

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003879.D
 Acq On : 07 Aug 2018 14:19
 Operator : JC/MD
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:01:04 PM

Quant Time: Aug 08 01:48:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	502063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	477163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250411	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	236230	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.10%		
35) Dibromofluoromethane	5.51	113	194476	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.26%		
50) Toluene-d8	8.72	98	760866	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.88%		
62) 4-Bromofluorobenzene	11.14	95	275387	57.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	115.08%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	70166	20.22	ug/l	98
3) Chloromethane	1.32	50	88205	18.69	ug/l	99
4) Vinyl Chloride	1.40	62	92472	19.64	ug/l	98
5) Bromomethane	1.64	94	57325	20.67	ug/l	97
6) Chloroethane	1.72	64	64638	21.46	ug/l	98
7) Trichlorofluoromethane	1.93	101	121257	19.51	ug/l	100
8) Diethyl Ether	2.19	74	54035	19.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75047	19.32	ug/l	99
10) Methyl Iodide	2.51	142	87510	18.11	ug/l	100
11) Tert butyl alcohol	3.07	59	110746	101.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70446	19.17	ug/l	98
13) Acrolein	2.29	56	60645	104.25	ug/l	99
14) Allyl chloride	2.73	41	140510	19.84	ug/l	100
15) Acrylonitrile	3.15	53	258160	99.21	ug/l	99
16) Acetone	2.45	43	266713	98.79	ug/l	99
17) Carbon Disulfide	2.57	76	194437	18.95	ug/l	99
18) Methyl Acetate	2.78	43	118658	20.18	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	256946	19.73	ug/l	99
20) Methylene Chloride	2.86	84	86676	19.25	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	78507	18.82	ug/l	99
22) Diisopropyl ether	3.87	45	252040	19.36	ug/l	99
23) Vinyl Acetate	3.82	43	1059827	97.83	ug/l	100
24) 1,1-Dichloroethane	3.70	63	154188	19.94	ug/l	100
25) 2-Butanone	4.71	43	408649	100.67	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104521	18.74	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	87920	19.42	ug/l	98
28) Bromochloromethane	5.02	49	71431	21.58	ug/l	99
29) Tetrahydrofuran	5.17	42	208612	99.99	ug/l	99
30) Chloroform	5.21	83	145522	19.99	ug/l	98
31) Cyclohexane	5.57	56	124482	19.03	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	121783	19.94	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106672	18.97	ug/l	99
37) Ethyl Acetate	4.87	43	124602	20.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	104536	19.53	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123401	18.61	ug/l	99
40) Benzene	6.14	78	334011	19.78	ug/l	100
41) Methacrylonitrile	5.07	41	67512	19.82	ug/l	99
42) 1,2-Dichloroethane	6.20	62	113858	19.94	ug/l	100
43) Isopropyl Acetate	6.47	43	182287	19.58	ug/l	100
44) Trichloroethene	7.21	130	87239	18.89	ug/l	94
45) 1,2-Dichloropropane	7.52	63	84365	19.35	ug/l	99
46) Dibromomethane	7.67	93	55498	19.60	ug/l	99
47) Bromodichloromethane	7.90	83	103217	19.36	ug/l	99
48) Methyl methacrylate	7.78	41	92544	19.56	ug/l	99
49) 1,4-Dioxane	7.76	88	44134	395.95	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	791782	102.62	ug/l	100
52) Toluene	8.79	92	212357	19.90	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114337	18.97	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	127093	19.55	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	87789	20.14	ug/l	96
56) Ethyl methacrylate	9.18	69	121200	19.16	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145275	19.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	320686	103.10	ug/l	99
59) 2-Hexanone	9.50	43	604016	104.73	ug/l	100
60) Dibromochloromethane	9.59	129	82048	20.18	ug/l	98
61) 1,2-Dibromoethane	9.68	107	88270	20.22	ug/l	100
64) Tetrachloroethene	9.34	164	83261	17.74	ug/l	94
65) Chlorobenzene	10.14	112	235238	18.95	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	82044	19.22	ug/l	98
67) Ethyl Benzene	10.26	91	387914	19.09	ug/l	98
68) m/p-Xylenes	10.36	106	308506	38.85	ug/l	98
69) o-Xylene	10.70	106	144945	19.33	ug/l	95
70) Styrene	10.71	104	246935	20.12	ug/l	97
71) Bromoform	10.86	173	63194	19.36	ug/l	95
73) Isopropylbenzene	11.02	105	382270	20.64	ug/l	95
74) N-amyl acetate	6.47	43	182287	18.92	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	136578	21.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	118657m	21.45	ug/l	
77) Bromobenzene	11.26	156	104617	21.17	ug/l	99
78) n-propylbenzene	11.36	91	442399	21.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	270428	21.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	326238	21.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	35760	19.02	ug/l	95
82) 4-Chlorotoluene	11.51	91	312706	21.05	ug/l	99
83) tert-Butylbenzene	11.77	119	318996	21.47	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	340140	22.40	ug/l	100
85) sec-Butylbenzene	11.94	105	366757	20.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	314930	20.01	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	170516	18.67	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	178703	20.24	ug/l	99
89) n-Butylbenzene	12.39	91	249610	18.20	ug/l	99
90) Hexachloroethane	12.60	117	45465	17.79	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	170274	18.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24821	19.08	ug/l	94

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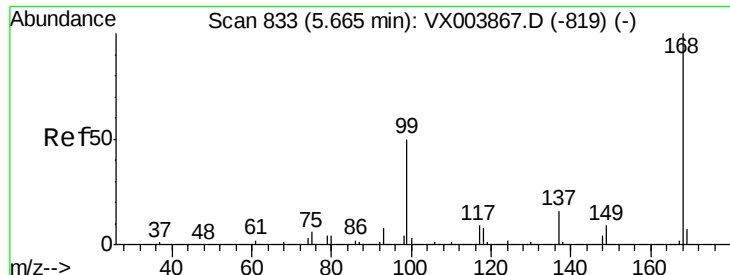
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132233	20.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	60558	21.33	ug/l	99
95) Naphthalene	13.83	128	410880	22.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138931	21.38	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



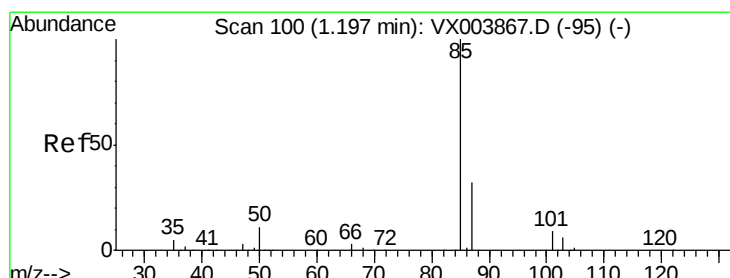
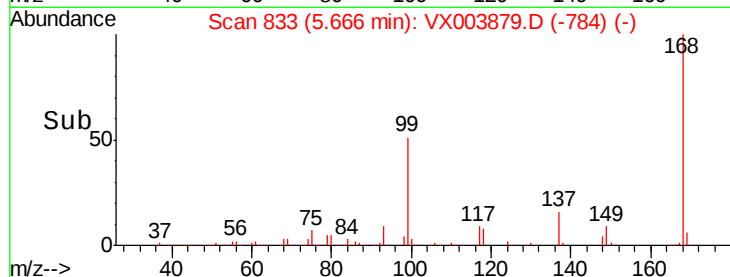
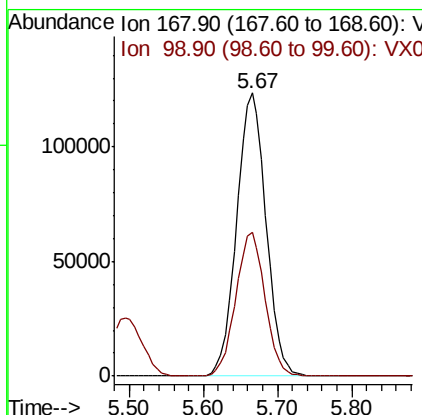
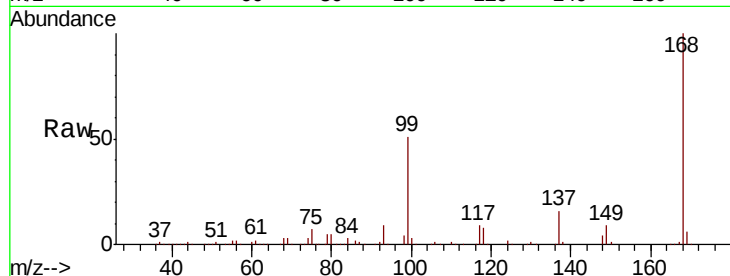
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.7	40.1	60.1

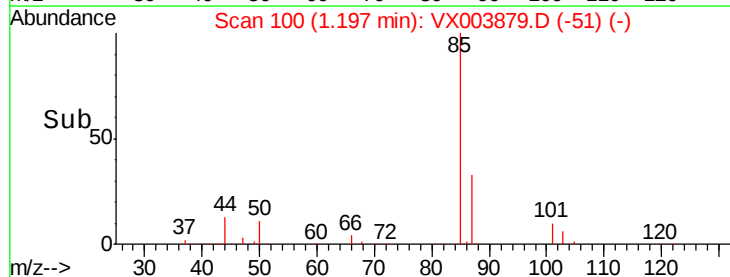
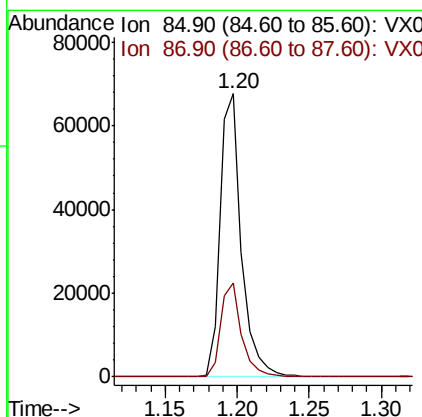
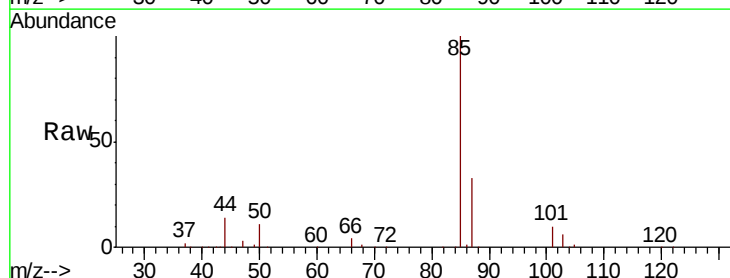
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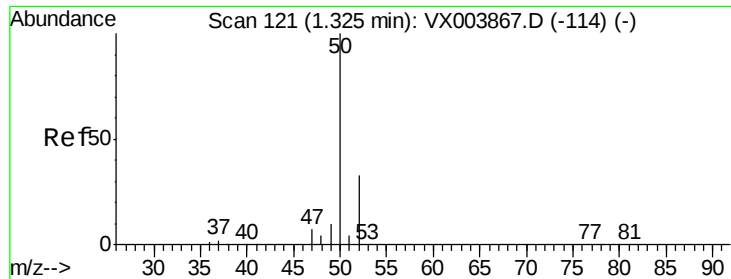
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#2
Dichlorodifluoromethane
Concen: 20.22 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.0	48.0





#3

Chloromethane

Concen: 18.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD01

Tot Ion: 50 Resp: 88205

Ion Ratio Lower Upper

50 100

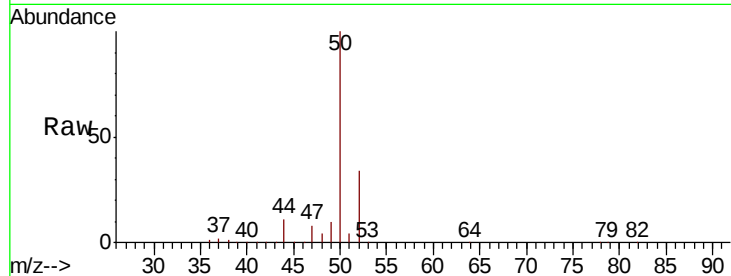
52 33.5 26.6 39.8

Manual Integrations

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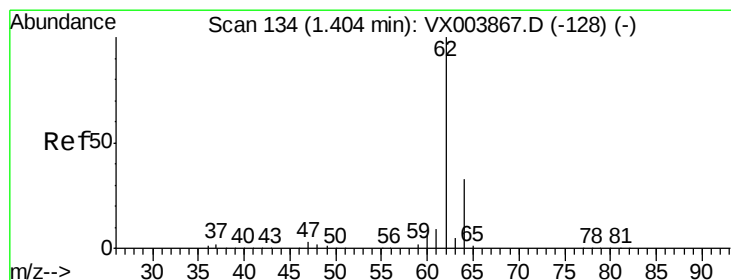
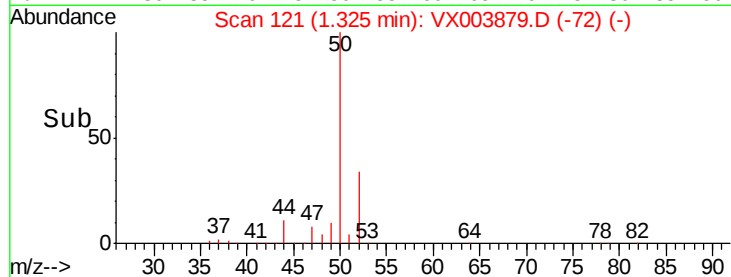
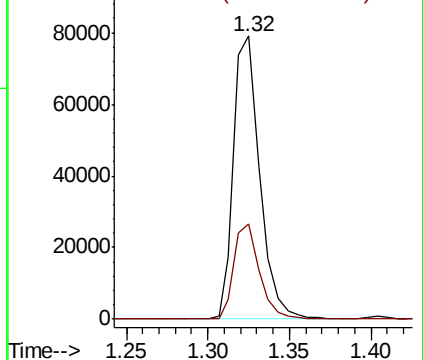
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003879.D

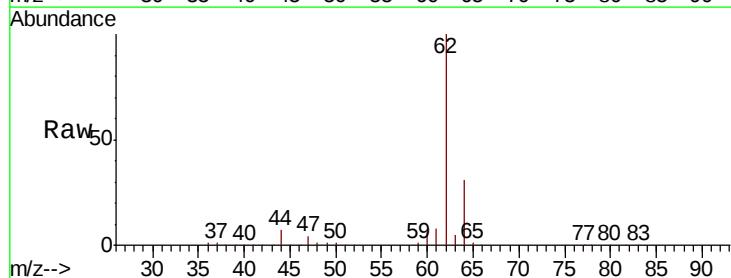
Acq: 07 Aug 2018 14:19

Tgt Ion: 62 Resp: 92472

Ion Ratio Lower Upper

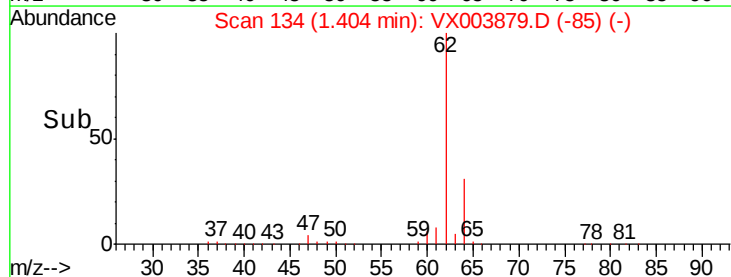
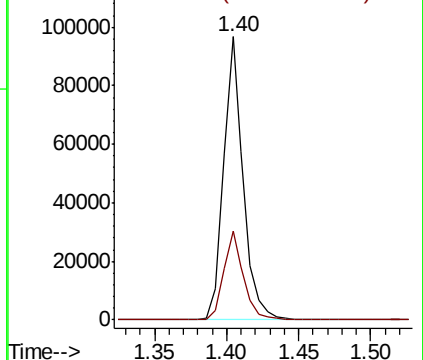
62 100

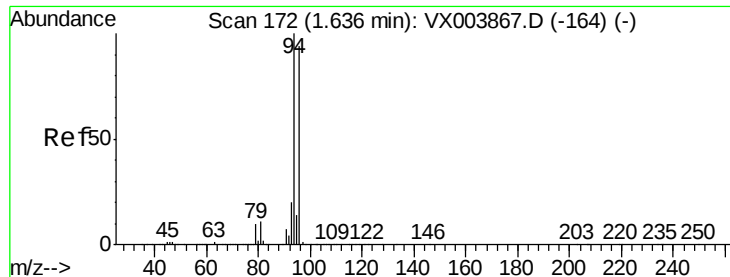
64 31.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.67 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD01

Tot Ion: 94 Resp: 57325

Ion Ratio Lower Upper

94 100

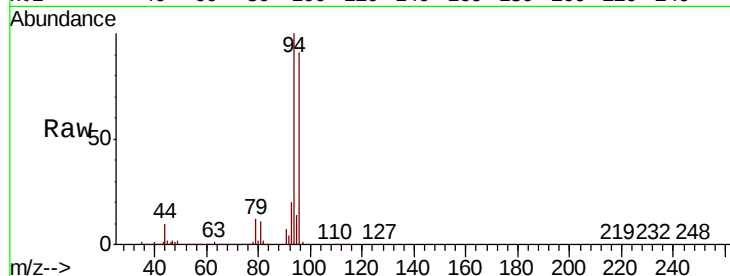
96 90.7 75.2 112.8

Manual Integrations

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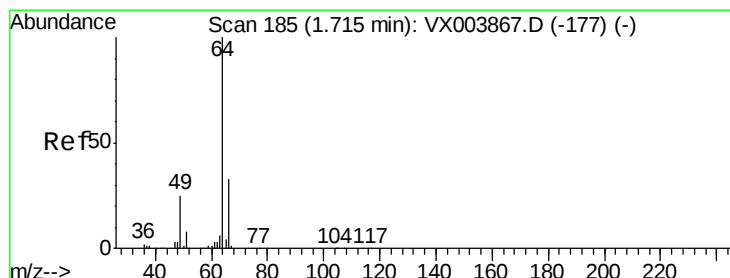
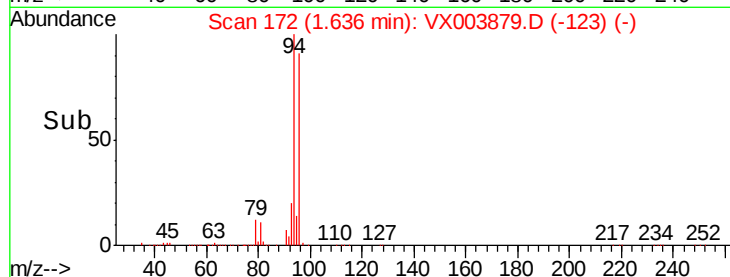
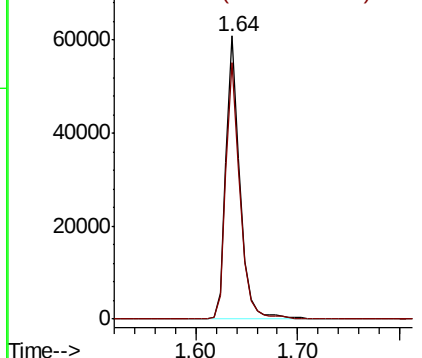
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.46 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003879.D

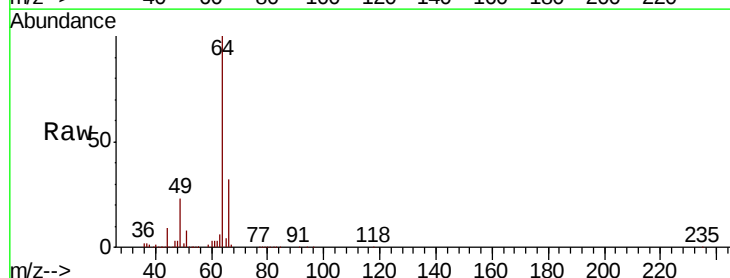
Acq: 07 Aug 2018 14:19

Tgt Ion: 64 Resp: 64638

Ion Ratio Lower Upper

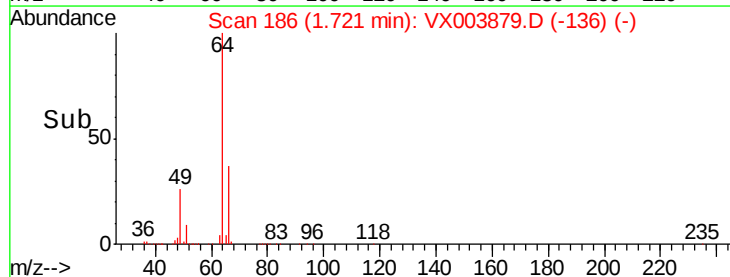
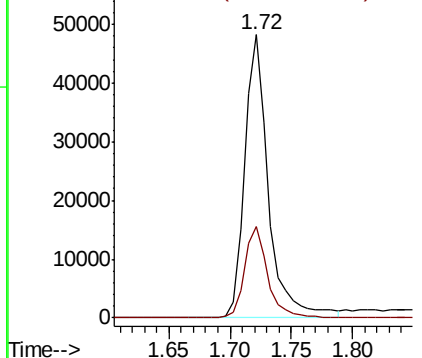
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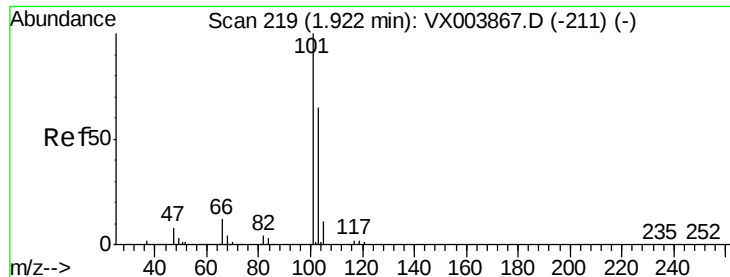
66 32.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

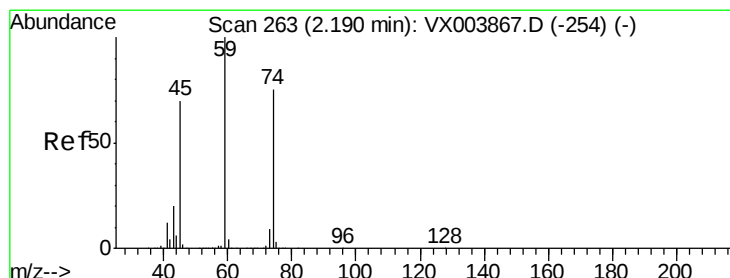
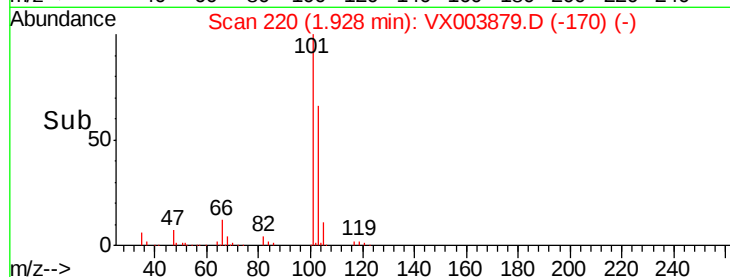
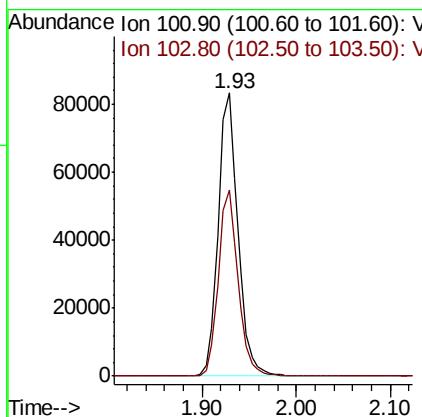
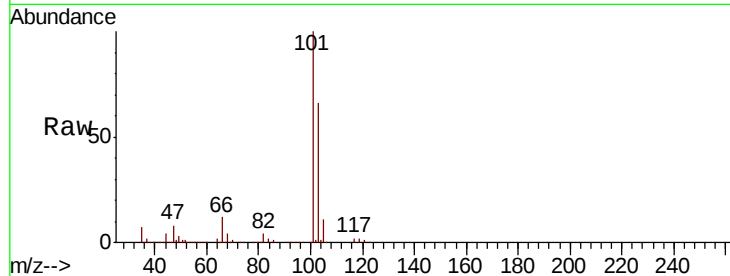
Trichlorofluoromethane
 Concen: 19.51 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.3	78.5

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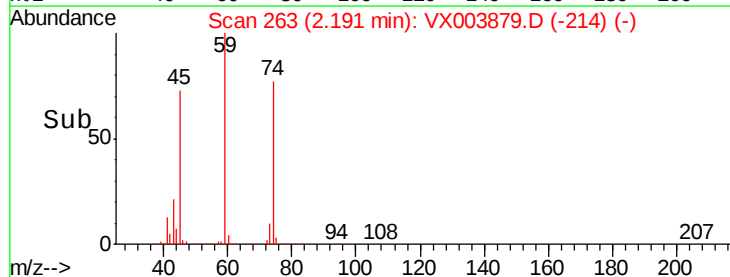
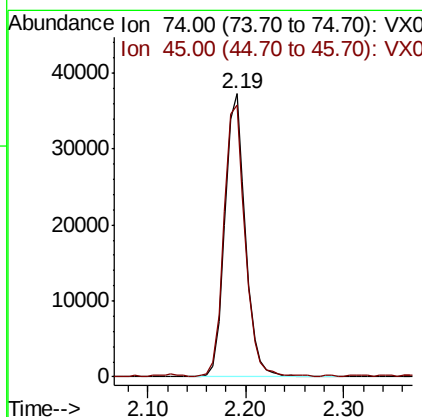
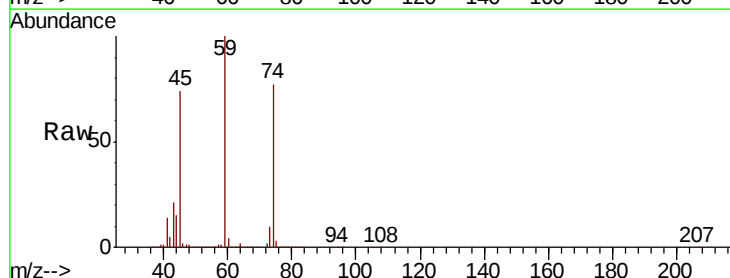
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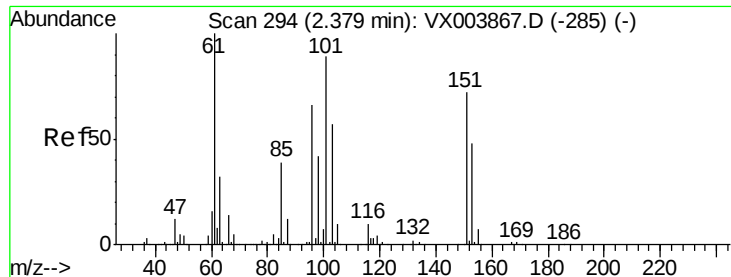


#8

Diethyl Ether
 Concen: 19.34 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.32 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

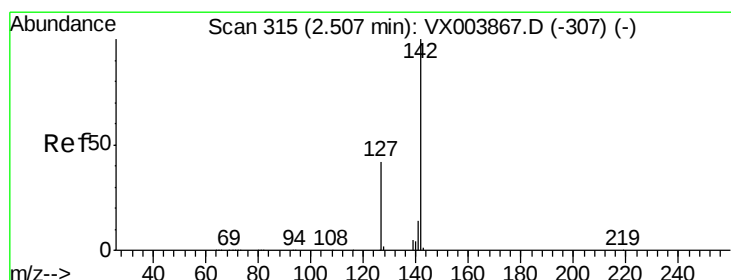
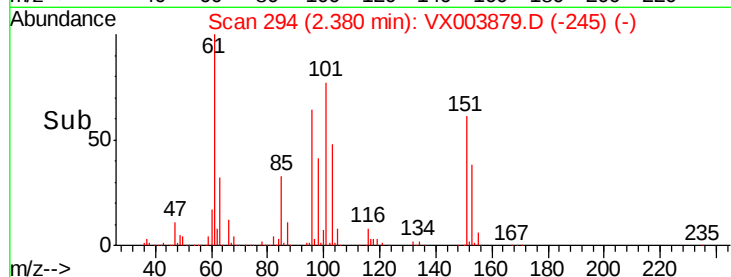
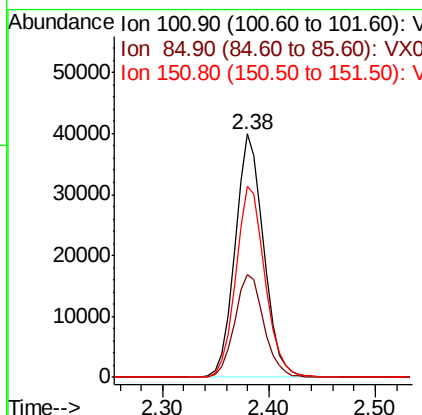
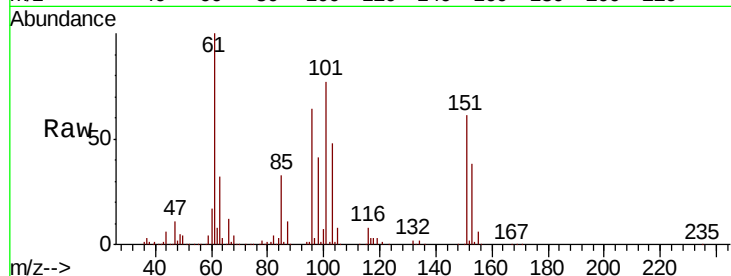
ClientSampleId :

VX0807WBSD01

Tot Ion:	101	Resp:	75047
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.2	51.4
151	80.3	65.0	97.4

Manual Integrations
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#10

Methyl Iodide

Concen: 18.11 ug/l

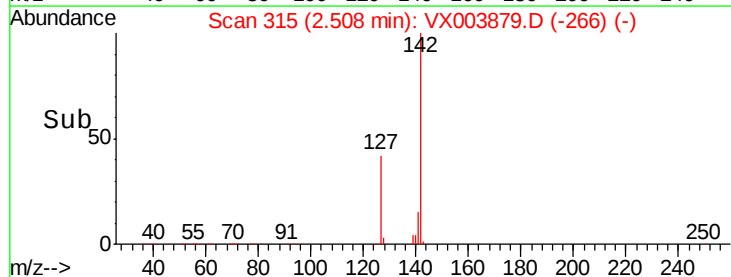
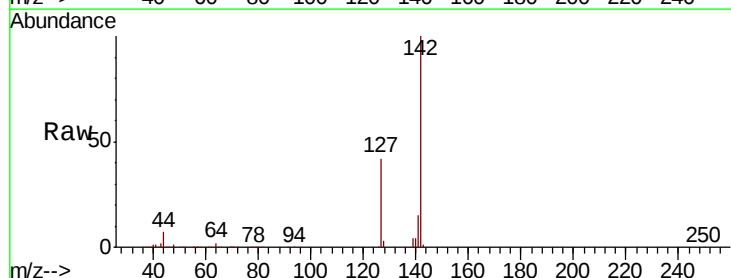
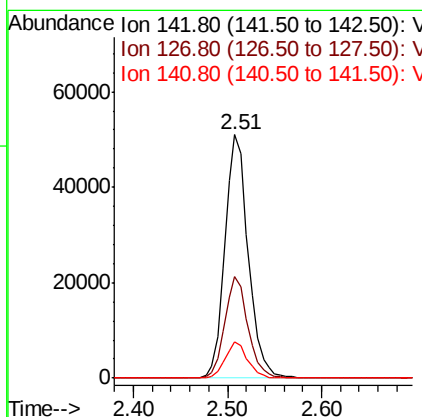
RT: 2.51 min Scan# 315

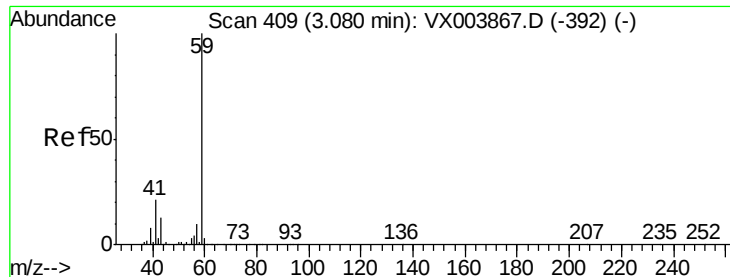
Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion:	142	Resp:	87510
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.1	49.7
141	14.4	11.1	16.7





#11

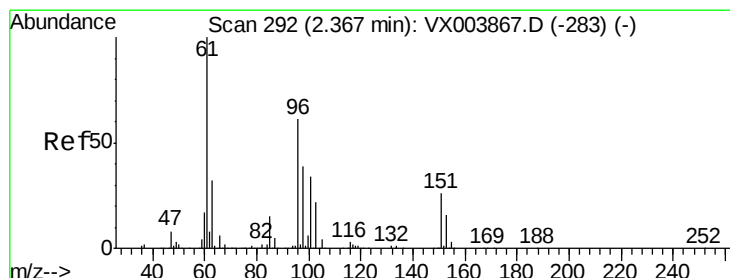
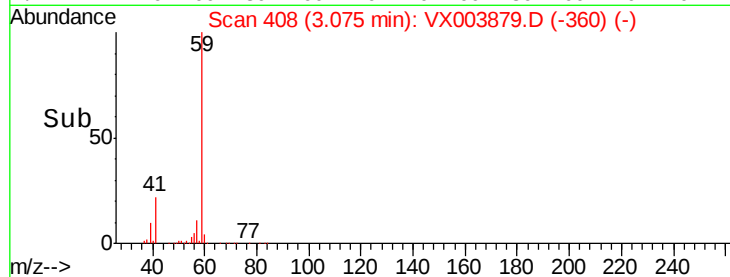
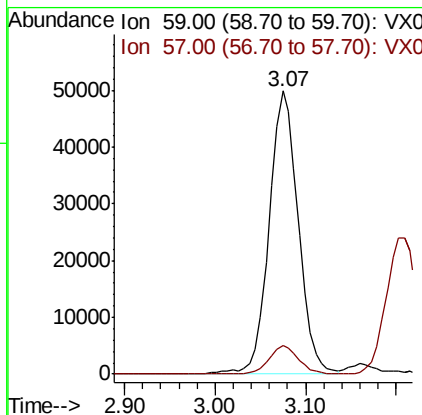
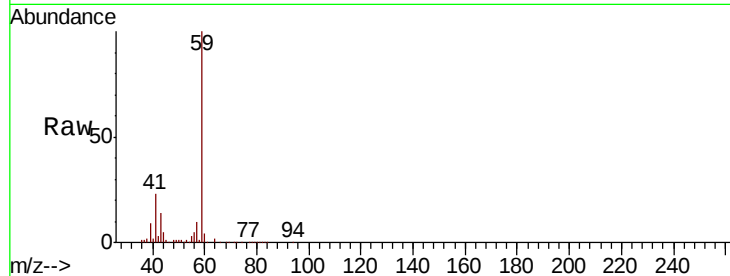
Tert butyl alcohol
 Concen: 101.55 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.2	8.1	12.1

Manual Integrations
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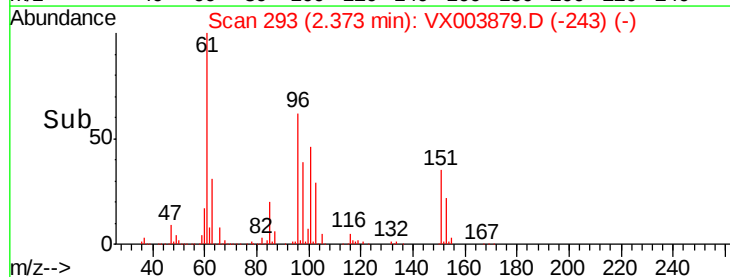
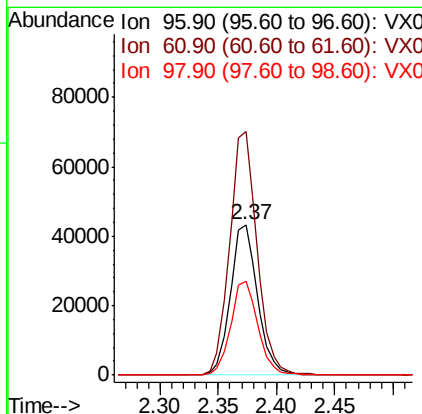
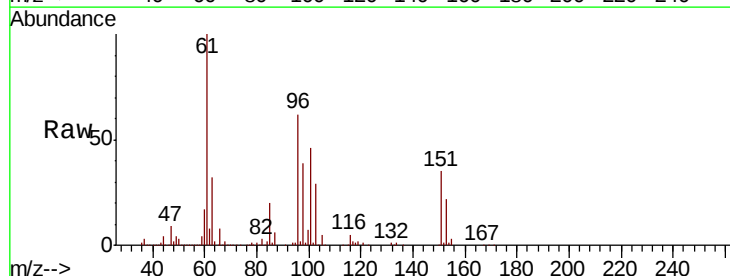
MMDadoda
 8/8/2018 12:01:04 PM

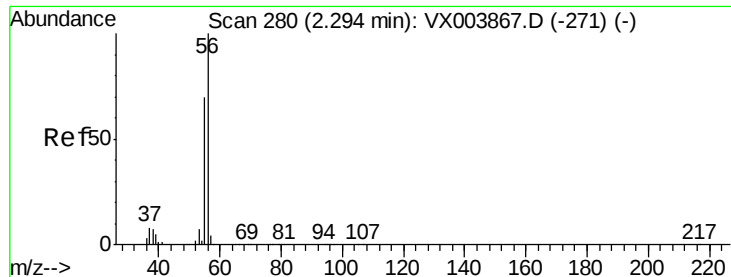


#12

1,1-Dichloroethene
 Concen: 19.17 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	161.5	131.3	196.9
98	98	62.5	51.8	77.6





#13

Acrolein

Concen: 104.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 56 Resp: 60645

Ion Ratio Lower Upper

56 100

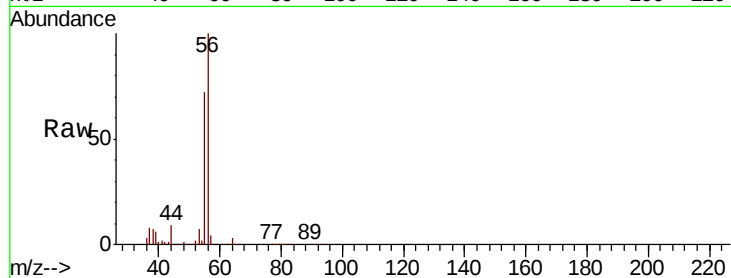
55 71.0 56.1 84.1

Manual Integrations

APPROVED

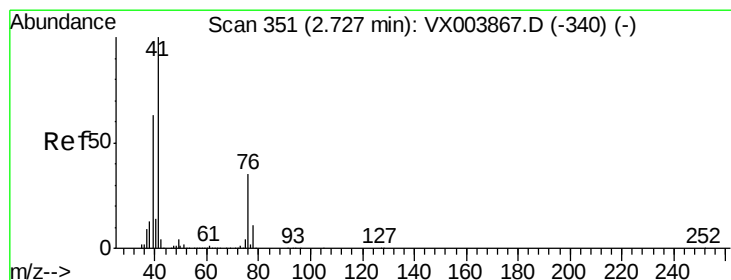
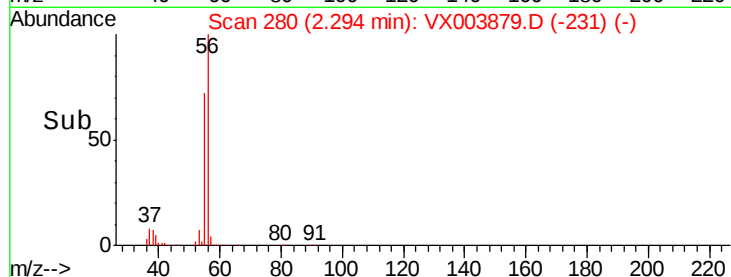
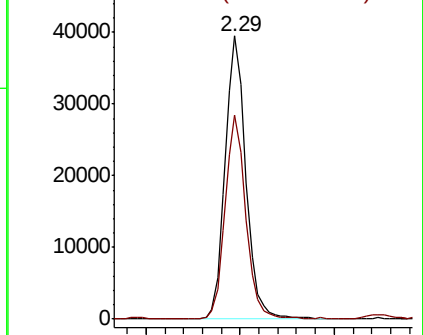
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.84 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

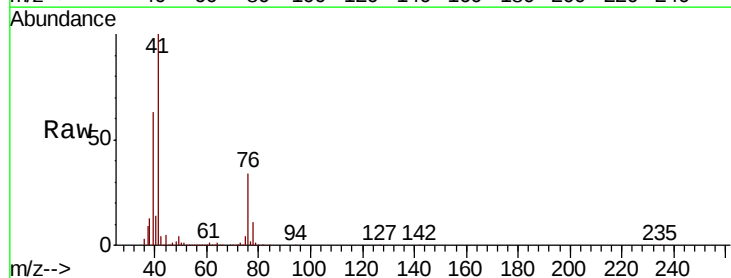
Tgt Ion: 41 Resp: 140510

Ion Ratio Lower Upper

41 100

39 59.1 47.4 71.0

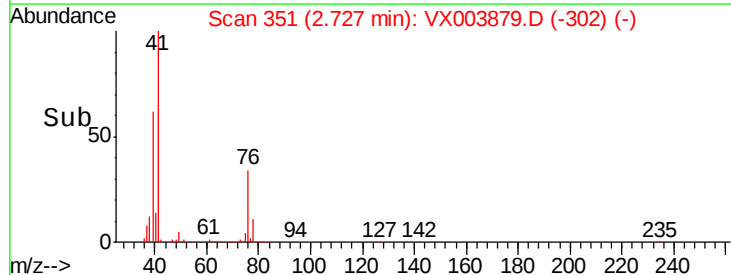
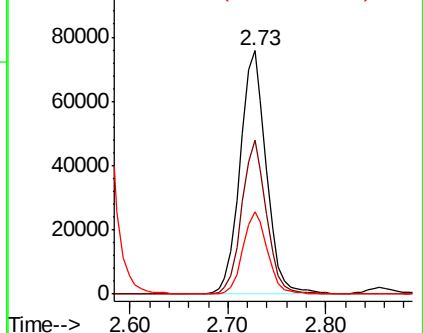
76 31.9 26.0 39.0

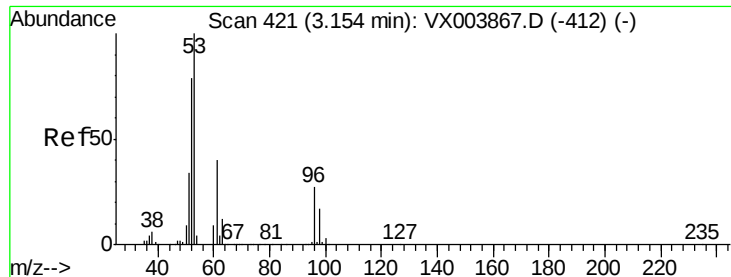


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 99.21 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

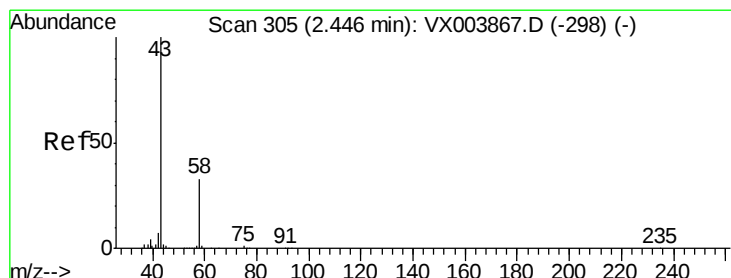
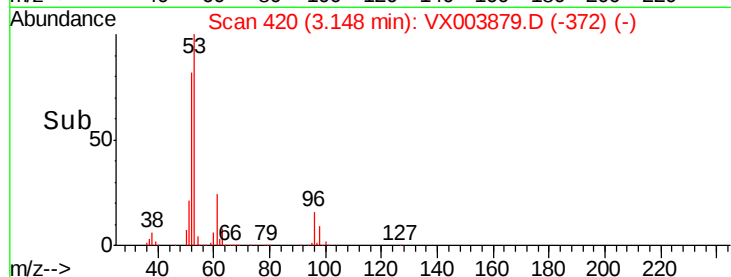
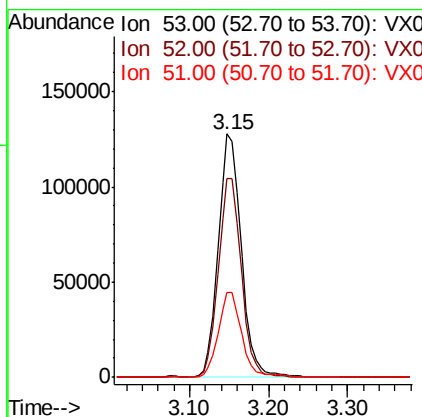
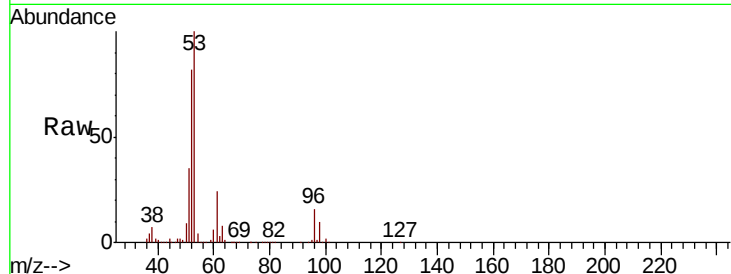
ClientSampleId :

VX0807WBSD01

Tot Ion:	53	Resp:	258160
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.3	97.9
51	35.5	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 98.79 ug/l

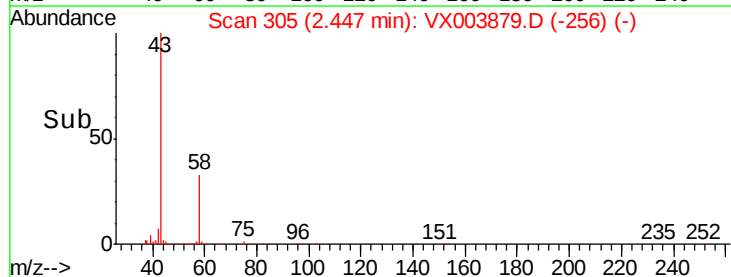
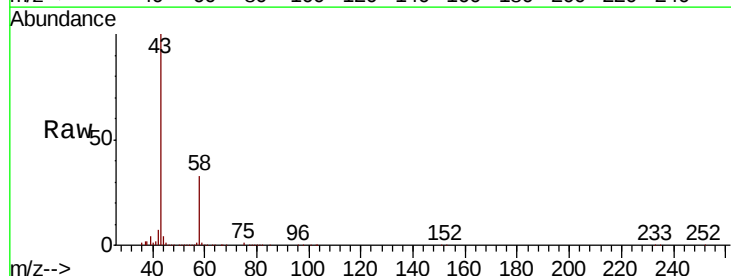
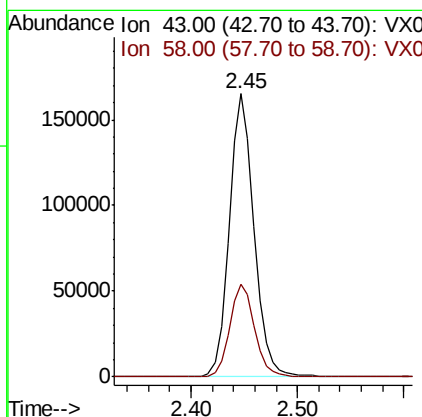
RT: 2.45 min Scan# 305

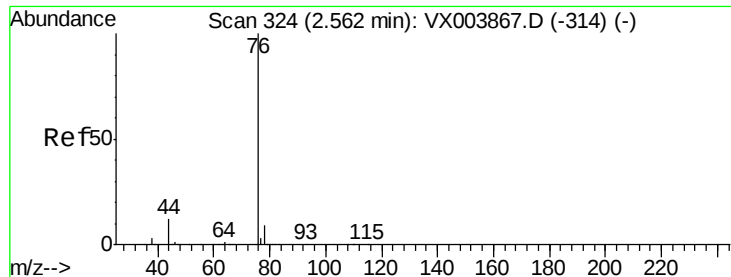
Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion:	43	Resp:	266713
Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.4	39.6





#17

Carbon Disulfide

Concen: 18.95 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 76 Resp: 194437

Ion Ratio Lower Upper

76 100

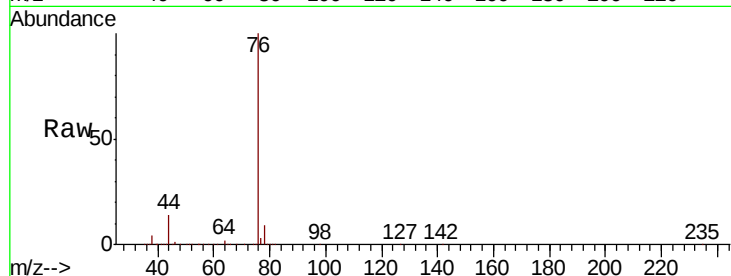
78 9.1 7.5 11.3

Manual Integrations

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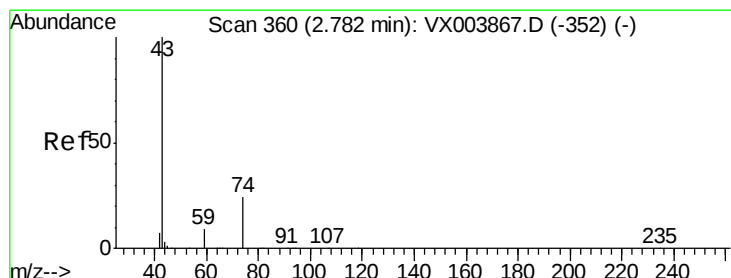
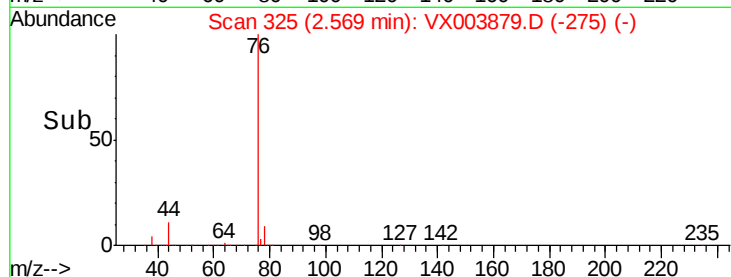
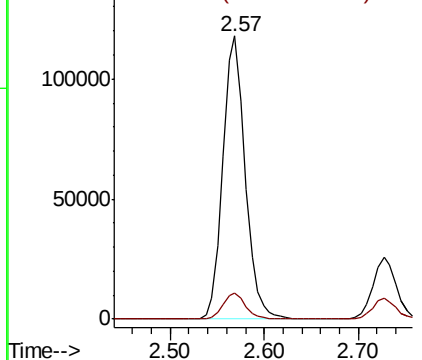
MMDadoda

8/8/2018 12:01:04 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.18 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003879.D

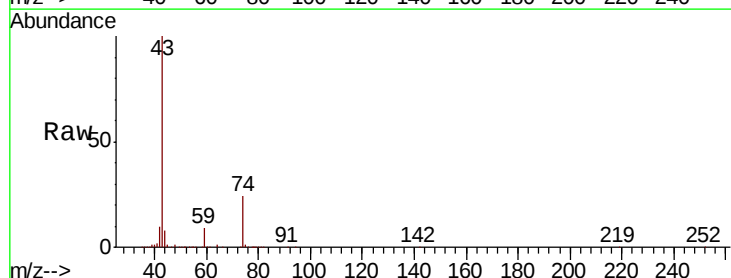
Acq: 07 Aug 2018 14:19

Tgt Ion: 43 Resp: 118658

Ion Ratio Lower Upper

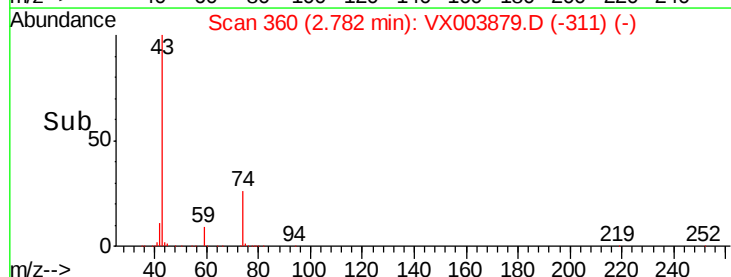
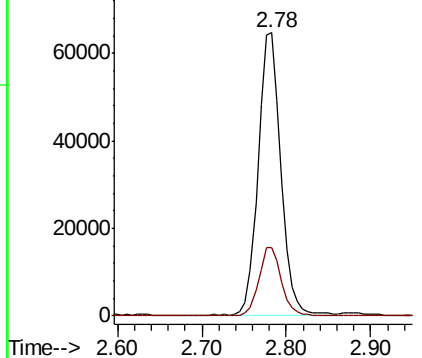
43 100

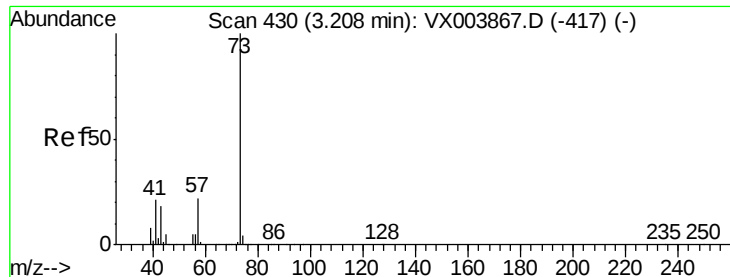
74 23.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





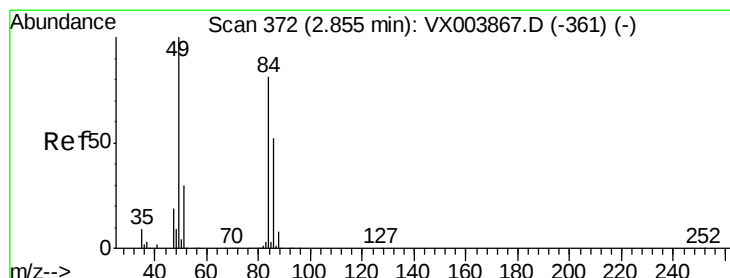
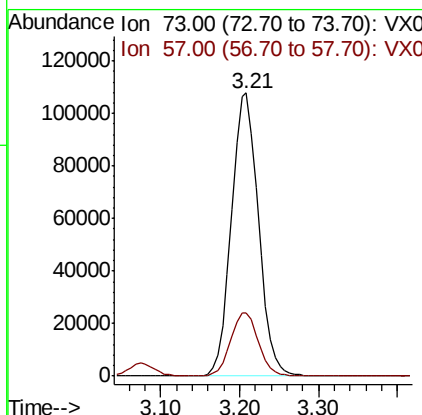
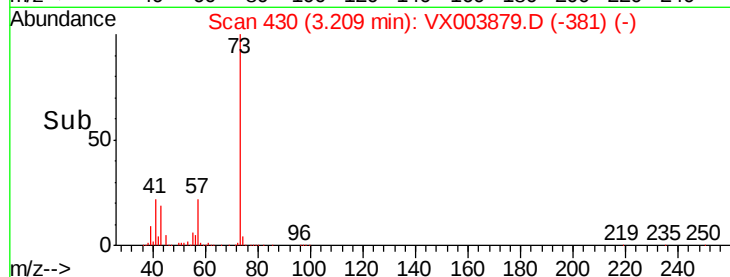
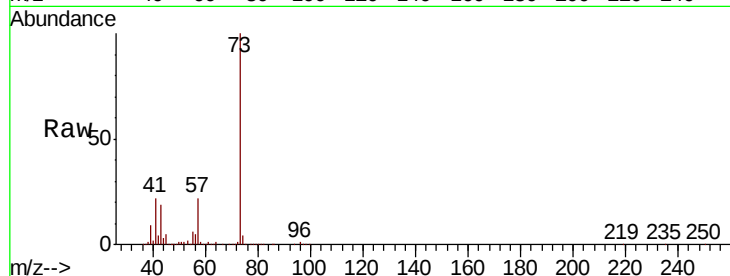
#19
Methvl tert-butvl Ether
Concen: 19.73 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.0	27.0

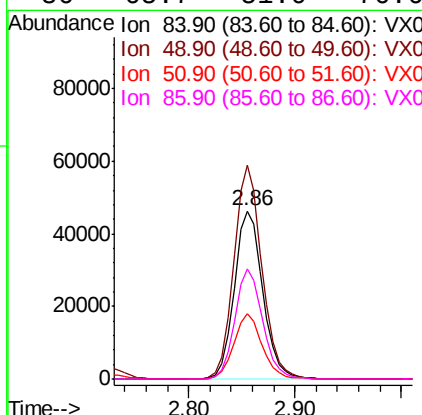
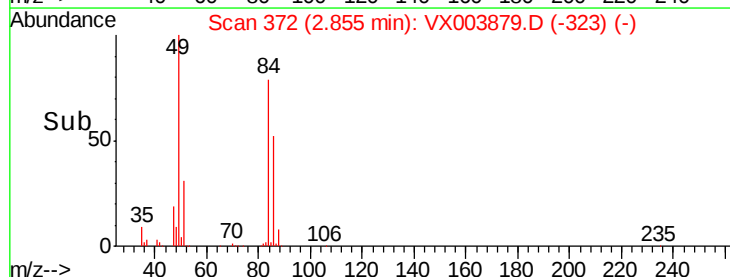
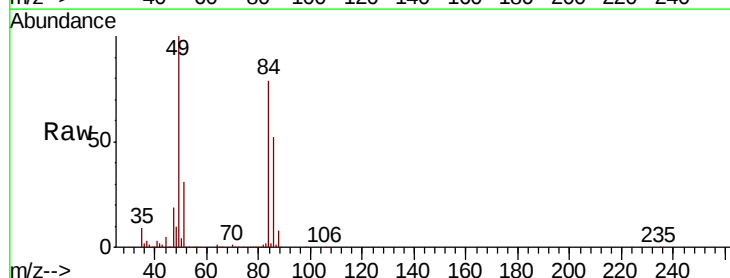
Manual Integrations
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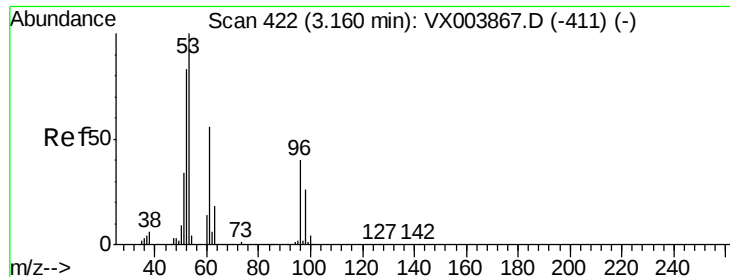
MMDadoda
8/8/2018 12:01:04 PM



#20
Methylene Chloride
Concen: 19.25 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.1	98.9	148.3
51	39.1	29.9	44.9
86	65.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 18.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

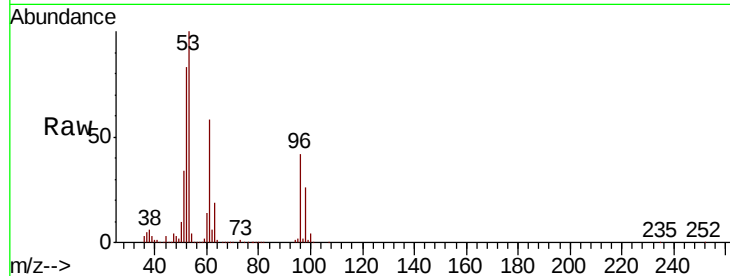
ClientSampleId :

VX0807WBSD01

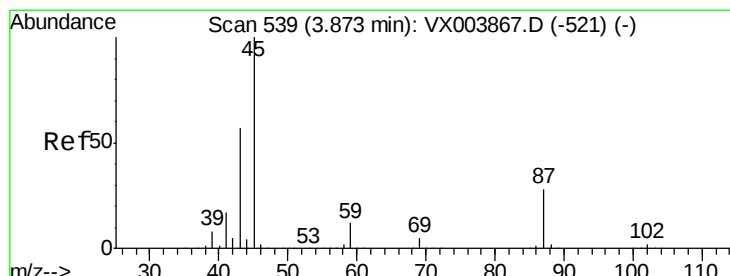
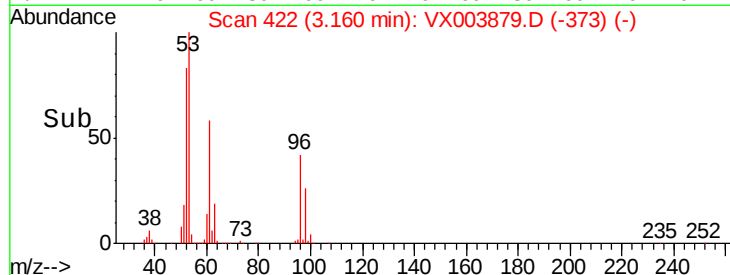
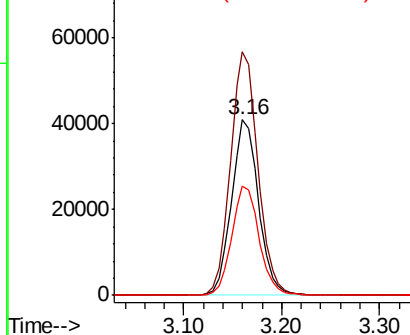
Tot Ion:	96	Resp:	78507
Ion Ratio	Lower	Upper	
96	100		
61	138.7	111.8	167.6
98	62.6	51.8	77.6

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.36 ug/l

RT: 3.87 min Scan# 539

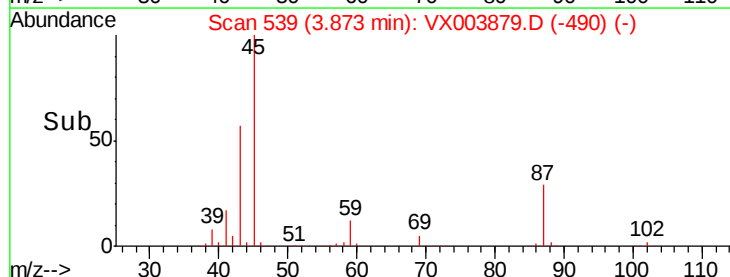
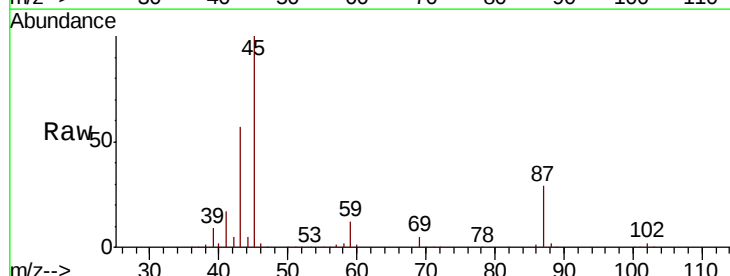
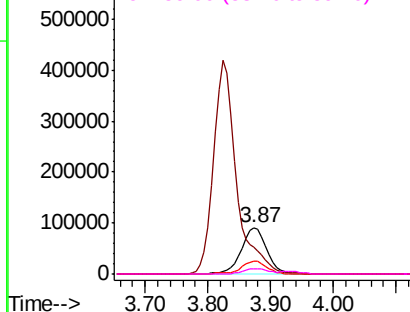
Delta R.T. 0.00 min

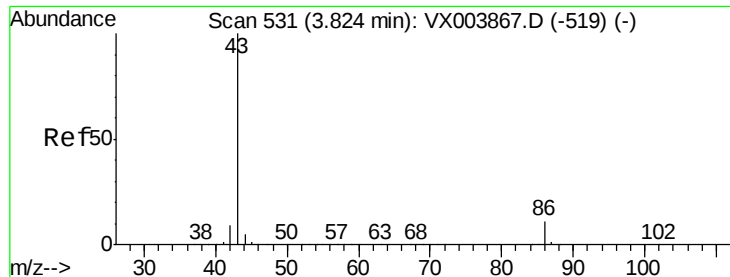
Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion:	45	Resp:	252040
Ion Ratio	Lower	Upper	
45	100		
43	56.9	45.3	67.9
87	29.0	22.7	34.1
59	12.2	9.6	14.4

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





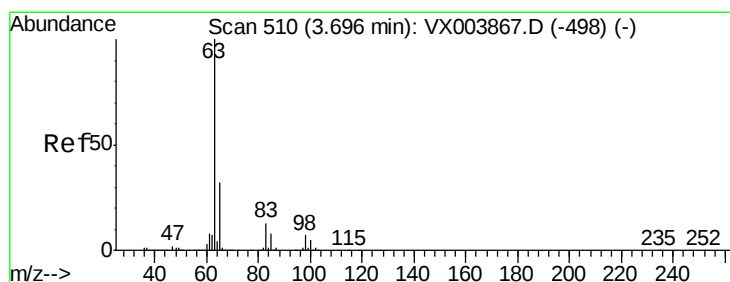
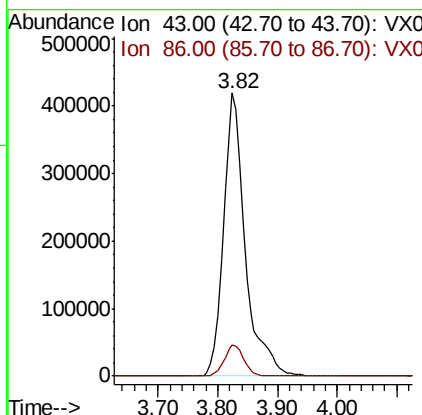
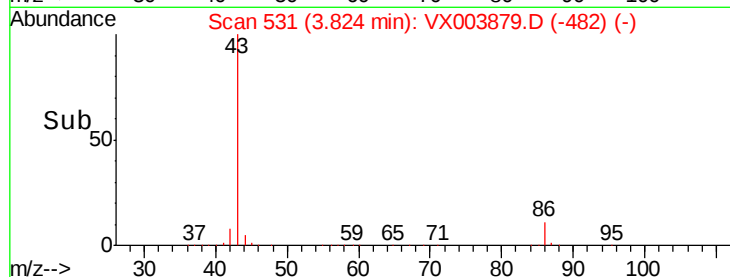
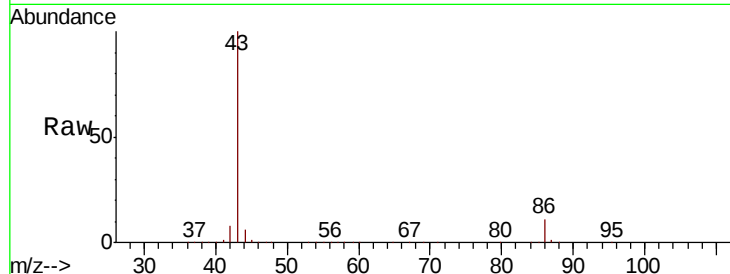
#23
 Vinyl Acetate
 Concen: 97.83 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion: 43 Resp: 1059827
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

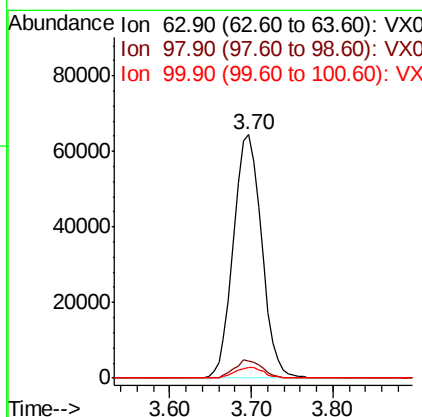
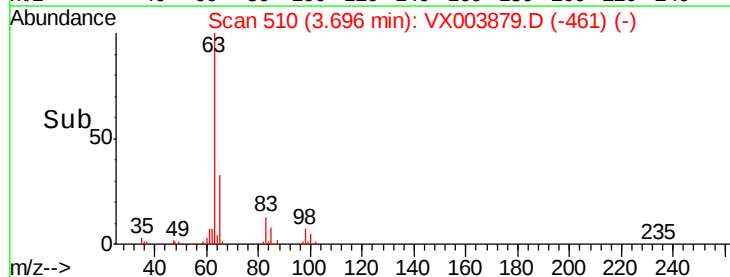
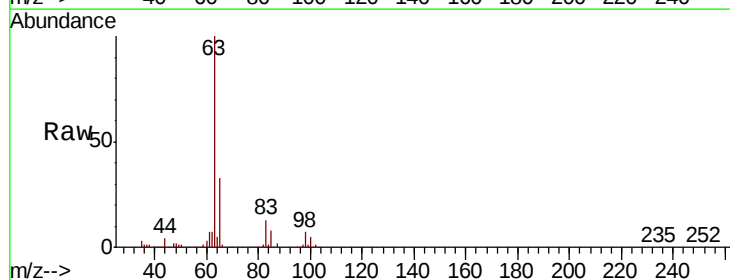
Manual Integrations
 APPROVED

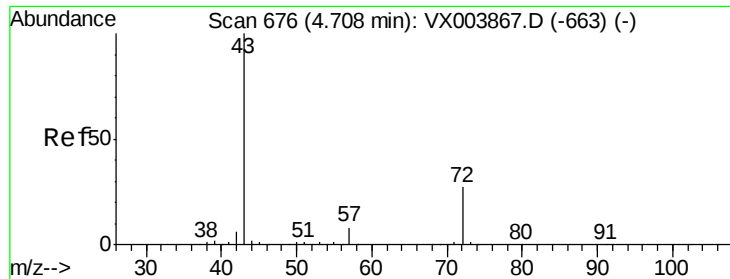
MMDadoda
 8/8/2018 12:01:04 PM



#24
 1,1-Dichloroethane
 Concen: 19.94 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 63 Resp: 154188
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 100.67 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 43 Resp: 408649

Ion Ratio Lower Upper

43 100

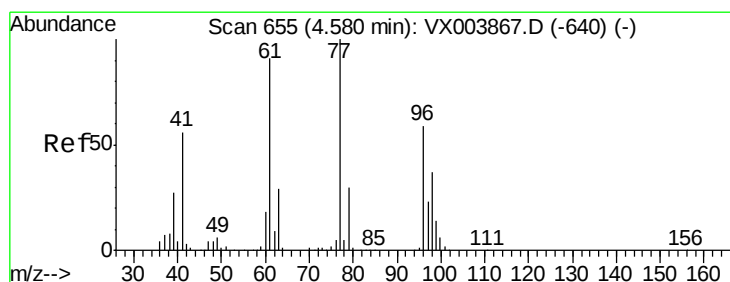
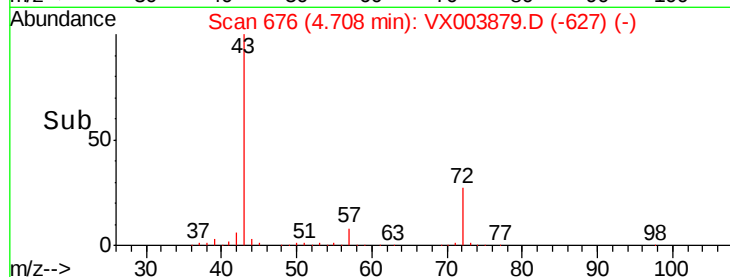
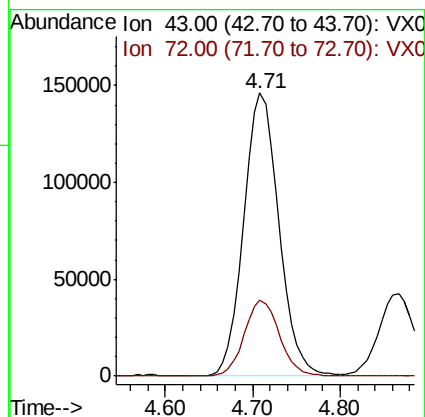
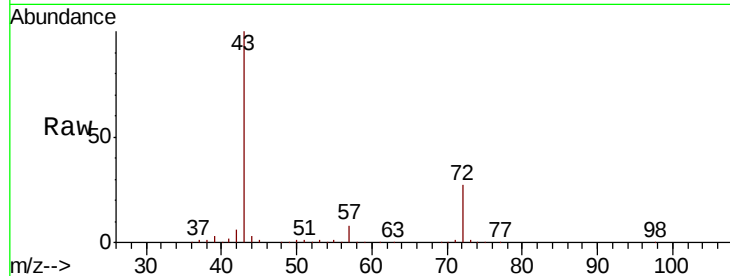
72 27.0 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.74 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003879.D

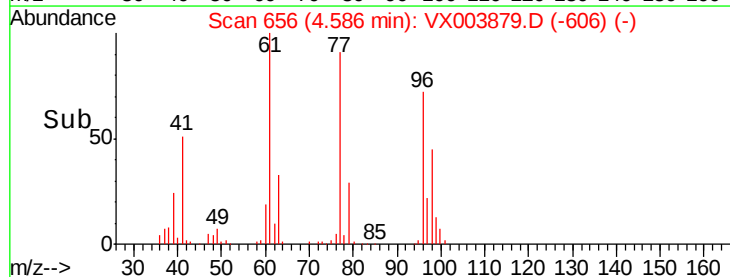
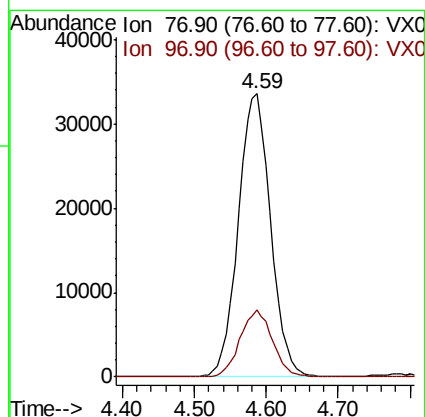
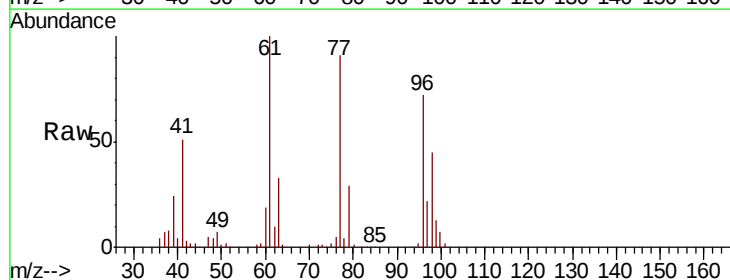
Acq: 07 Aug 2018 14:19

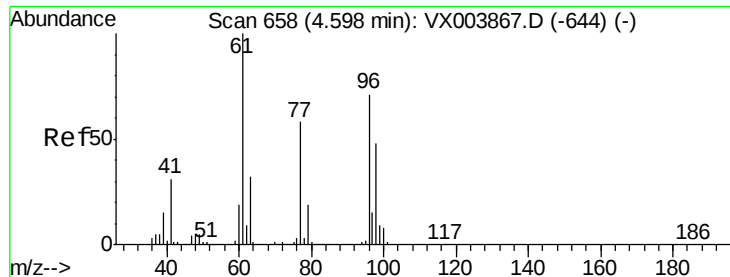
Tgt Ion: 77 Resp: 104521

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9





#27

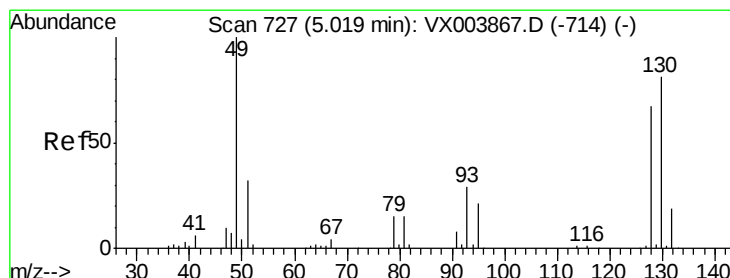
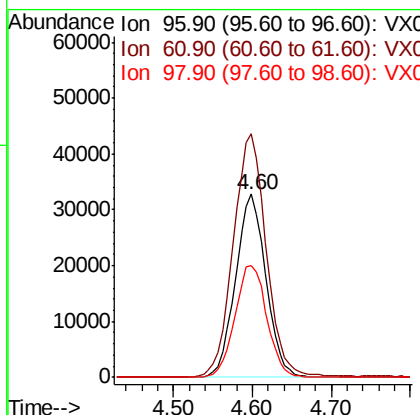
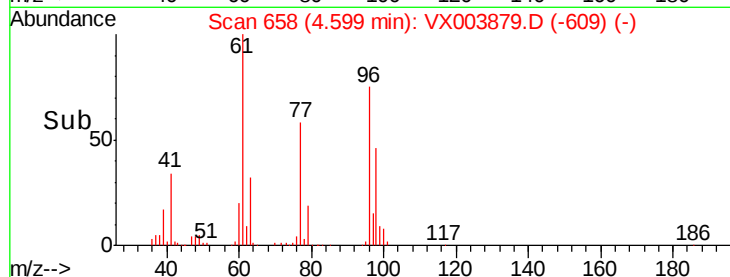
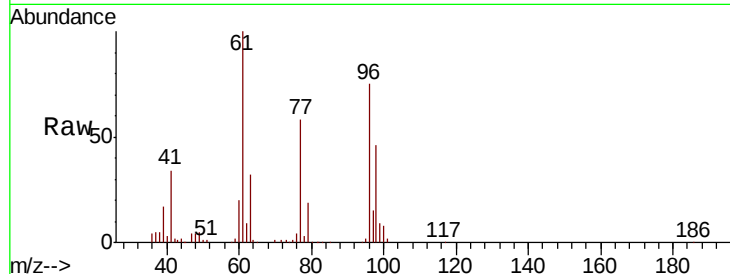
cis-1,2-Dichloroethene
Concen: 19.42 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	293.0
98	64.1	0.0	131.8

Manual Integrations
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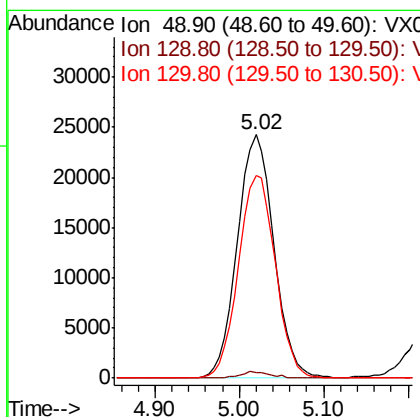
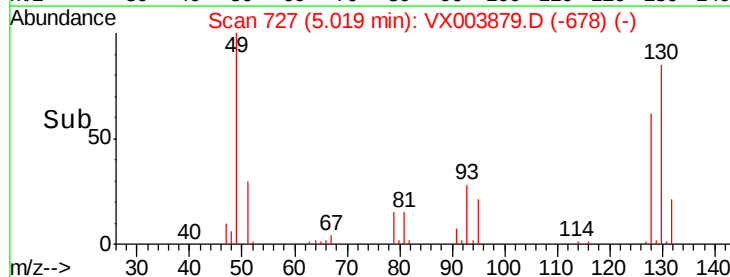
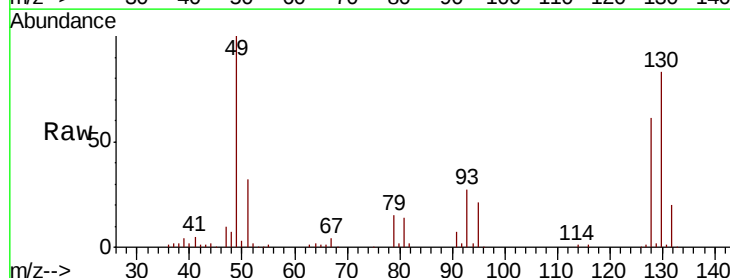
MMDadoda
8/8/2018 12:01:04 PM

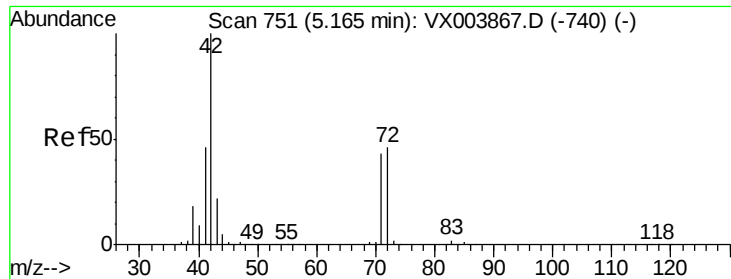


#28

Bromochloromethane
Concen: 21.58 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	84.0	66.5	99.7





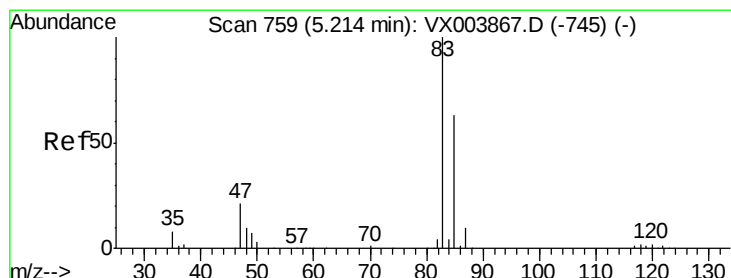
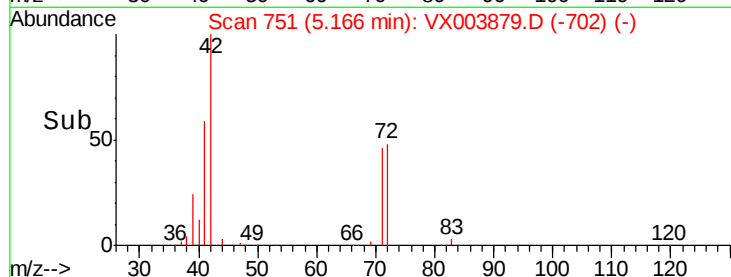
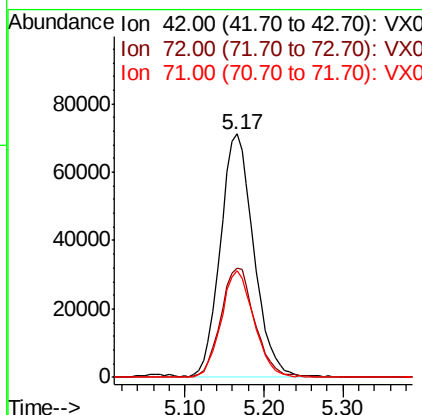
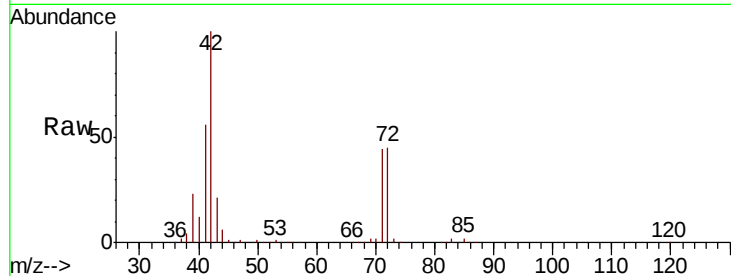
#29
Tetrahydrofuran
Concen: 99.99 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.7	56.5
71	43.3	35.0	52.6

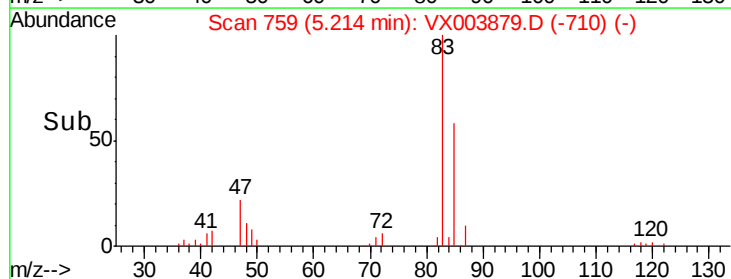
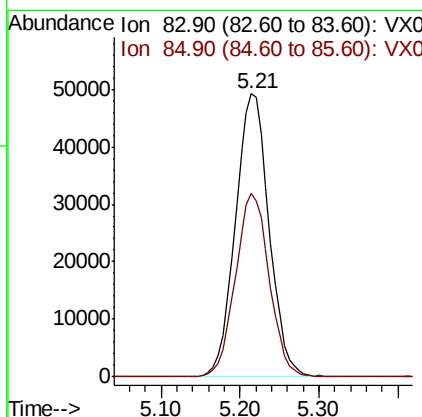
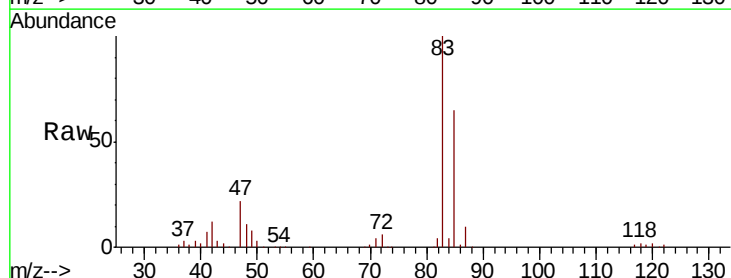
Manual Integrations
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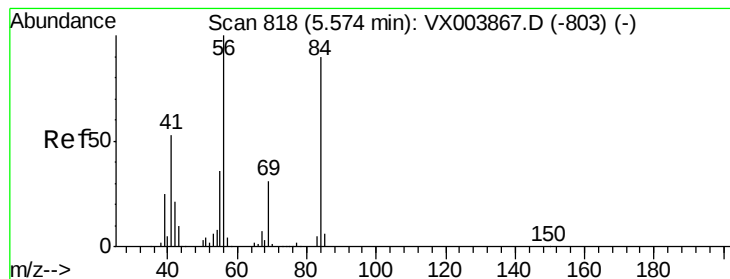
MMDadoda
8/8/2018 12:01:04 PM



#30
Chloroform
Concen: 19.99 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.7	76.1





#31

Cyclohexane

Concen: 19.03 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD01

Tot Ion: 56 Resp: 124482

Ion Ratio Lower Upper

56 100

69 30.8 24.9 37.3

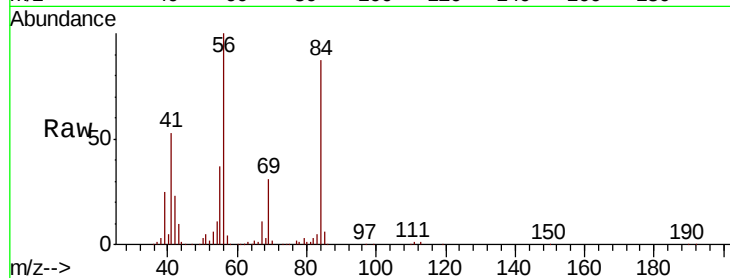
84 85.3 71.7 107.5

Manual Integrations

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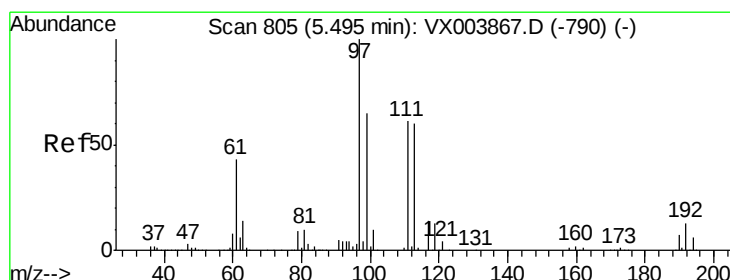
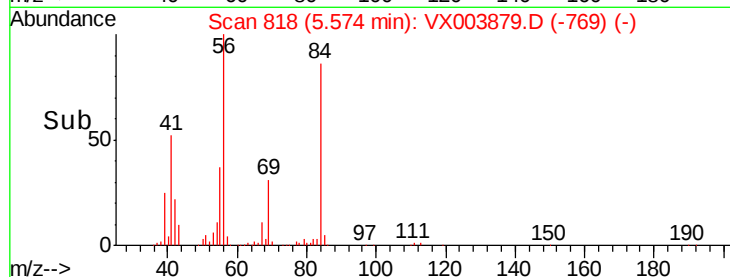
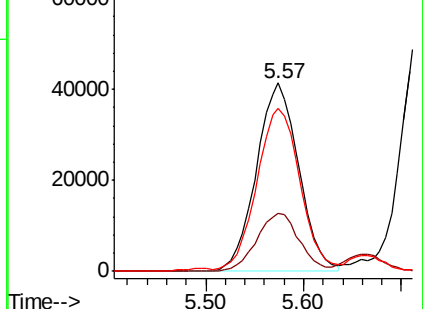
8/8/2018 12:01:04 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.94 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

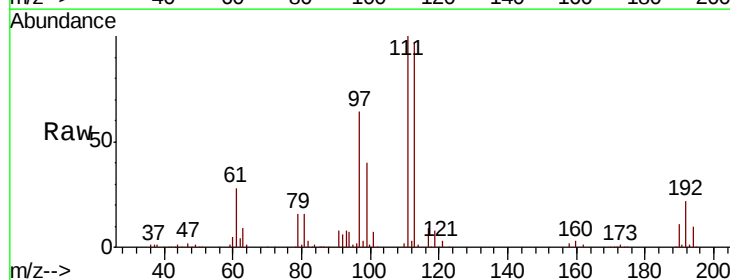
Tgt Ion: 97 Resp: 121783

Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

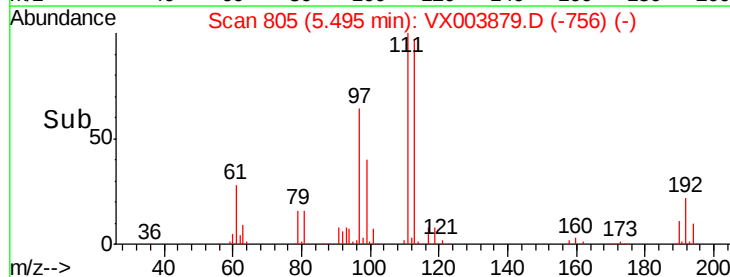
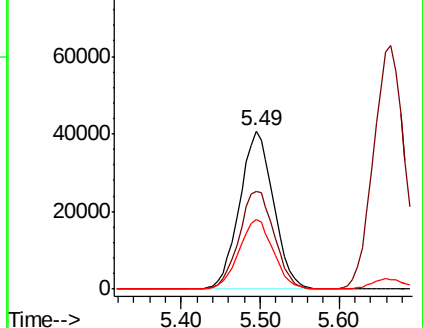
61 44.5 34.4 51.6

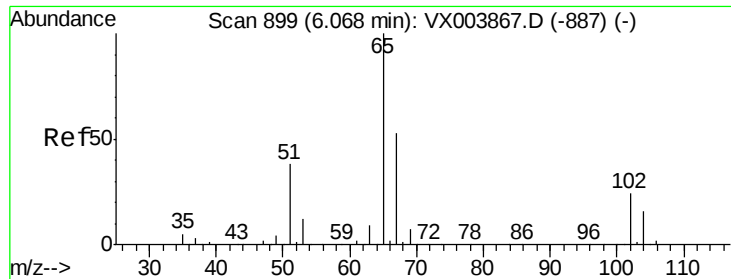


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





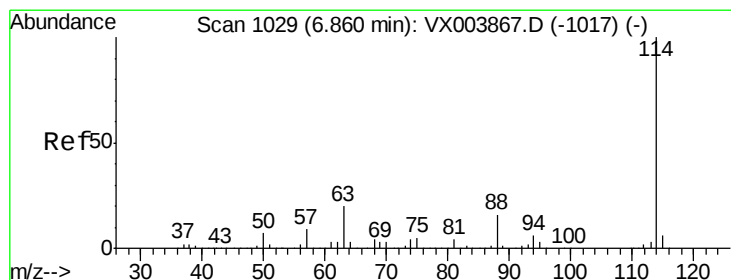
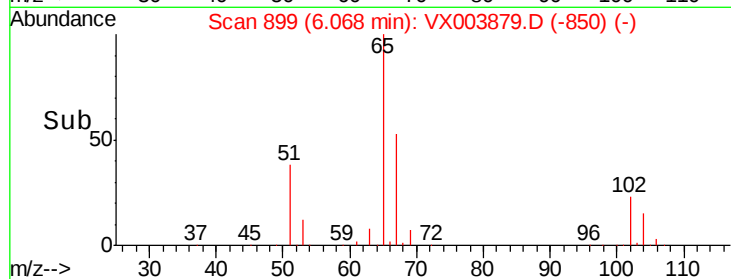
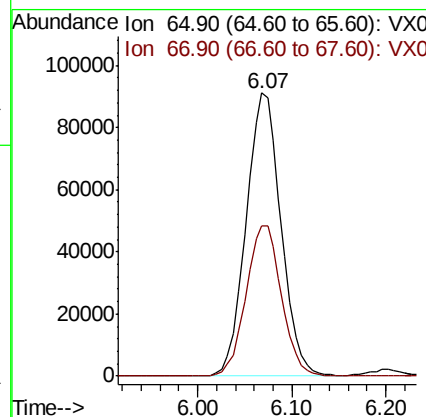
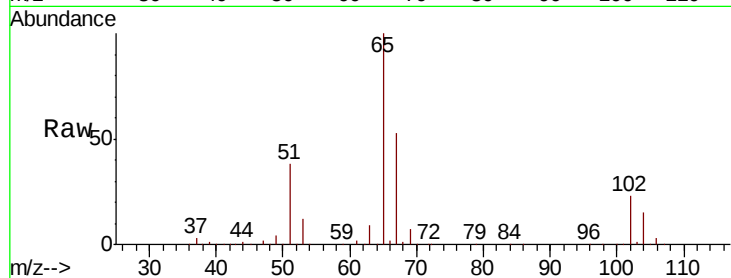
#33
 1,2-Dichloroethane-d4
 Concen: 52.05 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	236230		
67	53.9	0.0	105.8	

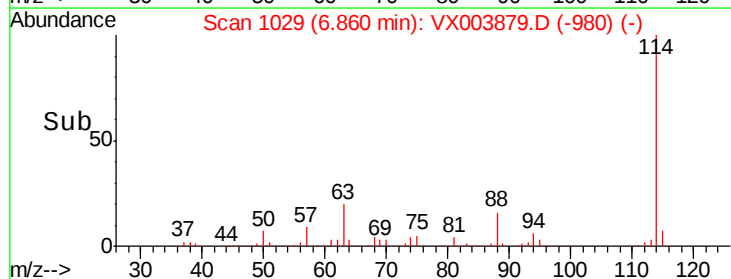
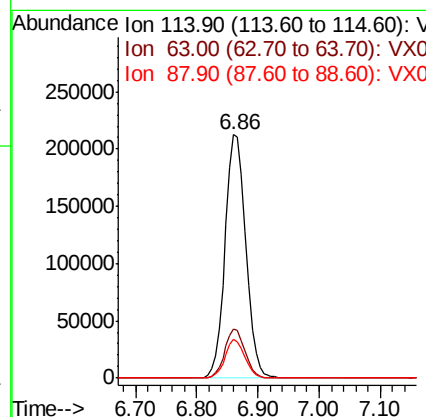
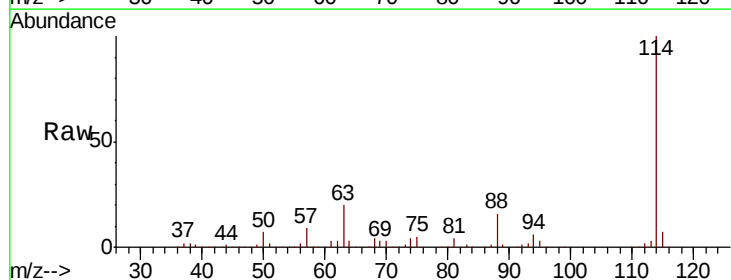
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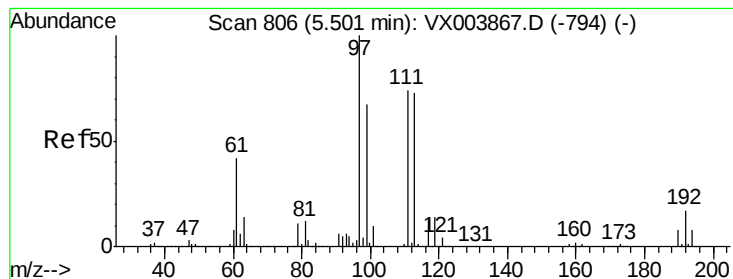
MMDadoda
 8/8/2018 12:01:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	502063		
63	20.3	0.0	39.0	
88	15.8	0.0	32.0	





#35

Dibromofluoromethane

Concen: 51.13 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

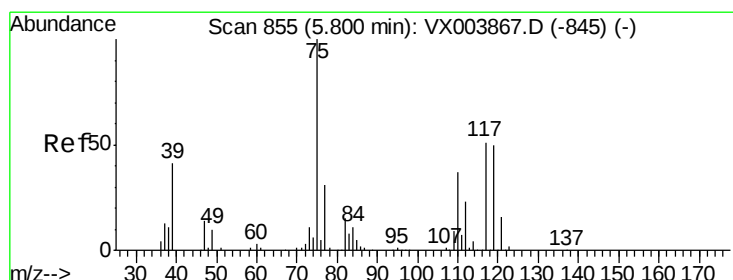
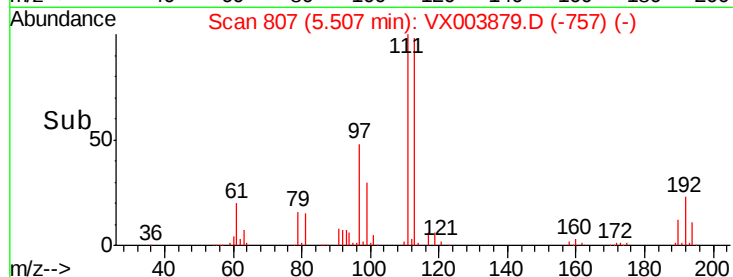
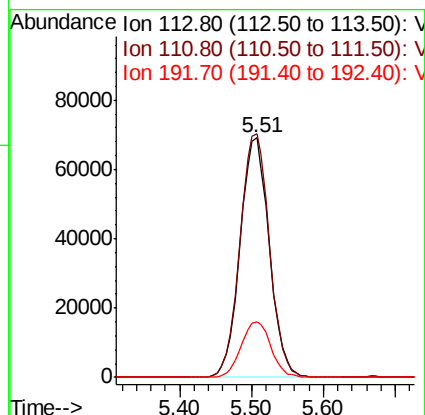
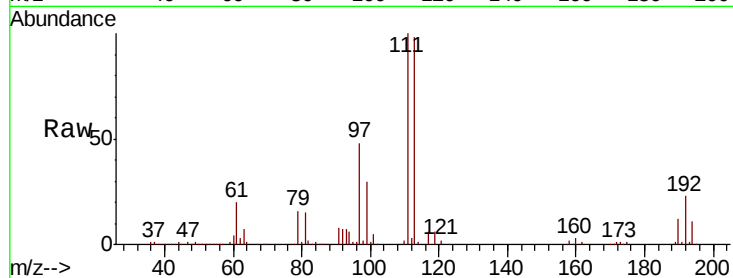
ClientSampleId :

VX0807WBSD01

Tot Ion:	113	Resp:	194476
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.0	123.0
192	23.7	19.0	28.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.97 ug/l

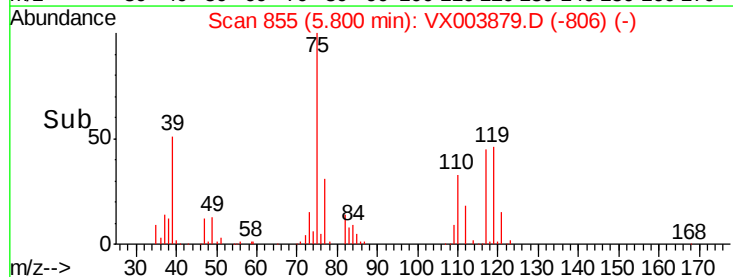
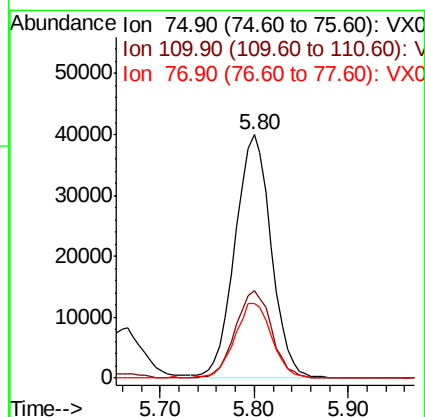
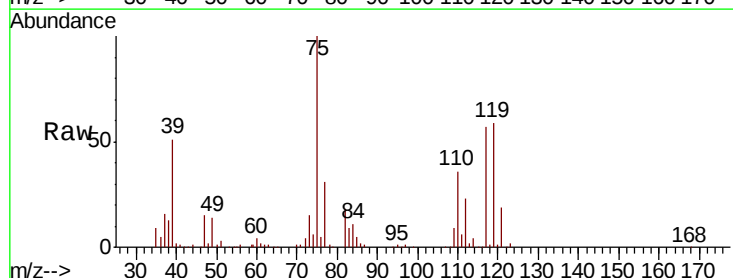
RT: 5.80 min Scan# 855

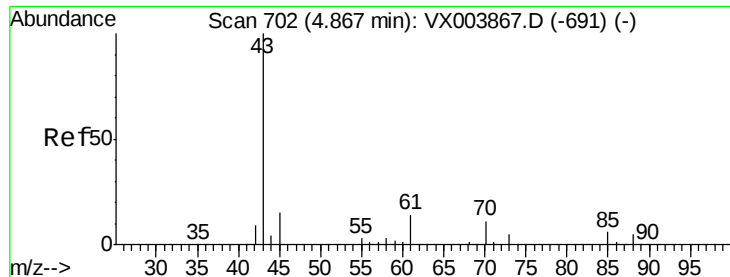
Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion:	75	Resp:	106672
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.2	54.6
77	31.9	25.0	37.4





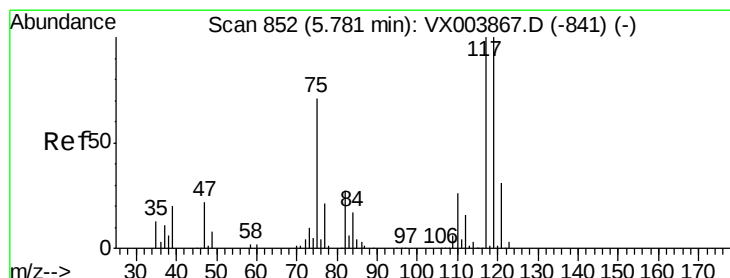
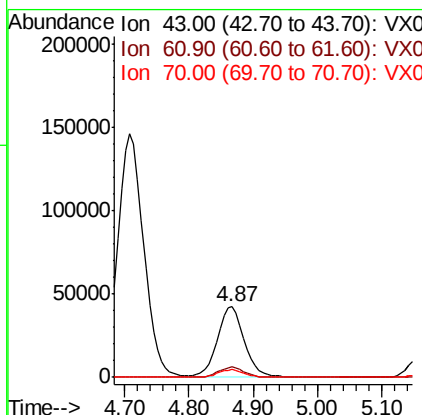
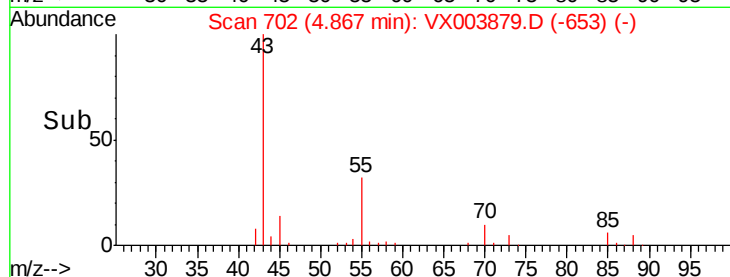
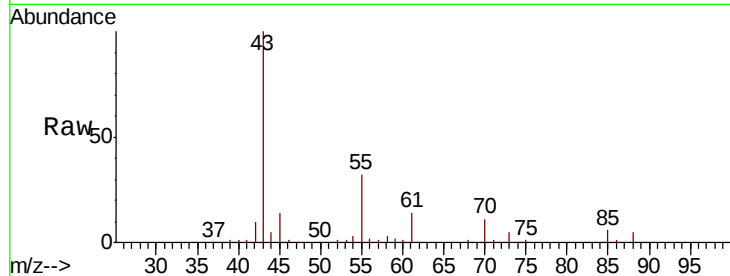
#37
Ethyl Acetate
Concen: 20.14 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampled :
VX0807WBSD01

Tot Ion:	43	Resp:	124602
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.5	17.3
70	10.9	9.0	13.4

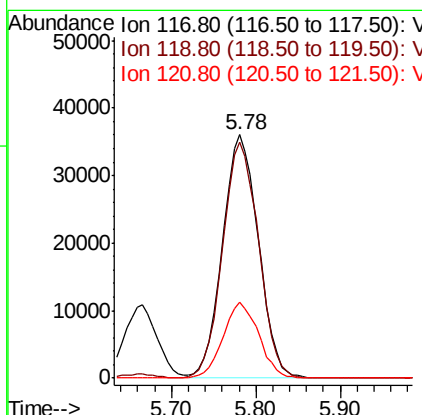
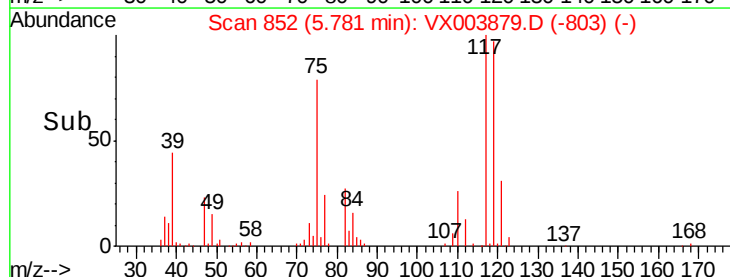
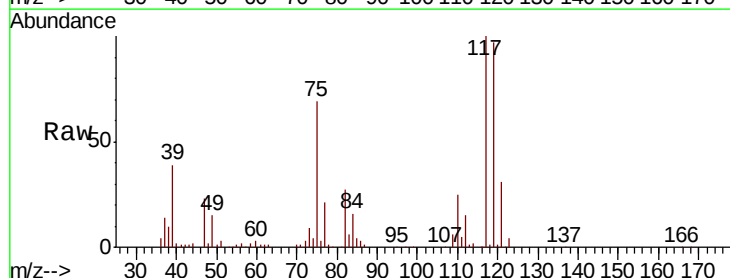
Manual Integrations
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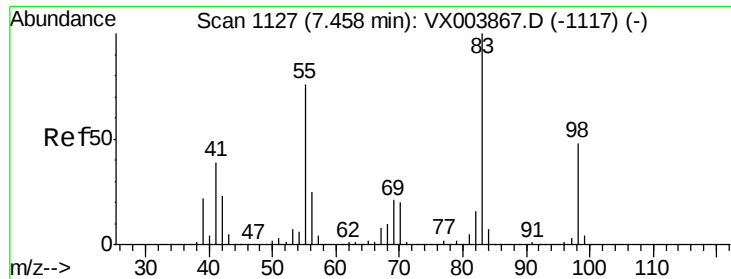
MMDadoda
8/8/2018 12:01:04 PM



#38
Carbon Tetrachloride
Concen: 19.53 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion:	117	Resp:	104536
Ion Ratio	Lower	Upper	
117	100		
119	96.9	79.5	119.3
121	31.3	25.0	37.4





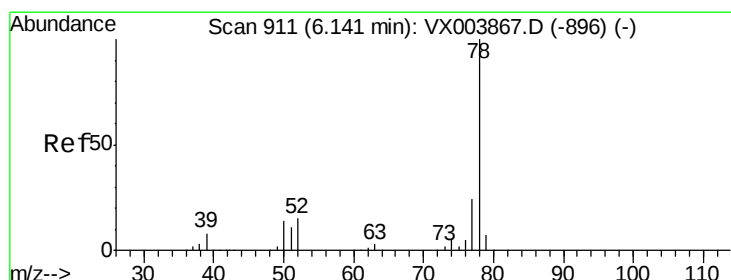
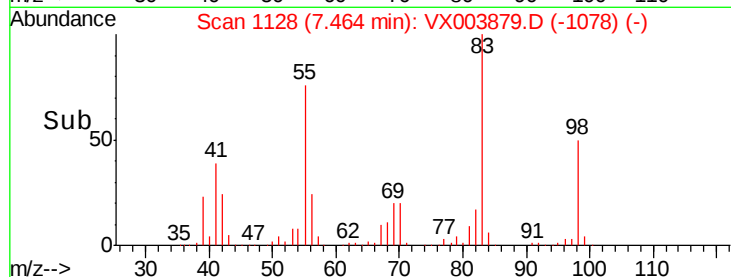
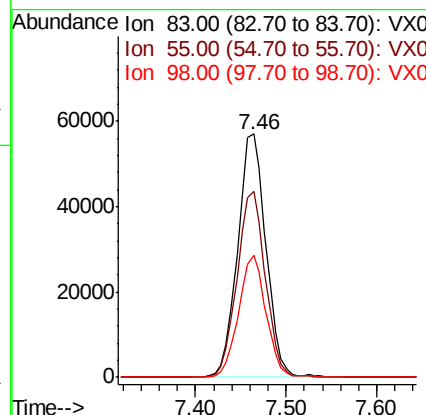
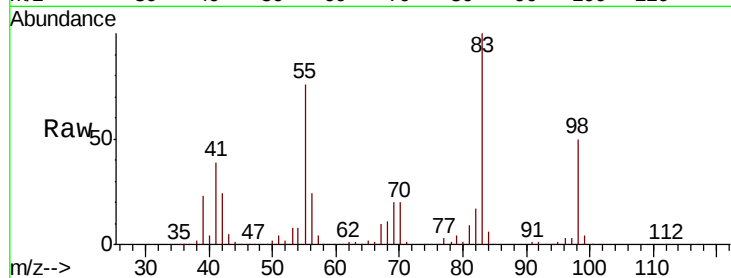
#39
Methvlcvclohexane
Concen: 18.61 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	123401		
55	76.3	61.0	91.6	
98	50.2	38.6	57.8	

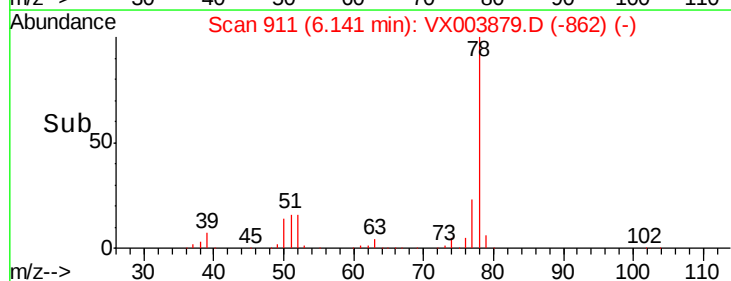
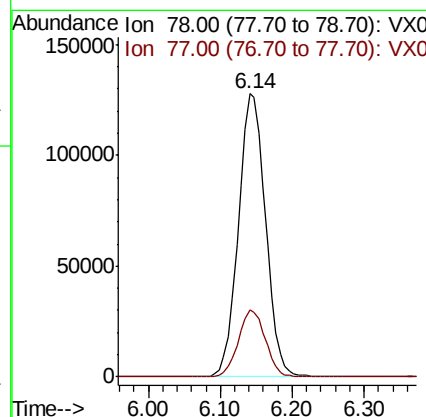
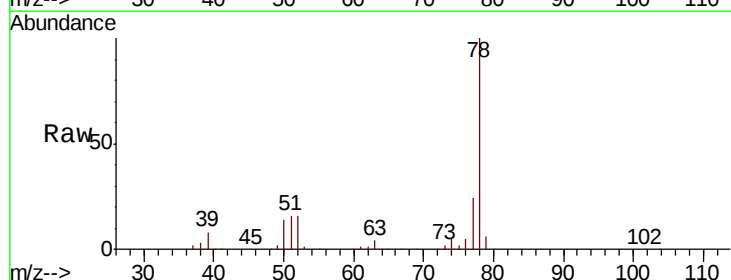
Manual Integrations
APPROVED

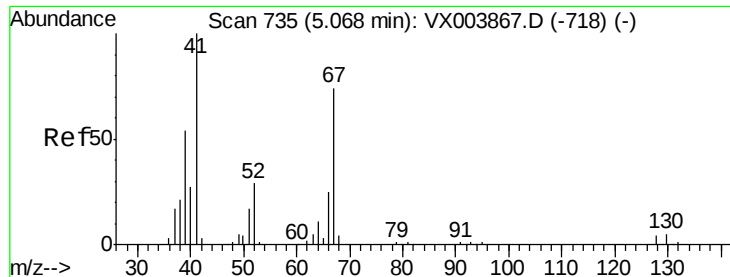
MMDadoda
8/8/2018 12:01:04 PM



#40
Benzene
Concen: 19.78 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	334011		
77	23.8	19.0	28.4	





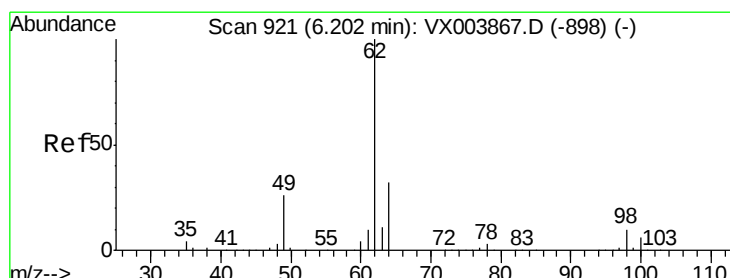
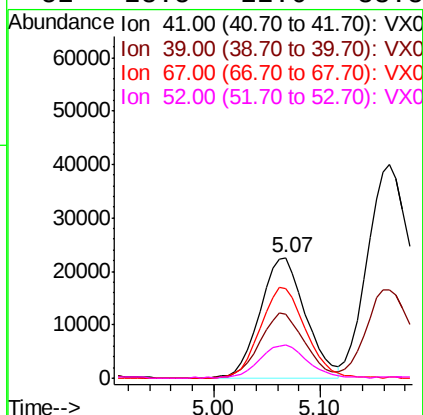
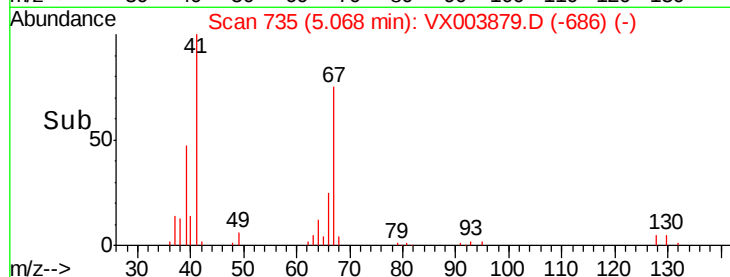
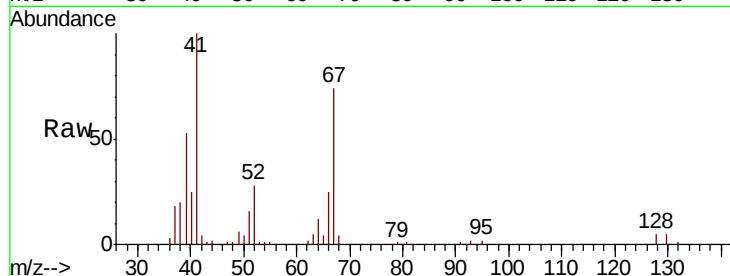
#41
Methacrylonitrile
Concen: 19.82 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.7	64.1	
67	74.8	58.9	88.3	
52	28.5	22.6	33.8	

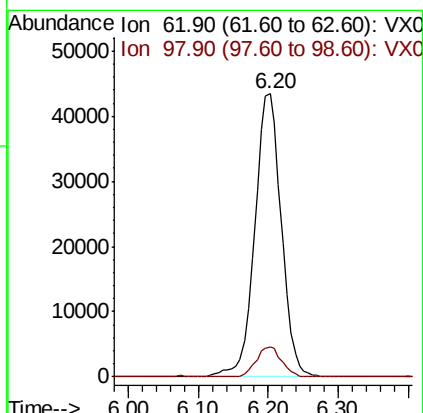
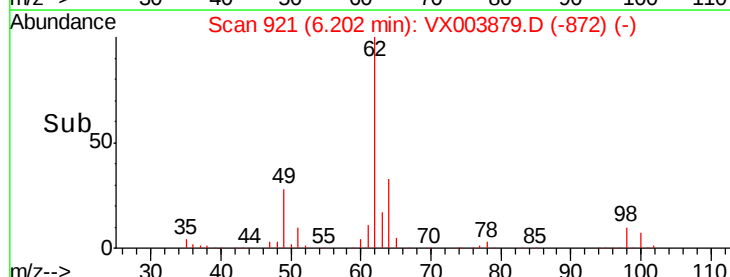
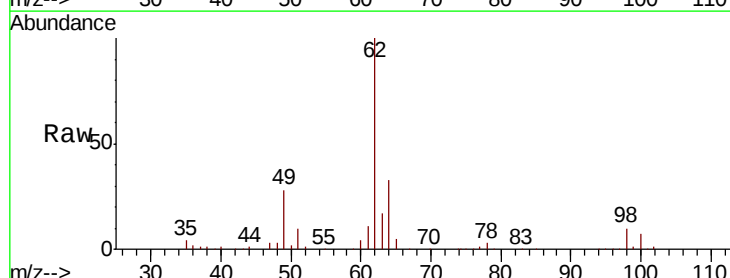
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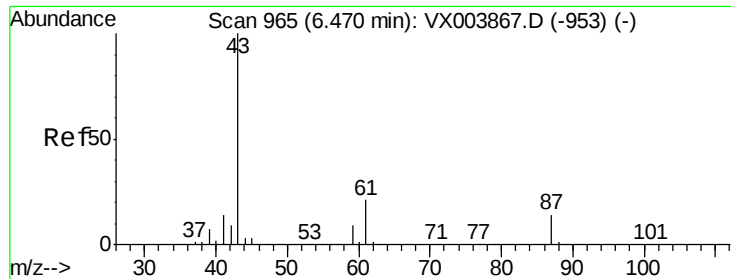
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.94 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.4	





#43

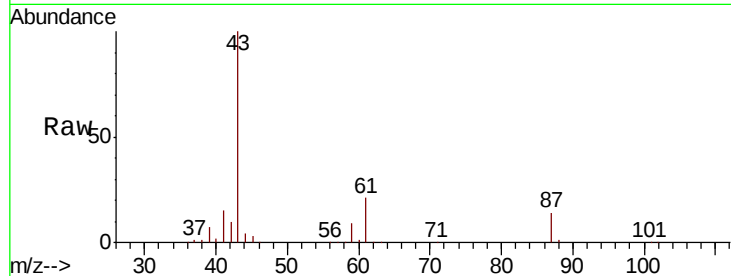
Isopropyl Acetate
 Concen: 19.58 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

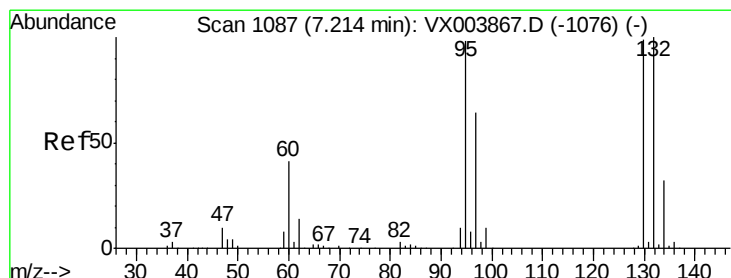
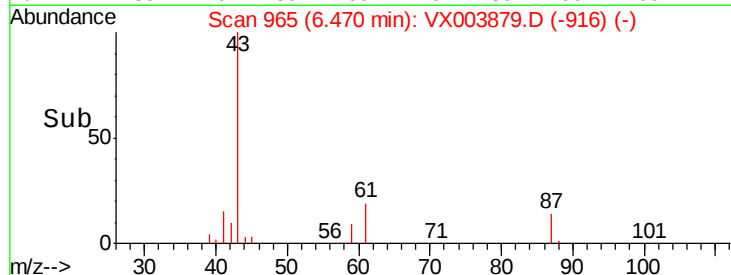
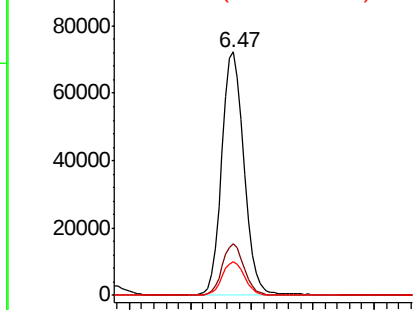
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.9	25.3
87	14.0	11.3	16.9

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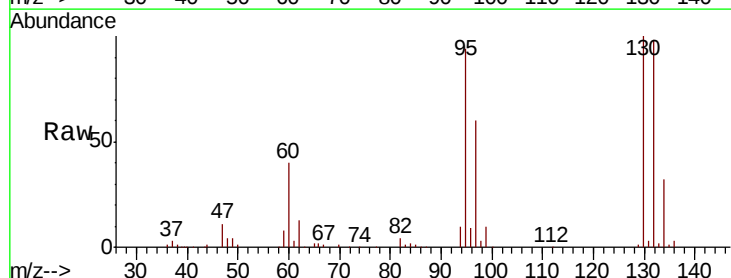
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



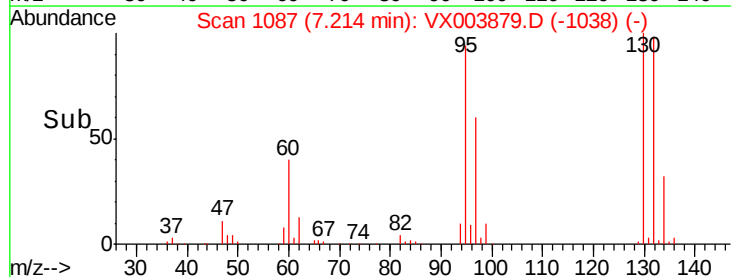
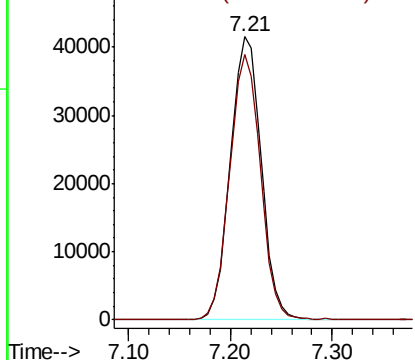
#44

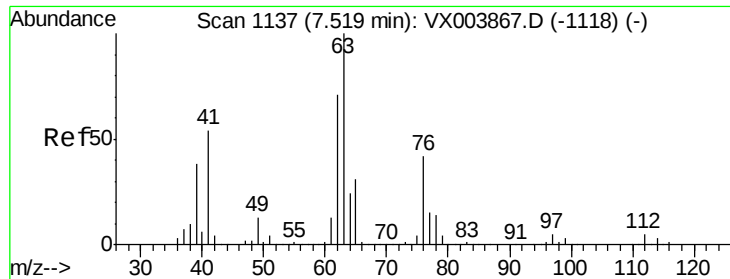
Trichloroethene
 Concen: 18.89 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	199.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





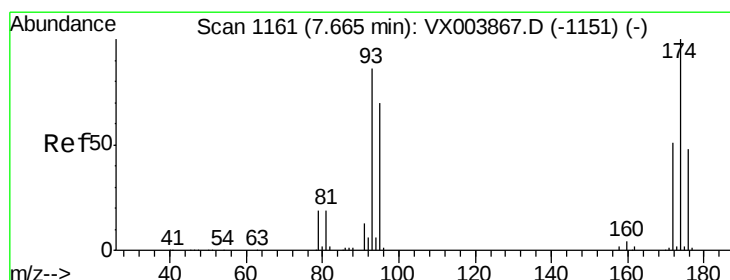
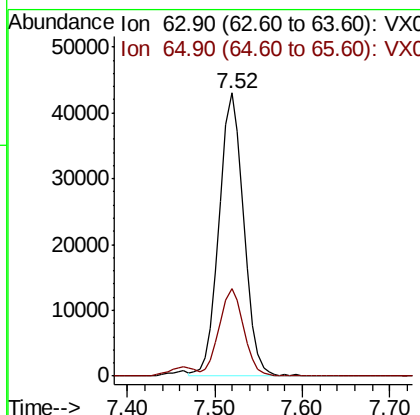
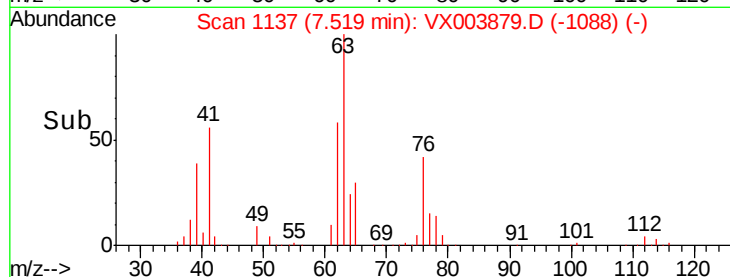
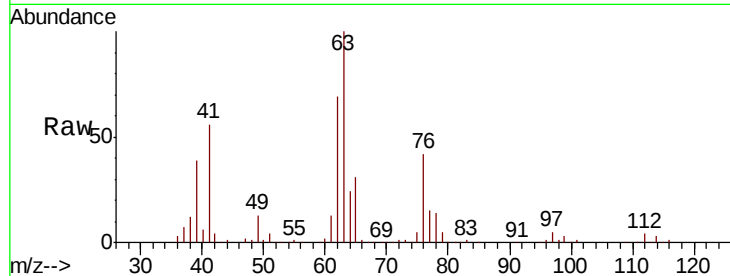
#45
 1,2-Dichloropropane
 Concen: 19.35 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion: 63 Resp: 84365
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8

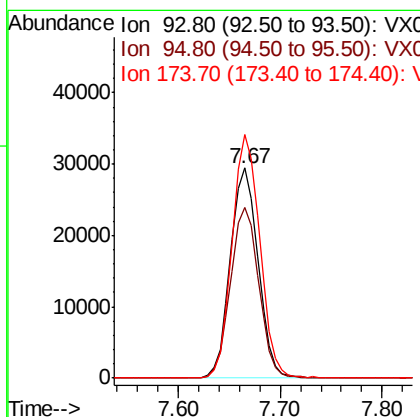
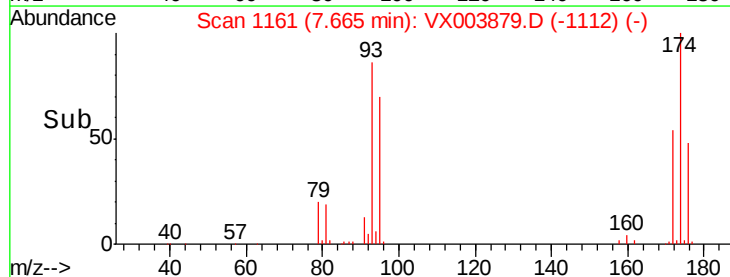
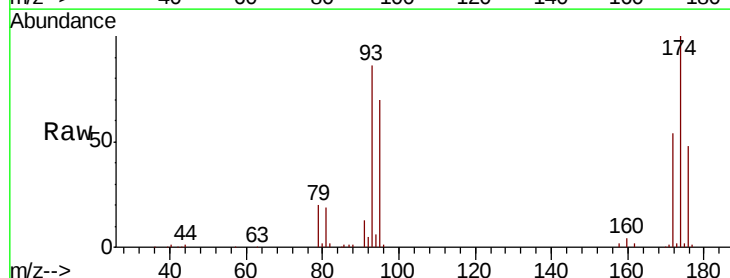
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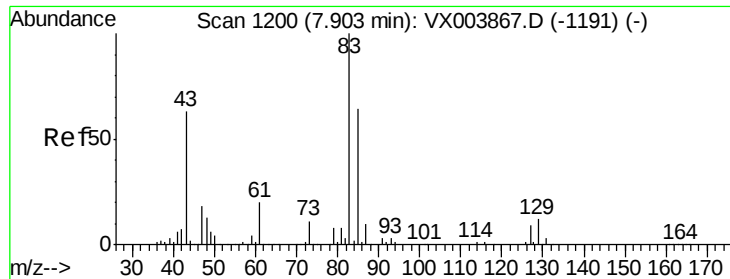
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#46
 Dibromomethane
 Concen: 19.60 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 93 Resp: 55498
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 115.8 94.3 141.5





#47

Bromodichloromethane

Concen: 19.36 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

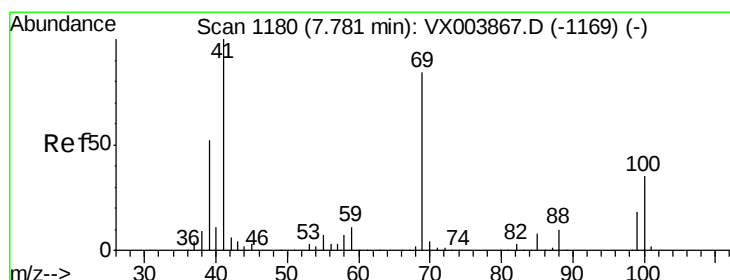
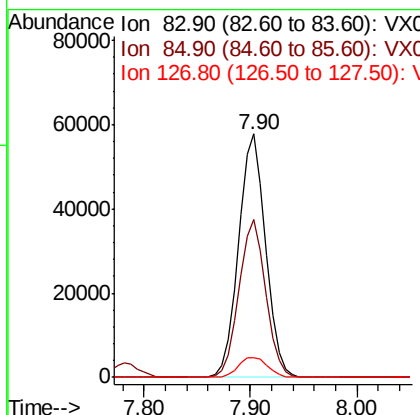
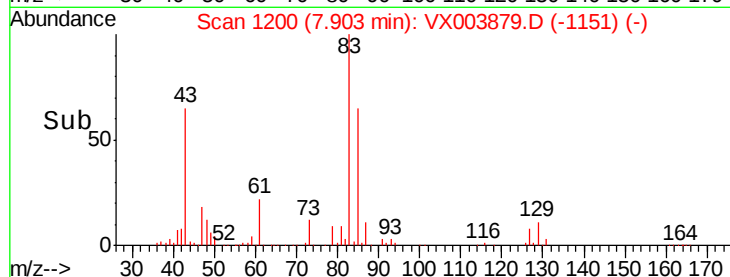
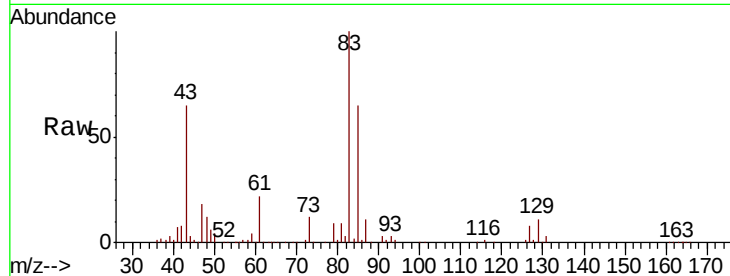
ClientSampleId :

VX0807WBSD01

Tot Ion:	83	Resp:	103217
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.2	76.8
127	8.2	7.2	10.8

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#48

Methyl methacrylate

Concen: 19.56 ug/l

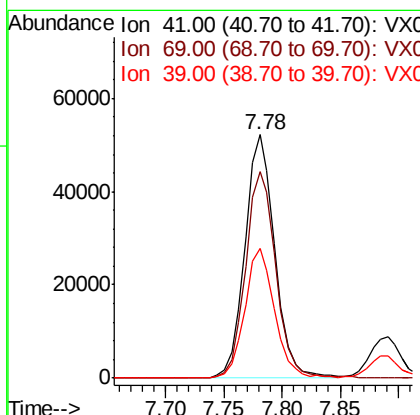
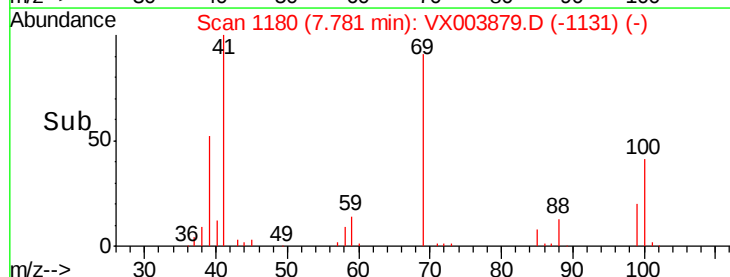
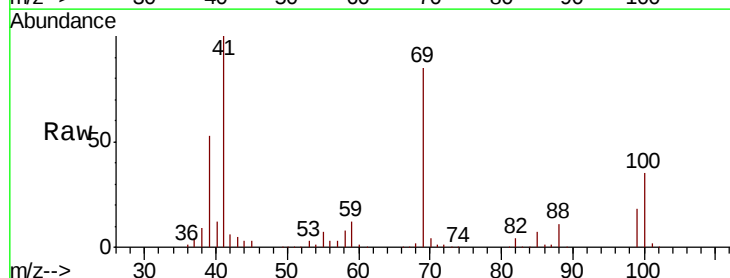
RT: 7.78 min Scan# 1180

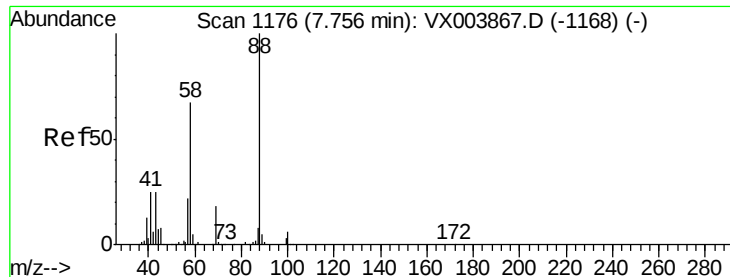
Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion:	41	Resp:	92544
Ion Ratio	Lower	Upper	
41	100		
69	87.1	68.8	103.2
39	53.4	42.3	63.5





#49

1,4-Dioxane

Concen: 395.95 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

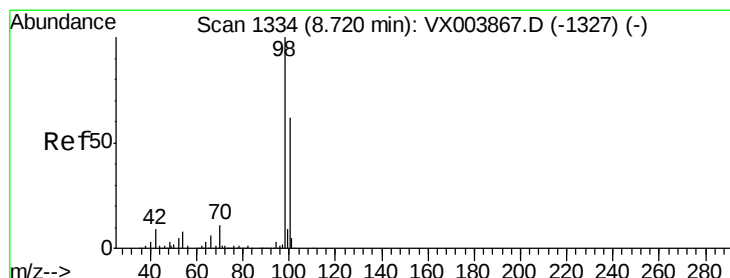
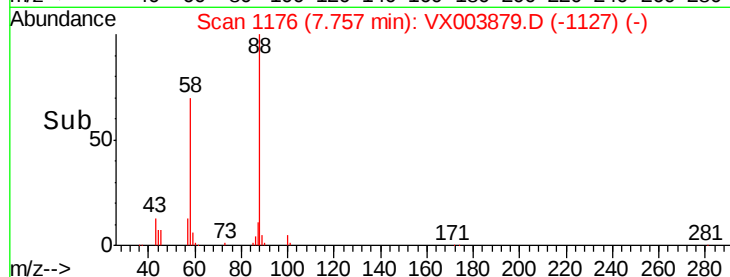
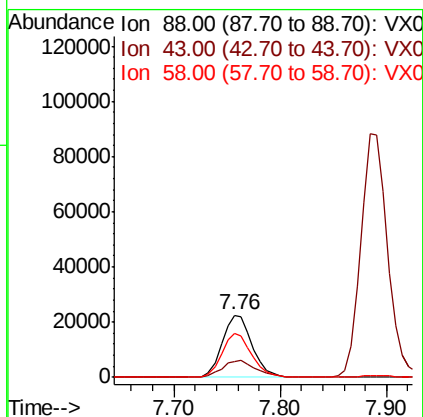
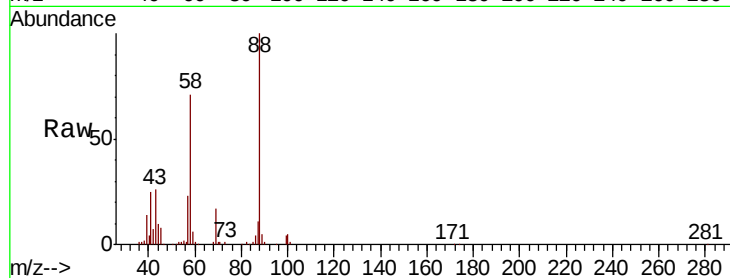
ClientSampleId :

VX0807WBSD01

Tot Ion:	88	Resp:	44134
Ion	Ratio	Lower	Upper
88	100		
43	31.2	23.8	35.8
58	71.3	55.4	83.0

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#50

Toluene-d8

Concen: 51.44 ug/l

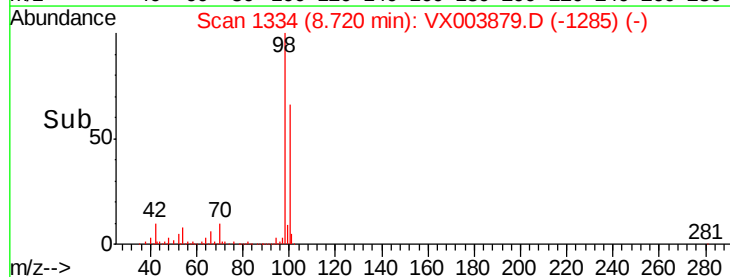
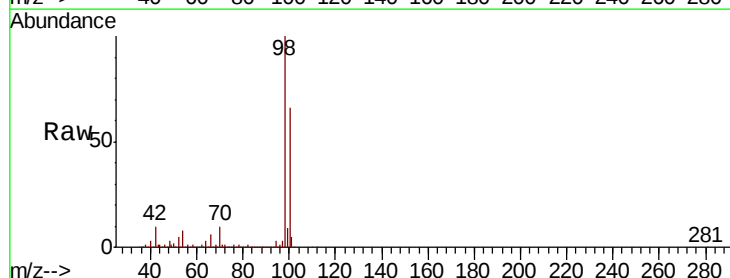
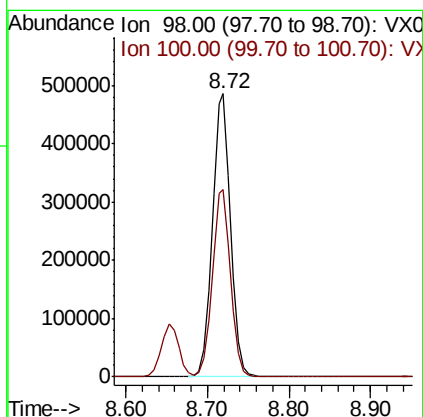
RT: 8.72 min Scan# 1334

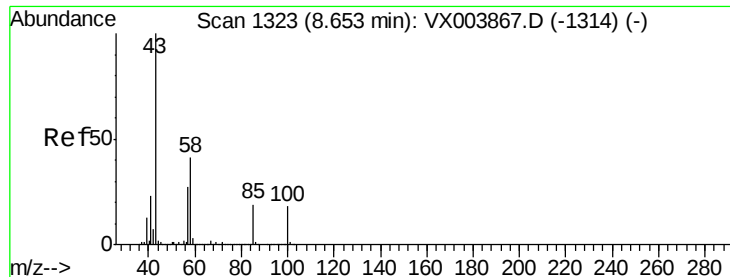
Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion:	98	Resp:	760866
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 102.62 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 43 Resp: 791782

Ion Ratio Lower Upper

43 100

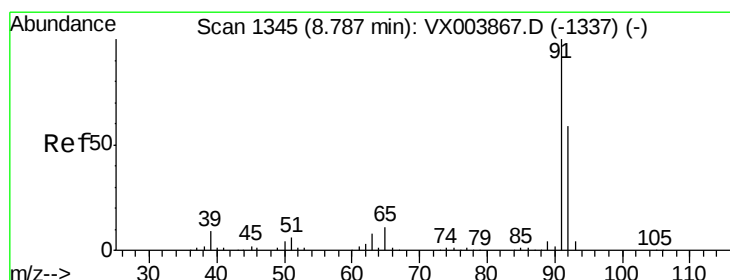
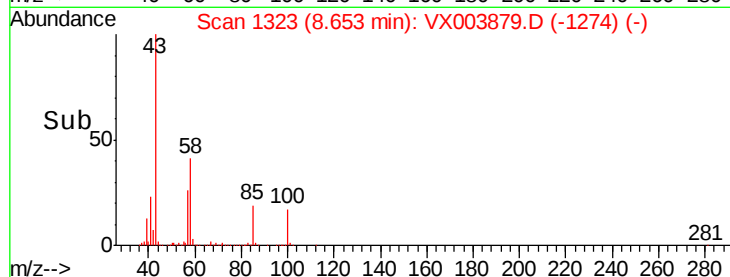
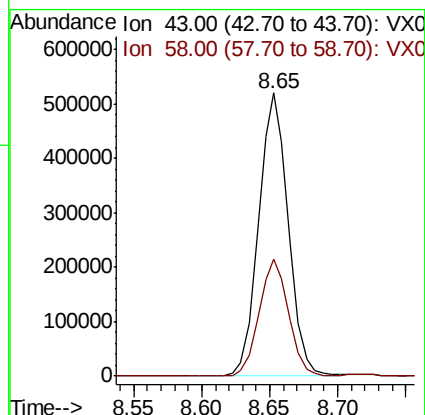
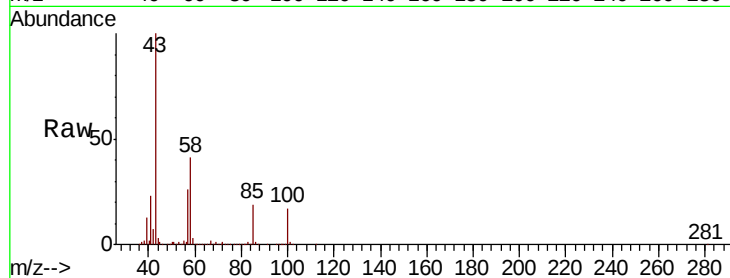
58 41.0 33.0 49.6

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#52

Toluene

Concen: 19.90 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003879.D

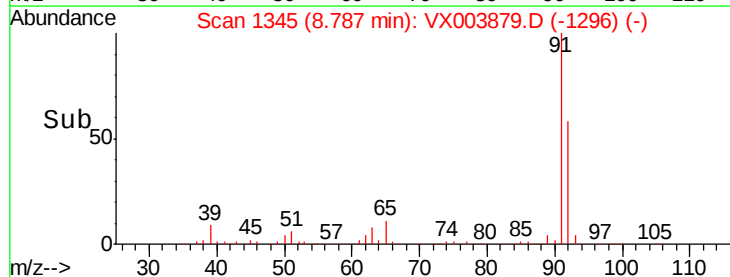
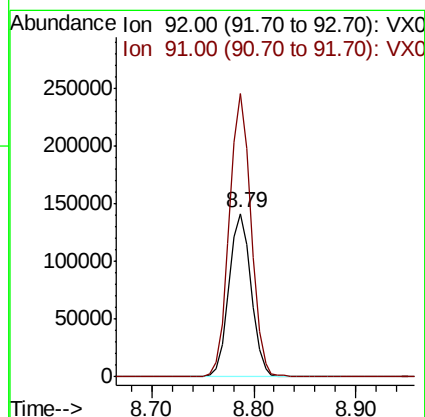
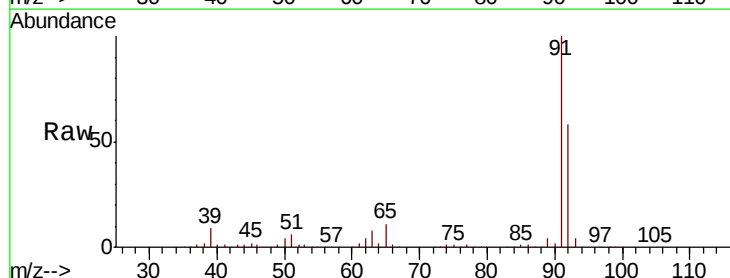
Acq: 07 Aug 2018 14:19

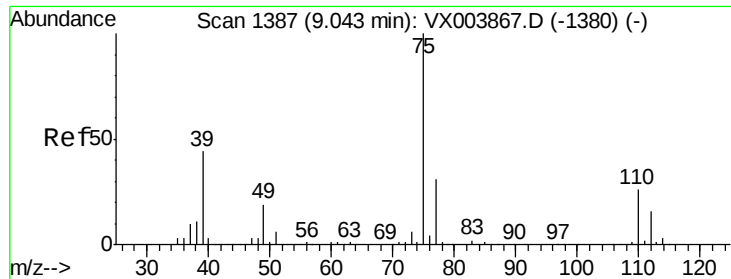
Tgt Ion: 92 Resp: 212357

Ion Ratio Lower Upper

92 100

91 170.4 136.1 204.1





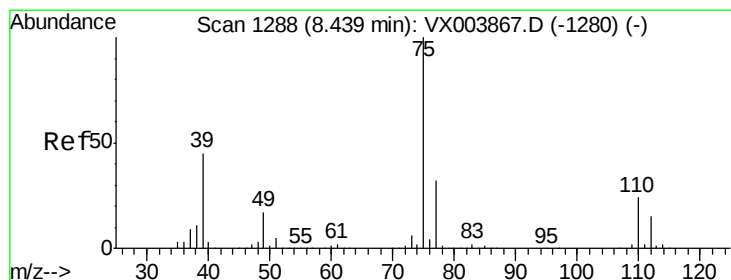
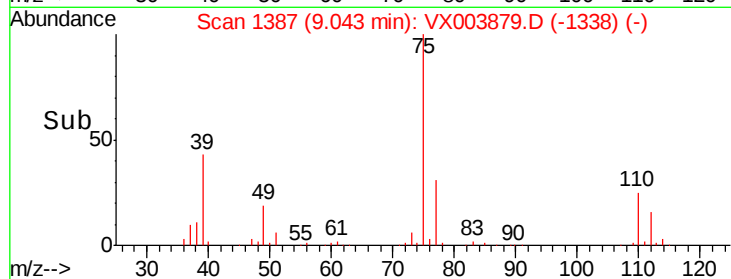
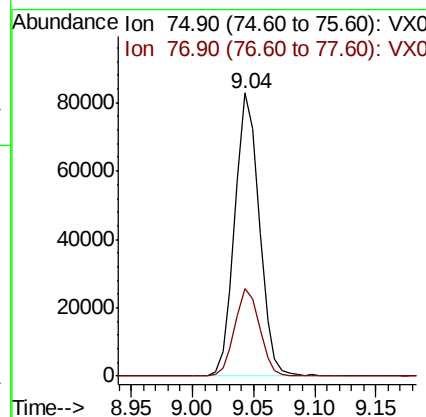
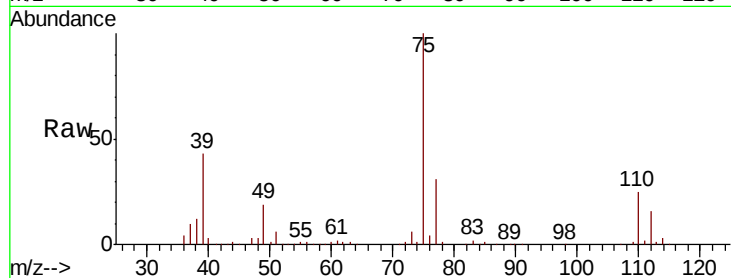
#53
t-1,3-Dichloropropene
Concen: 18.97 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.1	37.7

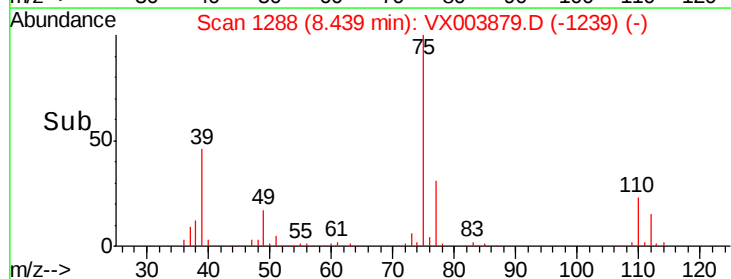
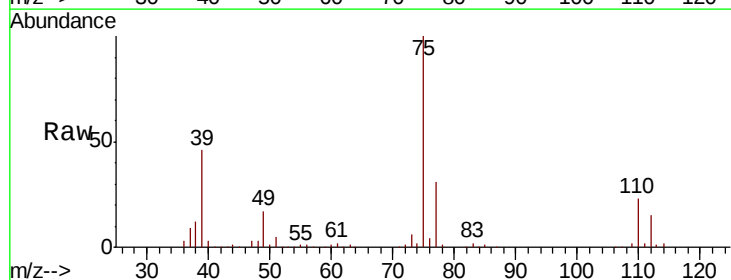
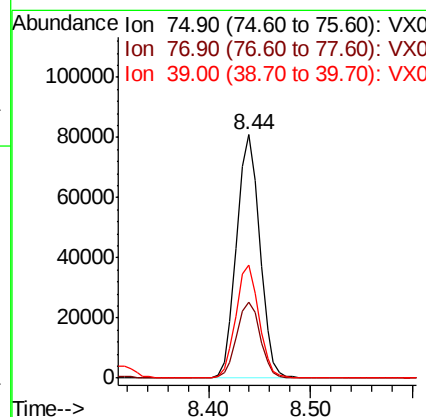
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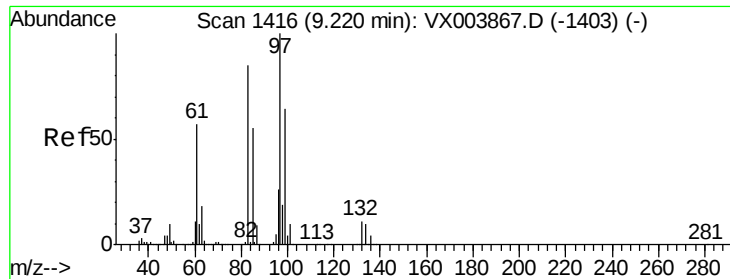
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#54
cis-1,3-Dichloropropene
Concen: 19.55 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.3	37.9
39	46.2	36.2	54.2





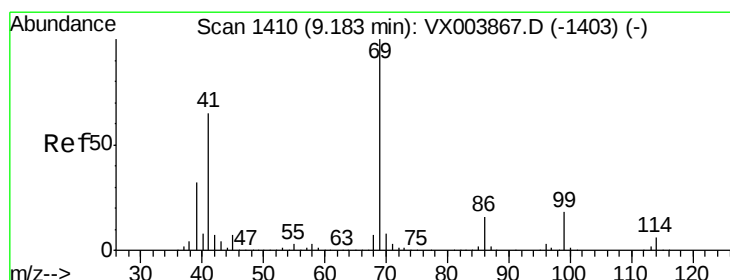
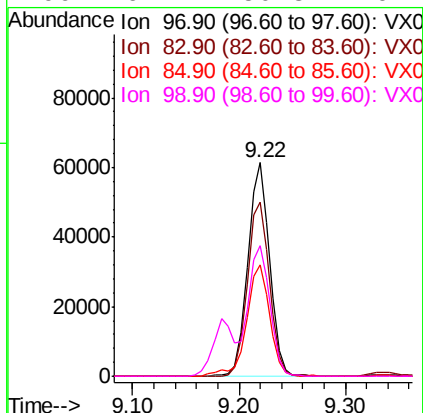
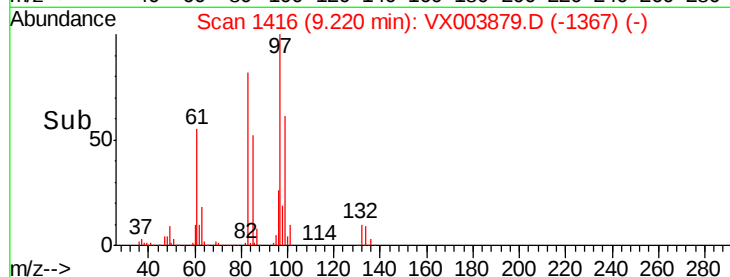
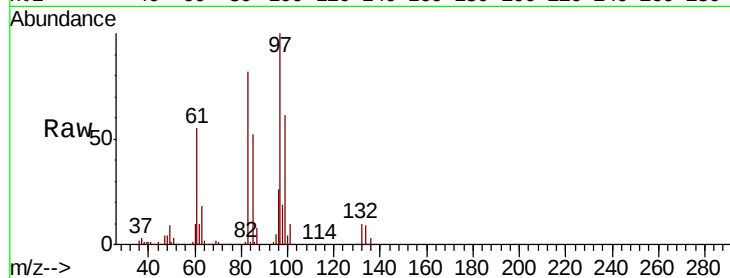
#55
 1,1,2-Trichloroethane
 Concen: 20.14 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion	97	Resp	87789
Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.8	101.6
85	52.0	44.2	66.2
99	61.1	50.8	76.2

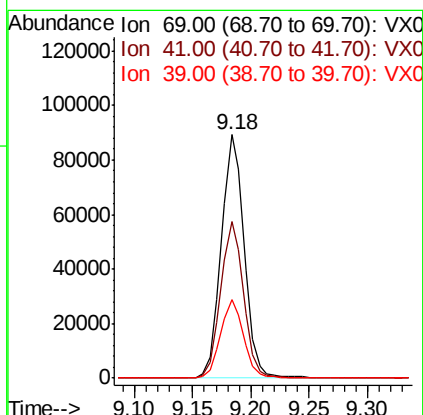
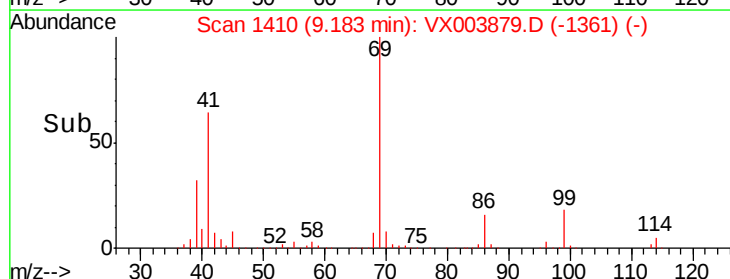
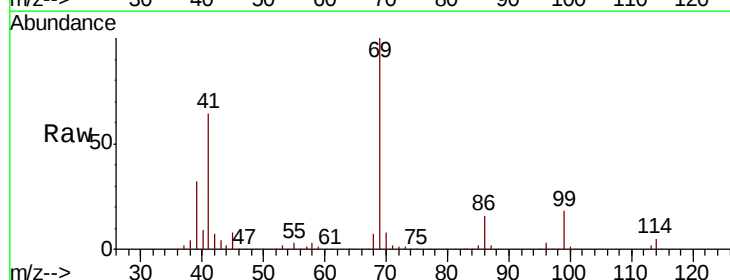
Manual Integrations
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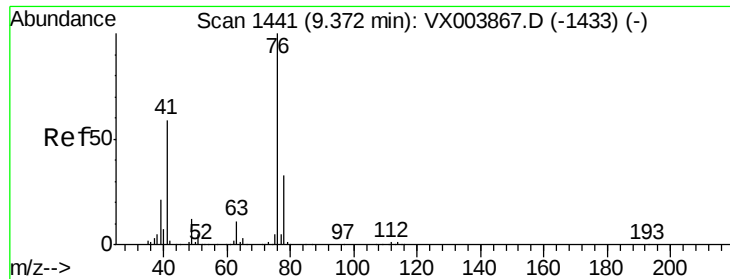
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#56
 Ethyl methacrylate
 Concen: 19.16 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	69	Resp	121200
Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.6	76.0
39	32.3	25.8	38.6





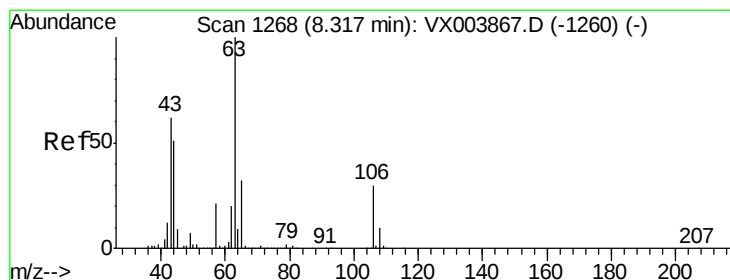
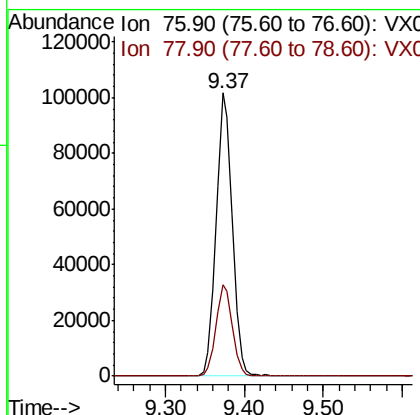
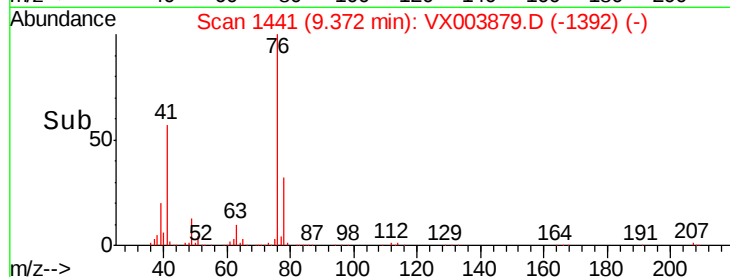
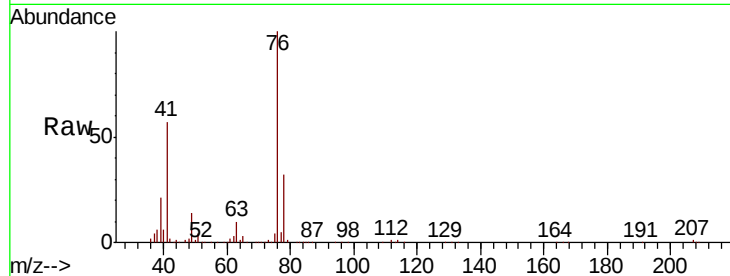
#57
 1,3-Dichloropropane
 Concen: 19.91 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion: 76 Resp: 145275
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9

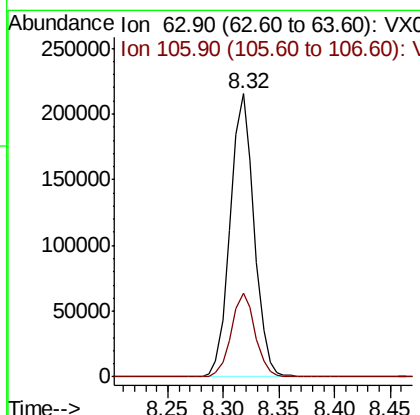
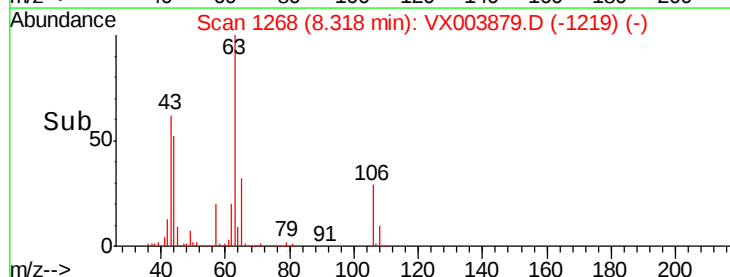
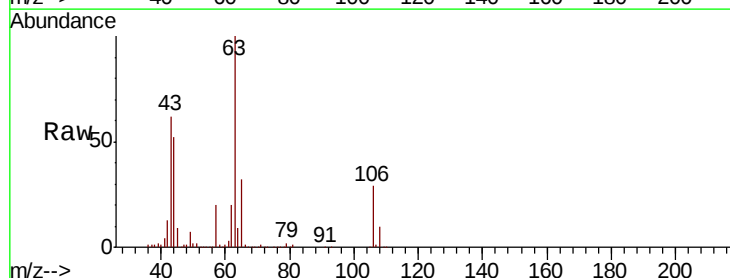
Manual Integrations
 APPROVED

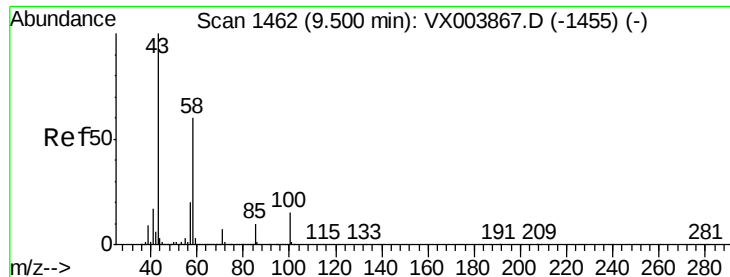
MMDadoda
 8/8/2018 12:01:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.10 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion: 63 Resp: 320686
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.8





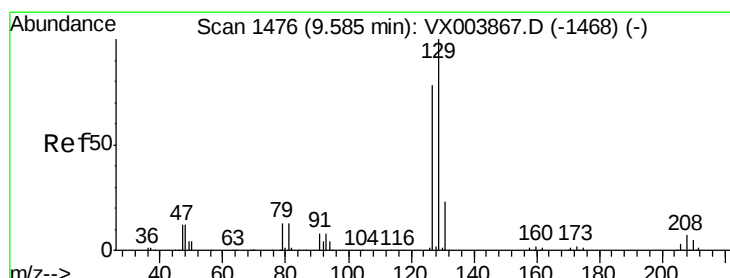
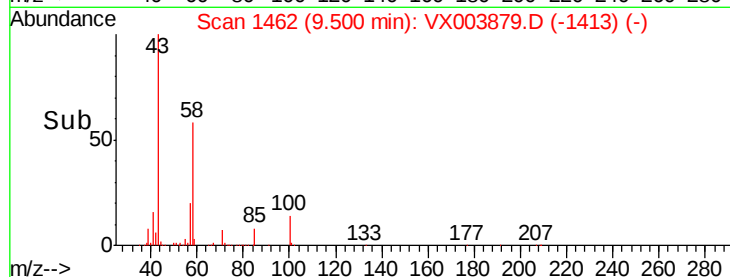
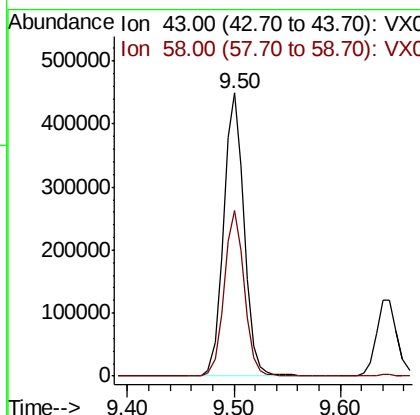
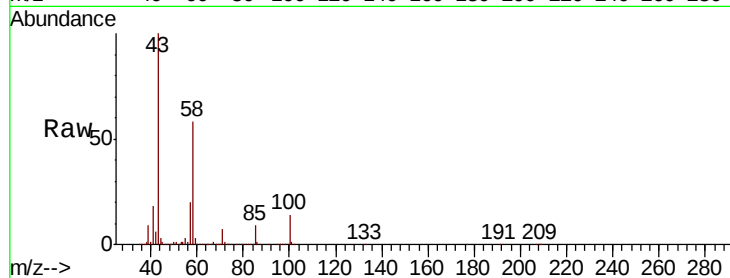
#59
2-Hexanone
Concen: 104.73 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.6	29.0	87.0

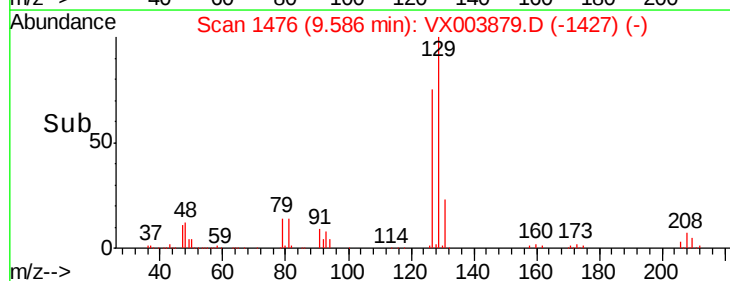
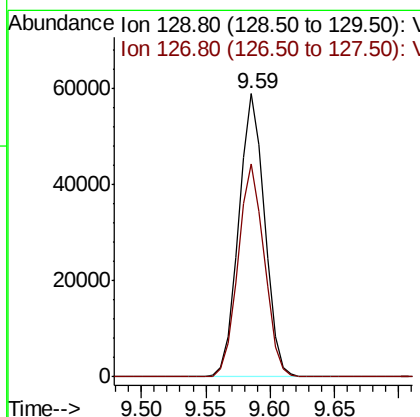
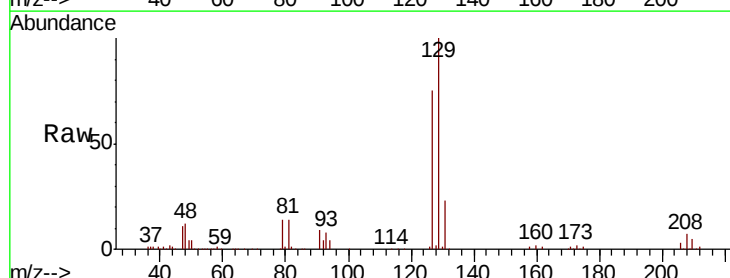
Manual Integrations
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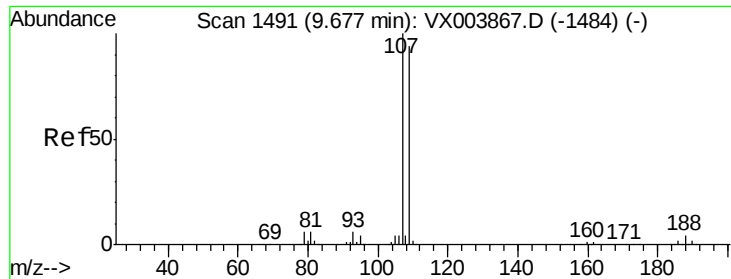
MMDadoda
8/8/2018 12:01:04 PM



#60
Dibromochloromethane
Concen: 20.18 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.8	116.3





#61

1,2-Dibromoethane

Concen: 20.22 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion:107 Resp: 88270

Ion Ratio Lower Upper

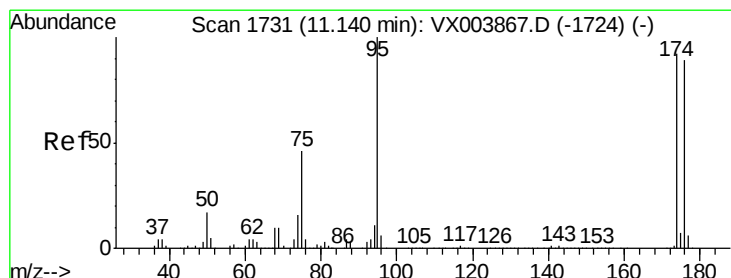
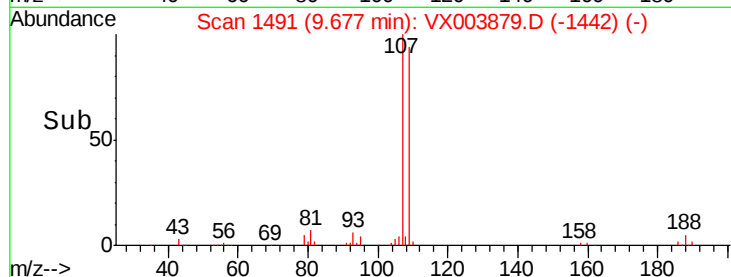
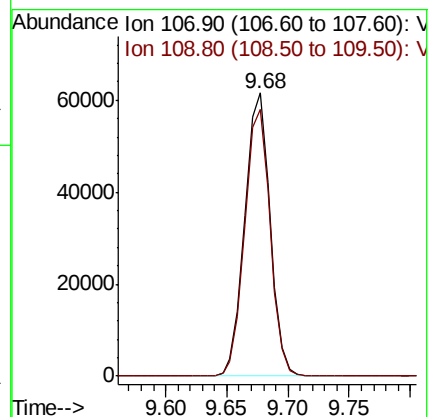
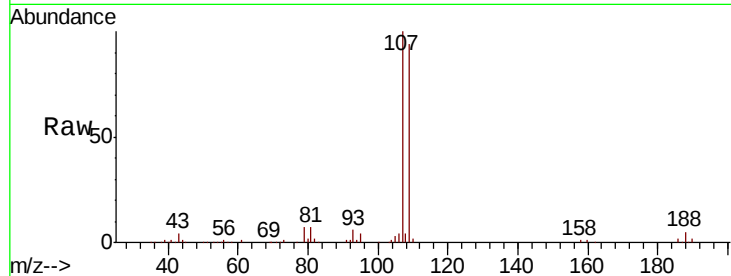
107 100

109 94.9 75.8 113.8

Manual Integrations
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MMDadoda

8/8/2018 12:01:04 PM



#62

4-Bromofluorobenzene

Concen: 57.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

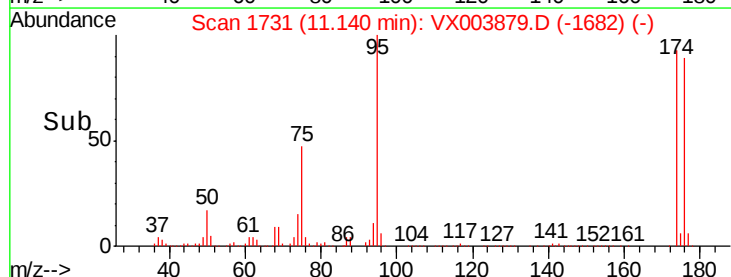
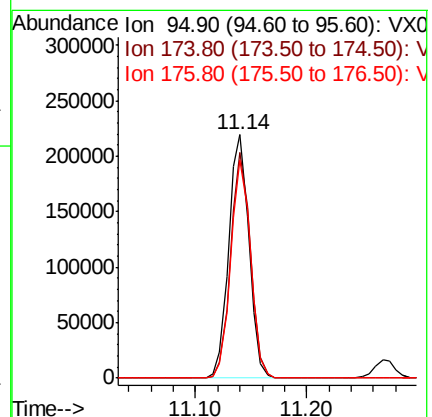
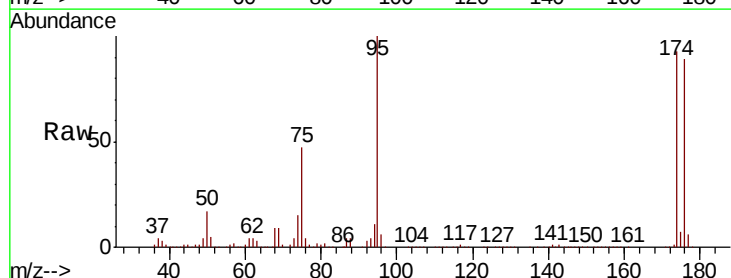
Tgt Ion: 95 Resp: 275387

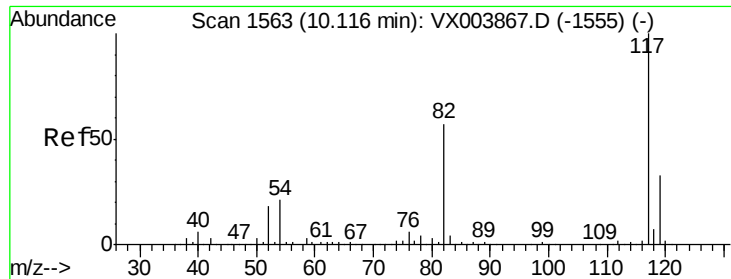
Ion Ratio Lower Upper

95 100

174 90.7 0.0 182.8

176 88.0 0.0 179.0





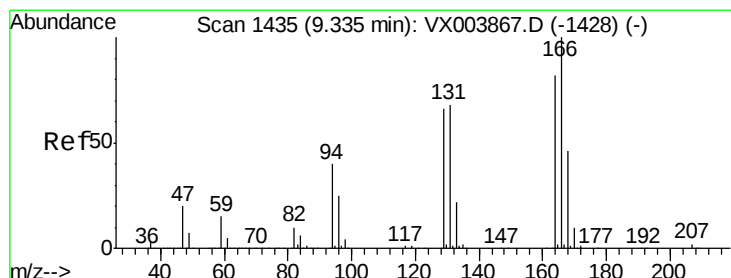
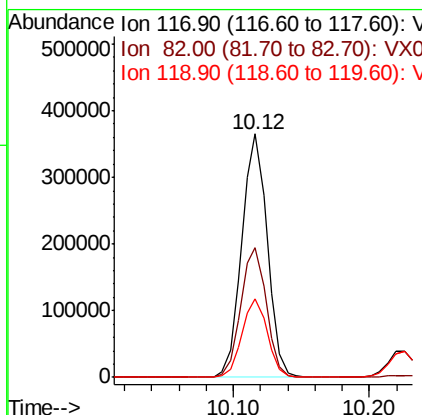
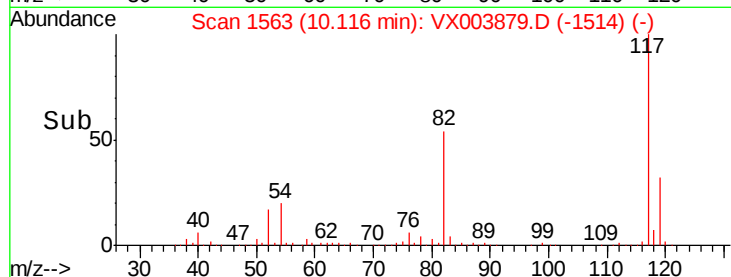
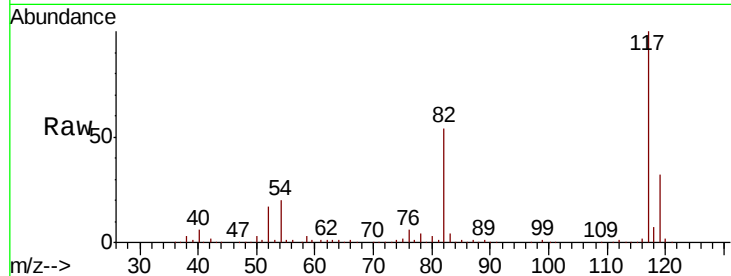
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.4	68.0
119	32.0	26.6	40.0

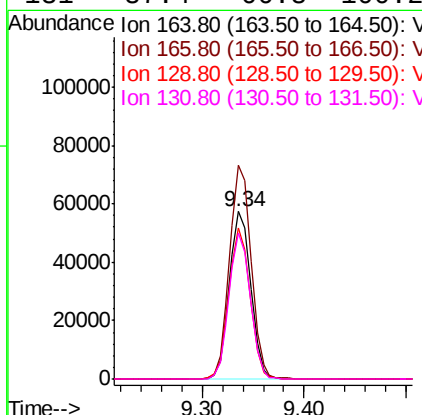
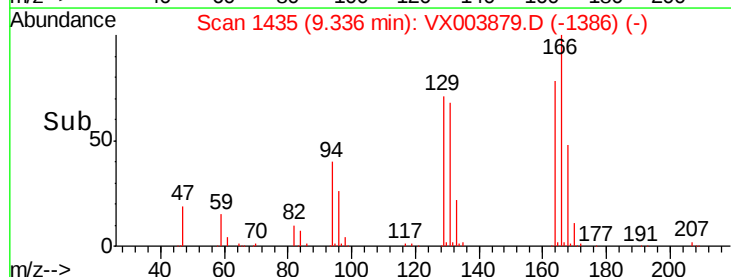
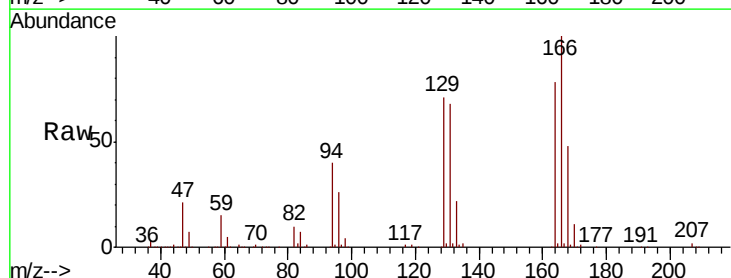
Manual Integrations
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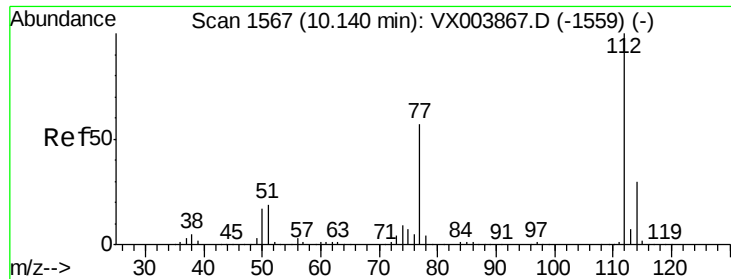
MMDadoda
8/8/2018 12:01:04 PM



#64
Tetrachloroethene
Concen: 17.74 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	98.0	147.0
129	90.4	64.3	96.5
131	87.4	66.8	100.2





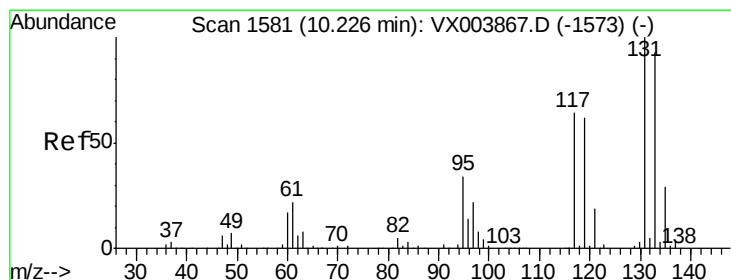
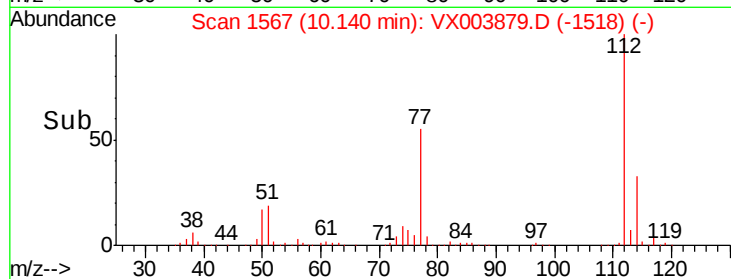
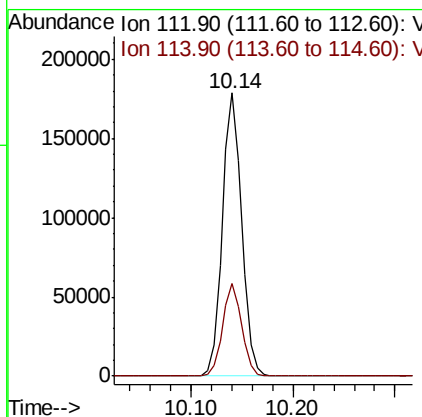
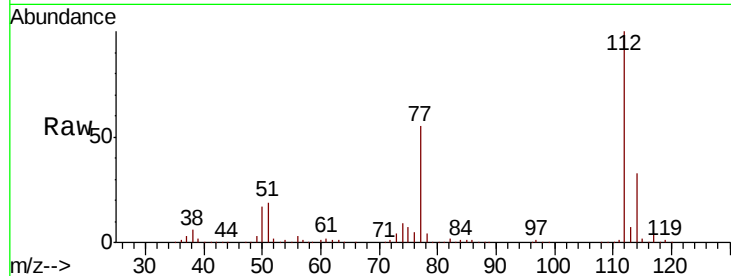
#65
Chlorobenzene
Concen: 18.95 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion:112 Resp: 235238
Ion Ratio Lower Upper
112 100
114 32.7 23.6 35.4

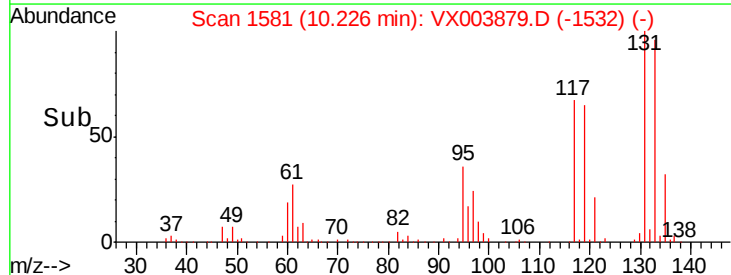
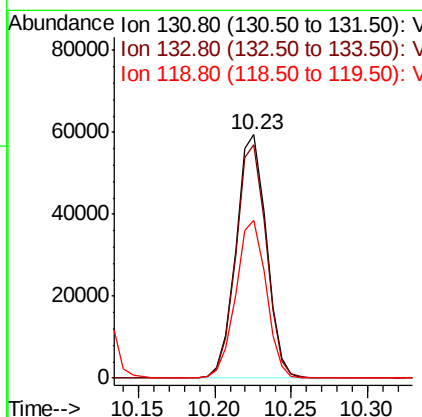
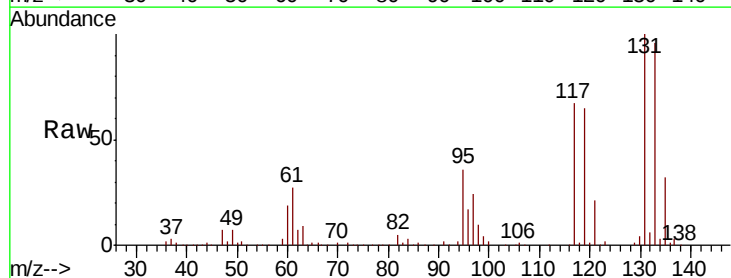
Manual Integrations
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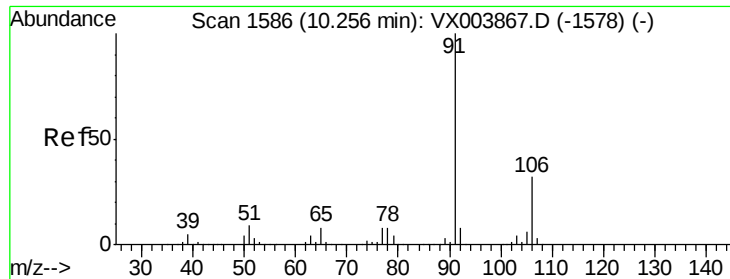
MMDadoda
8/8/2018 12:01:04 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.22 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion:131 Resp: 82044
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.8
119 64.7 31.6 94.8





#67

Ethyl Benzene

Concen: 19.09 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion: 91 Resp: 387914

Ion Ratio Lower Upper

91 100

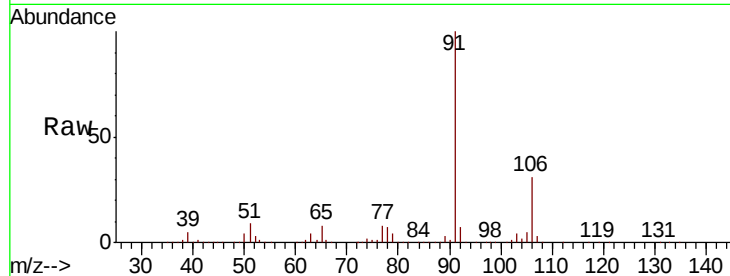
106 31.2 25.9 38.9

Manual Integrations

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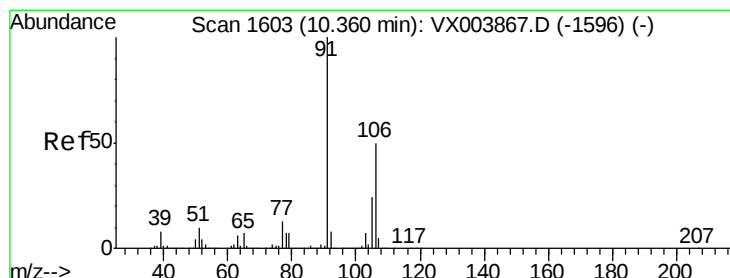
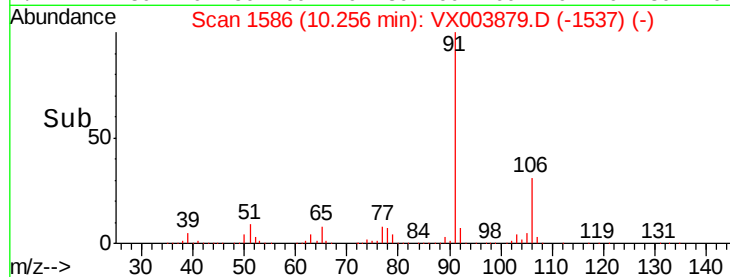
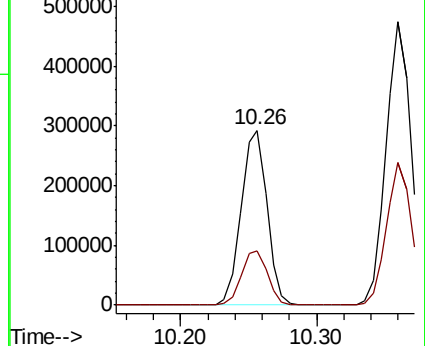
MMDadoda

8/8/2018 12:01:04 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.85 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003879.D

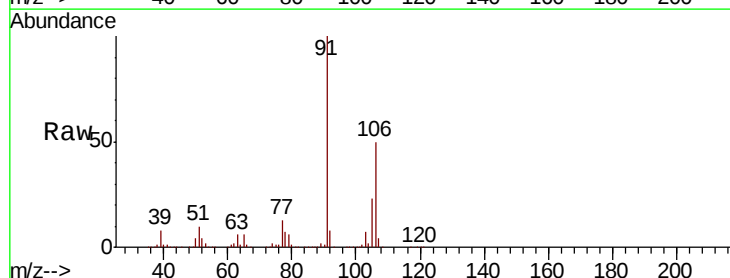
Acq: 07 Aug 2018 14:19

Tgt Ion: 106 Resp: 308506

Ion Ratio Lower Upper

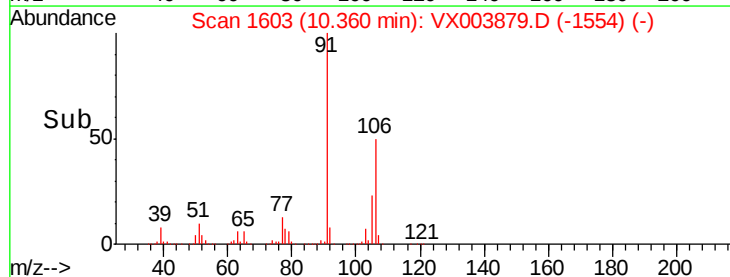
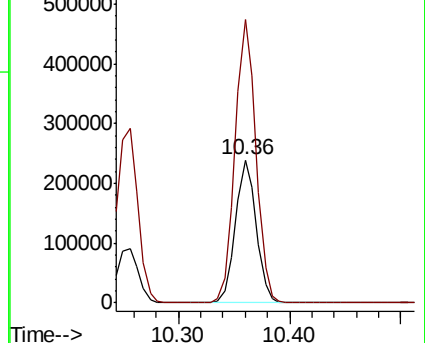
106 100

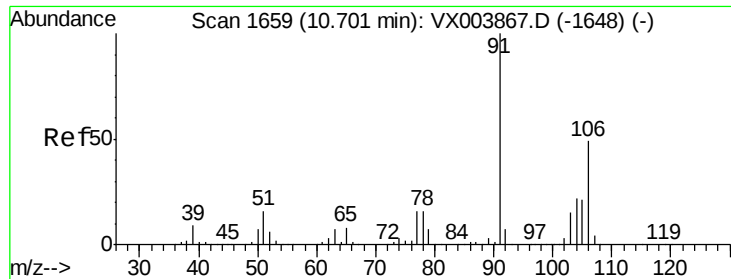
91 199.4 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





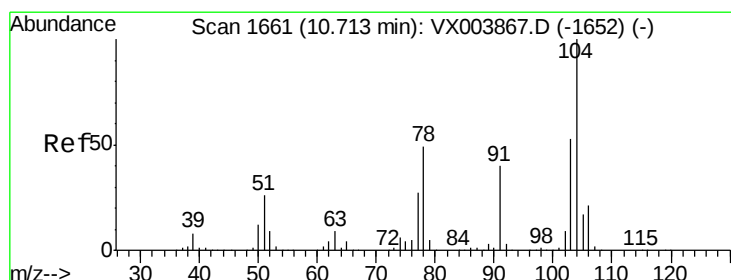
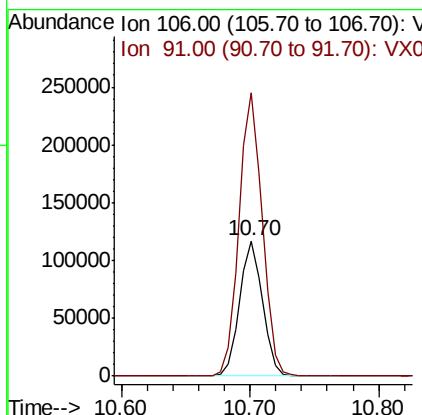
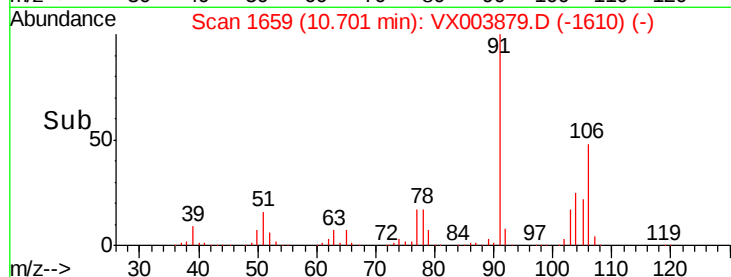
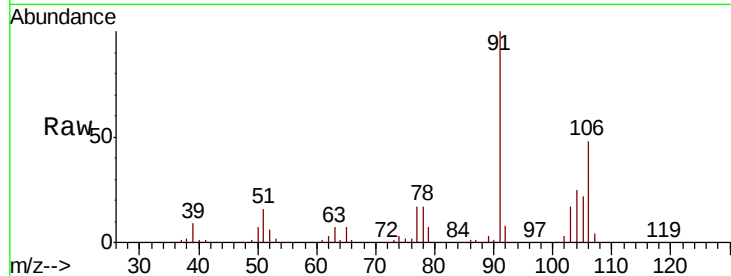
#69
o-Xylene
Concen: 19.33 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion:106 Resp: 144945
Ion Ratio Lower Upper
106 100
91 211.6 101.9 305.7

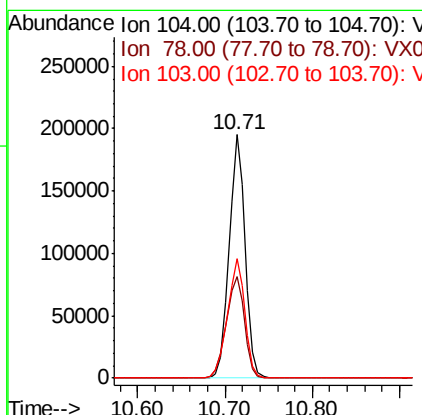
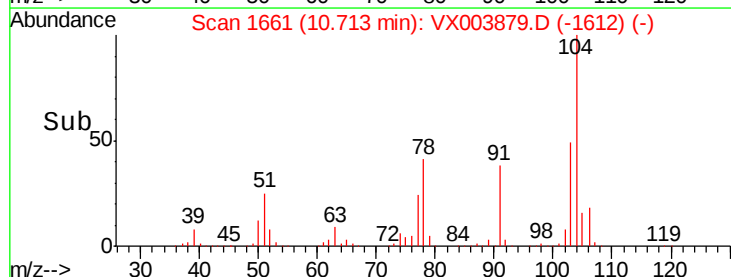
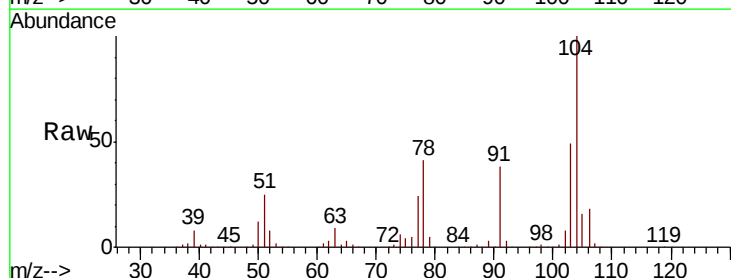
Manual Integrations
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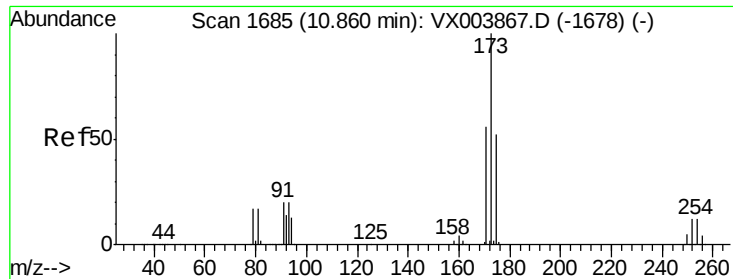
MMDadoda
8/8/2018 12:01:04 PM



#70
Styrene
Concen: 20.12 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion:104 Resp: 246935
Ion Ratio Lower Upper
104 100
78 47.6 39.8 59.6
103 53.7 44.3 66.5





#71

Bromoform

Concen: 19.36 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion:173 Resp: 63194

Ion Ratio Lower Upper

173 100

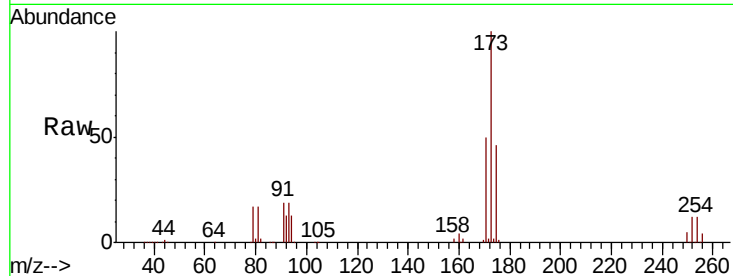
175 46.6 24.9 74.7

254 0.2 0.2 0.2

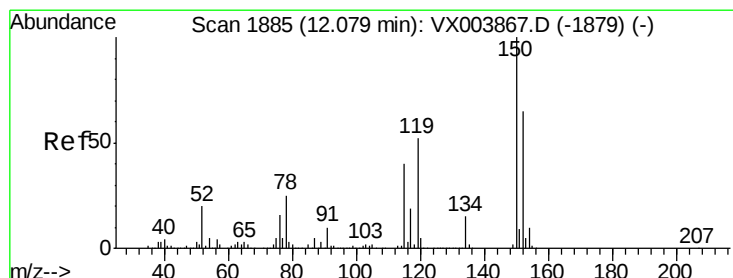
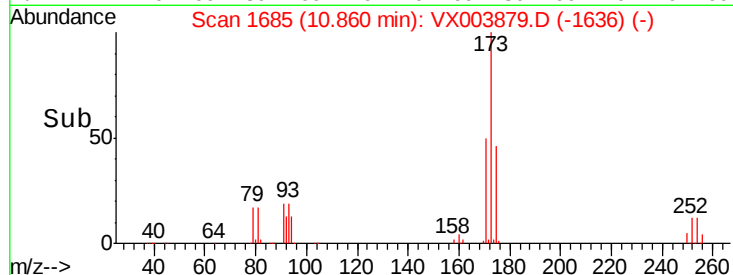
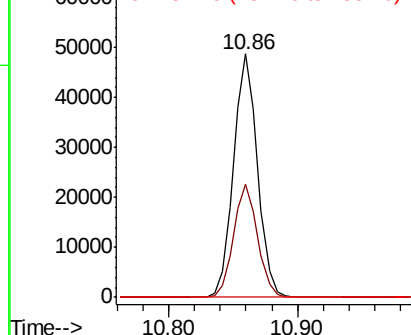
Manual Integrations
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8/8/2018 12:01:04 PM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

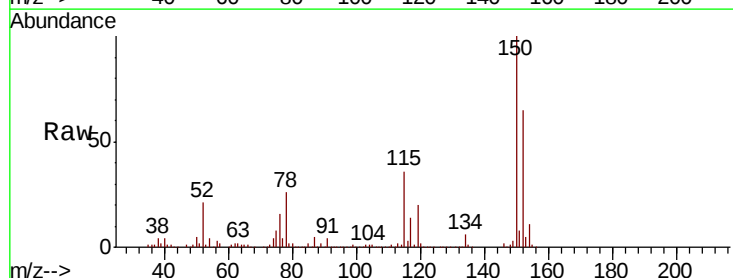
Tgt Ion:152 Resp: 250411

Ion Ratio Lower Upper

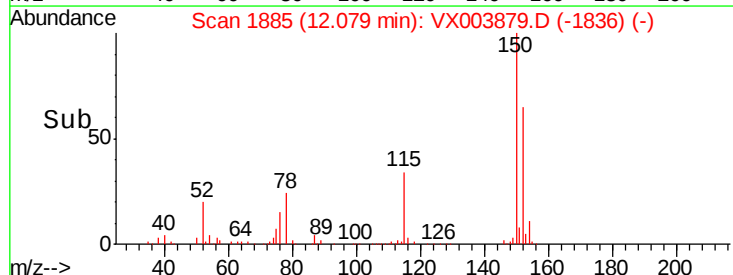
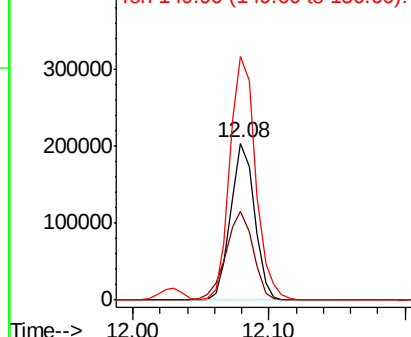
152 100

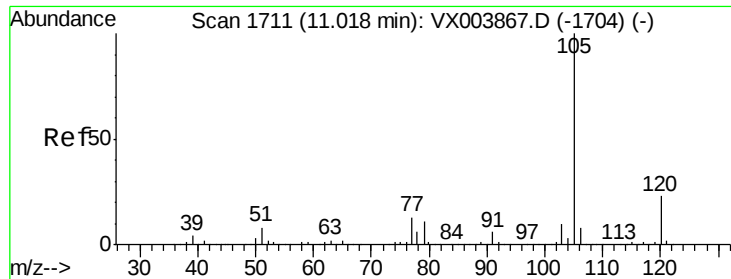
115 63.9 39.1 117.3

150 166.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.64 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD01

Tot Ion: 105 Resp: 382270

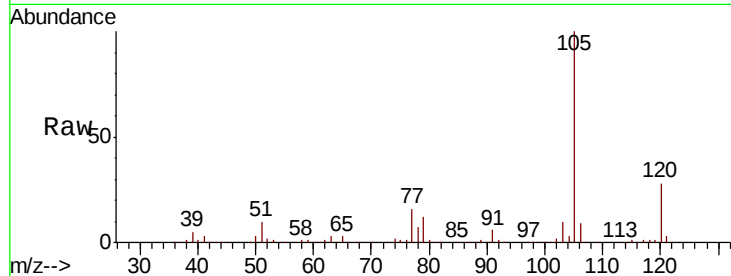
Ion Ratio Lower Upper

105 100

120 27.8 12.6 37.8

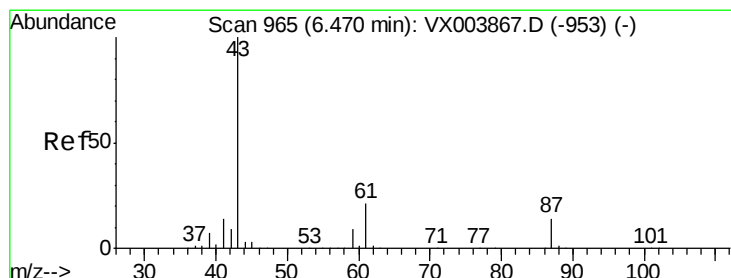
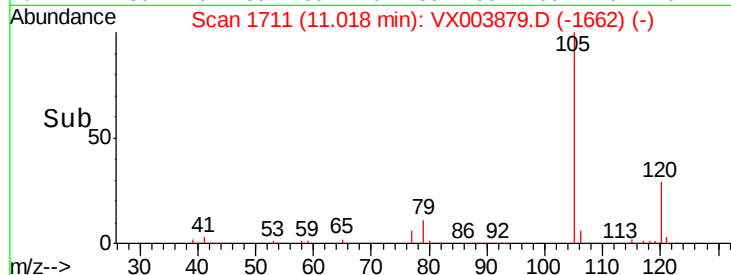
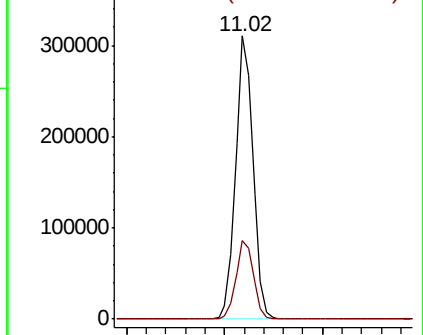
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.92 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion: 43 Resp: 182287

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

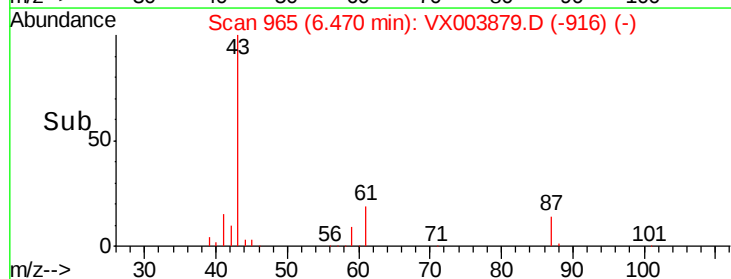
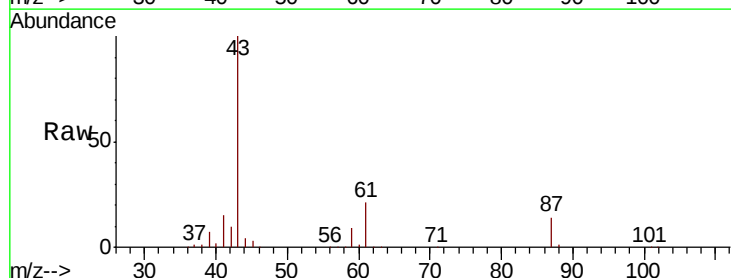
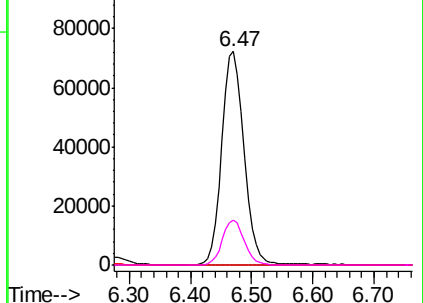
61 20.9 16.9 25.3

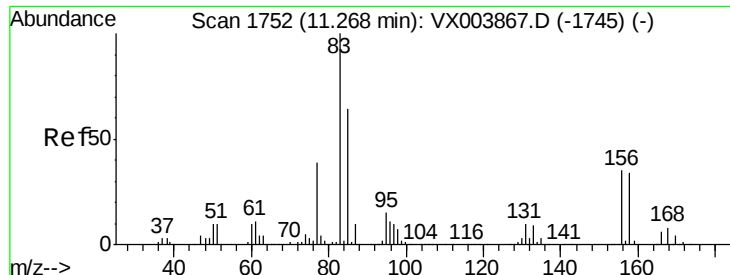
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





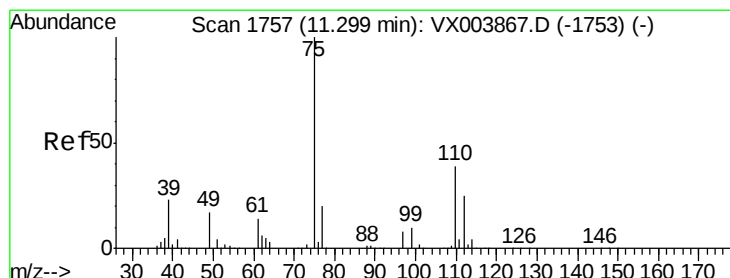
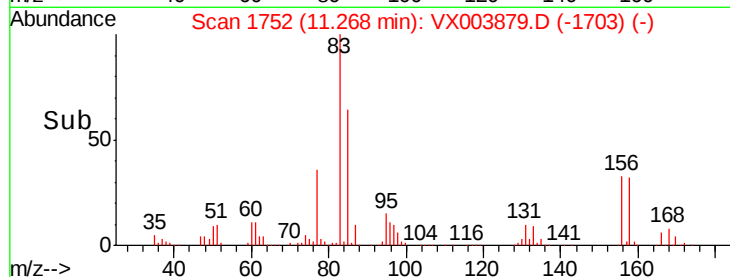
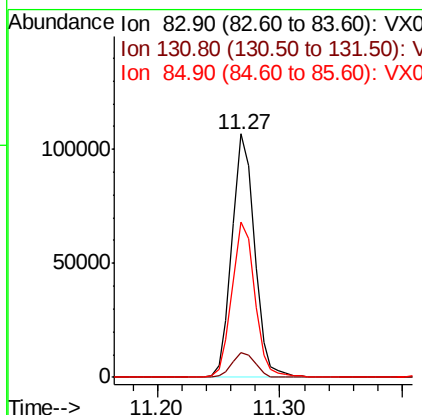
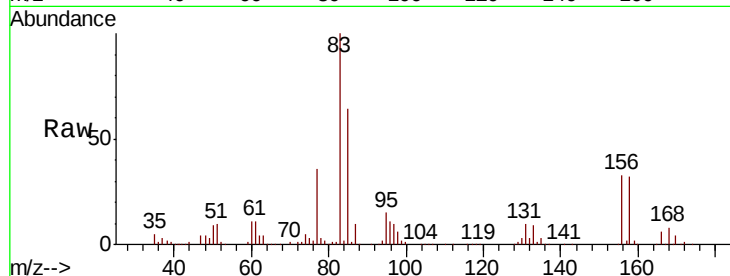
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.51 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.4	5.2	15.6	
85	64.7	32.2	96.6	

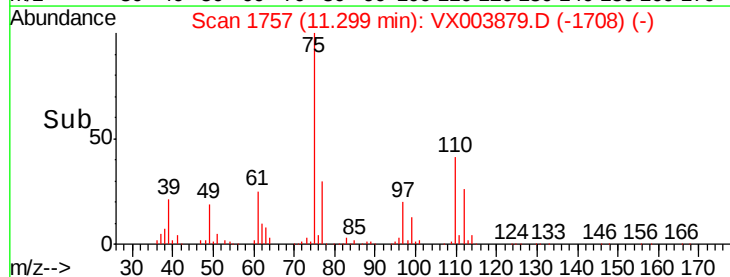
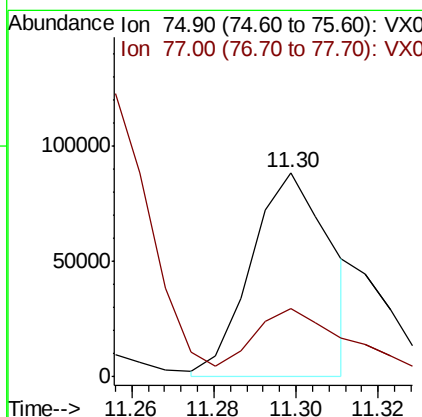
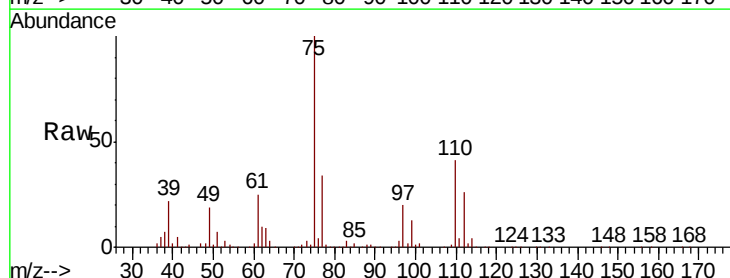
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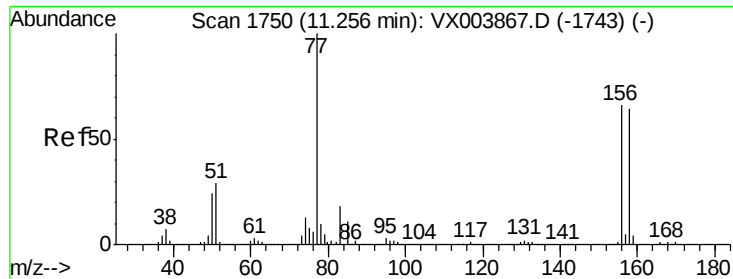
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 8/8/2018 12:01:04 PM



#76
 1,2,3-Trichloropropane
 Concen: 21.45 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	41.4	20.8	62.5	





#77

Bromobenzene

Concen: 21.17 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion:156 Resp: 104617

Ion Ratio Lower Upper

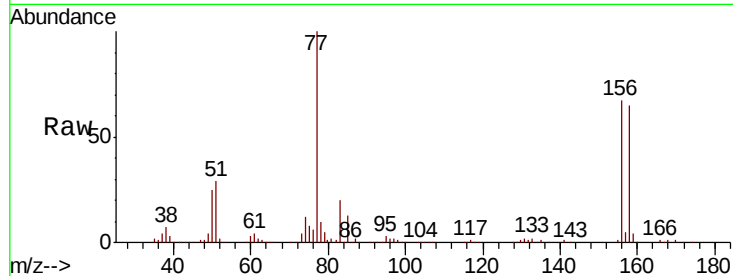
156 100

77 147.1 74.1 222.2

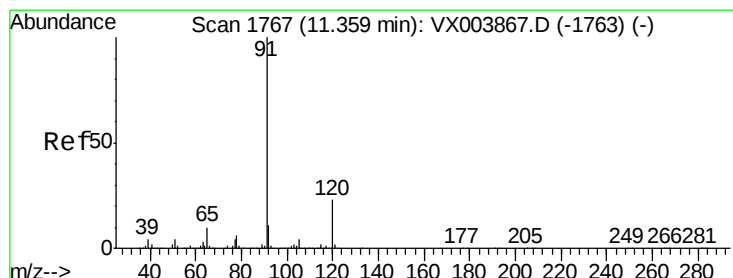
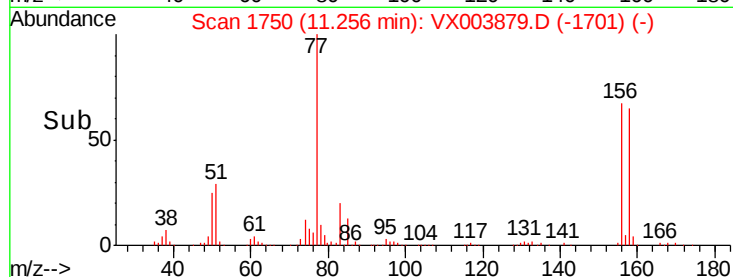
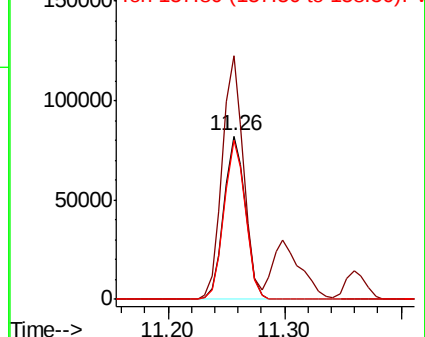
158 96.9 48.6 145.9

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.27 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003879.D

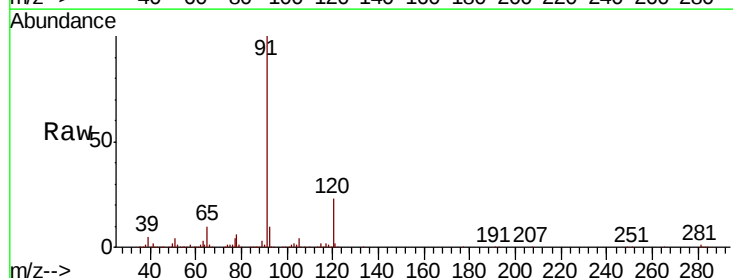
Acq: 07 Aug 2018 14:19

Tgt Ion: 91 Resp: 442399

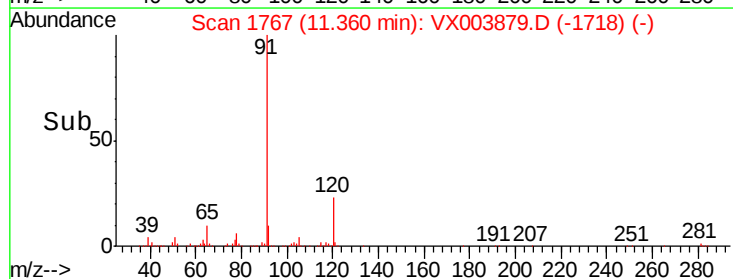
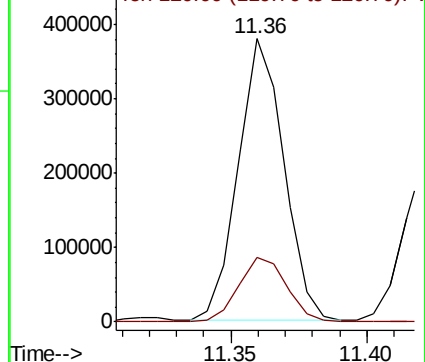
Ion Ratio Lower Upper

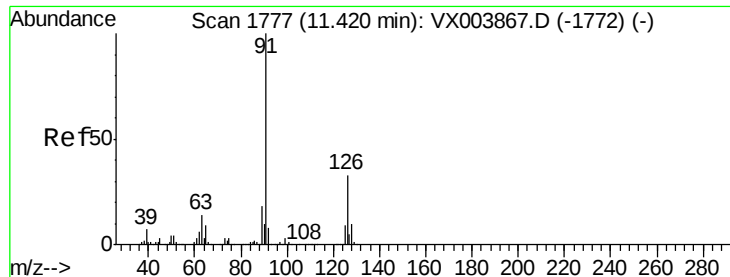
91 100

120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.32 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD01

Tot Ion: 91 Resp: 270428

Ion Ratio Lower Upper

91 100

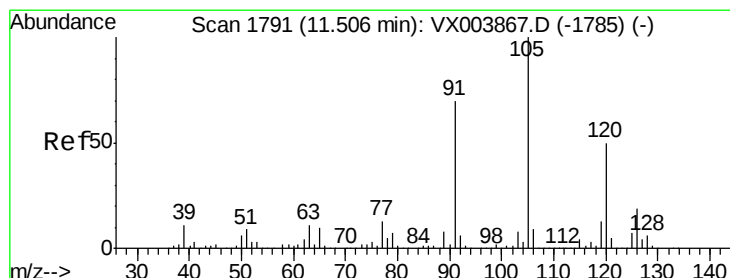
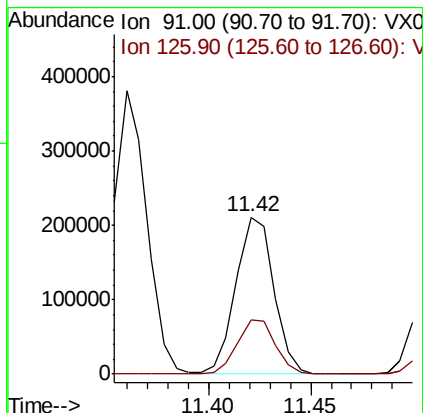
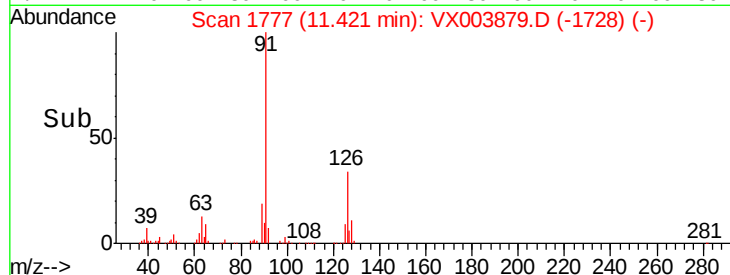
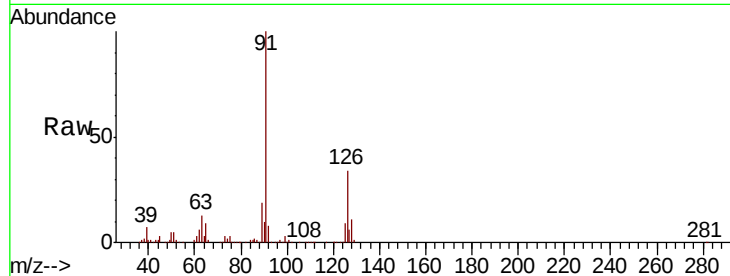
126 35.0 17.4 52.3

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#80

1,3,5-Trimethylbenzene

Concen: 21.60 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003879.D

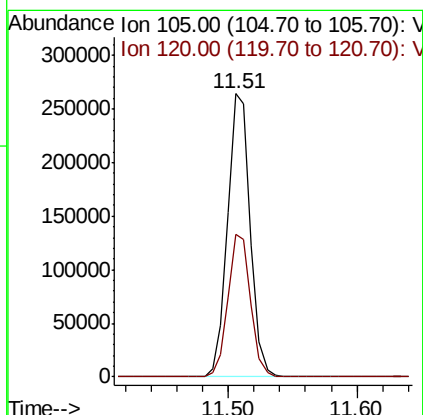
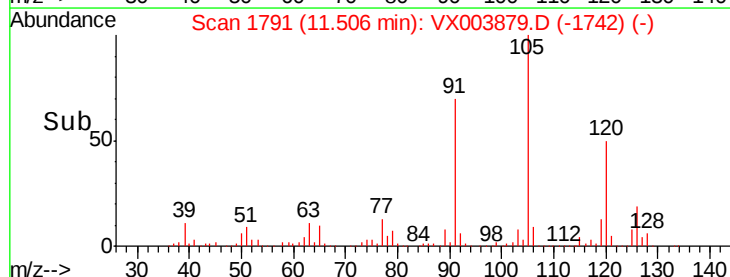
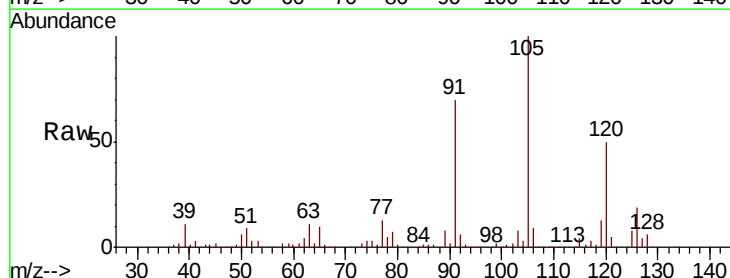
Acq: 07 Aug 2018 14:19

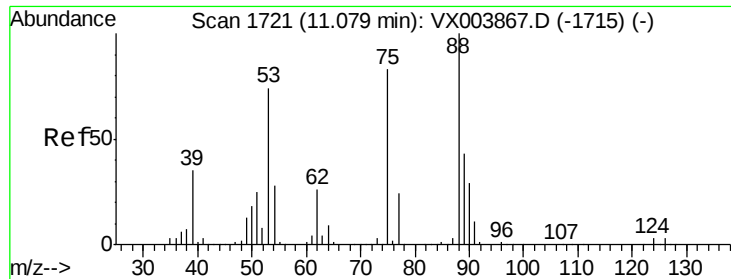
Tgt Ion: 105 Resp: 326238

Ion Ratio Lower Upper

105 100

120 50.4 25.4 76.2





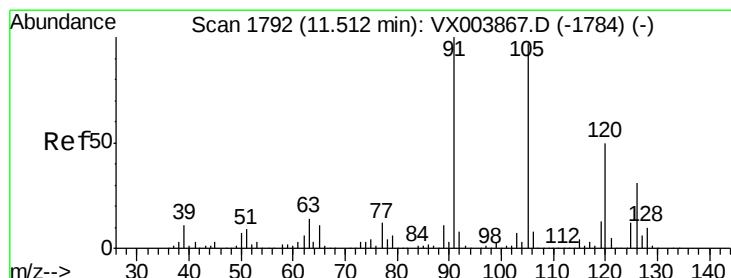
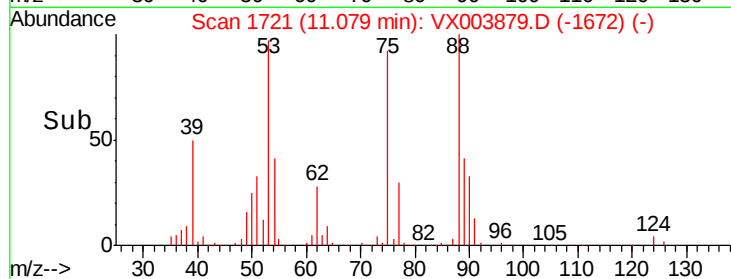
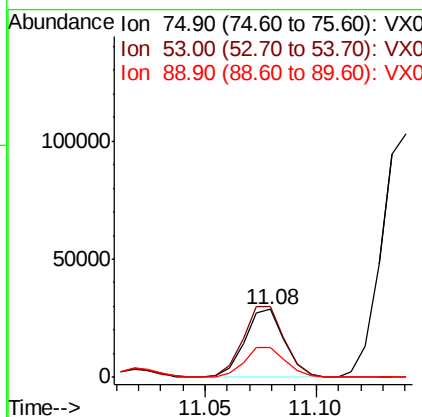
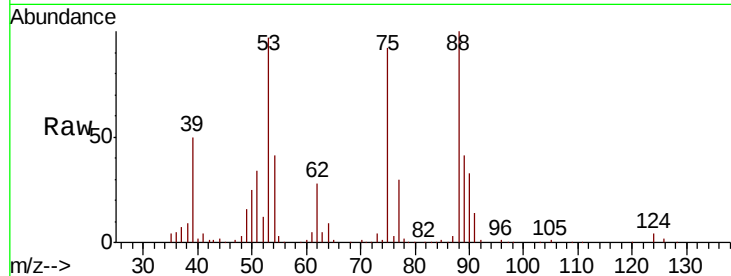
#81
trans-1,4-Dichloro-2-butene
Concen: 19.02 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.0	80.3	120.5
89	46.7	37.8	56.8

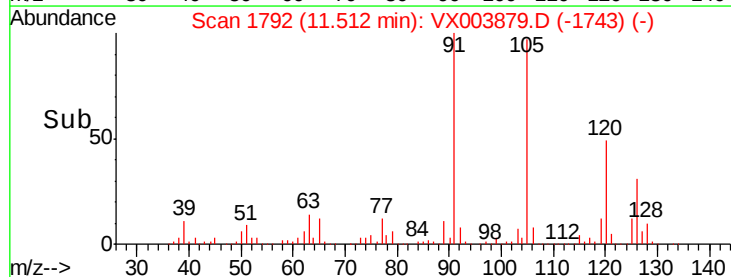
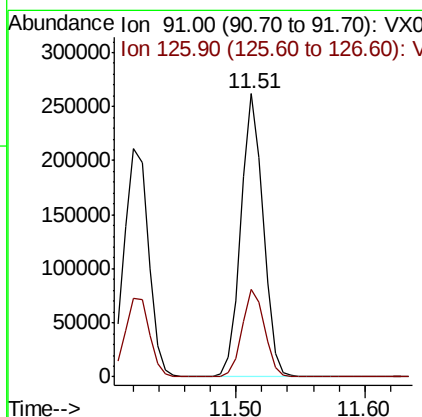
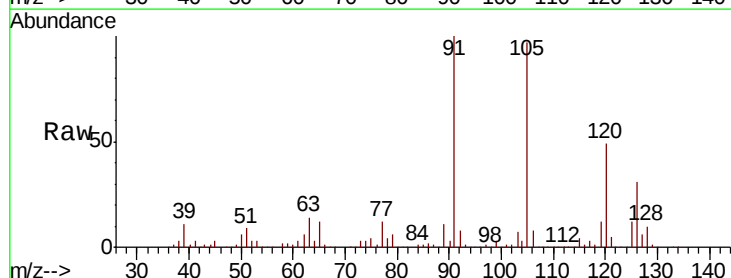
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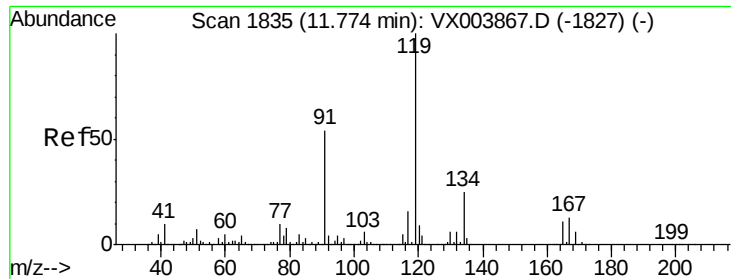
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#82
4-Chlorotoluene
Concen: 21.05 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.6	46.7





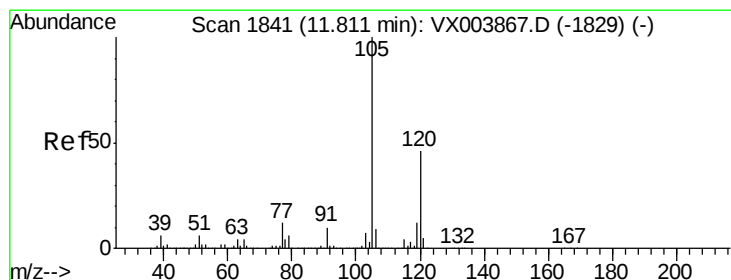
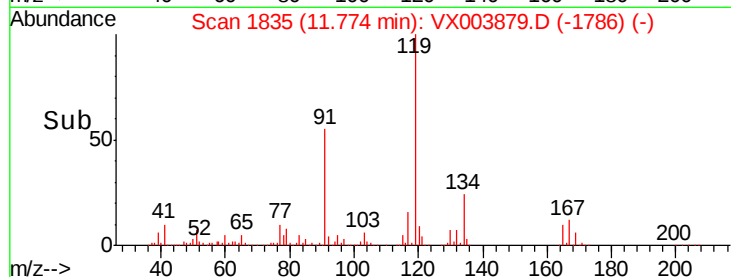
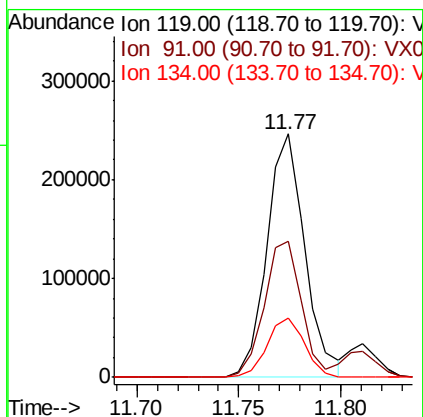
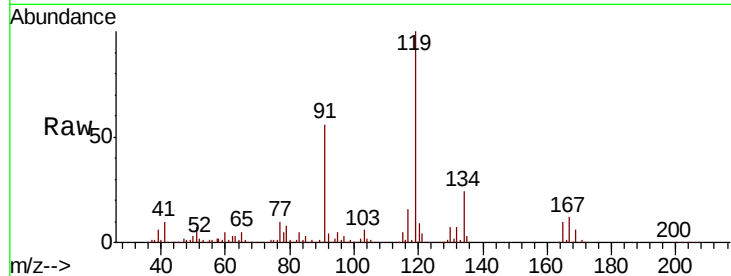
#83
tert-Butylbenzene
Concen: 21.47 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	318996		
91	54.6	26.9	80.7	
134	24.2	12.0	36.0	

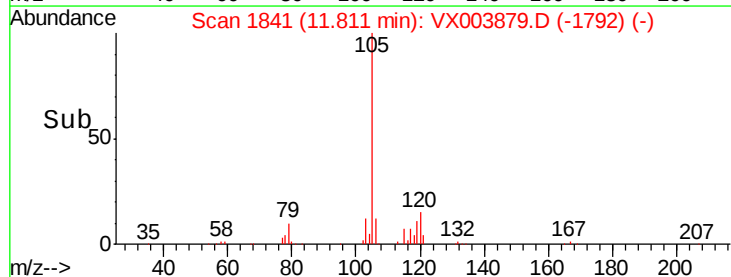
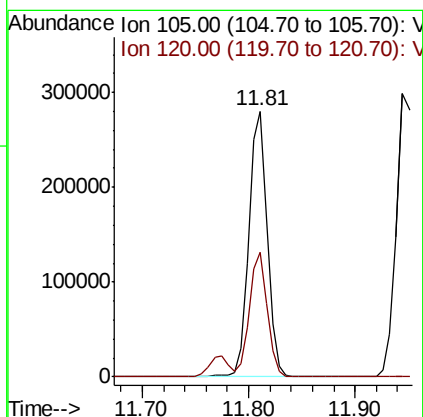
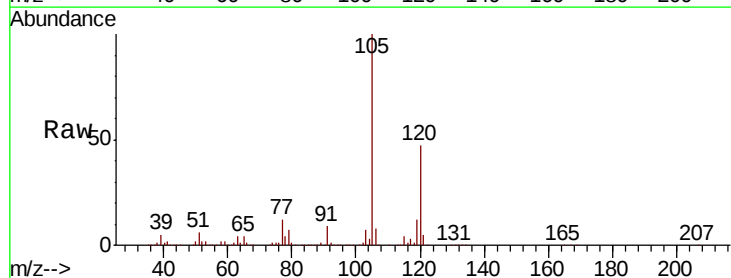
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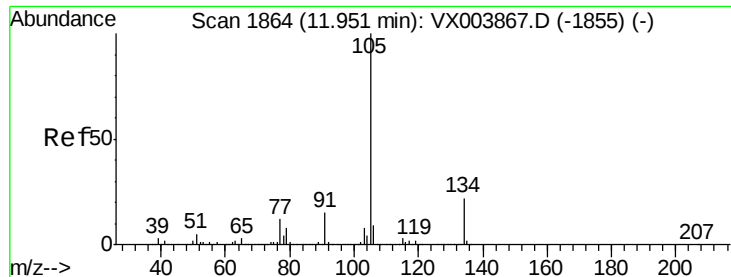
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#84
1,2,4-Trimethylbenzene
Concen: 22.40 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	340140		
120	45.8	23.1	69.2	





#85

sec-Butylbenzene

Concen: 20.91 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD01

Tot Ion:105 Resp: 366757

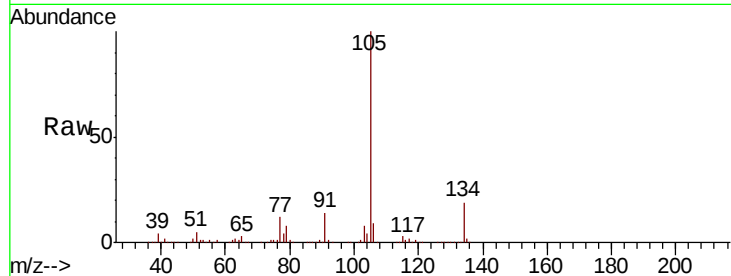
Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

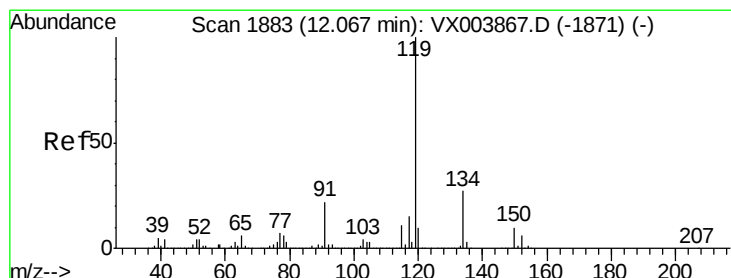
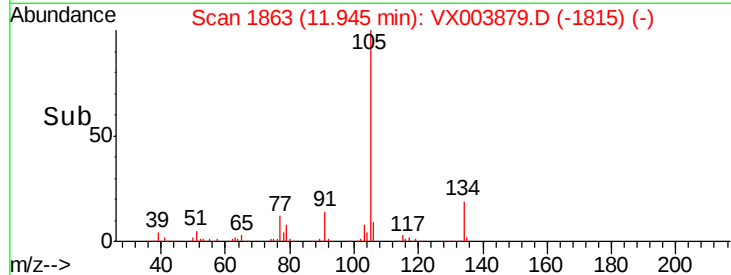
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.01 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

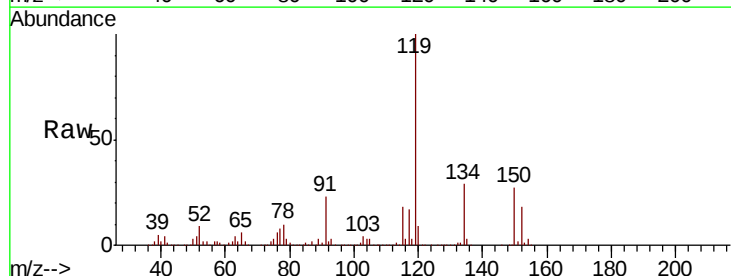
Tgt Ion:119 Resp: 314930

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 22.4 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

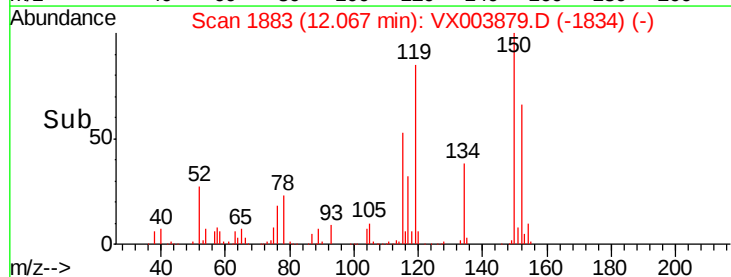
300000

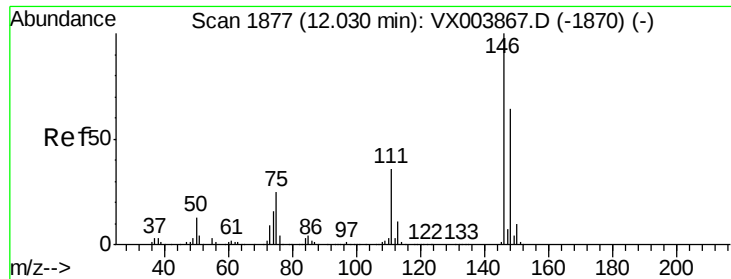
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.67 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Instrument :

MSVOA_X

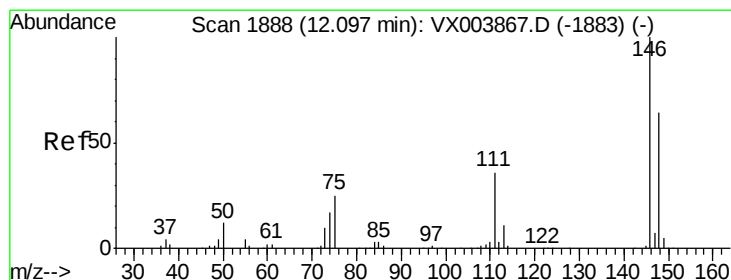
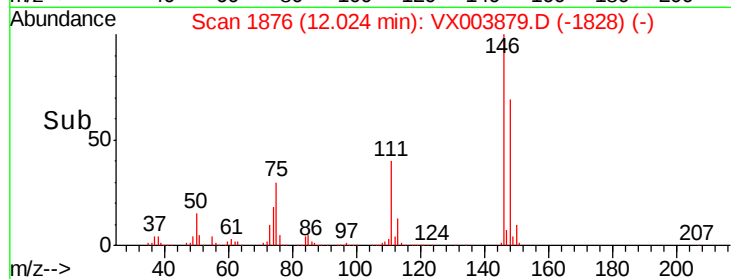
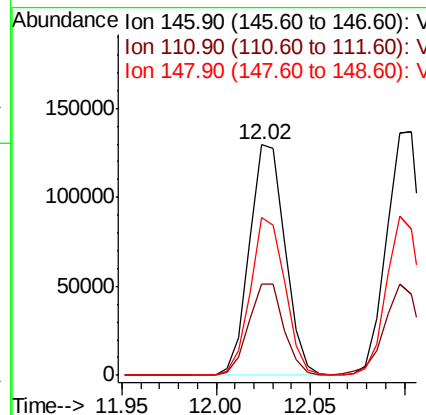
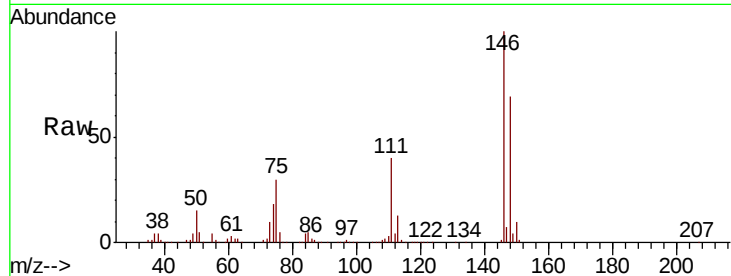
ClientSampled :

VX0807WBSD01

Tot Ion:	146	Resp:	170516
Ion Ratio	Lower	Upper	
146	100		
111	39.1	18.8	56.4
148	66.6	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 20.24 ug/l

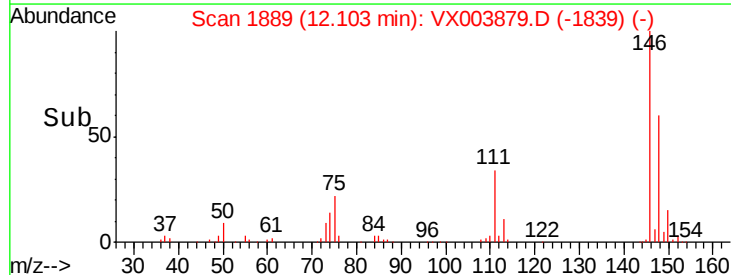
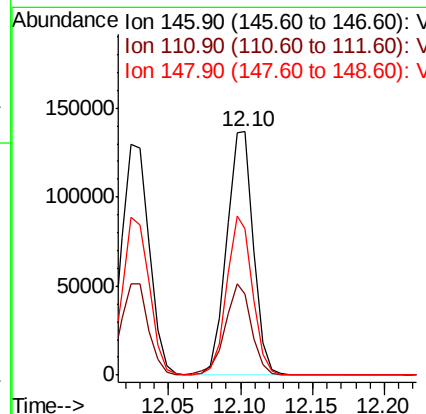
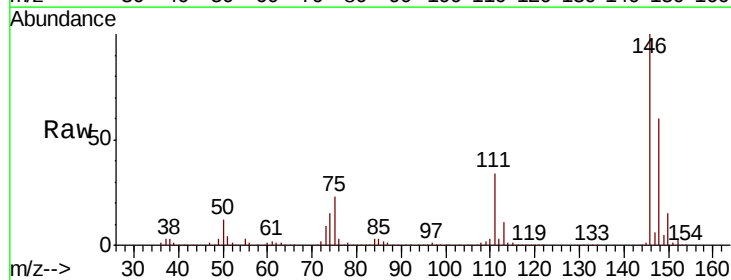
RT: 12.10 min Scan# 1889

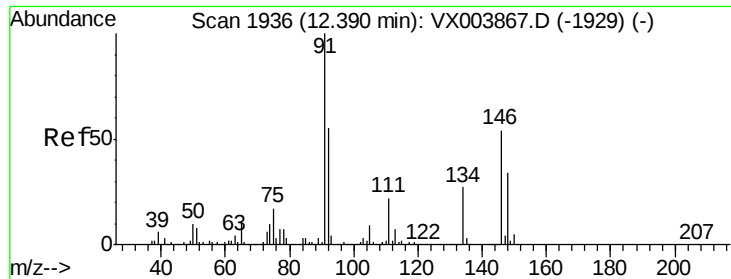
Delta R.T. 0.01 min

Lab File: VX003879.D

Acq: 07 Aug 2018 14:19

Tgt Ion:	146	Resp:	178703
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.4	55.0
148	63.3	32.3	96.8





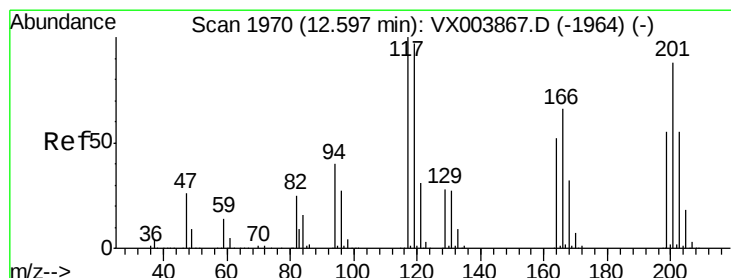
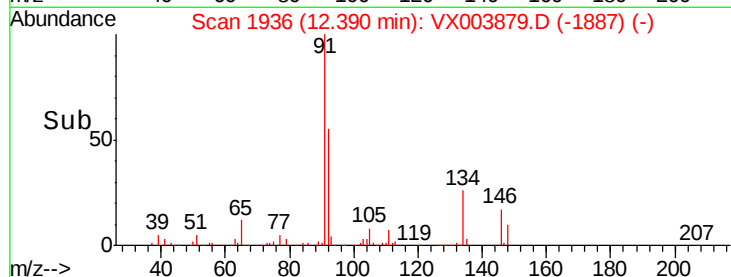
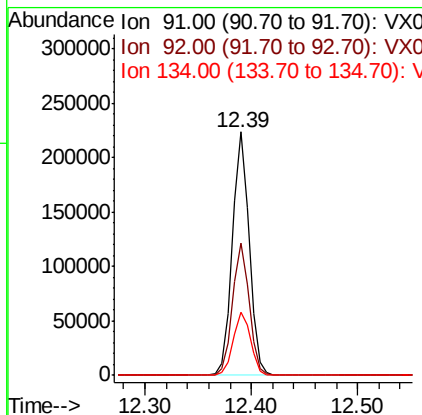
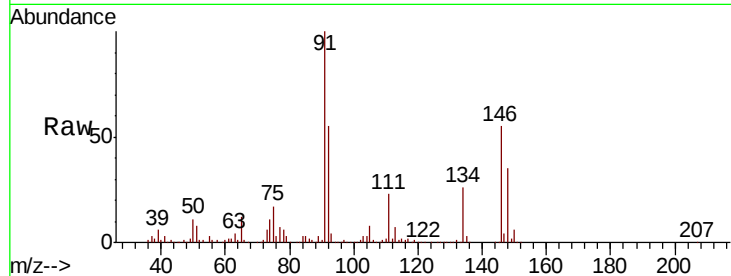
#89
n-Butylbenzene
Concen: 18.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	249610		
92	53.9		27.1	81.3
134	26.8		13.6	40.7

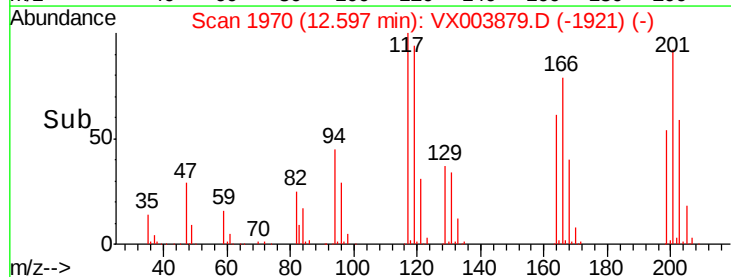
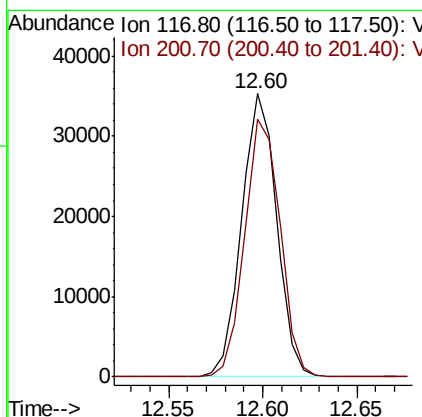
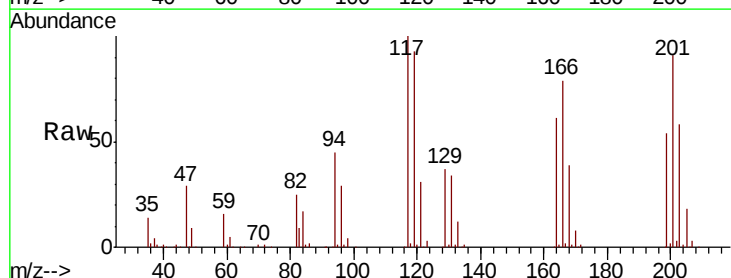
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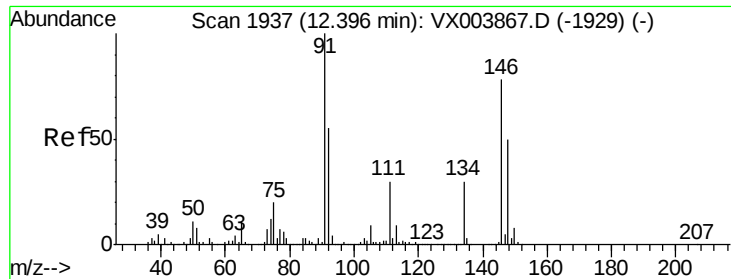
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#90
Hexachloroethane
Concen: 17.79 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45465		
201	92.4		46.1	138.2





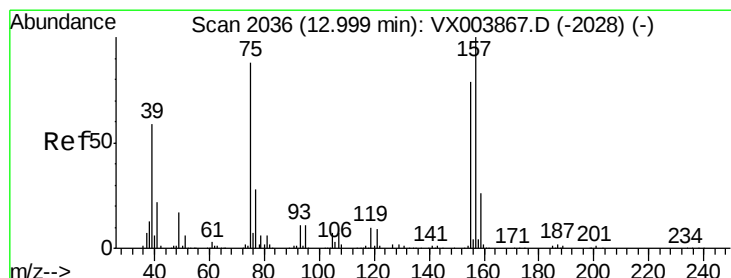
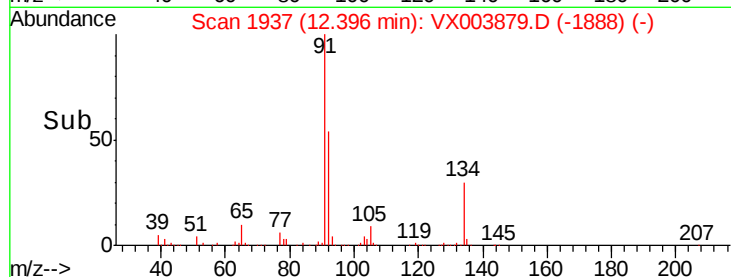
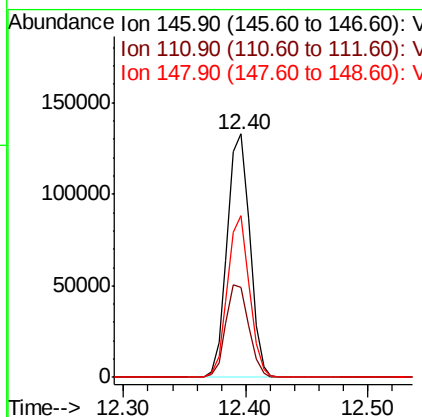
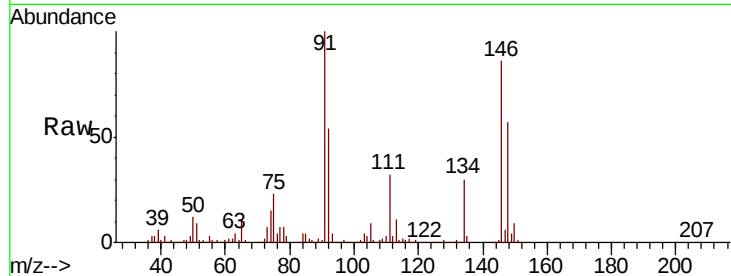
#91
 1,2-Dichlorobenzene
 Concen: 18.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.0
148	64.2	31.9	95.5

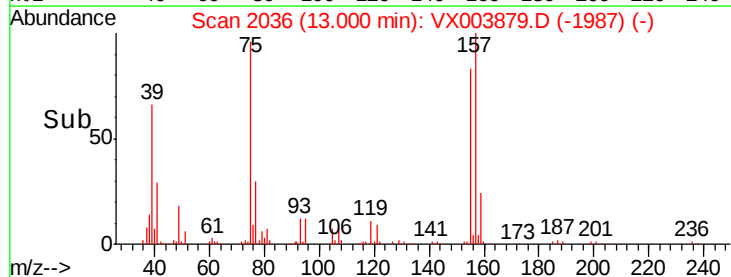
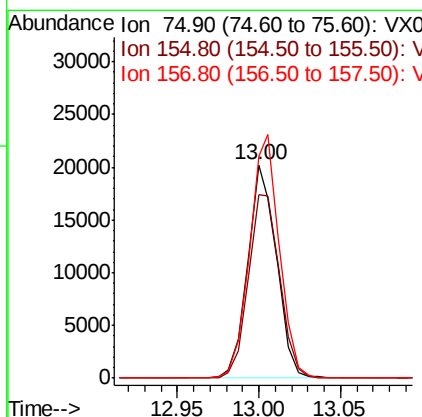
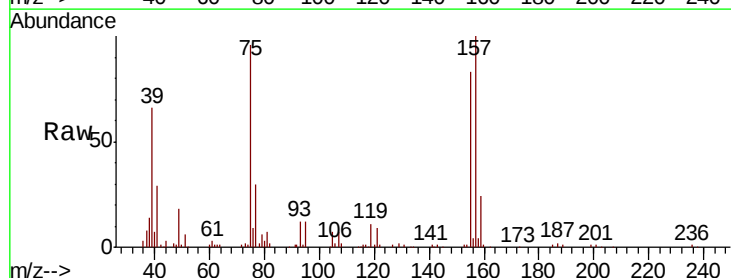
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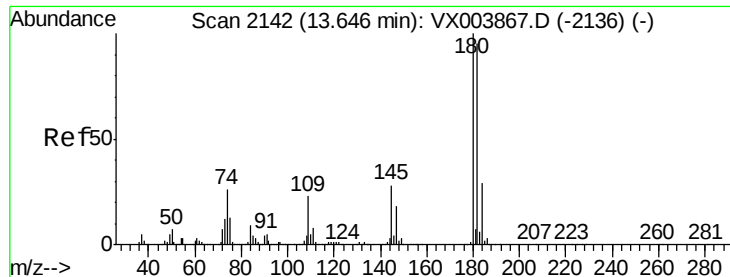
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.08 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	48.7	146.1
157	117.3	62.6	187.8





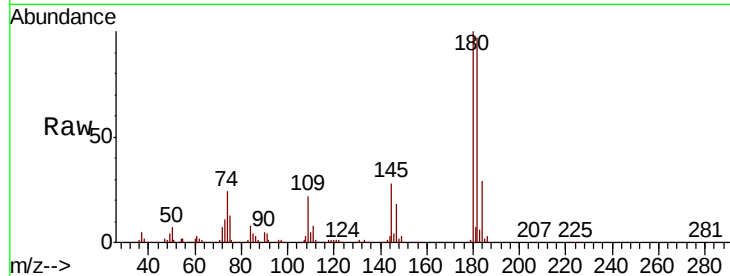
#93
 1,2,4-Trichlorobenzene
 Concen: 20.30 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

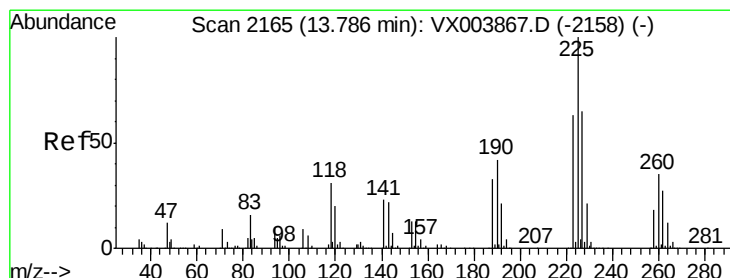
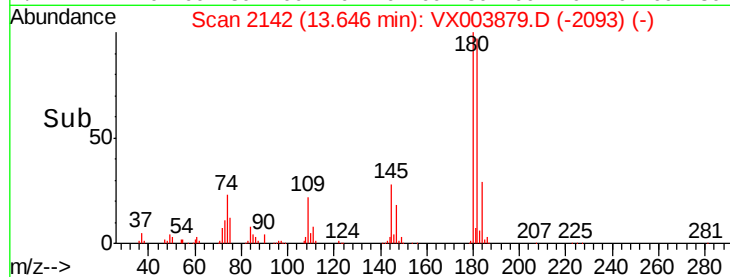
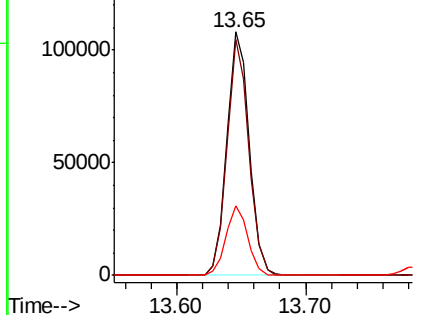
Tot Ion:	180	Resp:	132233
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.7	143.1
145	27.7	13.9	41.6

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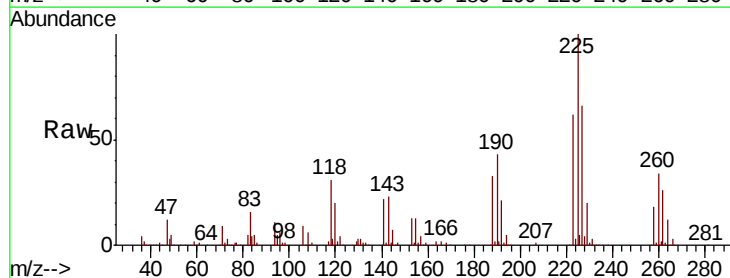


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

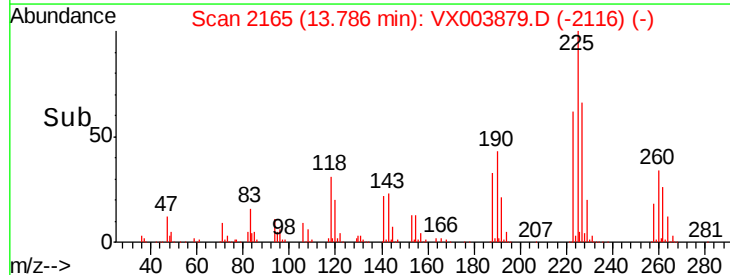
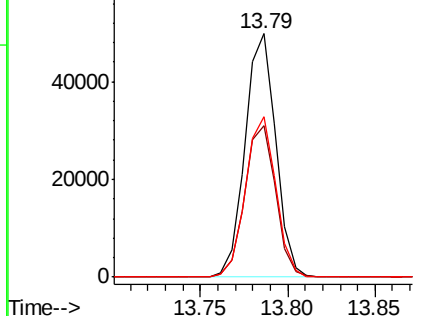


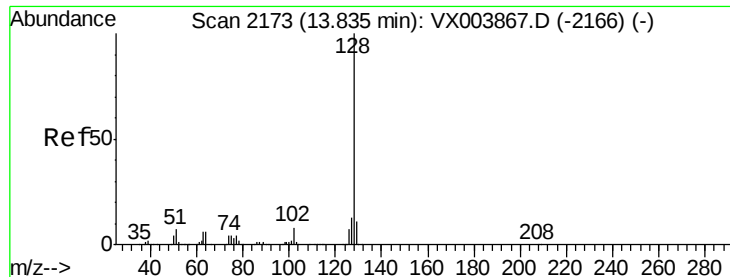
#94
 Hexachlorobutadiene
 Concen: 21.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003879.D
 Acq: 07 Aug 2018 14:19

Tgt Ion:	225	Resp:	60558
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.4	94.0
227	65.3	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





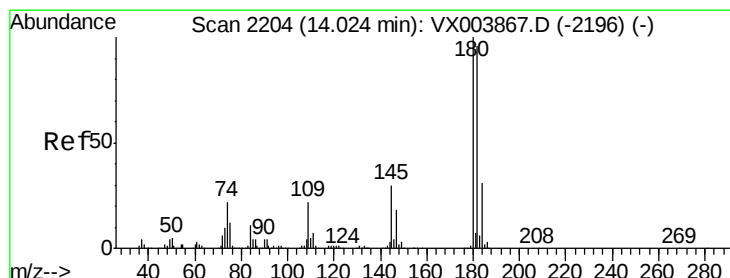
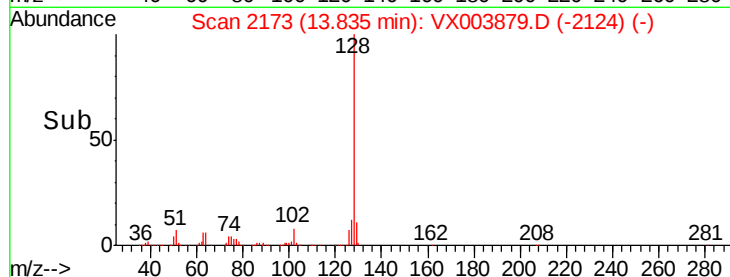
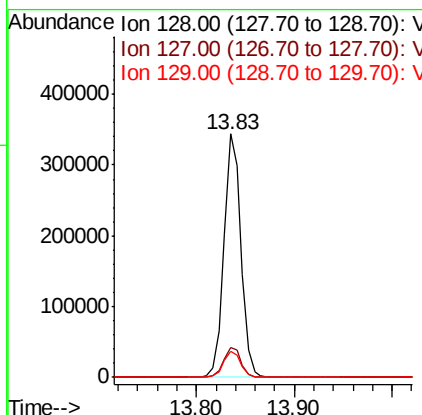
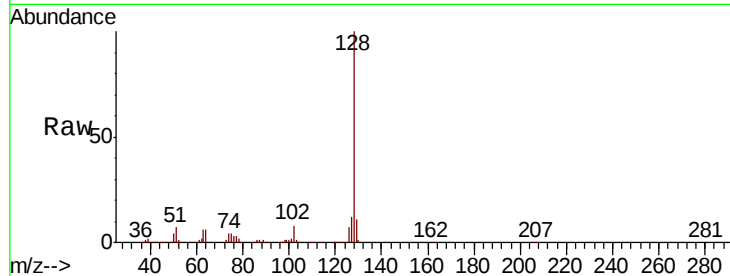
#95
Naphthalene
Concen: 22.03 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.38 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003879.D
Acq: 07 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.1	144.4
145	30.0	14.9	44.7

