

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003970.D
 Acq On : 10 Aug 2018 12:17
 Operator : JC/MD
 Sample : VX0810WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2018 11:02:04 AM

Quant Time: Aug 11 02:20:17 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	243147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187454	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	
35) Dibromofluoromethane	5.51	113	152173	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.71	98	555848	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	208216	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37915	15.39	ug/l	99
3) Chloromethane	1.32	50	59158	17.65	ug/l	99
4) Vinyl Chloride	1.40	62	58107	17.38	ug/l	99
5) Bromomethane	1.64	94	33118	15.91	ug/l	97
6) Chloroethane	1.71	64	45538	21.29	ug/l	100
7) Trichlorofluoromethane	1.92	101	74617	16.91	ug/l	96
8) Diethyl Ether	2.19	74	45084	22.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44231	16.03	ug/l	99
10) Methyl Iodide	2.51	142	42639	12.42	ug/l	99
11) Tert butyl alcohol	3.08	59	91263	117.83	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47687	18.27	ug/l	100
13) Acrolein	2.29	56	38734	93.05	ug/l	100
14) Allyl chloride	2.72	41	106665	21.20	ug/l	99
15) Acrylonitrile	3.15	53	210923	114.13	ug/l	99
16) Acetone	2.45	43	218631	114.02	ug/l	99
17) Carbon Disulfide	2.56	76	127482	17.52	ug/l	100
18) Methyl Acetate	2.78	43	103194	24.72	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	213071	23.04	ug/l	98
20) Methylene Chloride	2.85	84	68715	21.71	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	58082	19.60	ug/l	98
22) Diisopropyl ether	3.87	45	203415	22.00	ug/l	99
23) Vinyl Acetate	3.82	43	882906	114.75	ug/l	98
24) 1,1-Dichloroethane	3.69	63	112826	20.54	ug/l	100
25) 2-Butanone	4.71	43	345742	119.92	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79552	20.08	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	71797	22.33	ug/l	98
28) Bromochloromethane	5.02	49	54351	23.12	ug/l	100
29) Tetrahydrofuran	5.16	42	169333	114.28	ug/l	100
30) Chloroform	5.21	83	114451	22.13	ug/l	98
31) Cyclohexane	5.57	56	74861	16.11	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	87598	20.20	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76073	17.41	ug/l	99
37) Ethyl Acetate	4.86	43	101588	21.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	71582	17.22	ug/l	97

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Manual Integrations
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 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)
39) Methylcyclohexane	7.46	83	68168	13.24	ug/l	99
40) Benzene	6.14	78	265177	20.22	ug/l	99
41) Methacrylonitrile	5.06	41	56601	21.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	94665	21.34	ug/l	99
43) Isopropyl Acetate	6.47	43	147207	20.36	ug/l	99
44) Trichloroethene	7.21	130	65532	18.27	ug/l	92
45) 1,2-Dichloropropane	7.52	63	67429	19.91	ug/l	98
46) Dibromomethane	7.67	93	44951	20.44	ug/l	100
47) Bromodichloromethane	7.90	83	82523	19.92	ug/l	100
48) Methyl methacrylate	7.78	41	75375	20.51	ug/l	98
49) 1,4-Dioxane	7.76	88	38486	444.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	647439	108.02	ug/l	99
52) Toluene	8.79	92	161287	19.46	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	90490	19.32	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	99774	19.76	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	69333	20.47	ug/l	99
56) Ethyl methacrylate	9.18	69	98775	20.10	ug/l	99
57) 1,3-Dichloropropane	9.37	76	119699	21.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	257550	106.59	ug/l	100
59) 2-Hexanone	9.50	43	493837	110.22	ug/l	99
60) Dibromochloromethane	9.59	129	66039	20.91	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73296	21.62	ug/l	99
64) Tetrachloroethene	9.34	164	59556	16.56	ug/l	99
65) Chlorobenzene	10.14	112	180679	18.99	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	64946	19.86	ug/l	99
67) Ethyl Benzene	10.25	91	288424	18.52	ug/l	95
68) m/p-Xylenes	10.36	106	233914	38.44	ug/l	97
69) o-Xylene	10.70	106	113410	19.74	ug/l	96
70) Styrene	10.71	104	191094	20.32	ug/l	98
71) Bromoform	10.86	173	50125	19.93	ug/l #	99
73) Isopropylbenzene	11.02	105	279839	17.46	ug/l	96
74) N-amyl acetate	6.47	43	147207	17.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	111563	20.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	98397m	20.56	ug/l	
77) Bromobenzene	11.26	156	81865	19.14	ug/l	98
78) n-propylbenzene	11.36	91	318033	17.67	ug/l	100
79) 2-Chlorotoluene	11.42	91	205983	18.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239287	18.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27534	17.17	ug/l	93
82) 4-Chlorotoluene	11.51	91	240456	18.70	ug/l	100
83) tert-Butylbenzene	11.77	119	225926	17.57	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	258273	19.65	ug/l	99
85) sec-Butylbenzene	11.94	105	252626	16.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	225900	16.59	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	148658	18.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153855	20.14	ug/l	99
89) n-Butylbenzene	12.39	91	159814	13.47	ug/l	100
90) Hexachloroethane	12.60	117	32020	14.48	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	130980	16.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19900	17.68	ug/l	96

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Instrument :
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ClientSampleId :
VX0810WBSD01

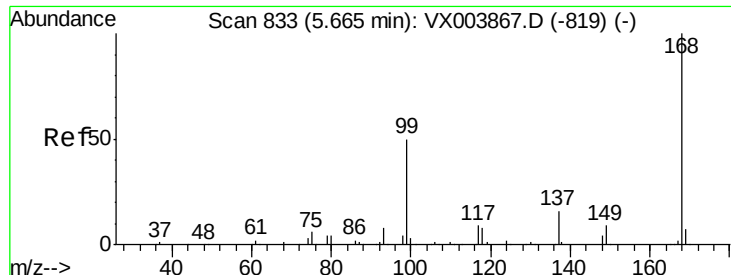
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93408	16.57	ug/l	98
94) Hexachlorobutadiene	13.78	225	34921	14.35	ug/l	97
95) Naphthalene	13.83	128	326105	20.20	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	106759	18.98	ug/l	99

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



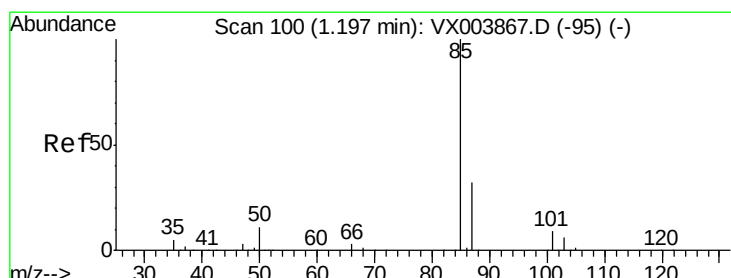
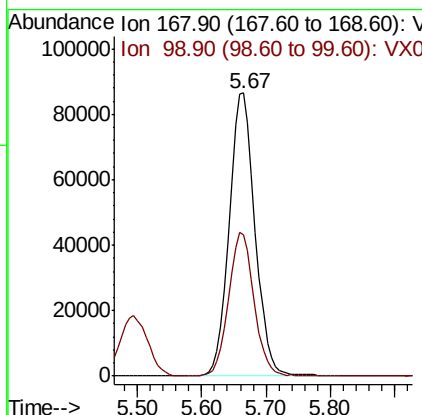
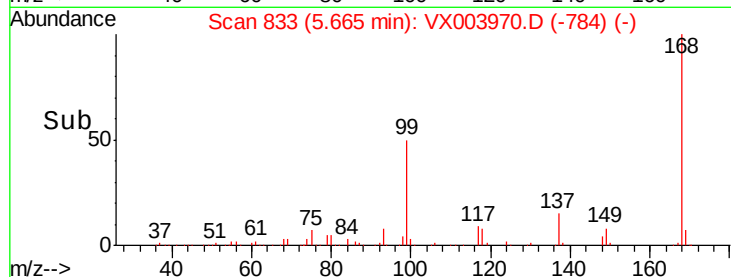
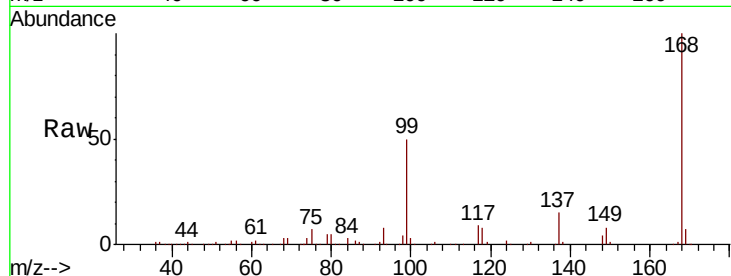
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion:168 Resp: 243147
Ion Ratio Lower Upper
168 100
99 49.8 40.1 60.1

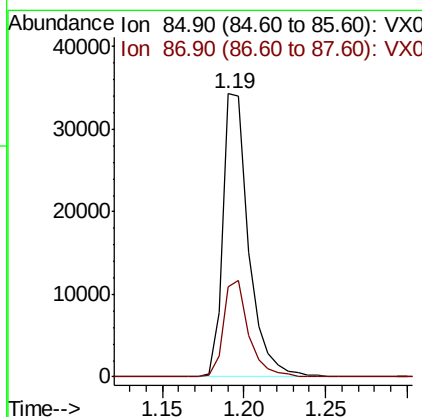
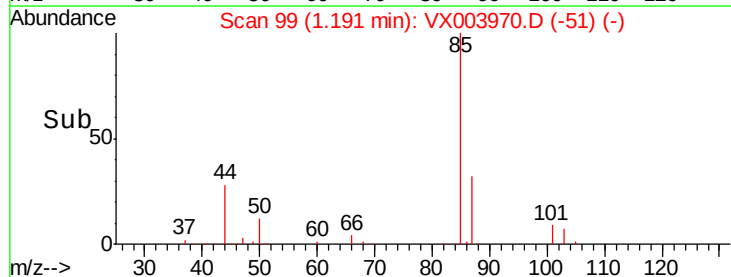
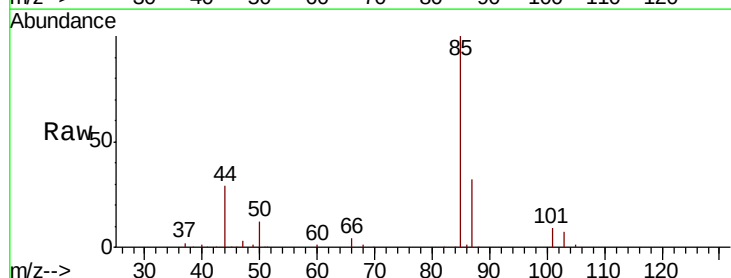
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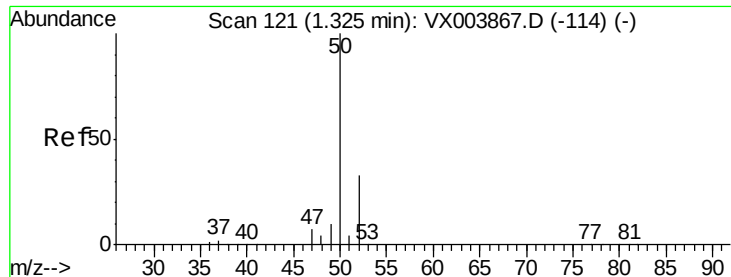
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#2
Dichlorodifluoromethane
Concen: 15.39 ug/l
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion: 85 Resp: 37915
Ion Ratio Lower Upper
85 100
87 31.6 16.0 48.0





#3

Chloromethane

Concen: 17.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion: 50 Resp: 59158

Ion Ratio Lower Upper

50 100

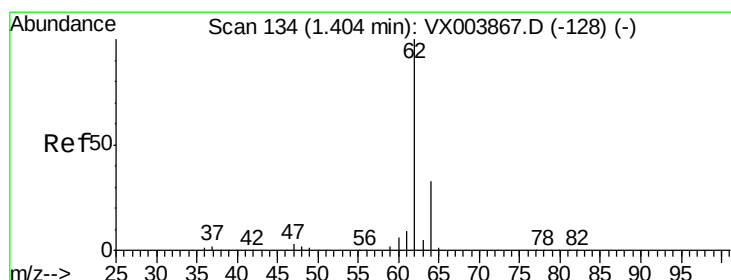
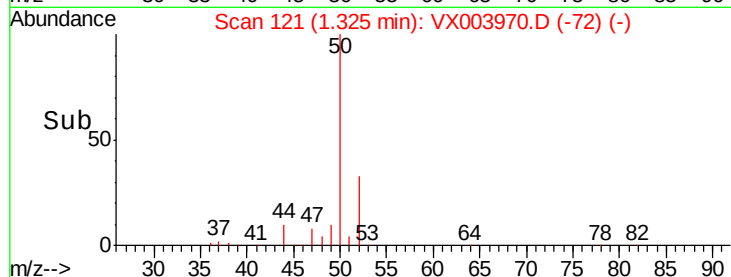
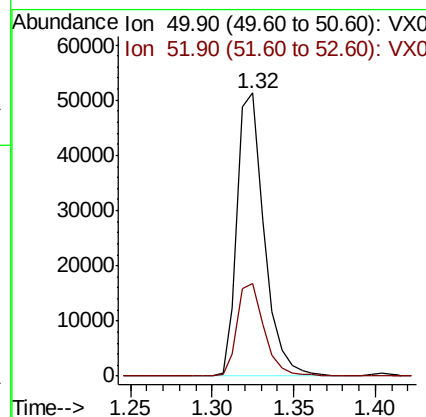
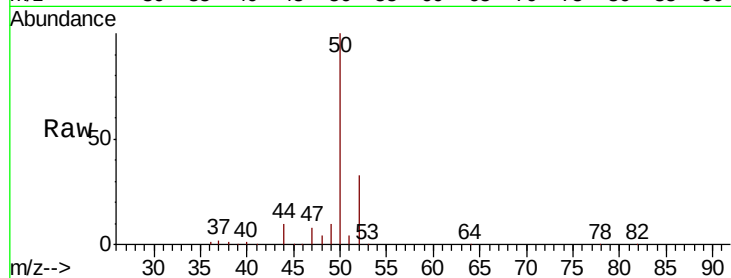
52 32.8 26.6 39.8

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#4

Vinyl Chloride

Concen: 17.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003970.D

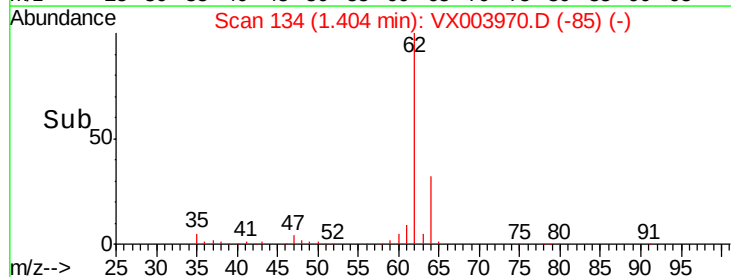
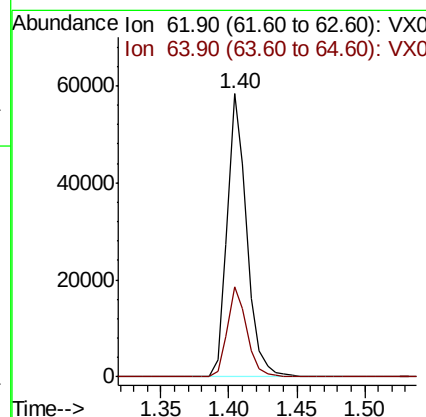
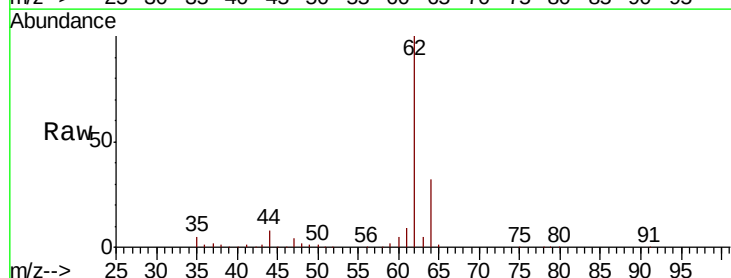
Acq: 10 Aug 2018 12:17

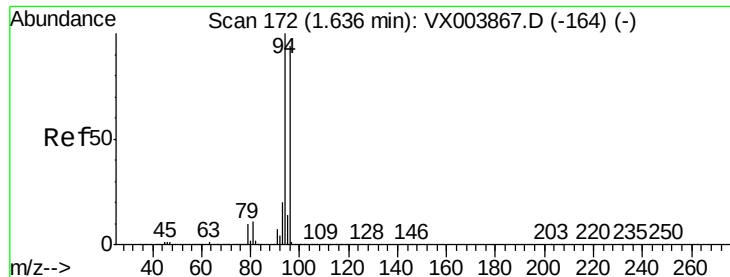
Tgt Ion: 62 Resp: 58107

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0





#5

Bromomethane

Concen: 15.91 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion: 94 Resp: 33118

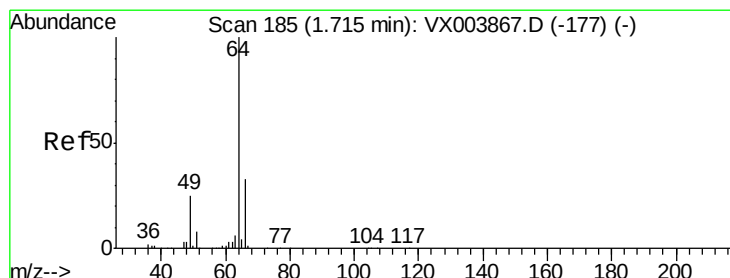
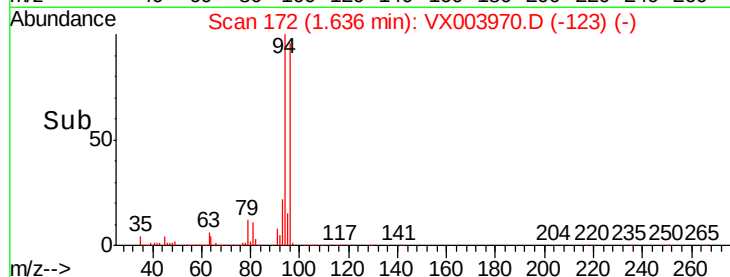
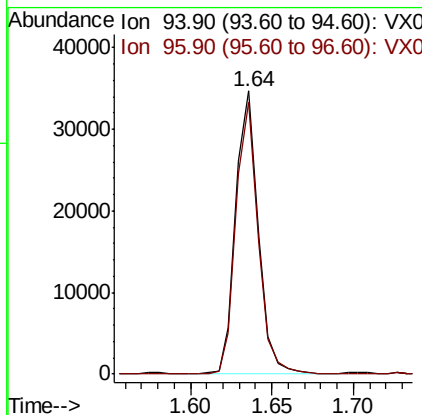
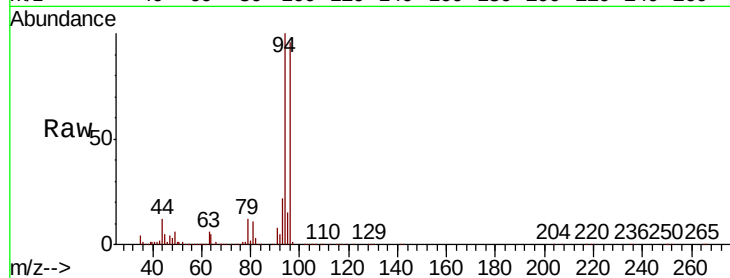
Ion Ratio Lower Upper

94 100

96 96.4 75.2 112.8

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#6

Chloroethane

Concen: 21.29 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003970.D

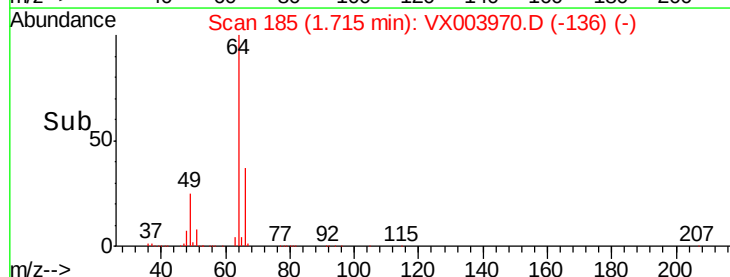
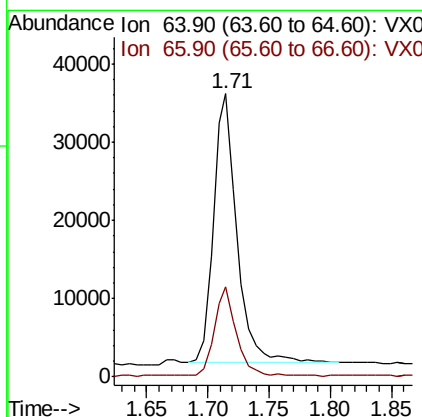
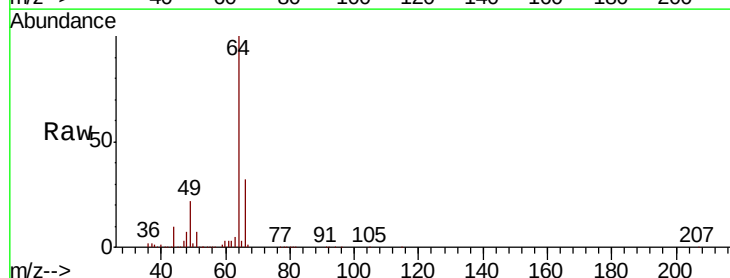
Acq: 10 Aug 2018 12:17

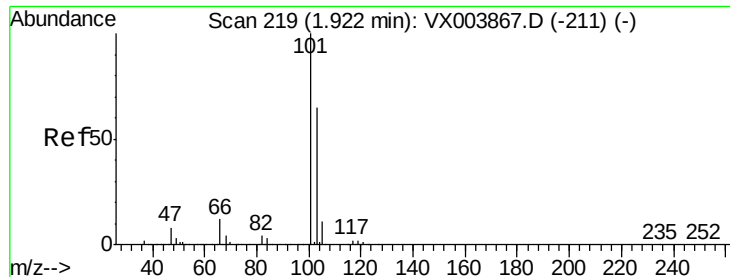
Tgt Ion: 64 Resp: 45538

Ion Ratio Lower Upper

64 100

66 33.1 26.5 39.7





#7

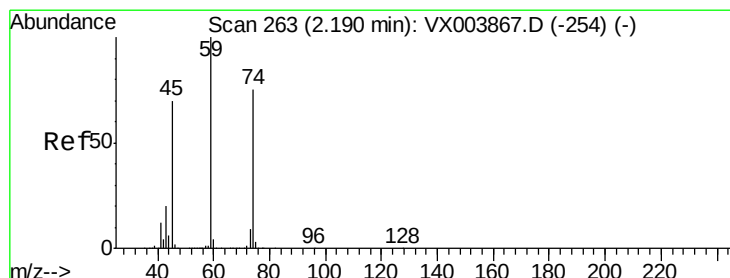
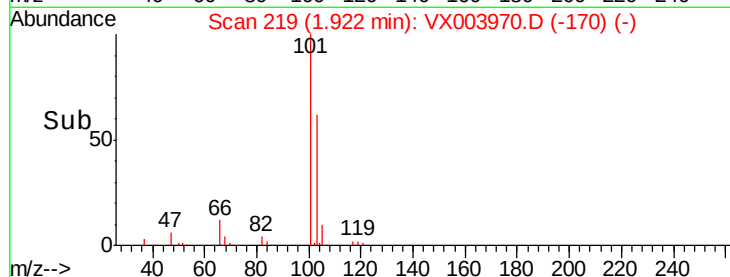
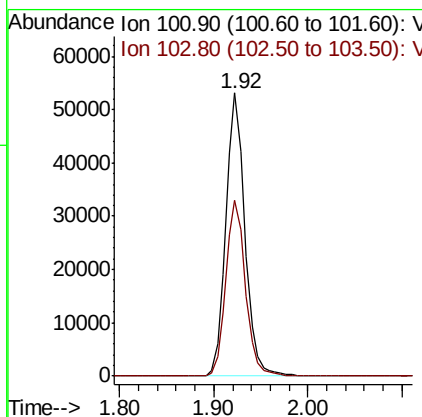
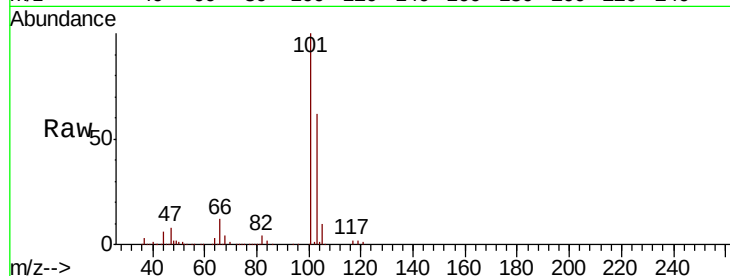
Trichlorofluoromethane
 Concen: 16.91 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
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 ClientSampleId :
 VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	52.3	78.5

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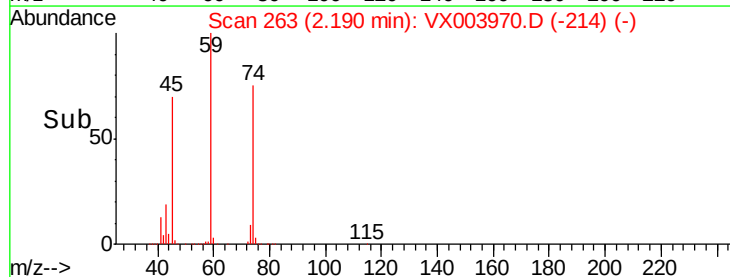
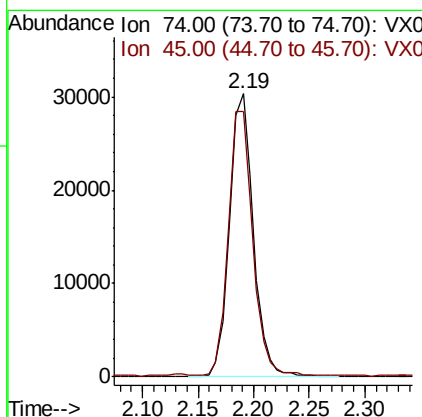
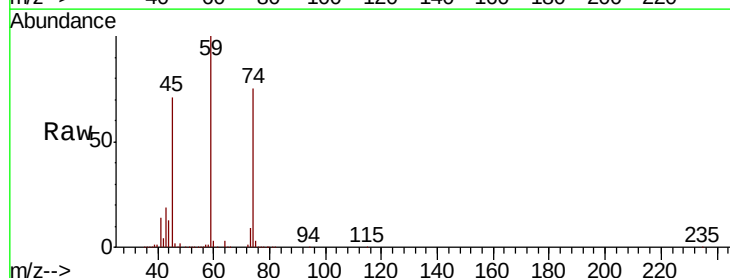
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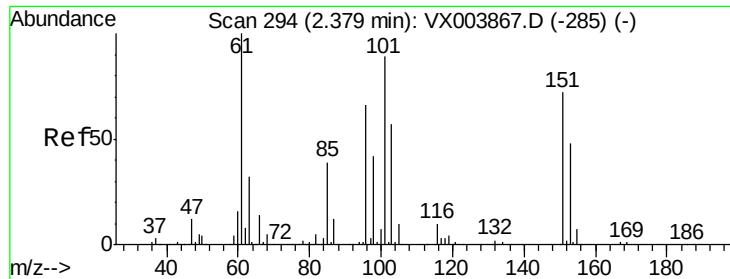


#8

Diethyl Ether
 Concen: 22.72 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.03 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

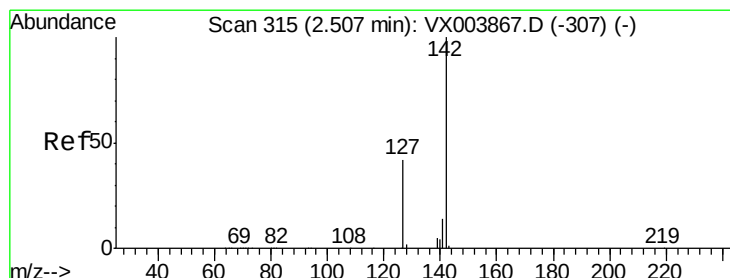
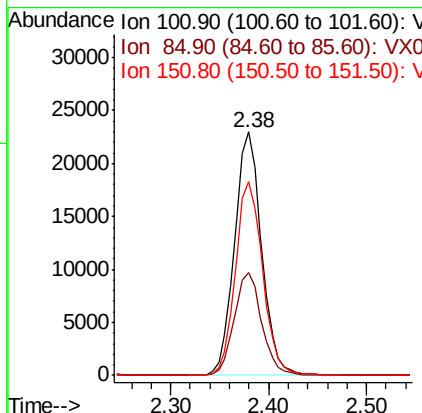
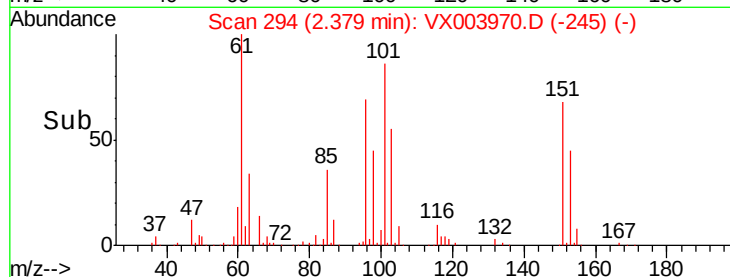
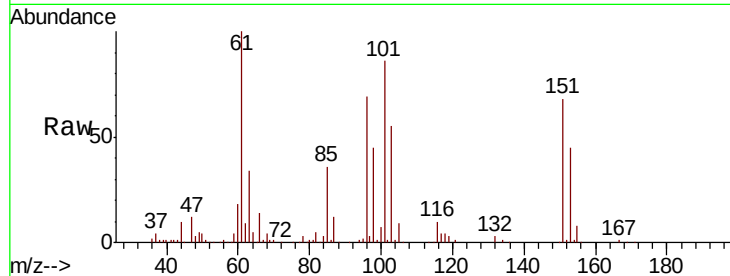
ClientSampleId :

VX0810WBSD01

Tot Ion:	101	Resp:	44231
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.4
151	80.1	65.0	97.4

Manual Integrations
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#10

Methyl Iodide

Concen: 12.42 ug/l

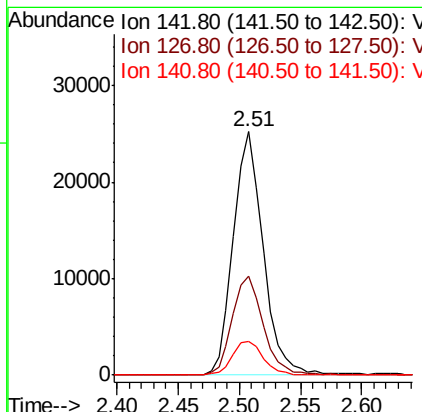
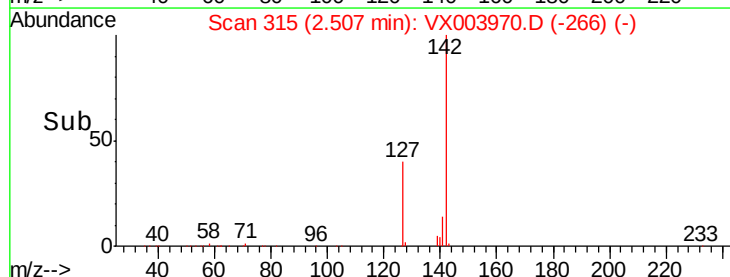
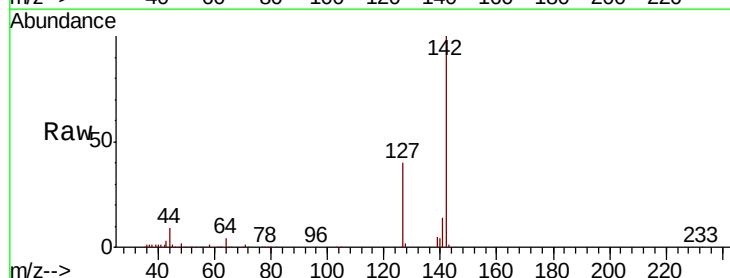
RT: 2.51 min Scan# 315

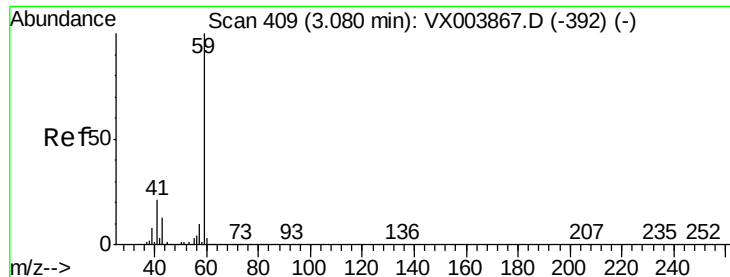
Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Tgt Ion:	142	Resp:	42639
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.1	49.7
141	14.6	11.1	16.7





#11

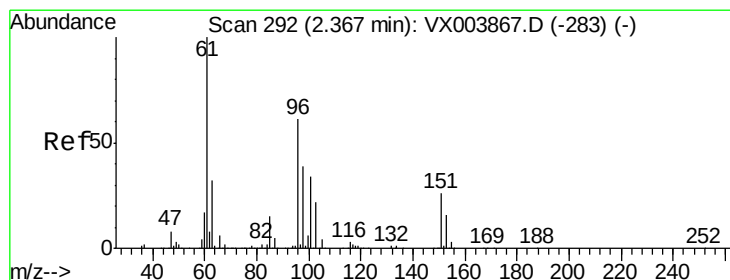
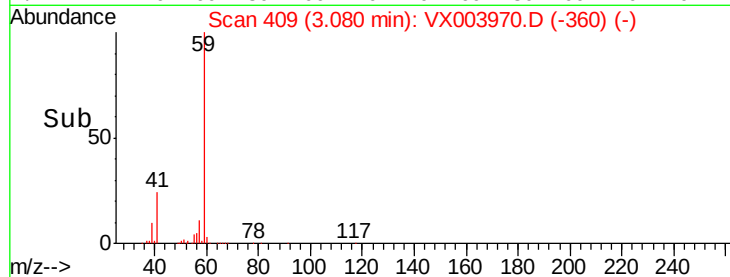
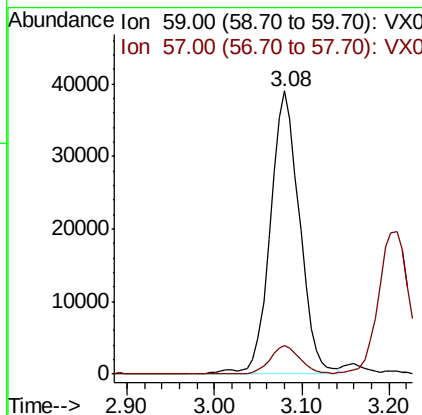
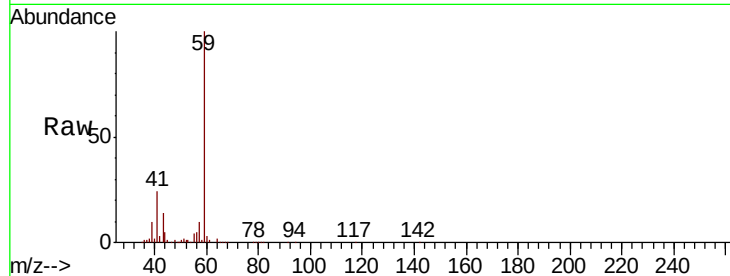
Tert butyl alcohol
 Concen: 117.83 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0810WBSD01

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

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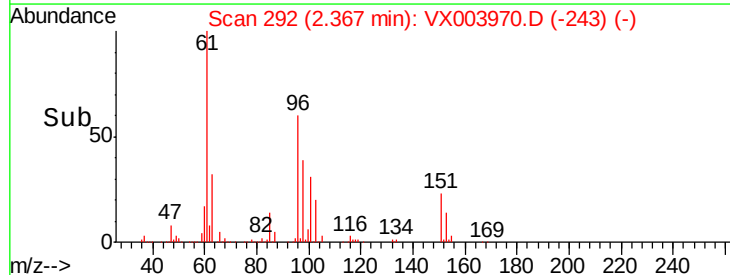
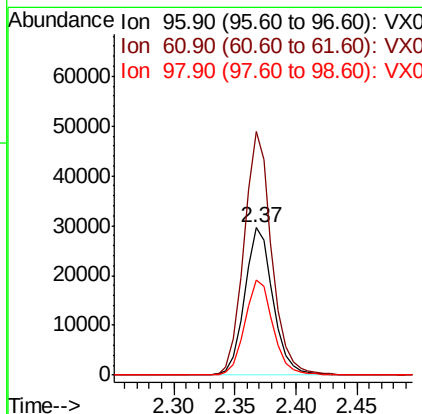
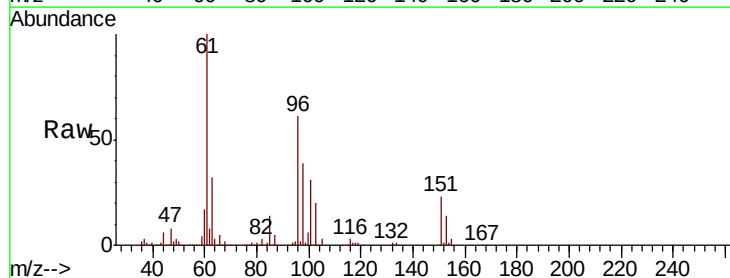
MMDadoda
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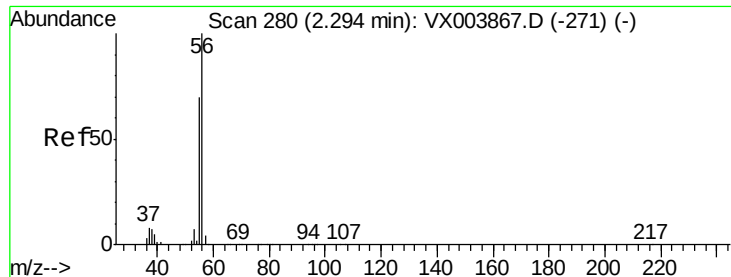


#12

1,1-Dichloroethene
 Concen: 18.27 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	164.8	131.3	196.9
98	98	64.6	51.8	77.6





#13

Acrolein

Concen: 93.05 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion: 56 Resp: 38734

Ion Ratio Lower Upper

56 100

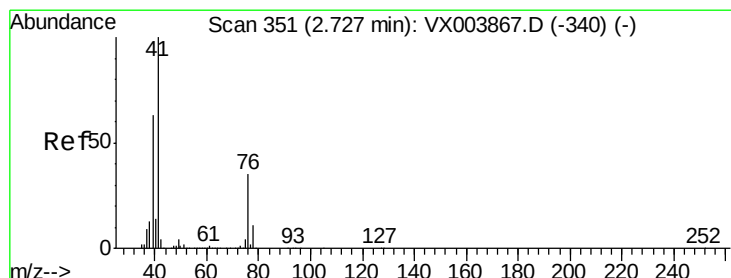
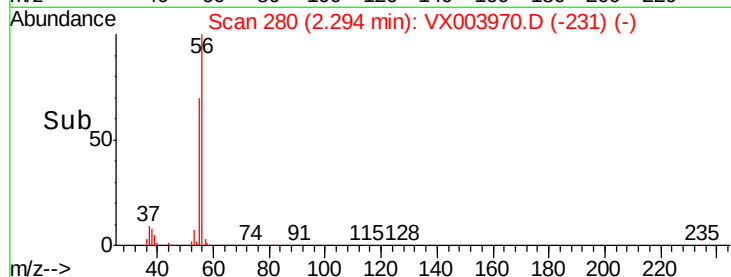
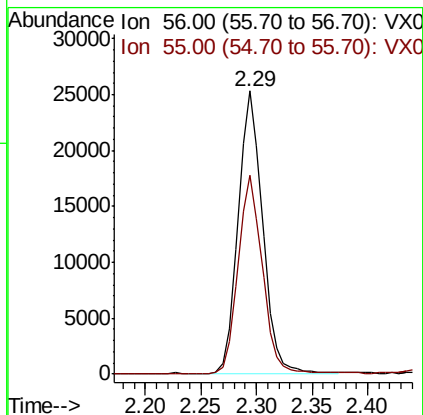
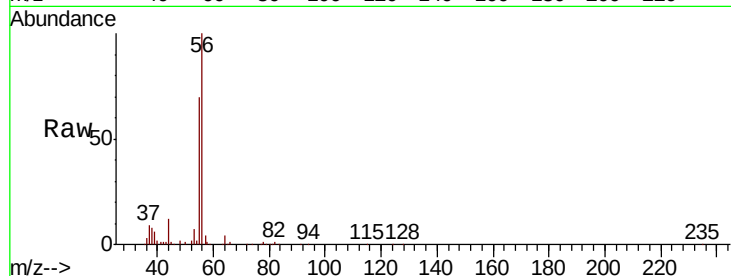
55 70.2 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 21.20 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

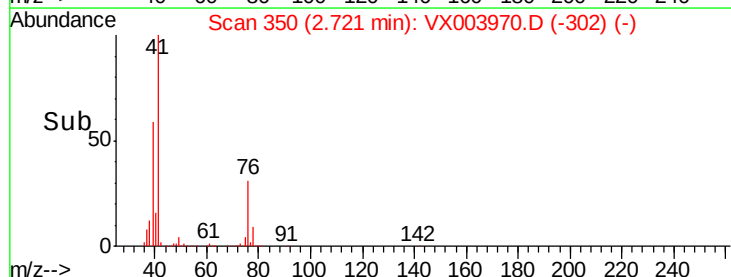
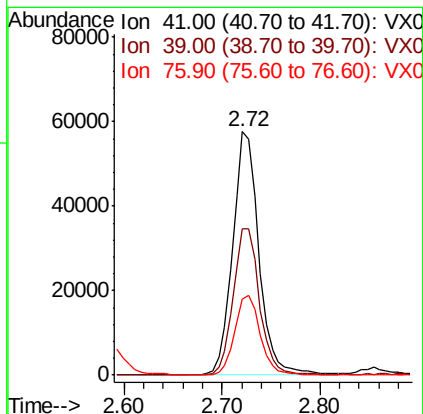
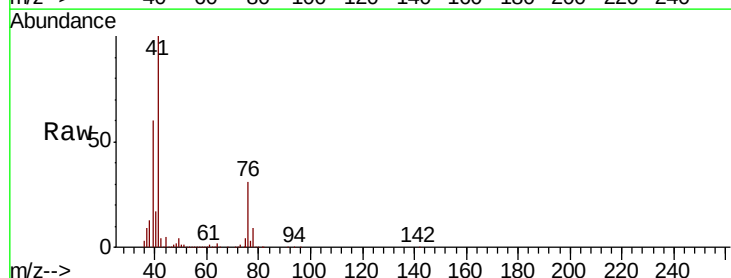
Tgt Ion: 41 Resp: 106665

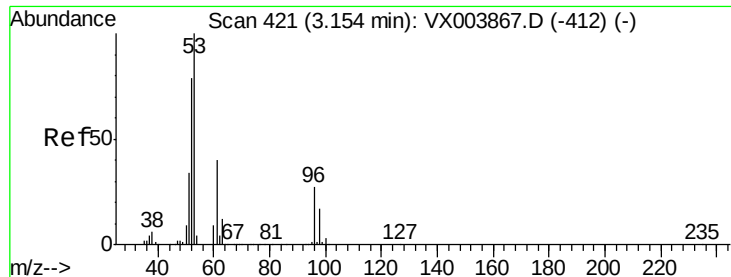
Ion Ratio Lower Upper

41 100

39 59.9 47.4 71.0

76 32.4 26.0 39.0





#15

Acrylonitrile

Concen: 114.13 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

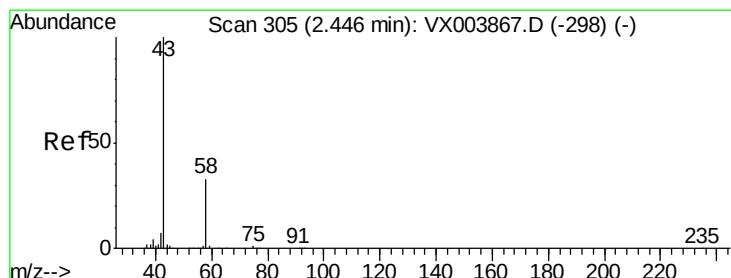
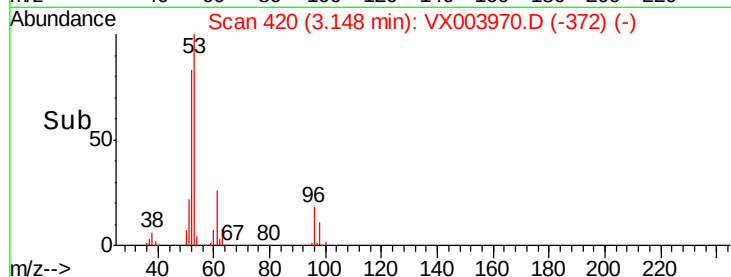
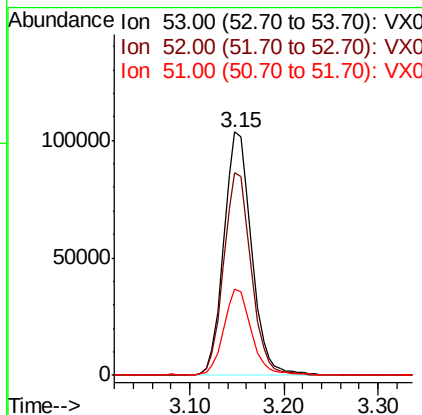
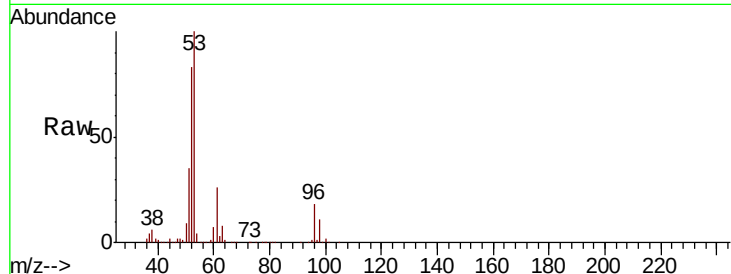
ClientSampleId :

VX0810WBSD01

Tot Ion:	53	Resp:	210923
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.3	97.9
51	35.2	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 114.02 ug/l

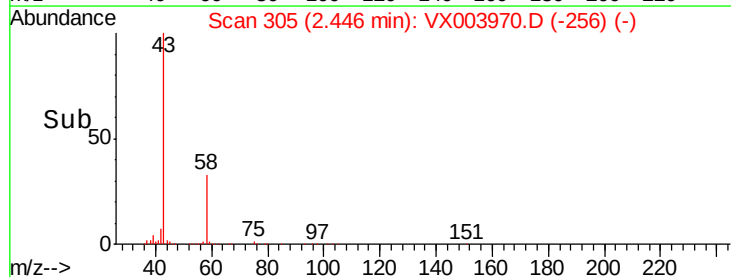
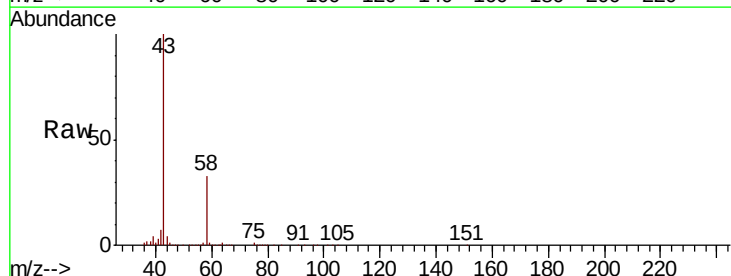
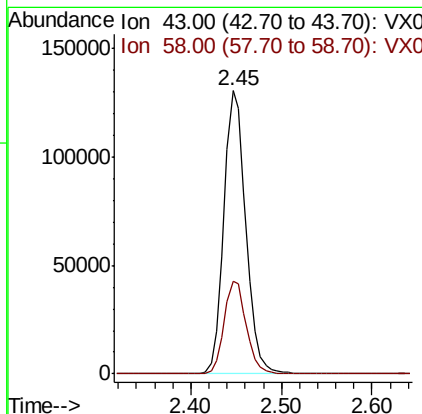
RT: 2.45 min Scan# 305

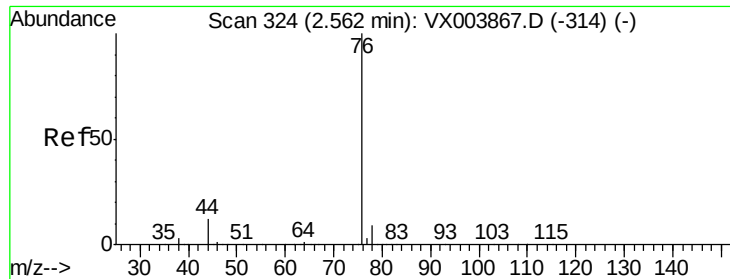
Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Tgt Ion:	43	Resp:	218631
Ion Ratio	Lower	Upper	
43	100		
58	32.7	26.4	39.6





#17

Carbon Disulfide

Concen: 17.52 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion: 76 Resp: 127482

Ion Ratio Lower Upper

76 100

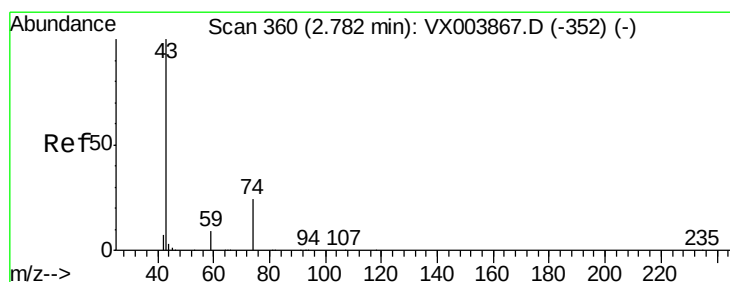
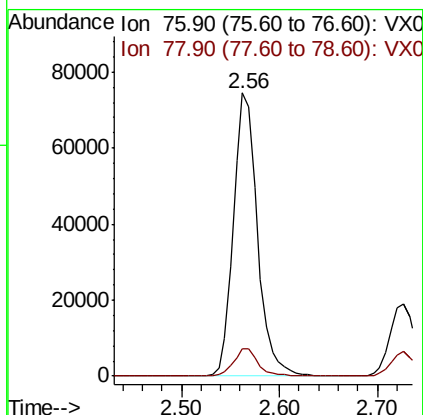
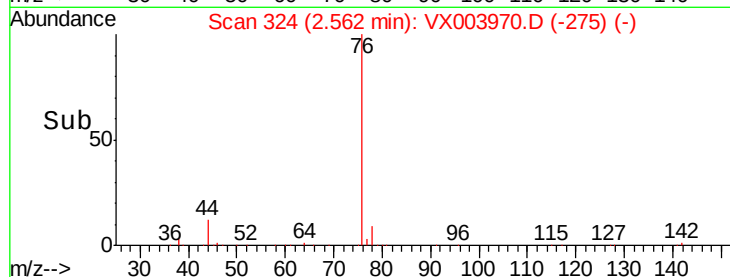
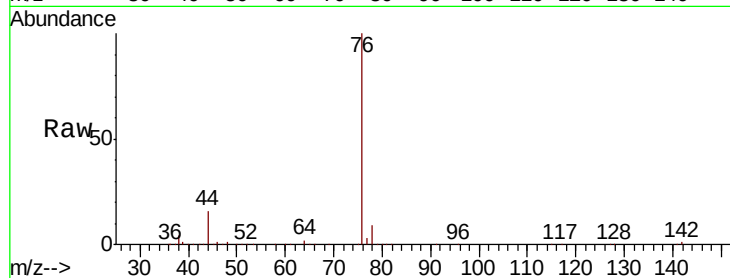
78 9.3 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 24.72 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003970.D

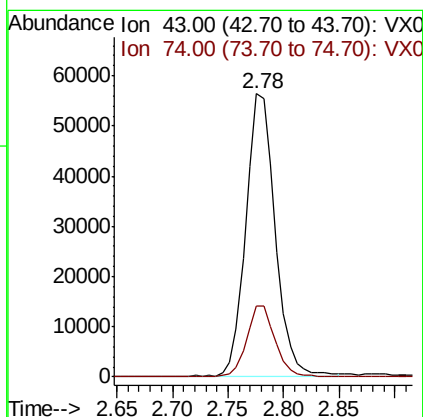
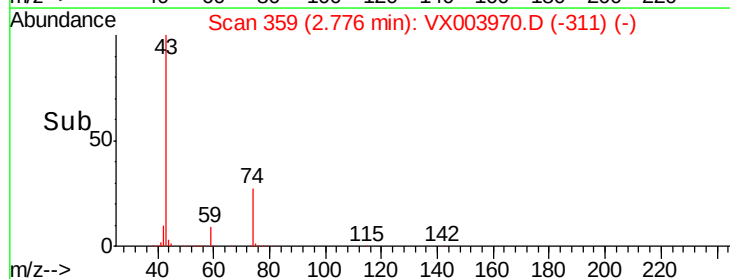
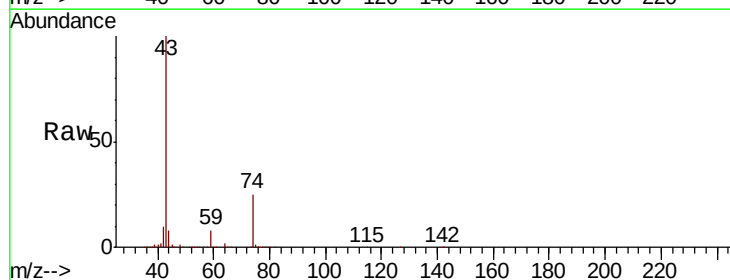
Acq: 10 Aug 2018 12:17

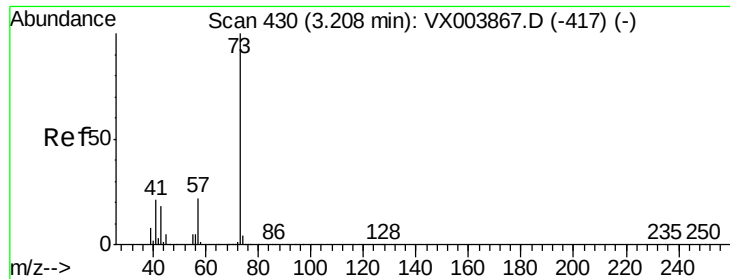
Tgt Ion: 43 Resp: 103194

Ion Ratio Lower Upper

43 100

74 24.8 18.9 28.3





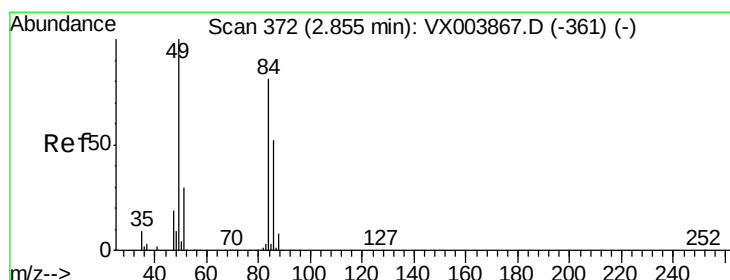
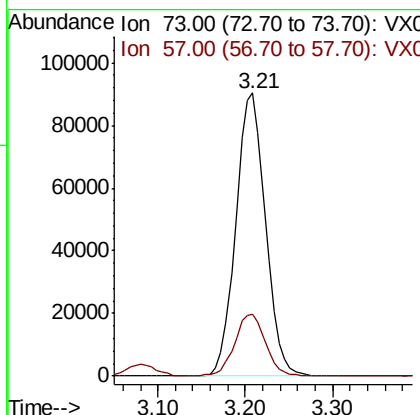
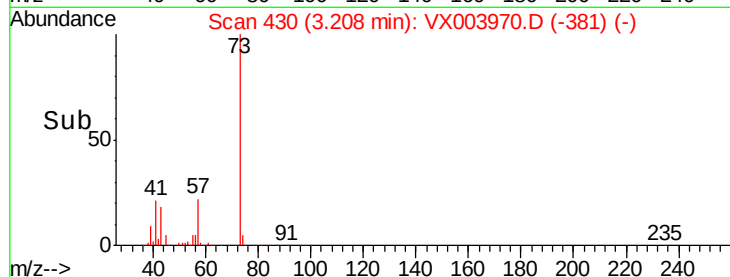
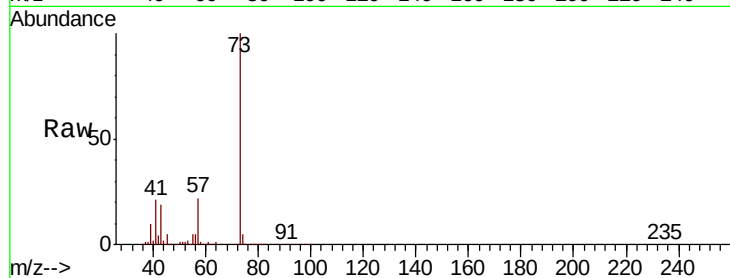
#19
Methyl tert-butyl Ether
Concen: 23.04 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleID :
VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.0	27.0

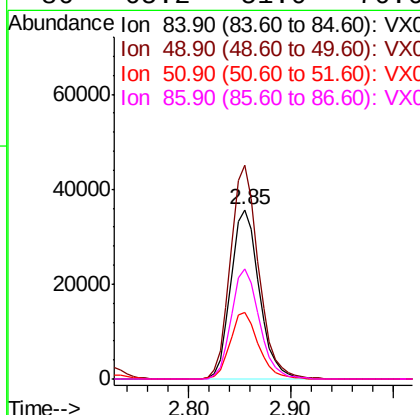
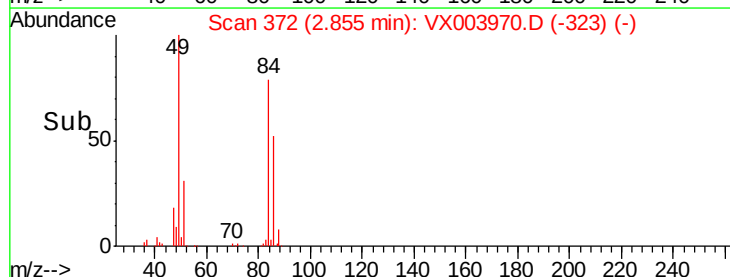
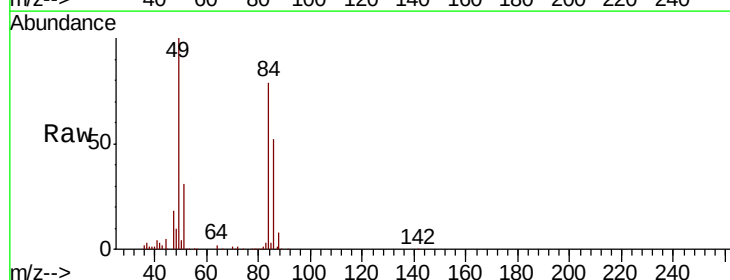
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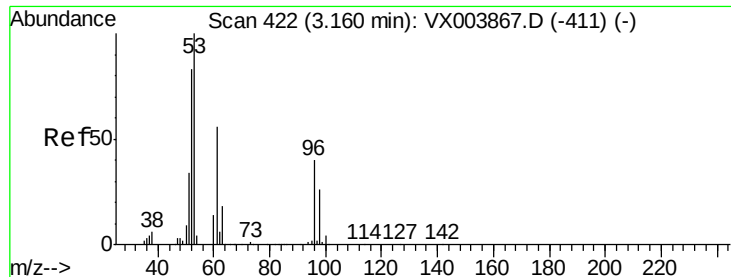
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#20
Methylene Chloride
Concen: 21.71 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	98.9	148.3
51	39.2	29.9	44.9
86	65.2	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.60 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion: 96 Resp: 58082

Ion Ratio Lower Upper

96 100

61 137.8 111.8 167.6

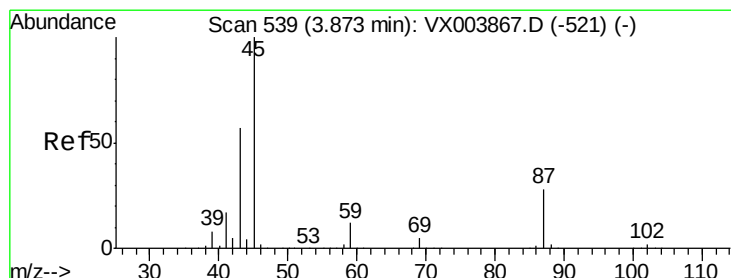
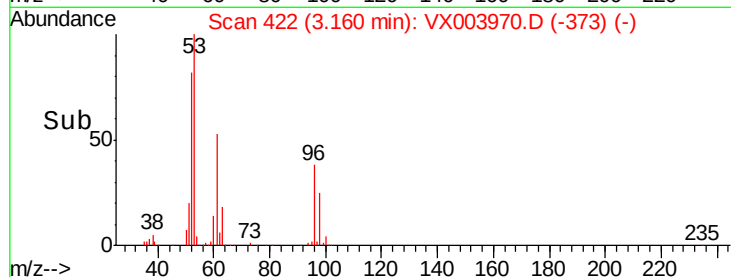
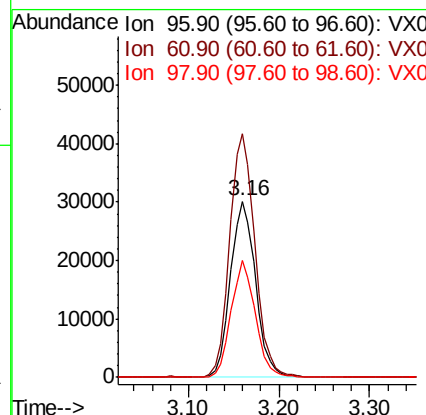
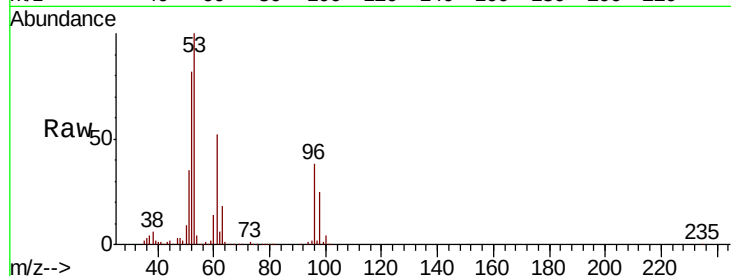
98 66.0 51.8 77.6

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#22

Diisopropyl ether

Concen: 22.00 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Tgt Ion: 45 Resp: 203415

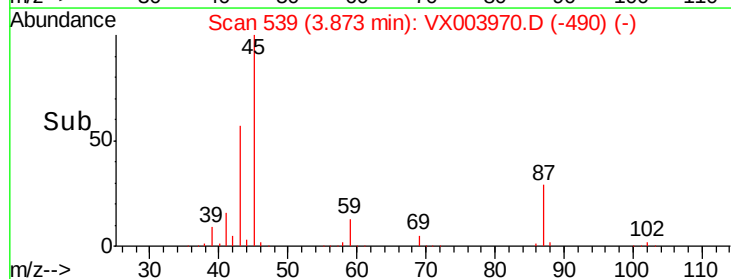
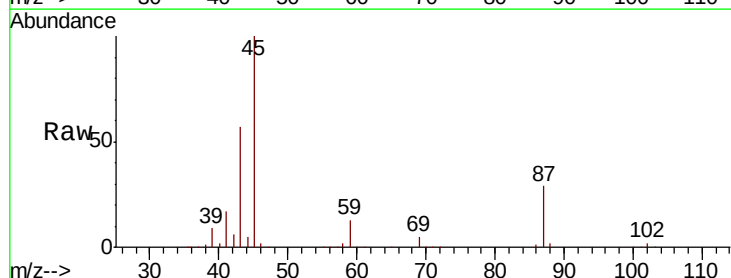
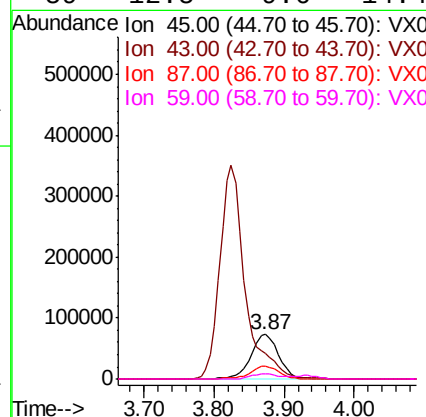
Ion Ratio Lower Upper

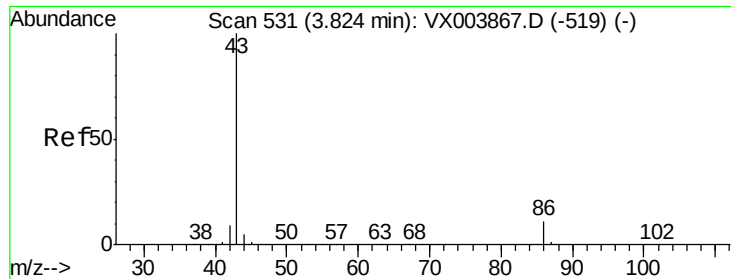
45 100

43 56.9 45.3 67.9

87 29.2 22.7 34.1

59 12.5 9.6 14.4





#23

Vinyl Acetate

Concen: 114.75 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion: 43 Resp: 882906

Ion Ratio Lower Upper

43 100

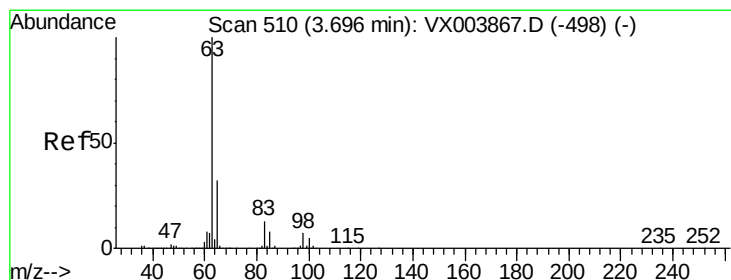
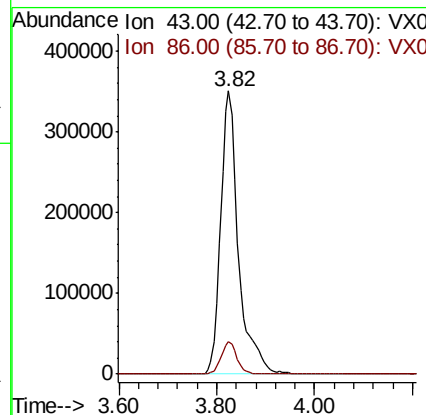
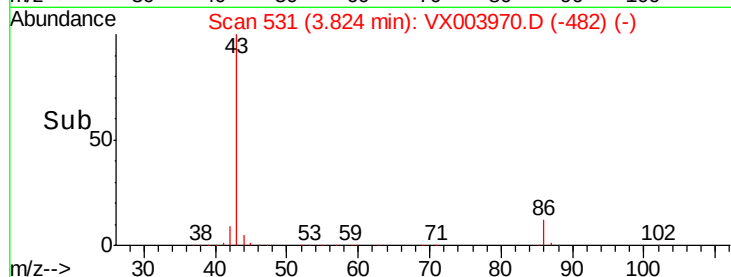
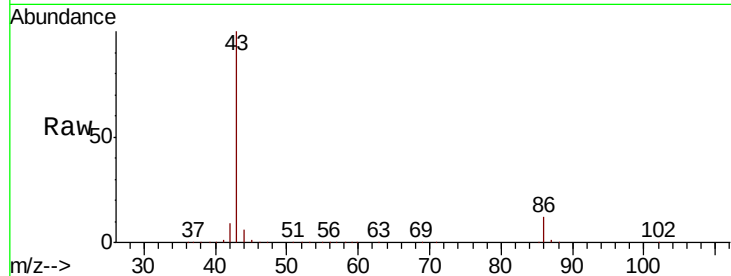
86 11.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 20.54 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

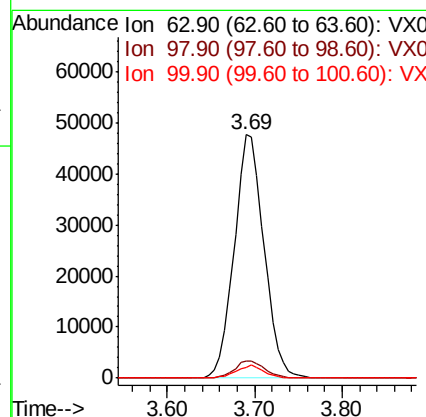
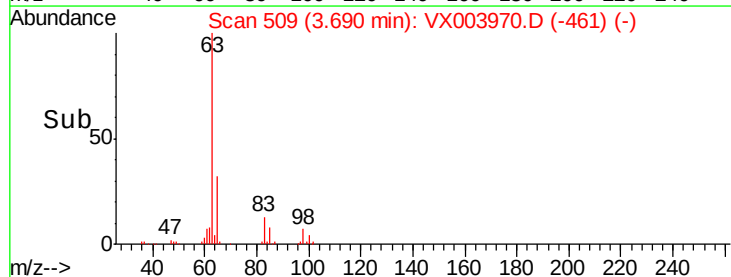
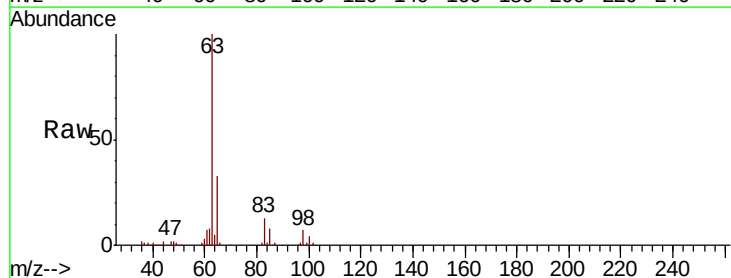
Tgt Ion: 63 Resp: 112826

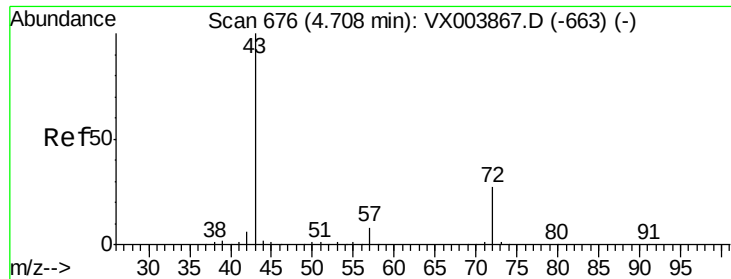
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 119.92 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion: 43 Resp: 345742

Ion Ratio Lower Upper

43 100

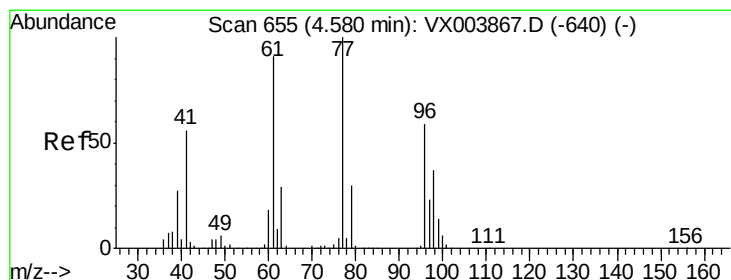
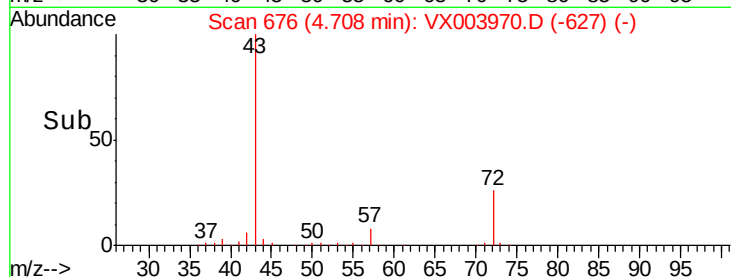
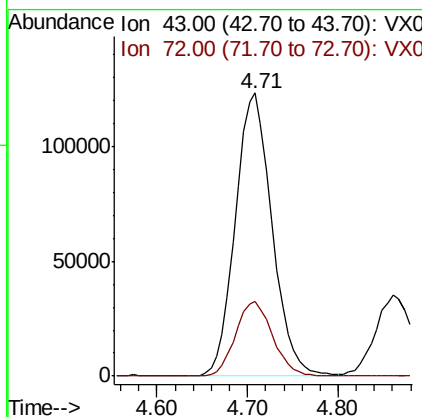
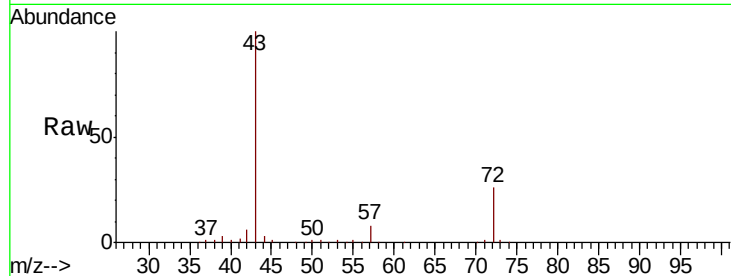
72 26.4 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.08 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003970.D

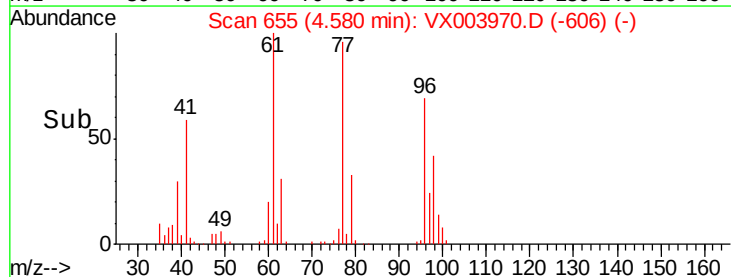
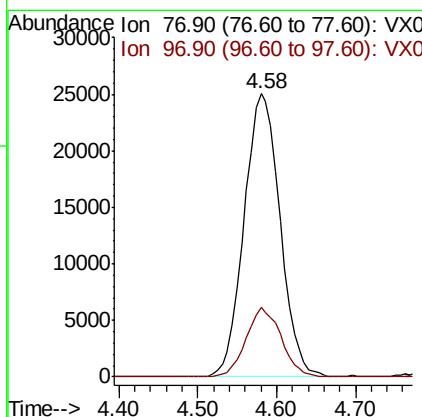
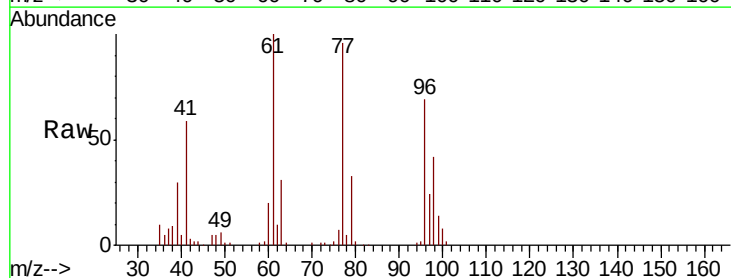
Acq: 10 Aug 2018 12:17

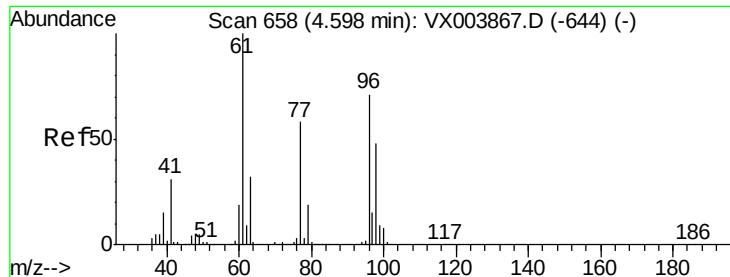
Tgt Ion: 77 Resp: 79552

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9





#27

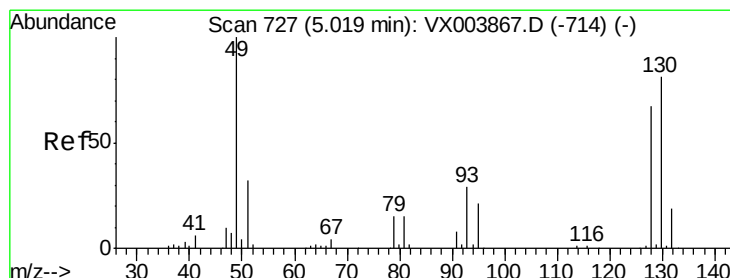
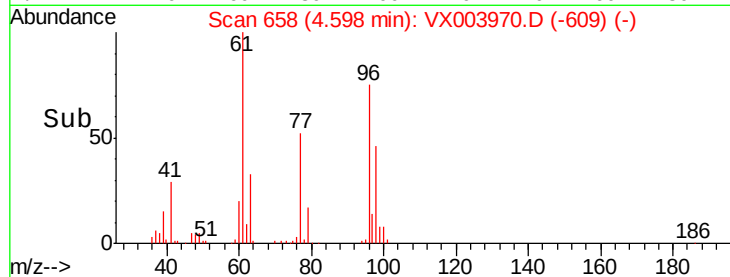
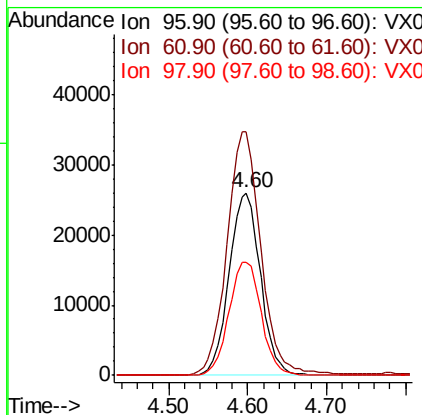
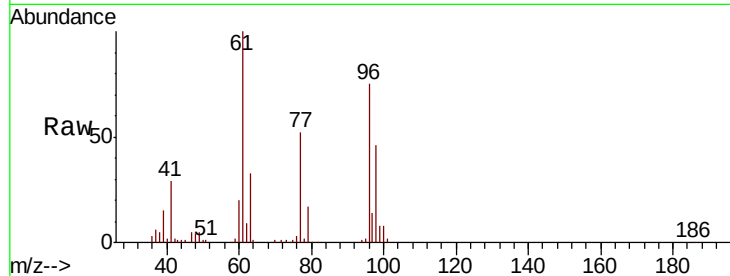
cis-1,2-Dichloroethene
 Concen: 22.33 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	293.0
98	63.9	0.0	131.8

Manual Integrations
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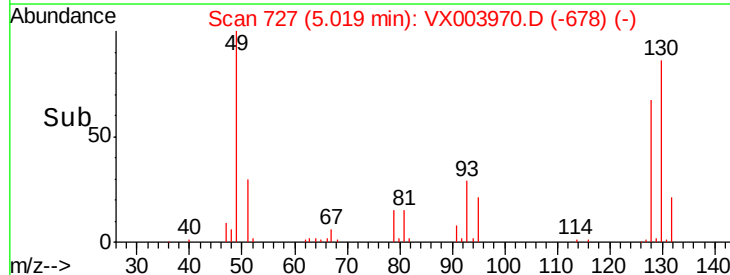
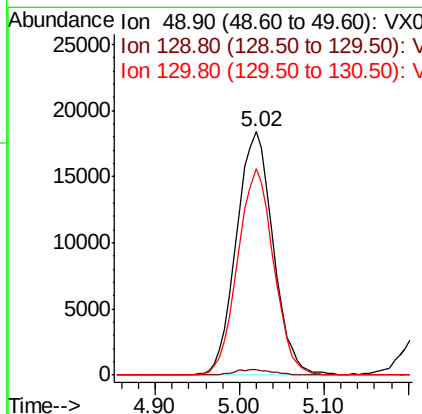
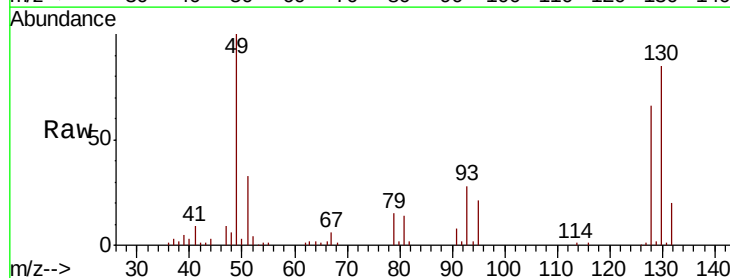
MMDadoda
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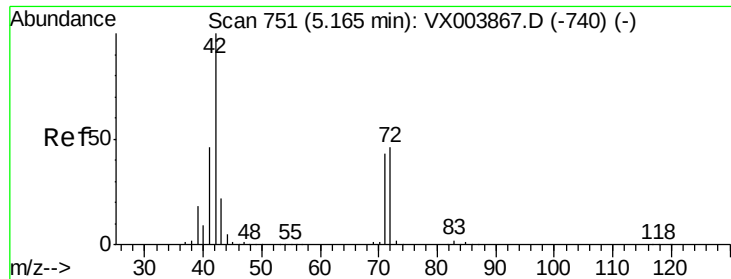


#28

Bromochloromethane
 Concen: 23.12 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	82.7	66.5	99.7





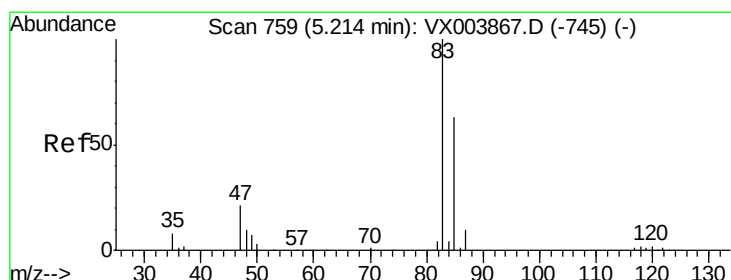
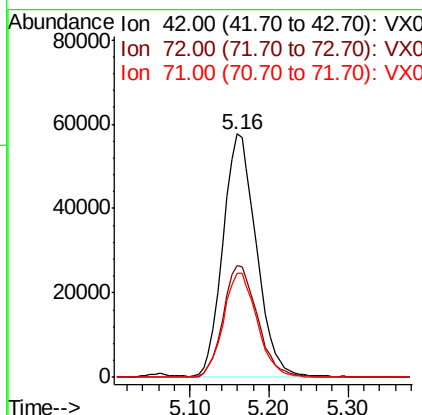
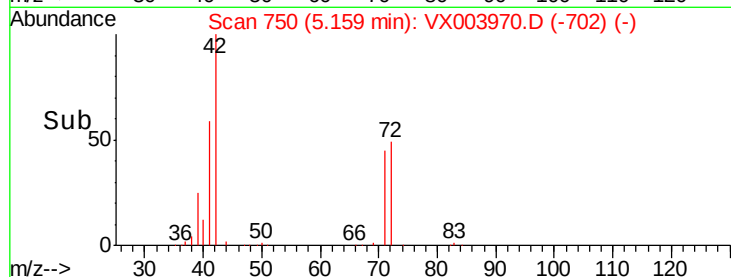
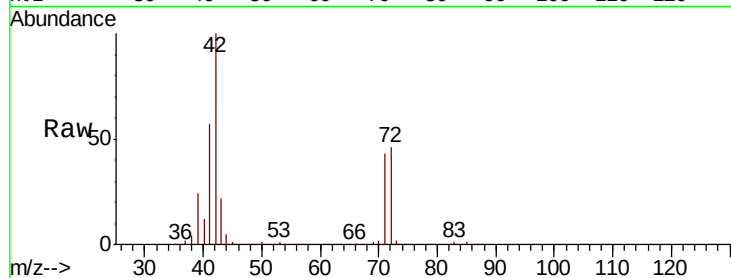
#29
Tetrahydrofuran
Concen: 114.28 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.7	56.5
71	43.7	35.0	52.6

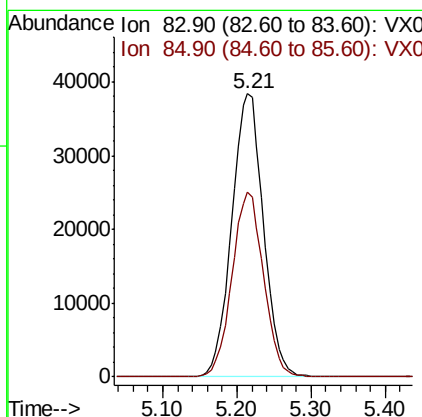
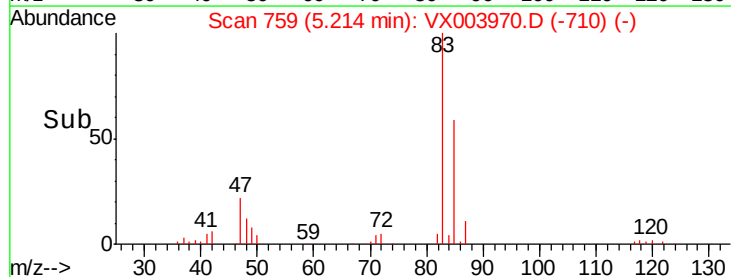
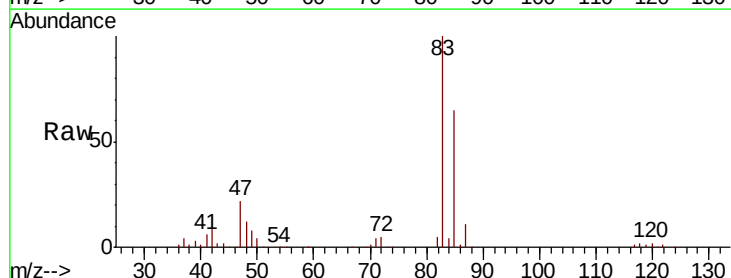
Manual Integrations
APPROVED

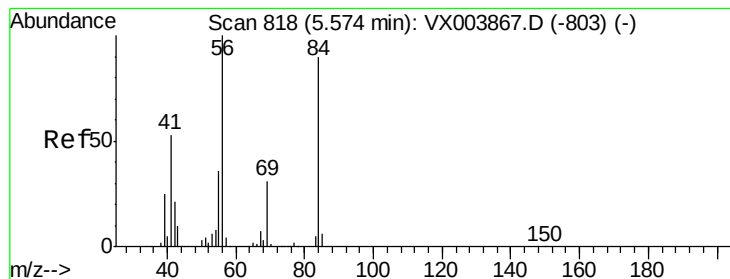
MMDadoda
8/13/2018 11:02:04 AM



#30
Chloroform
Concen: 22.13 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.7	76.1





#31

Cyclohexane

Concen: 16.11 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0810WBSD01

Tot Ion: 56 Resp: 74861

Ion Ratio Lower Upper

56 100

69 30.0 24.9 37.3

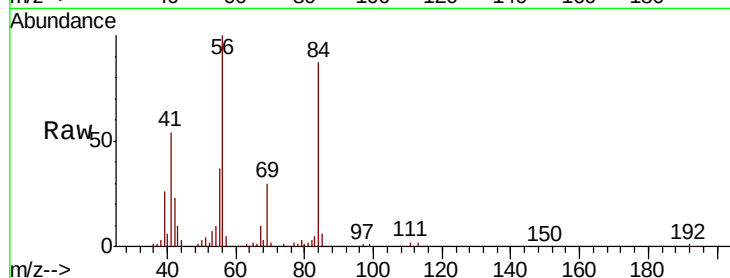
84 85.7 71.7 107.5

Manual Integrations

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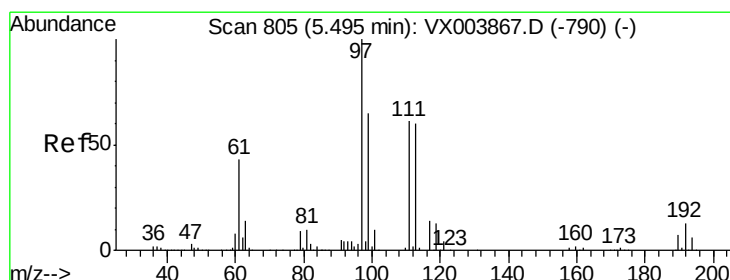
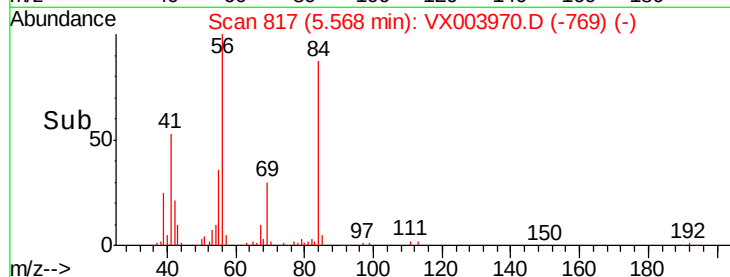
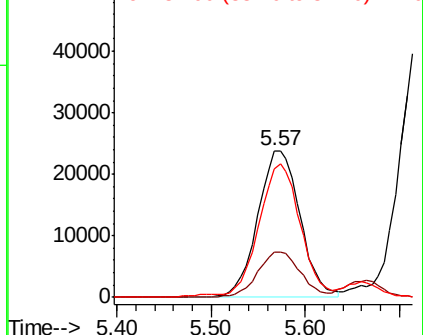


Abundance

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: 20.20 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

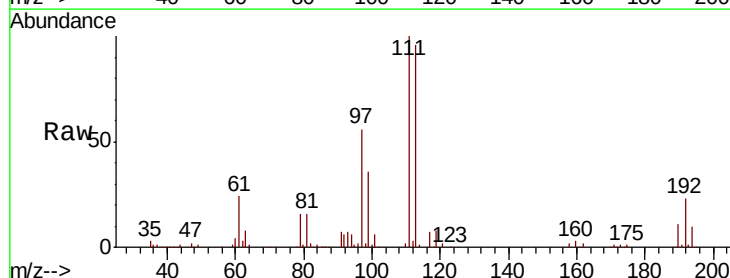
Tgt Ion: 97 Resp: 87598

Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.8

61 43.9 34.4 51.6

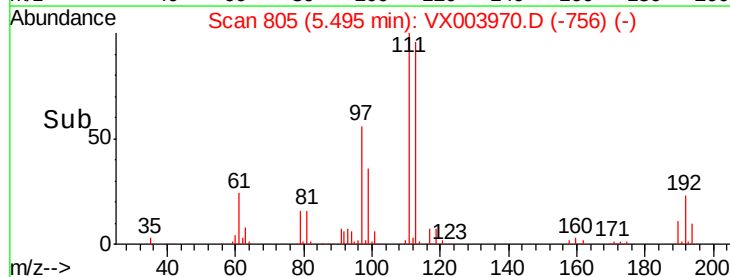
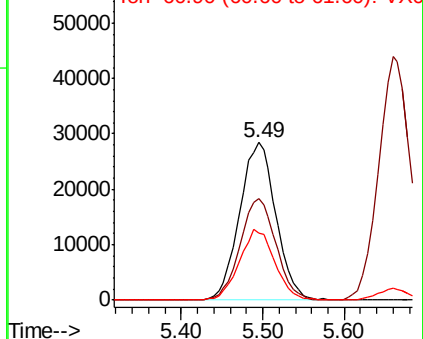


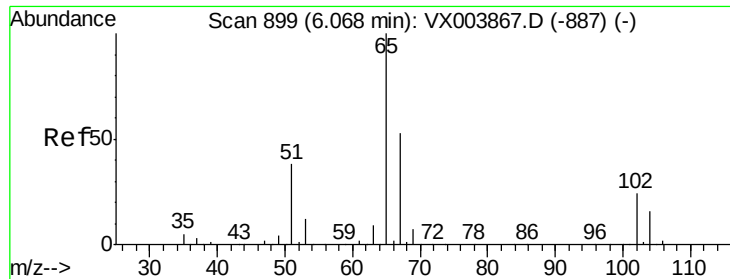
Abundance

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





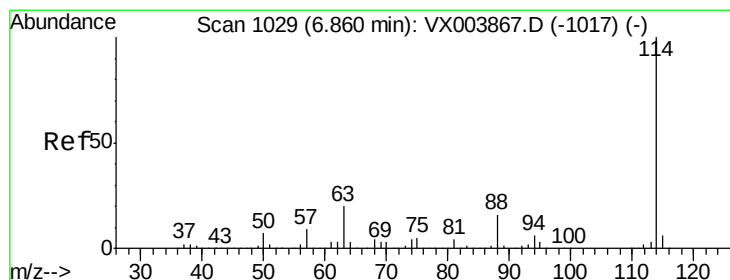
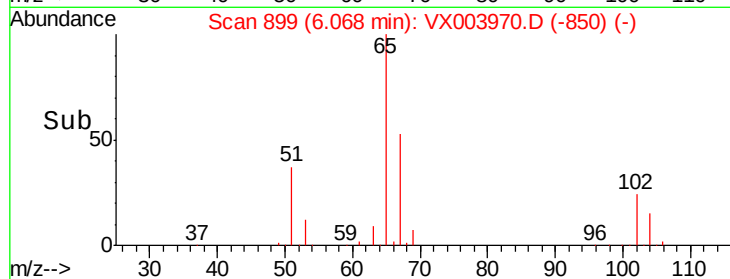
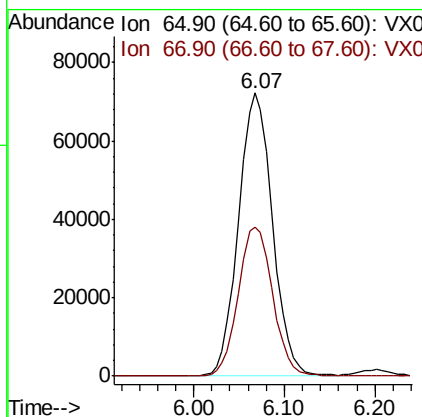
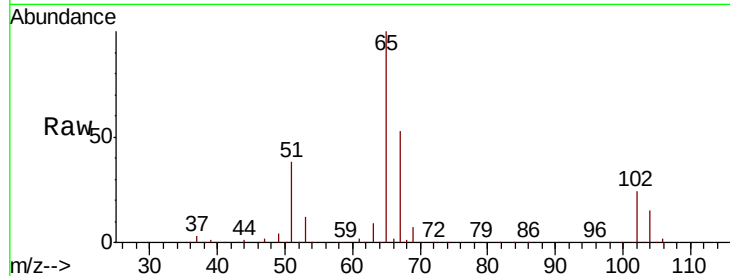
#33
 1,2-Dichloroethane-d4
 Concen: 58.16 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.8

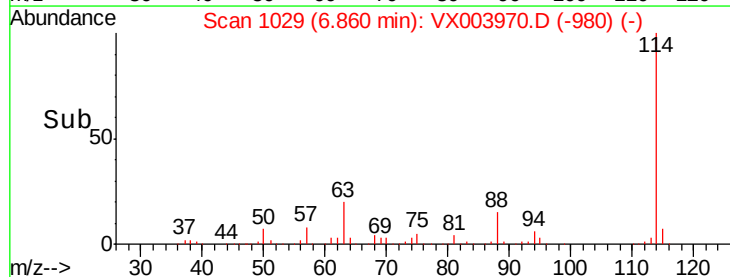
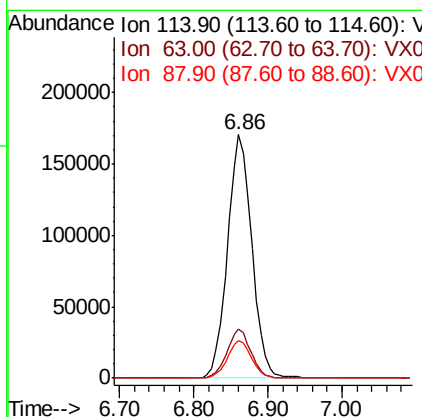
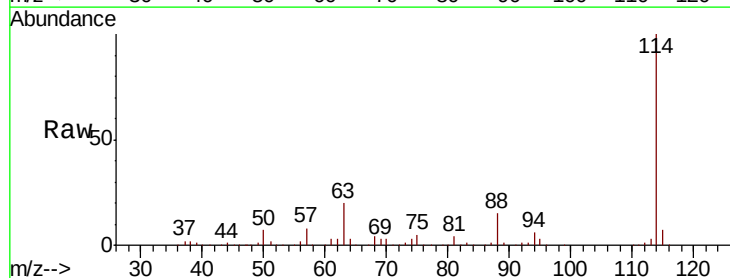
Manual Integrations
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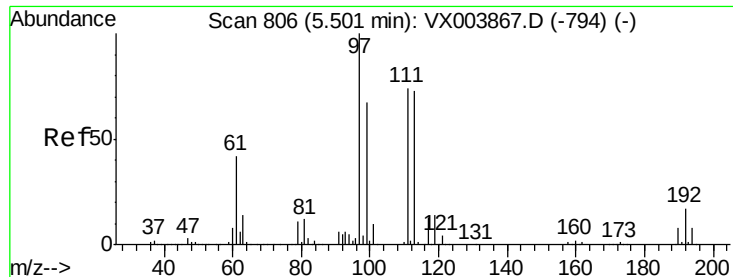
MMDadoda
 8/13/2018 11:02:04 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	15.2	0.0	32.0





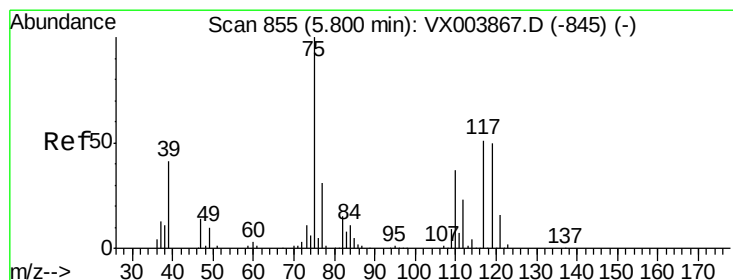
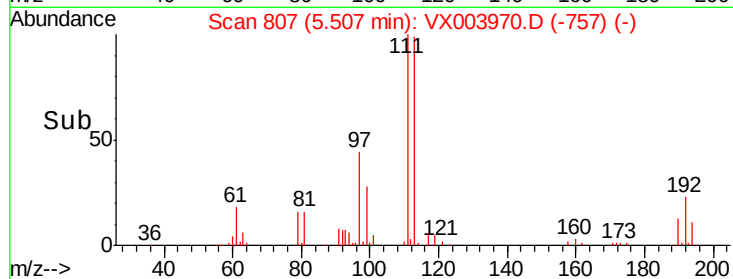
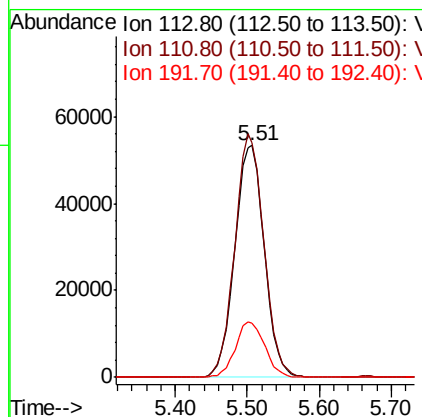
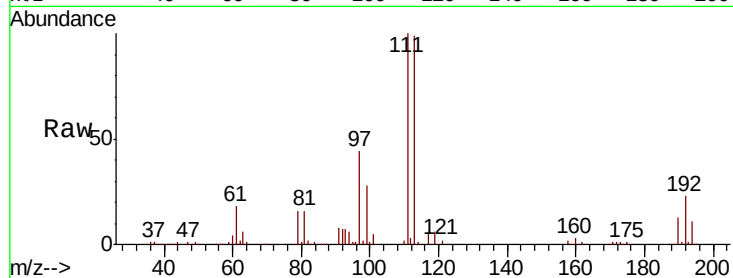
#35
 Dibromofluoromethane
 Concen: 51.50 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152173		
111	103.2	82.0	123.0	
192	23.8	19.0	28.4	

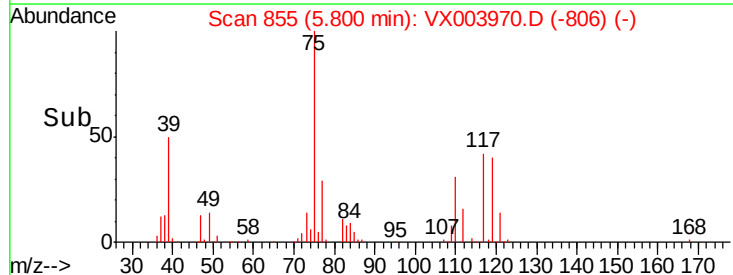
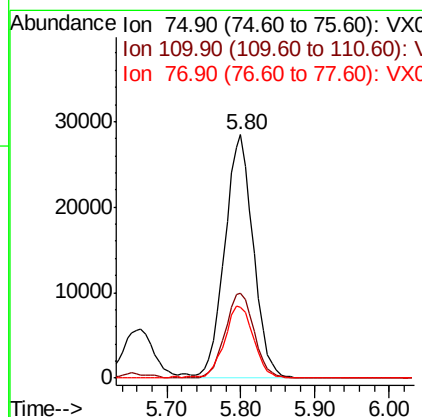
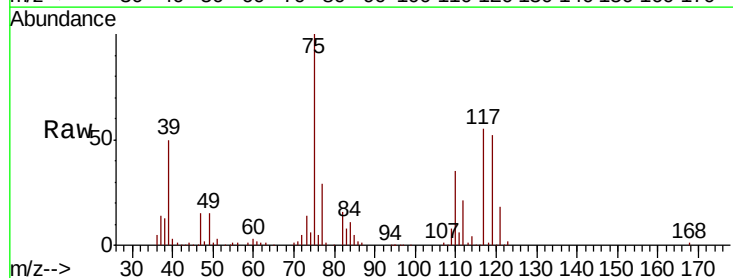
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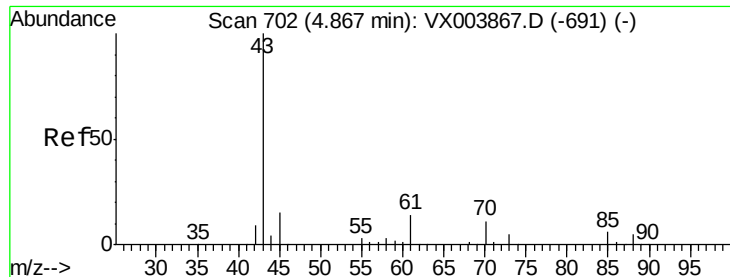
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#36
 1,1-Dichloropropene
 Concen: 17.41 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76073		
110	35.6	18.2	54.6	
77	30.3	25.0	37.4	





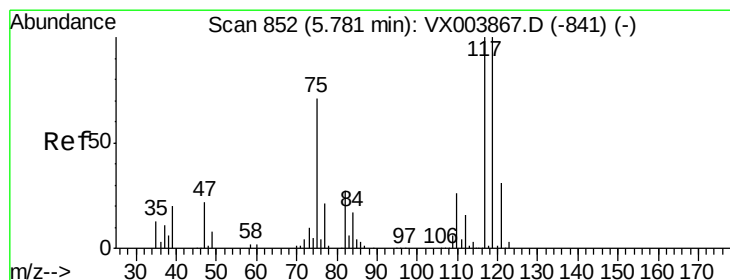
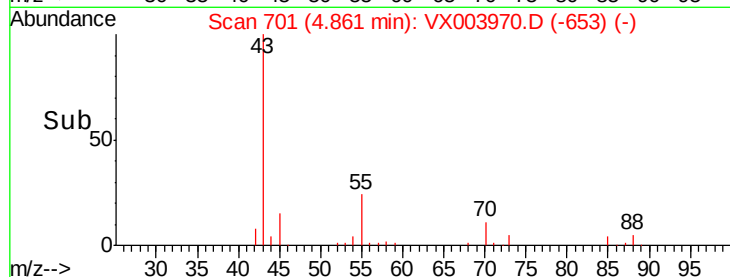
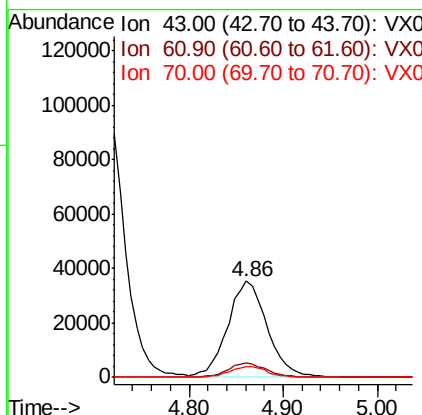
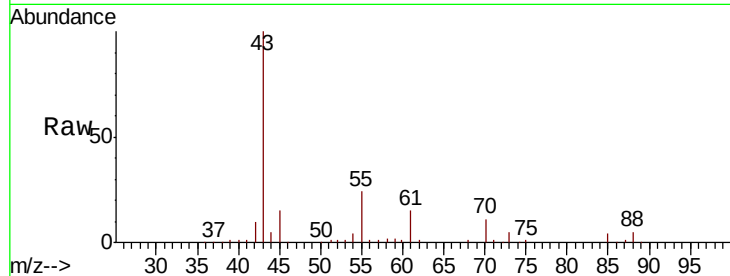
#37
Ethyl Acetate
Concen: 21.14 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	11.2	9.0	13.4

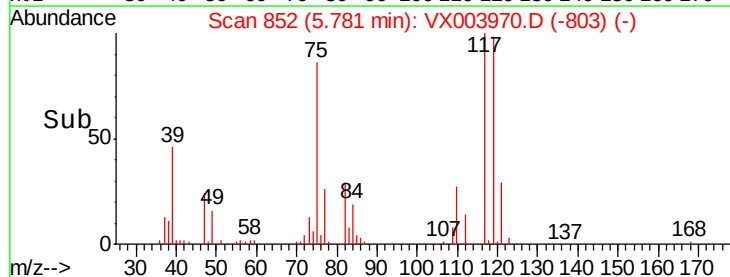
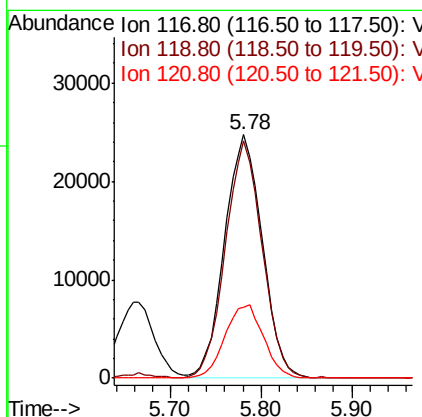
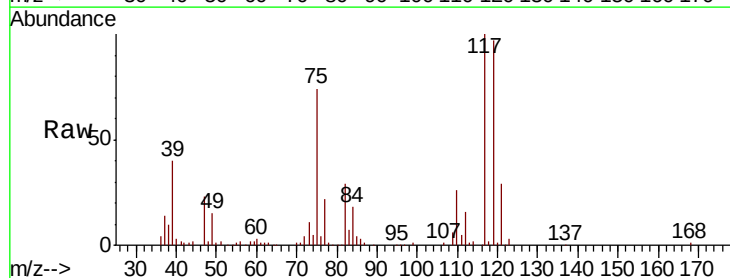
Manual Integrations
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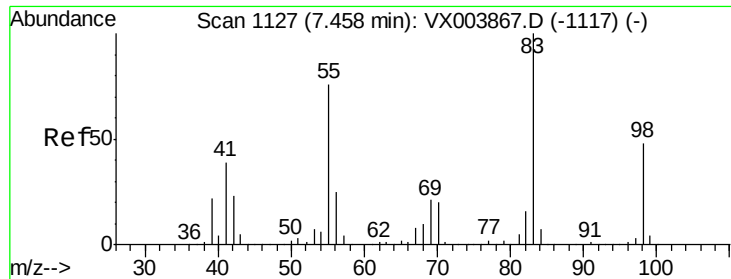
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#38
Carbon Tetrachloride
Concen: 17.22 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	79.5	119.3
121	28.9	25.0	37.4





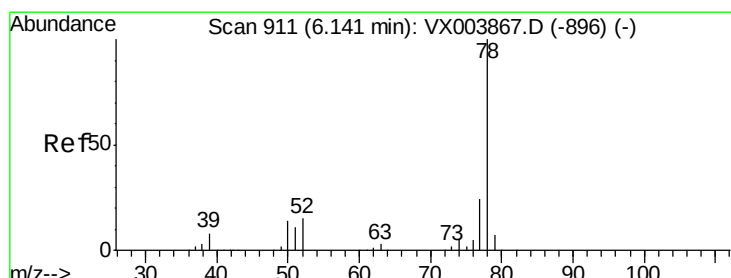
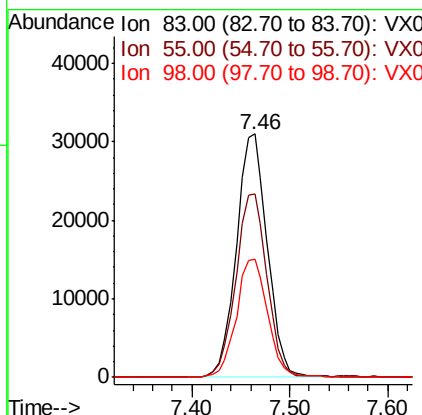
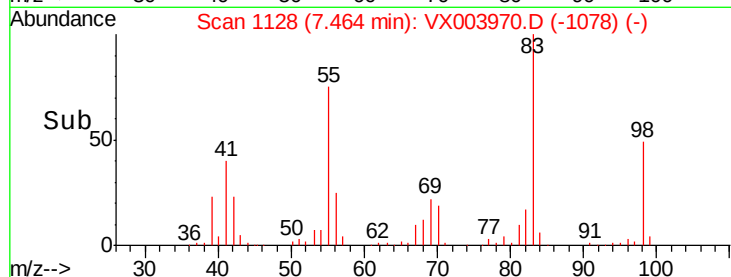
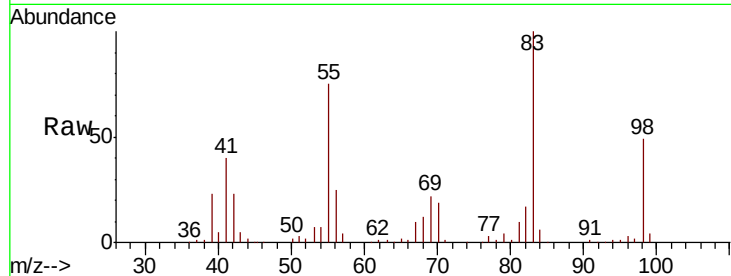
#39
Methylvlcyclohexane
Concen: 13.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.0	91.6
98	48.7	38.6	57.8

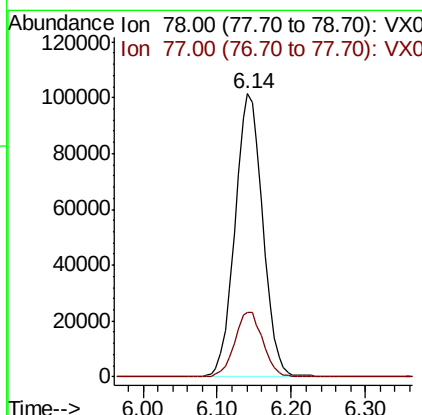
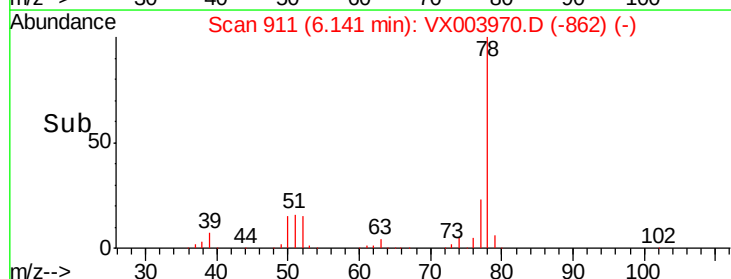
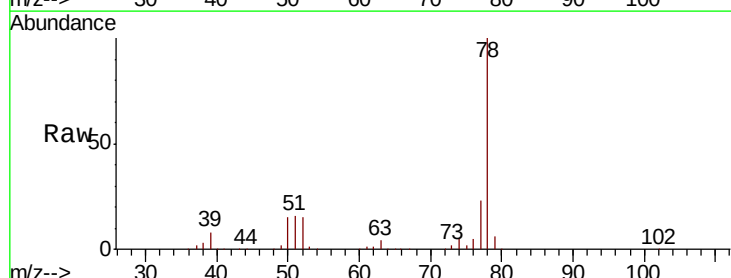
Manual Integrations
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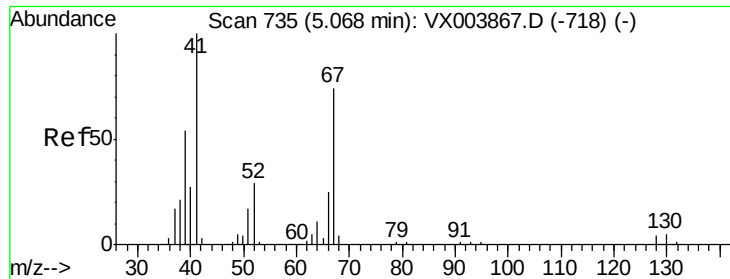
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#40
Benzene
Concen: 20.22 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





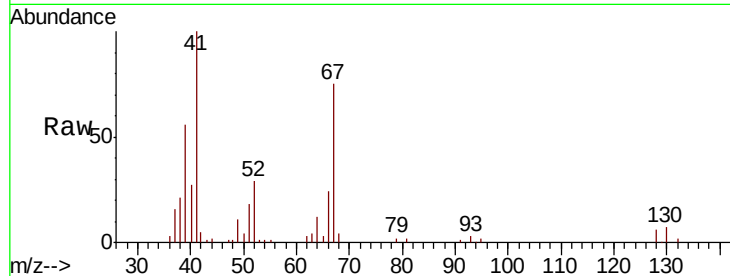
#41
Methacrylonitrile
Concen: 21.39 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56601	41	100		
	39	53.5	42.7	64.1
	67	74.2	58.9	88.3
	52	29.4	22.6	33.8

Manual Integrations
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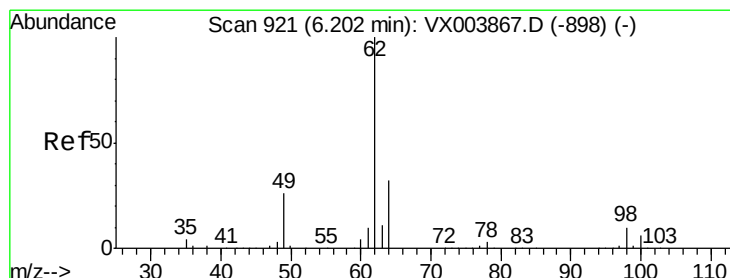
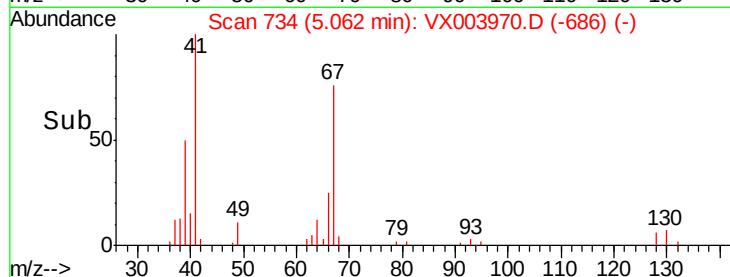
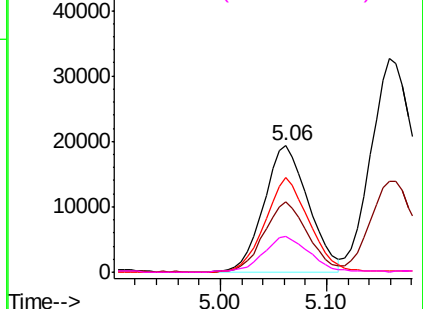
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

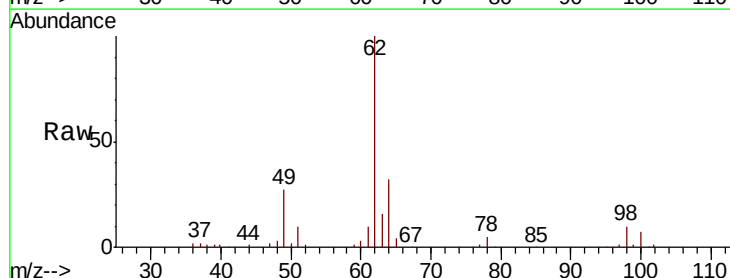
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 21.34 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

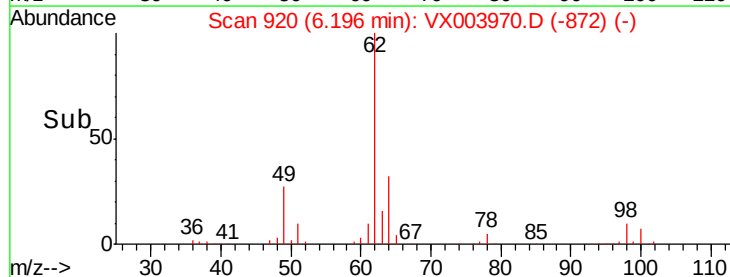
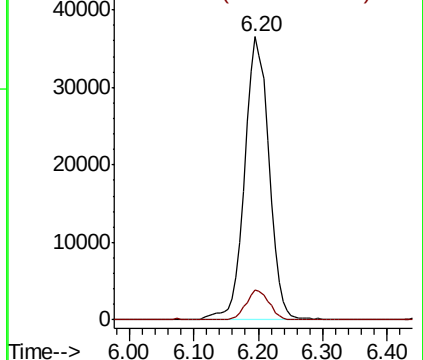
Tgt Ion	Ion	Ratio	Lower	Upper
94665	62	100		
	98	10.0	0.0	20.4

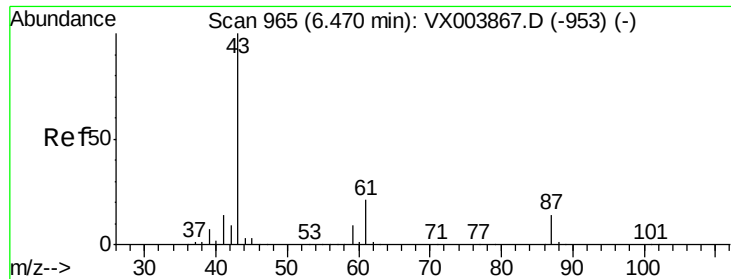


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

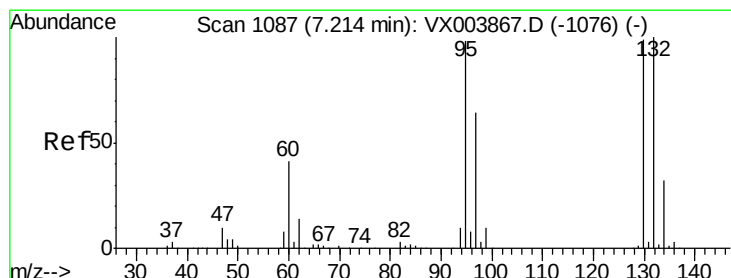
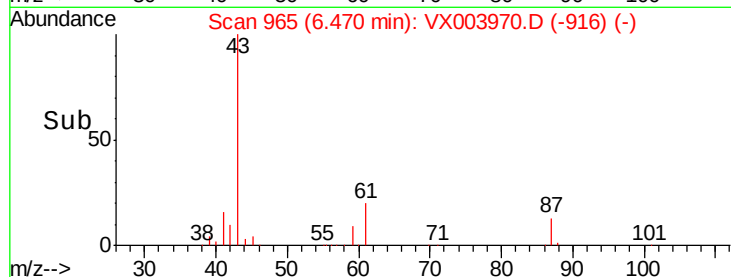
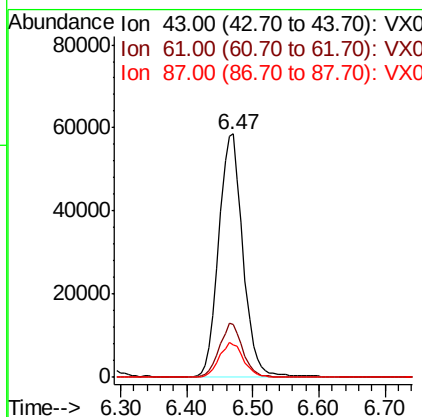
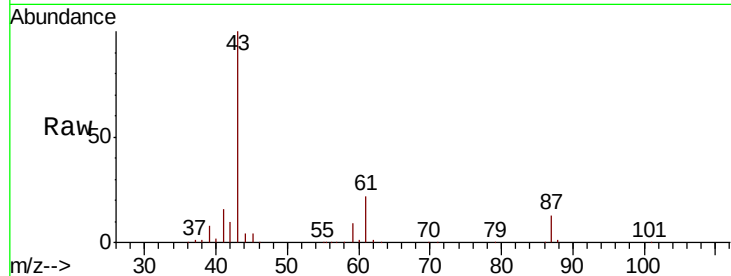
Isopropyl Acetate
 Concen: 20.36 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.9	25.3
87	14.4	11.3	16.9

Manual Integrations
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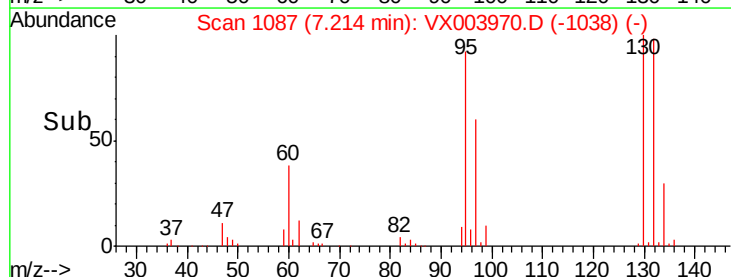
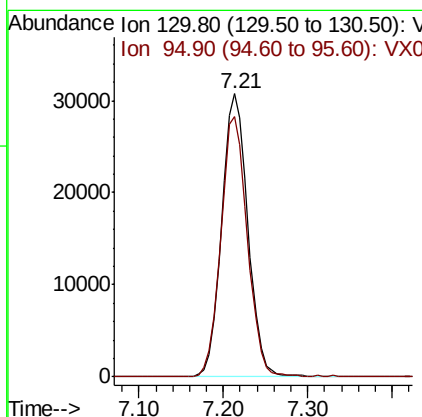
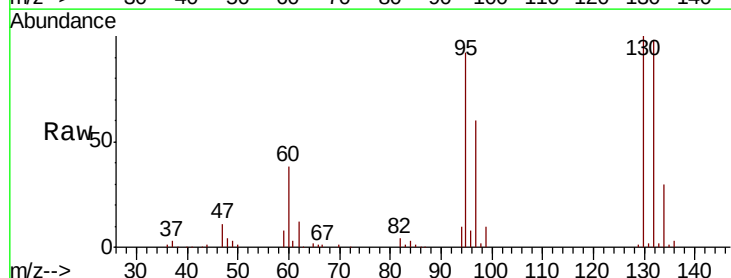
MMDadoda
 8/13/2018 11:02:04 AM

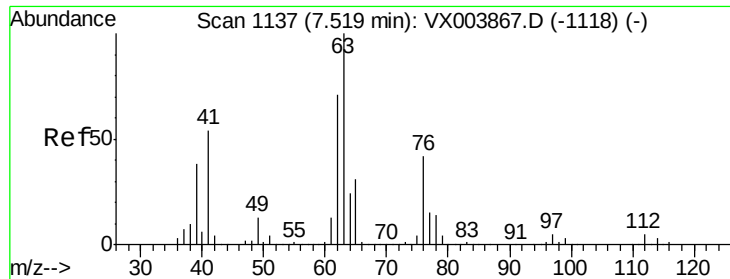


#44

Trichloroethene
 Concen: 18.27 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	199.4





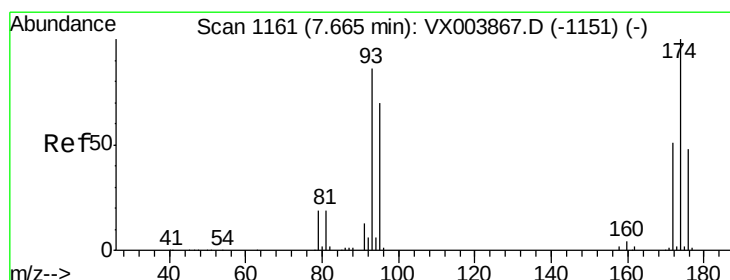
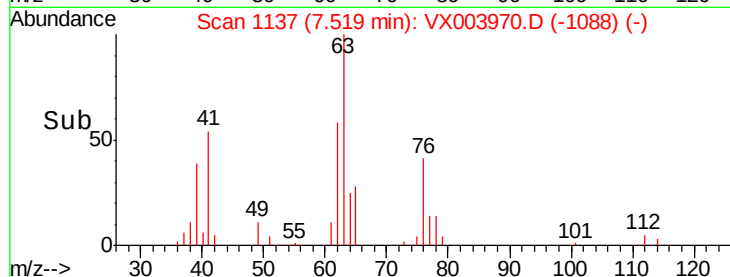
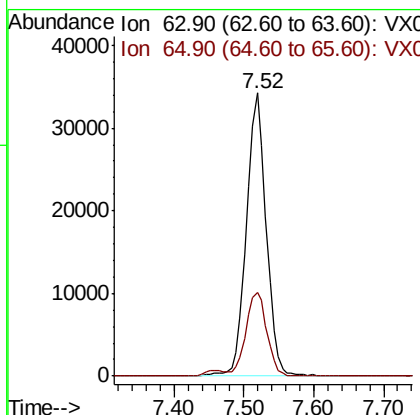
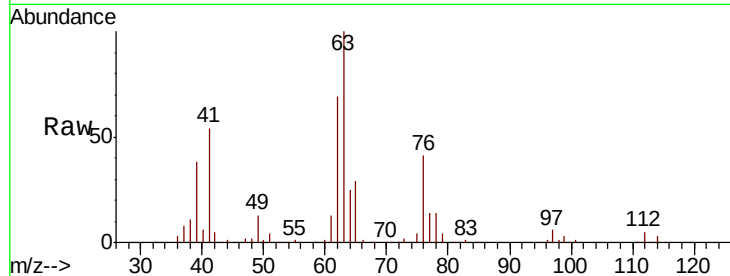
#45
 1,2-Dichloropropane
 Concen: 19.91 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion: 63 Resp: 67429
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.6 36.8

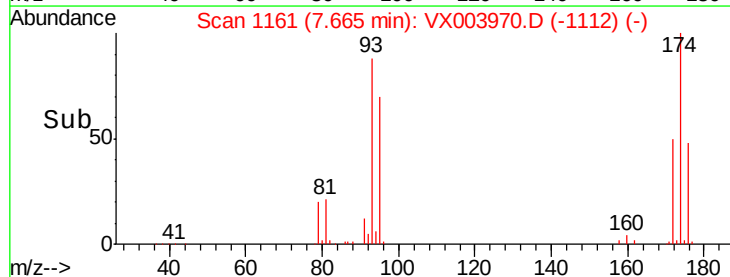
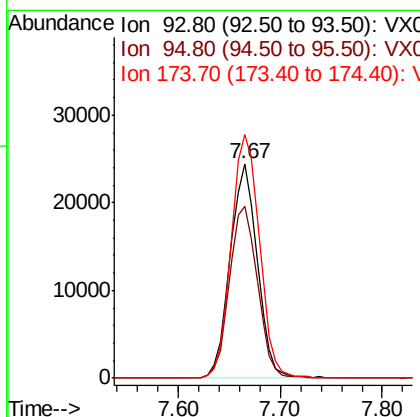
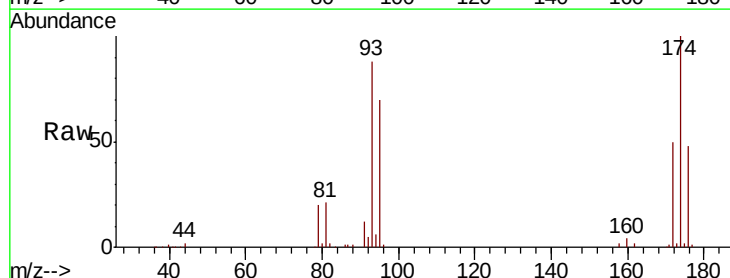
Manual Integrations
 APPROVED

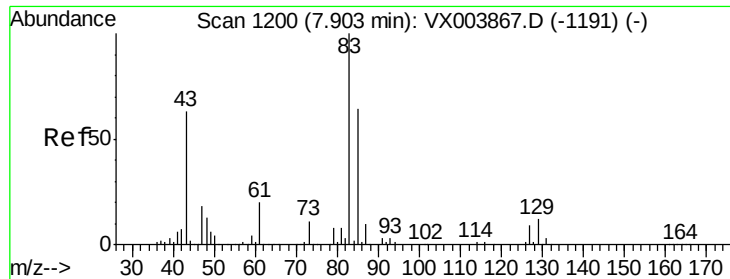
MMDadoda
 8/13/2018 11:02:04 AM



#46
 Dibromomethane
 Concen: 20.44 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion: 93 Resp: 44951
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.4 99.6
 174 118.0 94.3 141.5





#47

Bromodichloromethane

Concen: 19.92 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

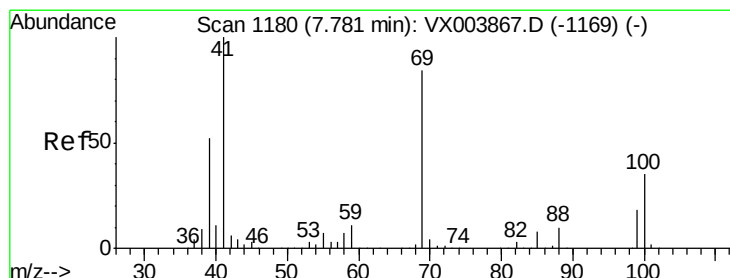
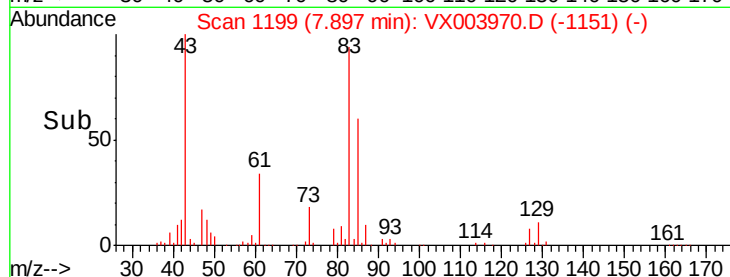
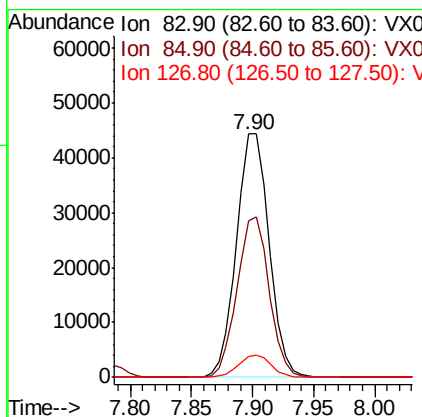
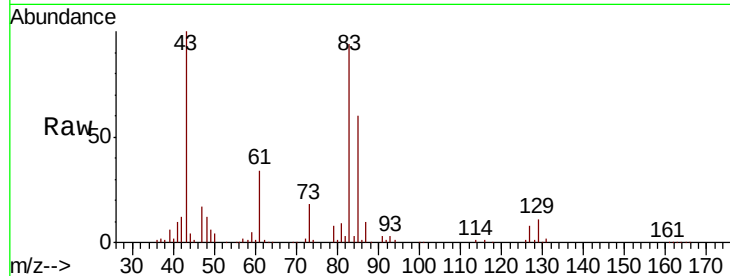
ClientSampleId :

VX0810WBSD01

Tot Ion:	83	Resp:	82523
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.2	76.8
127	8.6	7.2	10.8

Manual Integrations
APPROVED

MMDadoda
8/13/2018 11:02:04 AM



#48

Methyl methacrylate

Concen: 20.51 ug/l

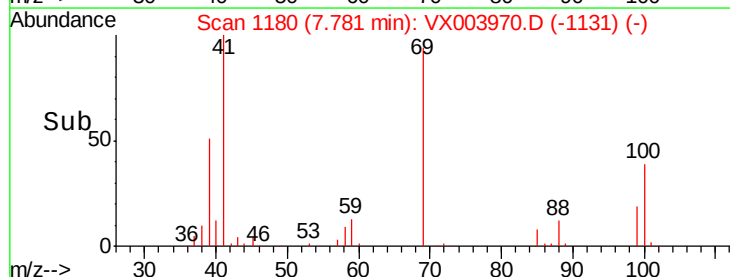
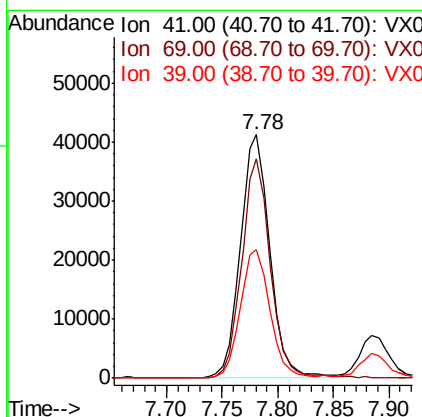
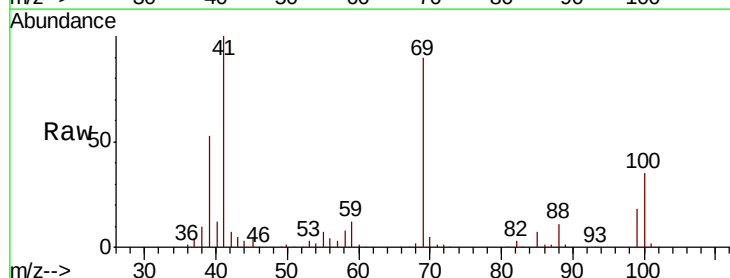
RT: 7.78 min Scan# 1180

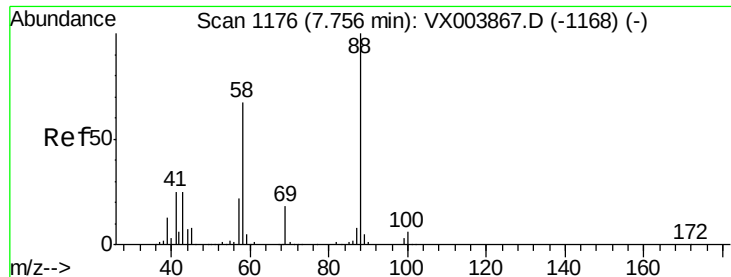
Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Tgt Ion:	41	Resp:	75375
Ion	Ratio	Lower	Upper
41	100		
69	88.6	68.8	103.2
39	53.3	42.3	63.5





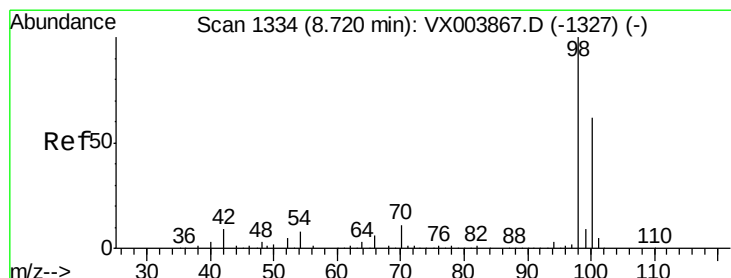
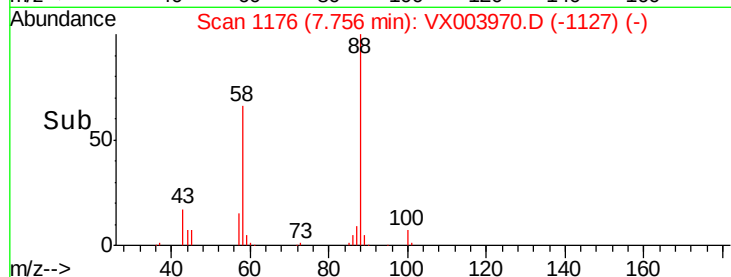
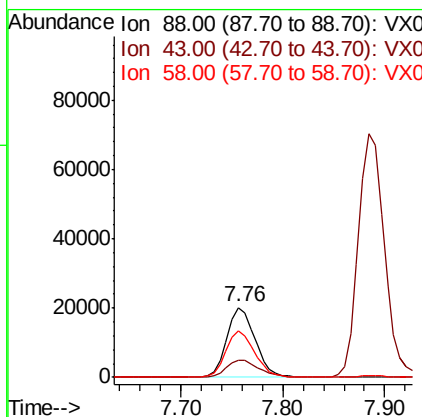
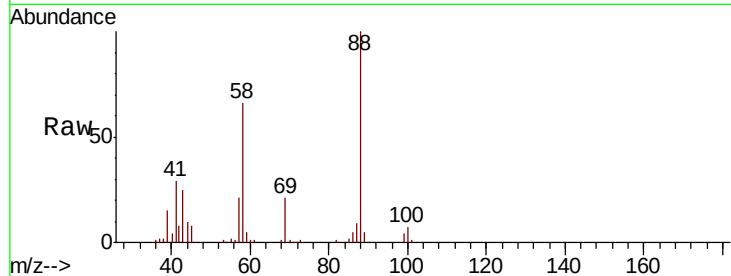
#49
1,4-Dioxane
Concen: 444.46 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	30.1	23.8	35.8	
58	68.8	55.4	83.0	

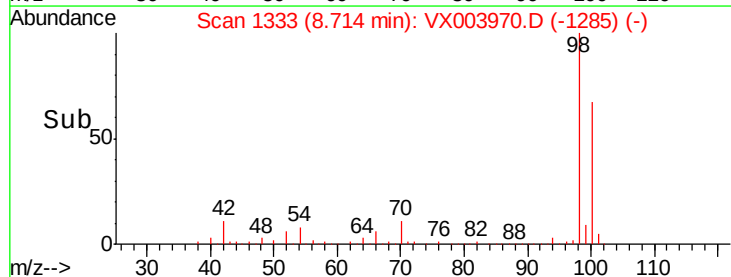
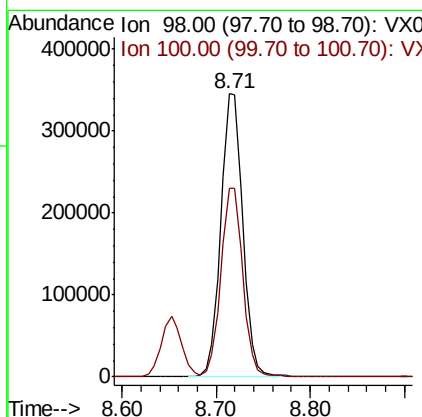
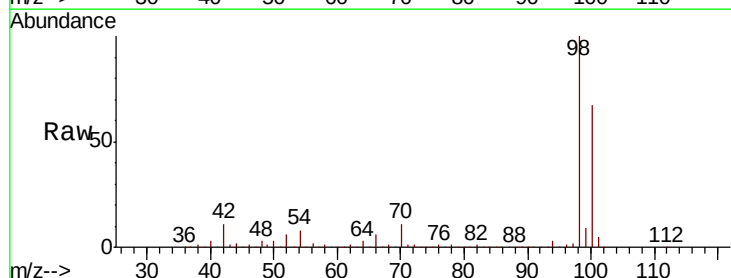
Manual Integrations
APPROVED

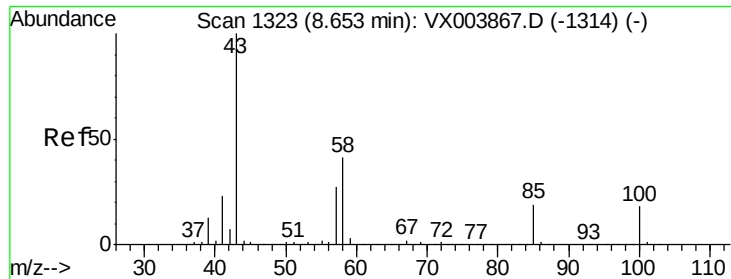
MMDadoda
8/13/2018 11:02:04 AM



#50
Toluene-d8
Concen: 48.38 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	67.0	53.3	79.9	





#51

4-Methyl-2-Pentanone

Concen: 108.02 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion: 43 Resp: 647439

Ion Ratio Lower Upper

43 100

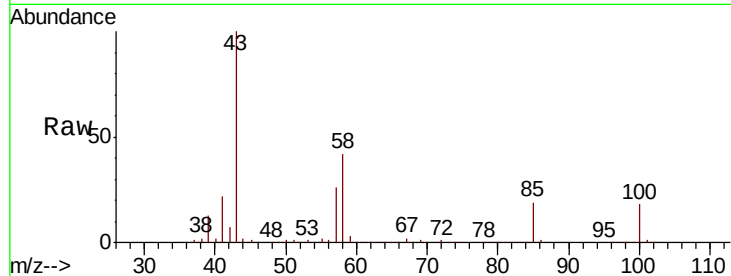
58 40.9 33.0 49.6

Manual Integrations

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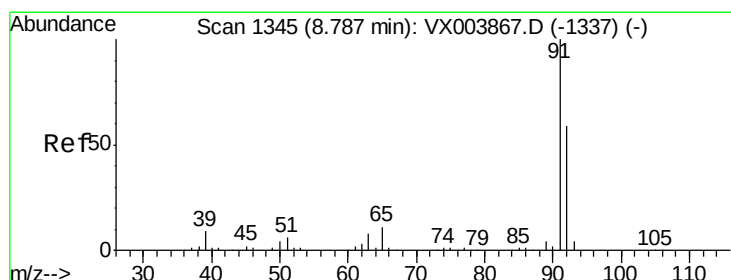
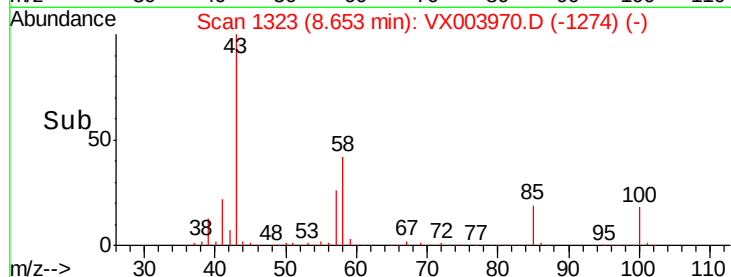
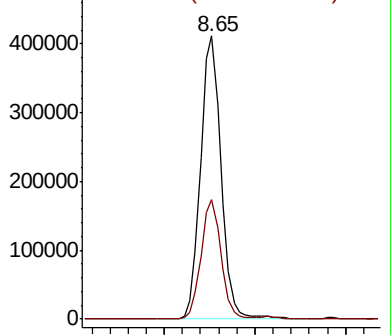
MMDadoda

8/13/2018 11:02:04 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.46 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003970.D

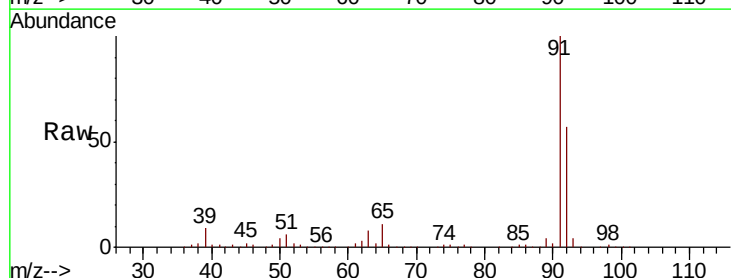
Acq: 10 Aug 2018 12:17

Tgt Ion: 92 Resp: 161287

Ion Ratio Lower Upper

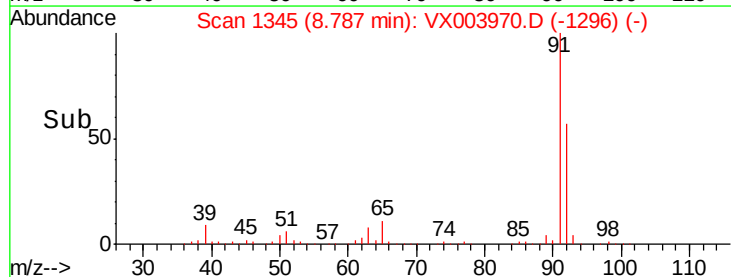
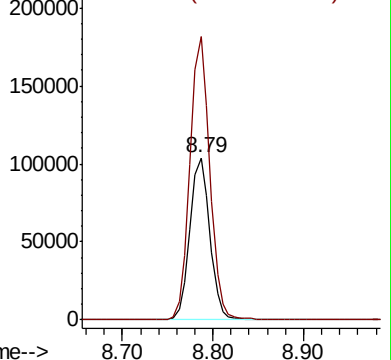
92 100

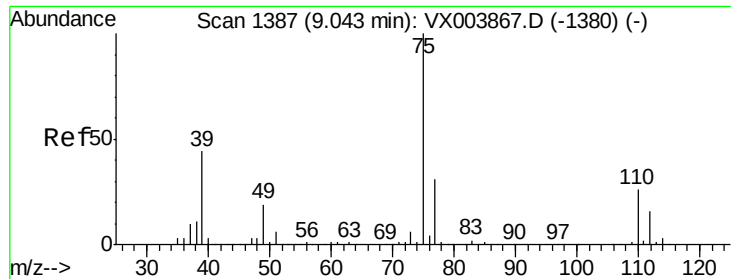
91 172.8 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





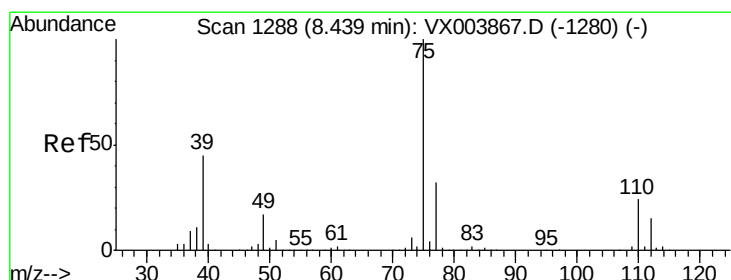
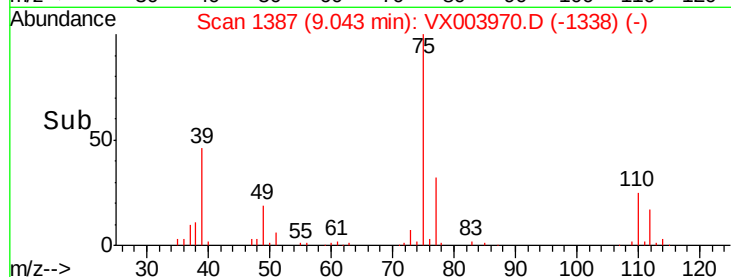
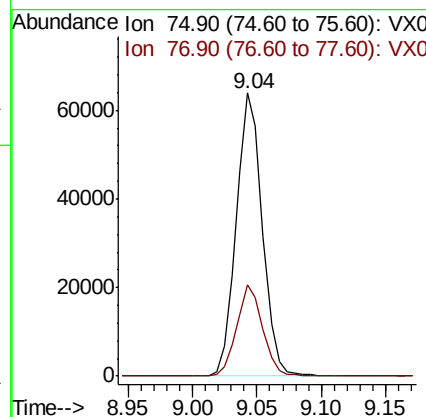
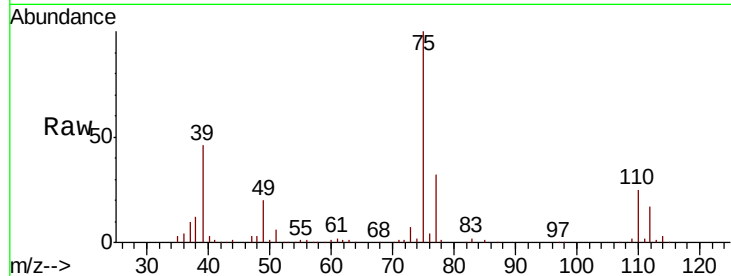
#53
t-1,3-Dichloropropene
Concen: 19.32 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0810WBSD01

Tot Ion: 75 Resp: 90490
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7

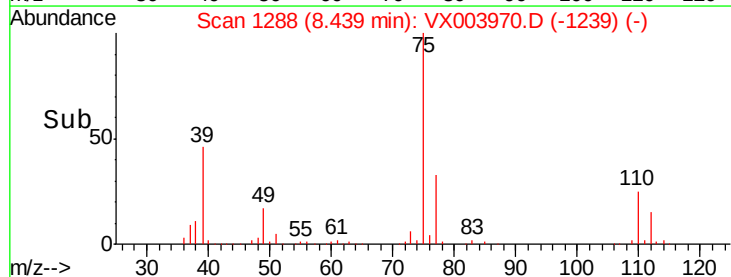
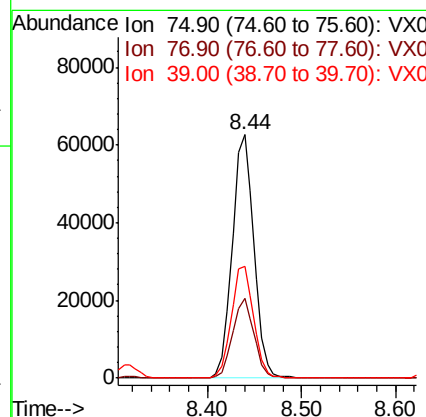
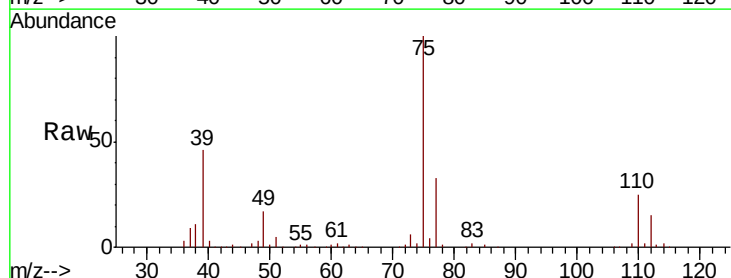
Manual Integrations
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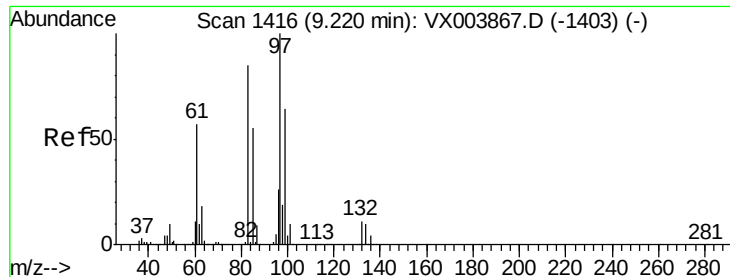
MMDadoda
8/13/2018 11:02:04 AM



#54
cis-1,3-Dichloropropene
Concen: 19.76 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion: 75 Resp: 99774
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 45.6 36.2 54.2





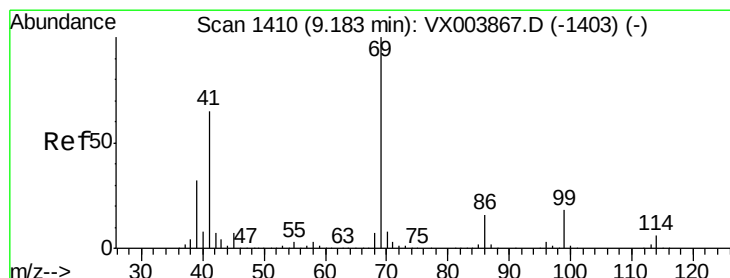
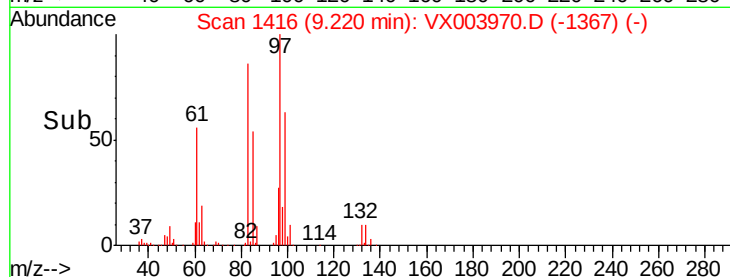
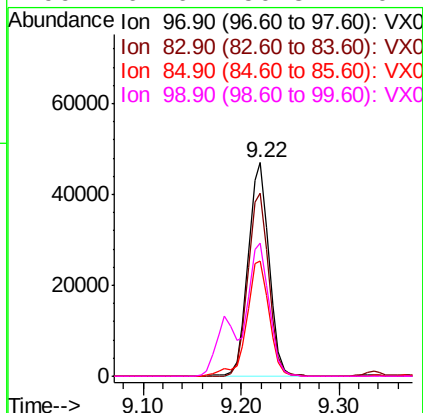
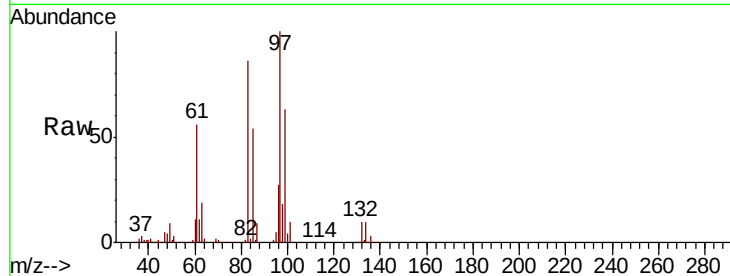
#55
 1,1,2-Trichloroethane
 Concen: 20.47 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion:	97	Resp:	69333
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.8	101.6
85	54.2	44.2	66.2
99	62.6	50.8	76.2

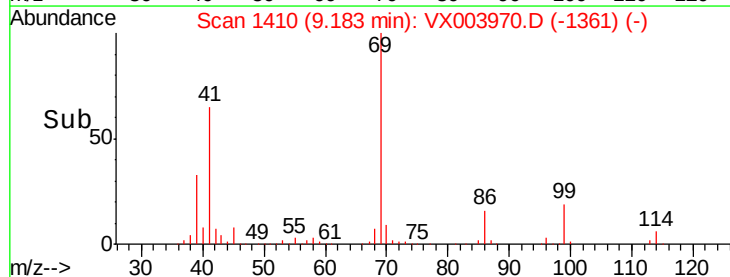
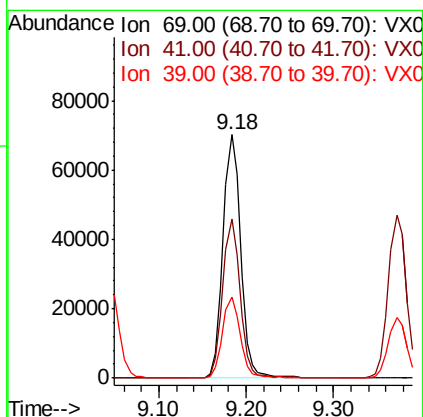
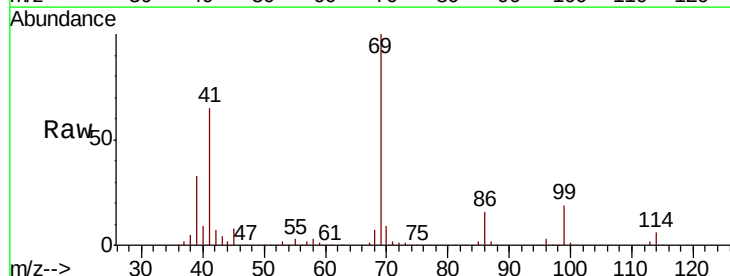
Manual Integrations
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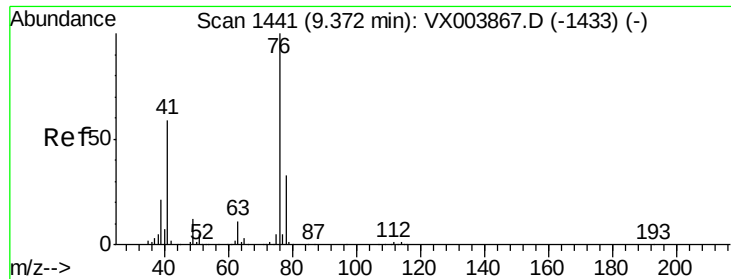
MMDadoda
 8/13/2018 11:02:04 AM



#56
 Ethyl methacrylate
 Concen: 20.10 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion:	69	Resp:	98775
Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.6	76.0
39	33.0	25.8	38.6





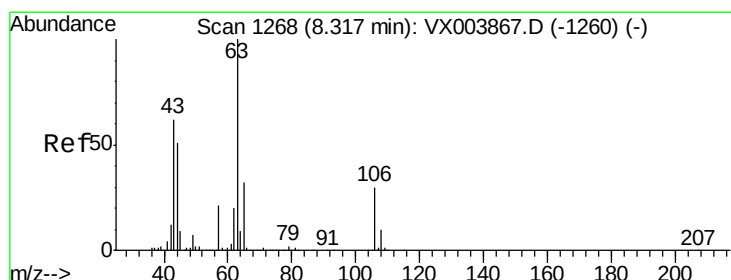
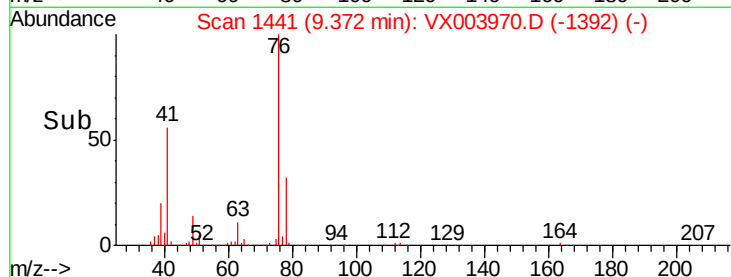
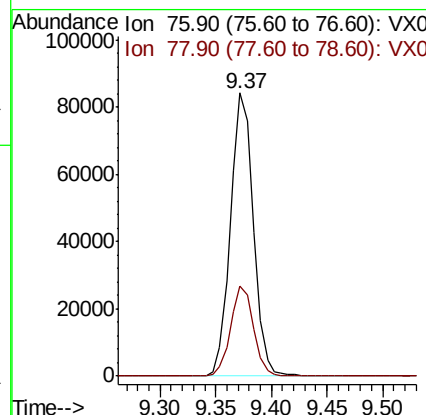
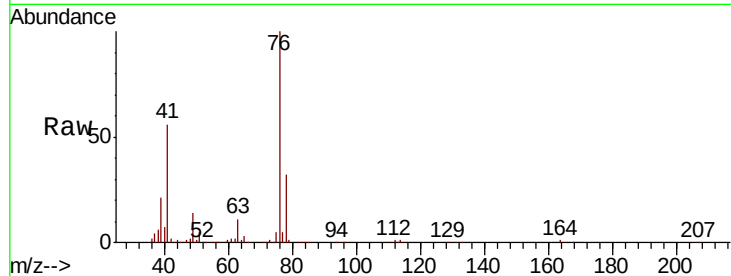
#57
 1,3-Dichloropropane
 Concen: 21.12 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion: 76 Resp: 119699
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9

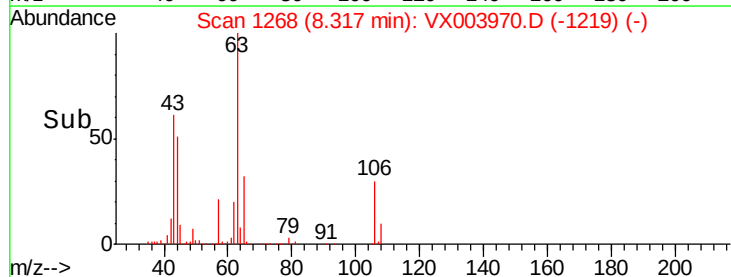
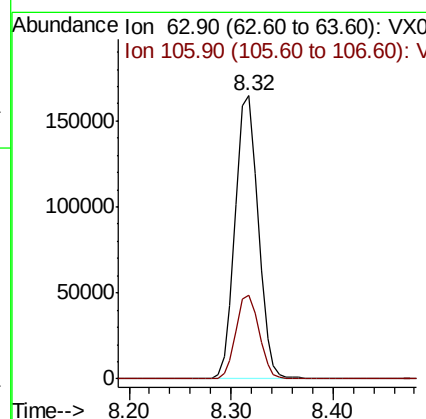
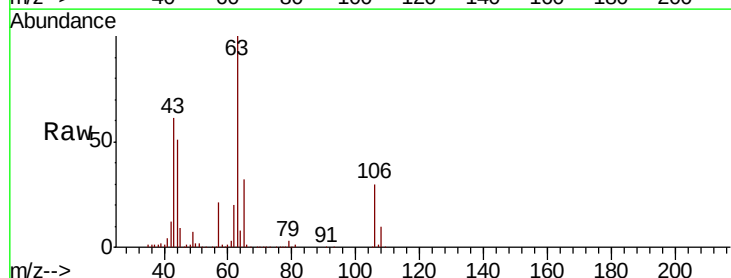
Manual Integrations
 APPROVED

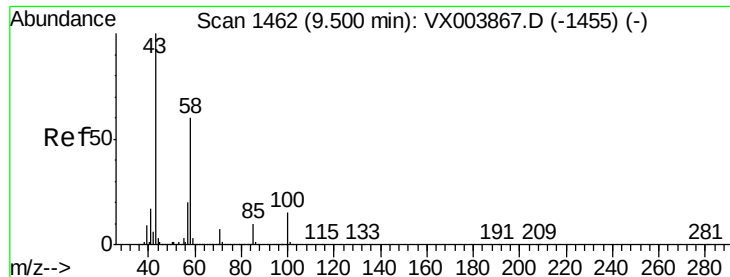
MMDadoda
 8/13/2018 11:02:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.59 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion: 63 Resp: 257550
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8





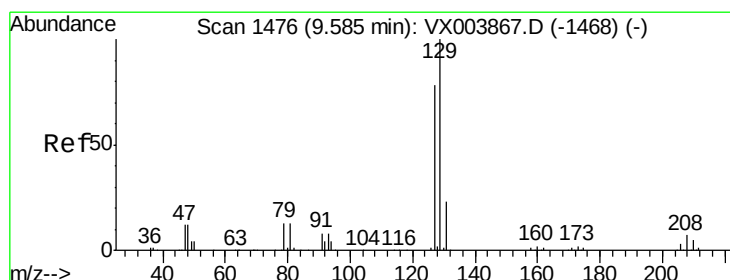
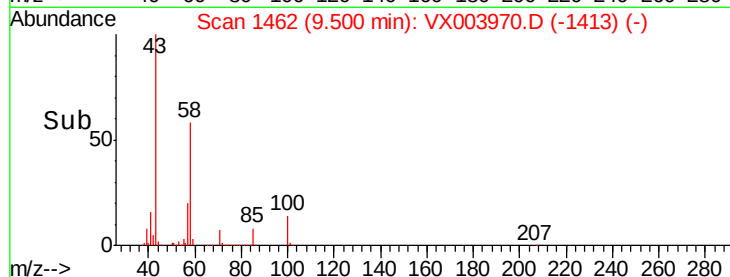
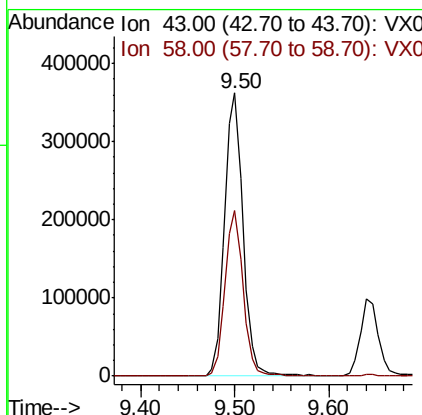
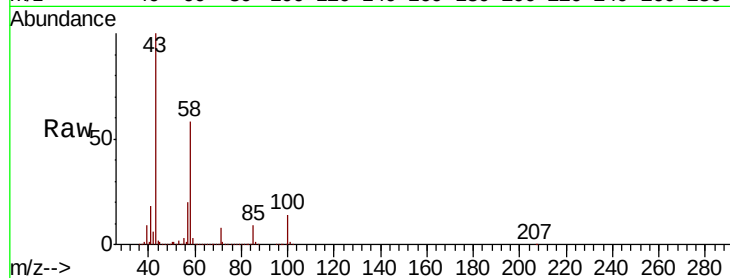
#59
2-Hexanone
Concen: 110.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.5	29.0	87.0

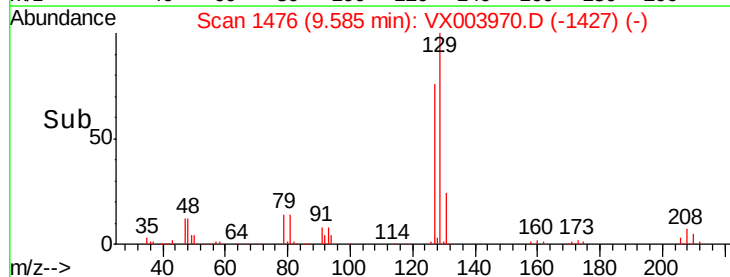
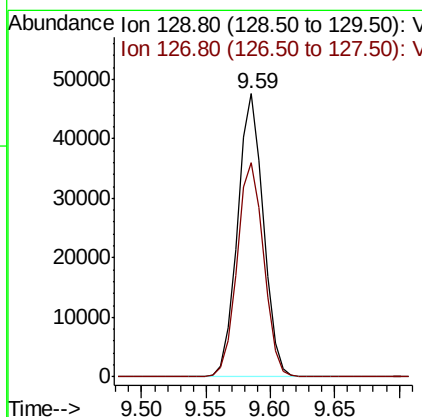
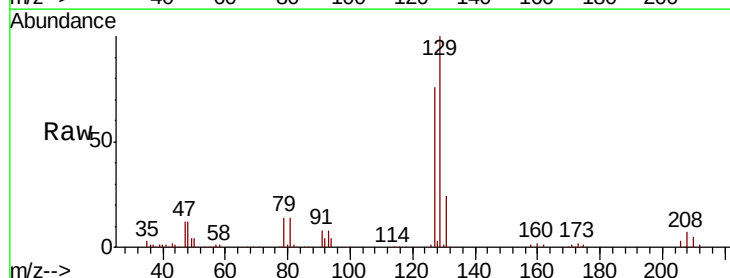
Manual Integrations
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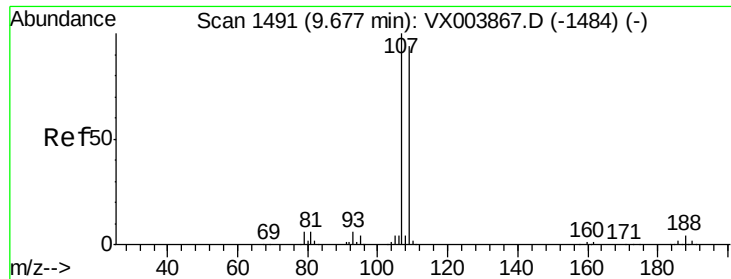
MMDadoda
8/13/2018 11:02:04 AM



#60
Dibromochloromethane
Concen: 20.91 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.8	116.3





#61

1,2-Dibromoethane

Concen: 21.62 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion:107 Resp: 73296

Ion Ratio Lower Upper

107 100

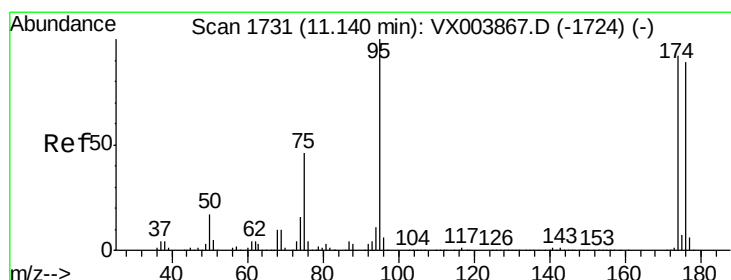
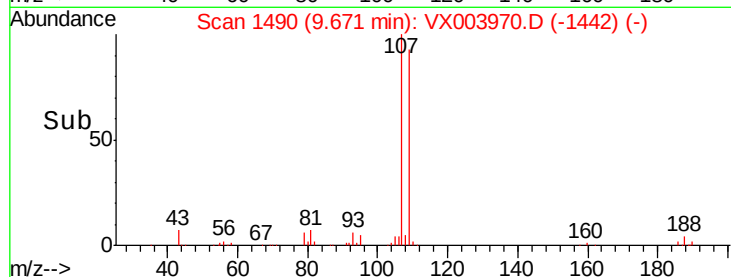
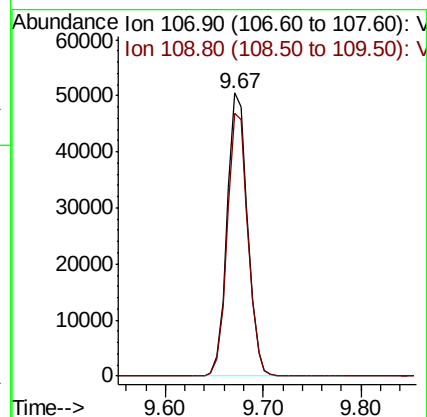
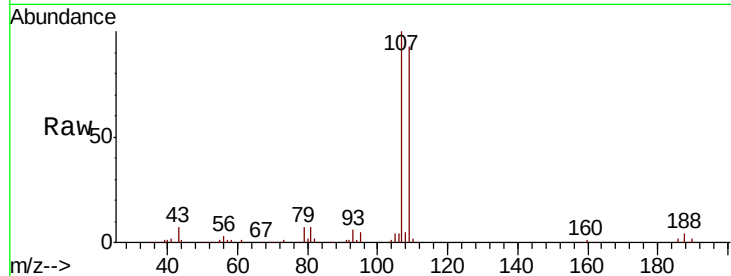
109 93.7 75.8 113.8

Manual Integrations

APPROVED

MMDadoda

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#62

4-Bromofluorobenzene

Concen: 56.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

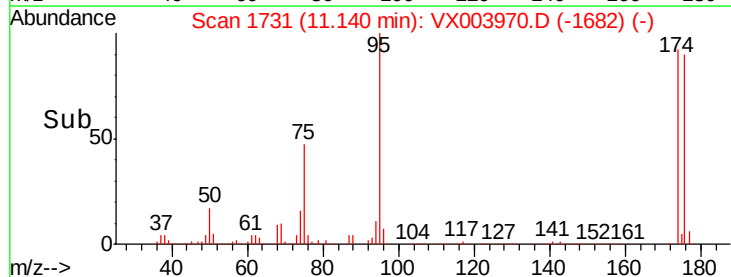
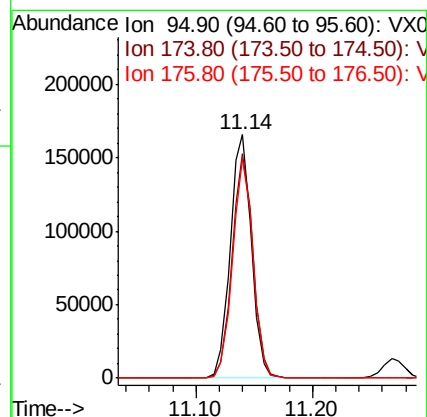
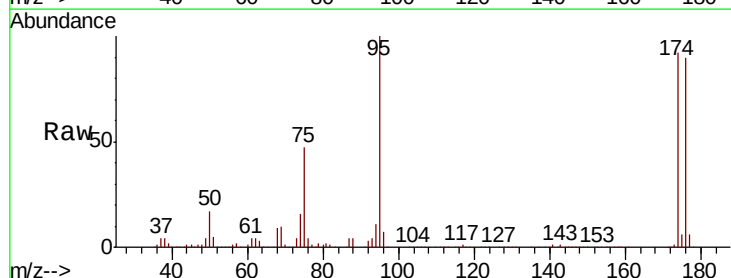
Tgt Ion: 95 Resp: 208216

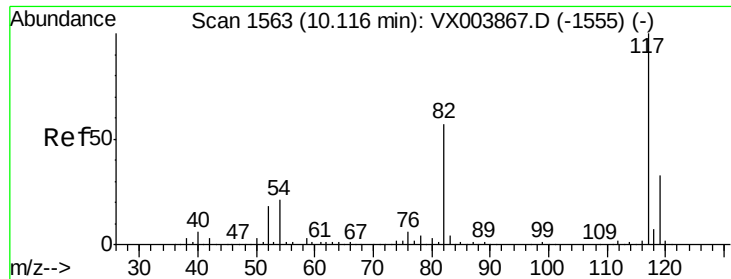
Ion Ratio Lower Upper

95 100

174 91.0 0.0 182.8

176 87.4 0.0 179.0





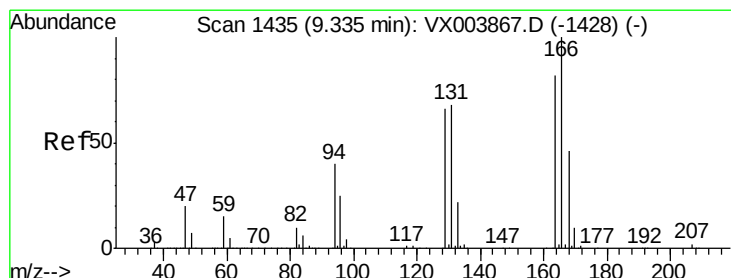
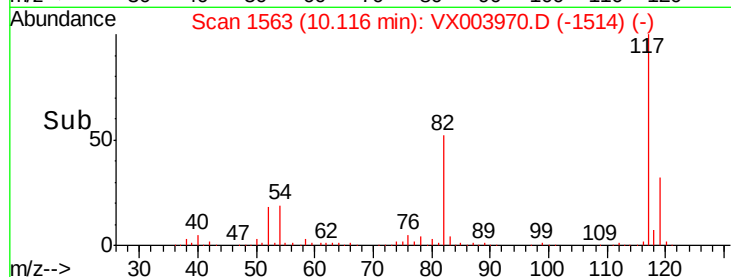
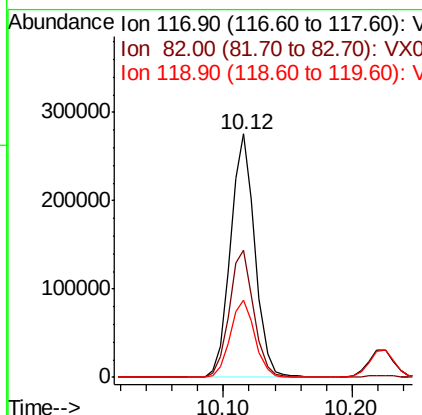
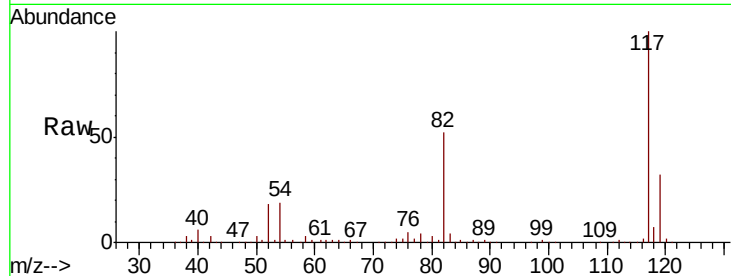
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.4	68.0
119	31.7	26.6	40.0

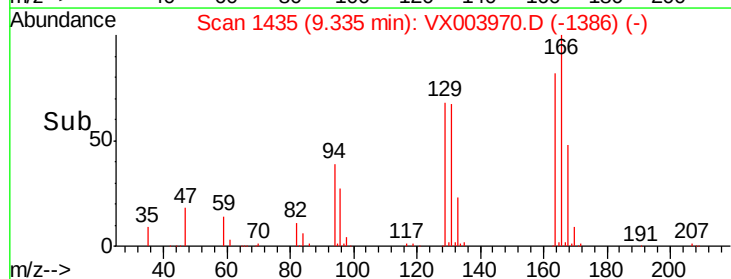
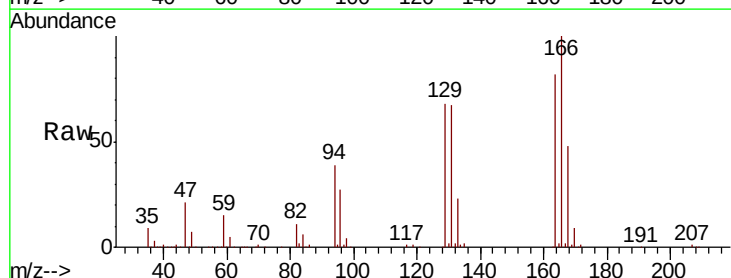
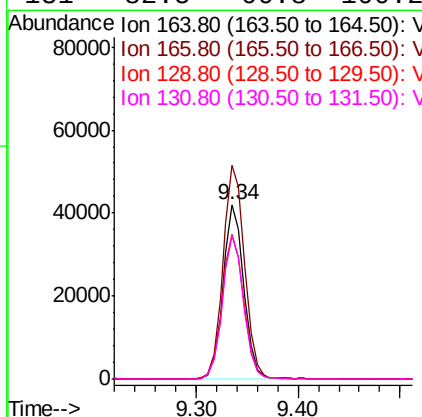
Manual Integrations
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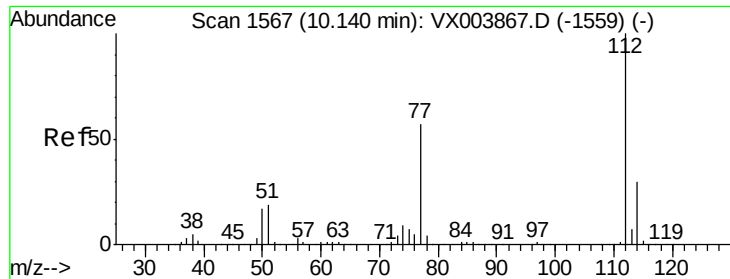
MMDadoda
8/13/2018 11:02:04 AM



#64
Tetrachloroethene
Concen: 16.56 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.4	98.0	147.0
129	82.9	64.3	96.5
131	82.5	66.8	100.2





#65

Chlorobenzene

Concen: 18.99 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion:112 Resp: 180679

Ion Ratio Lower Upper

112 100

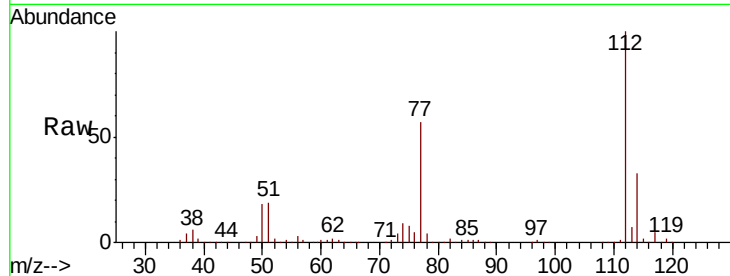
114 32.9 23.6 35.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

150000

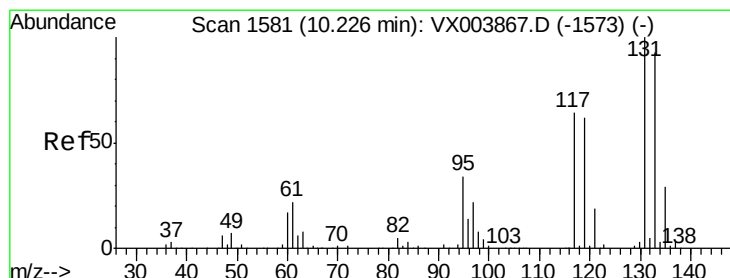
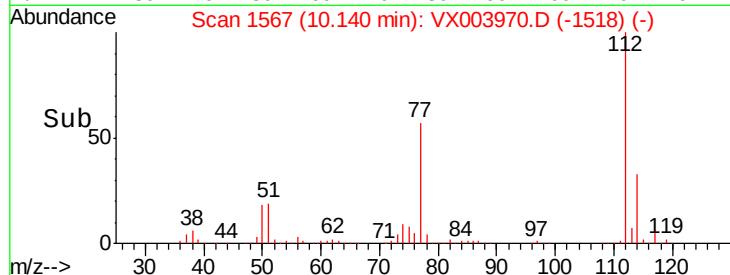
100000

50000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 19.86 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

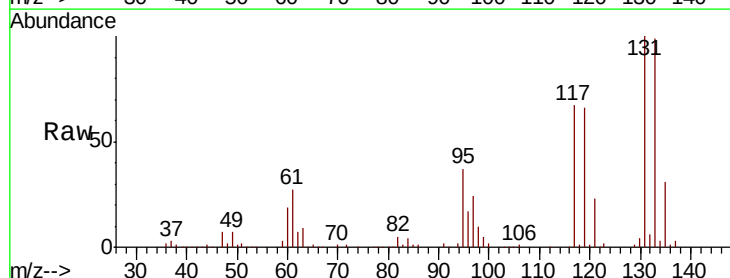
Tgt Ion:131 Resp: 64946

Ion Ratio Lower Upper

131 100

133 95.0 47.3 141.8

119 64.2 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

30000

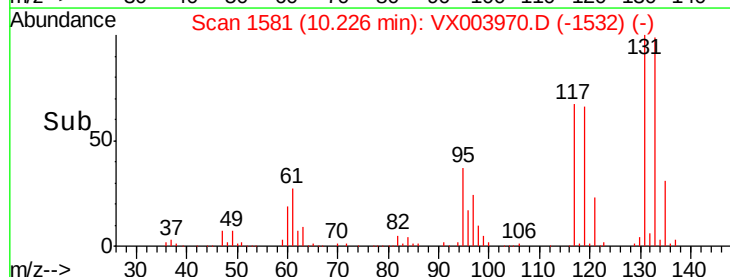
20000

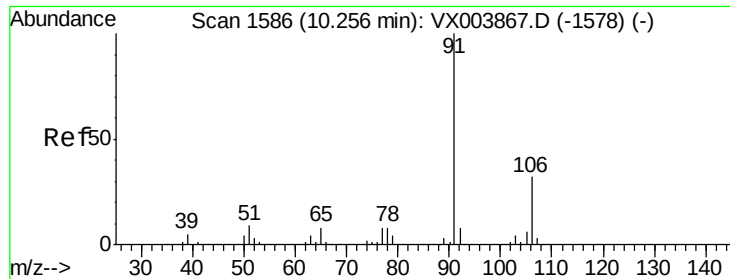
10000

0

Time-->

10.20 10.30





#67

Ethyl Benzene

Concen: 18.52 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0810WBSD01

Tot Ion: 91 Resp: 288424

Ion Ratio Lower Upper

91 100

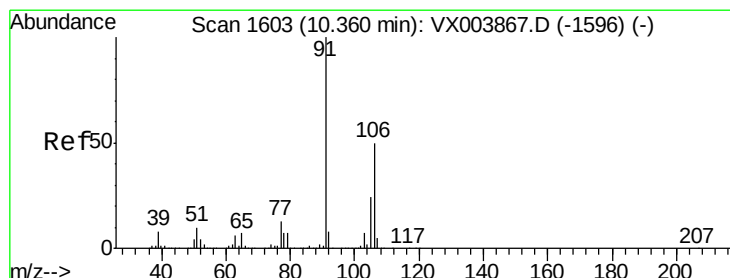
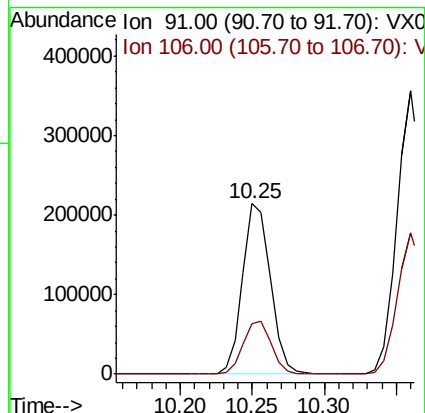
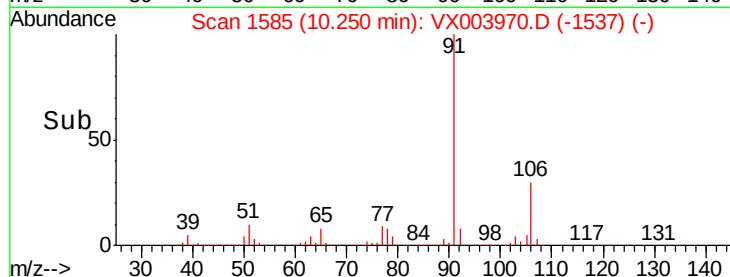
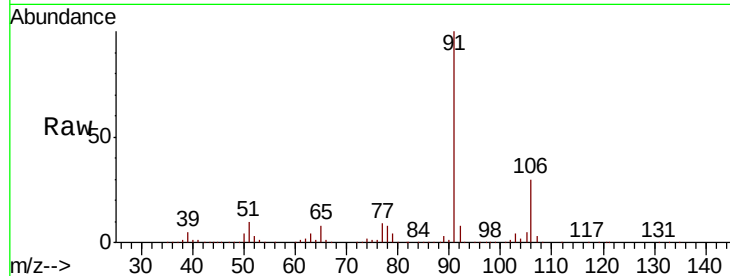
106 29.7 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.44 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003970.D

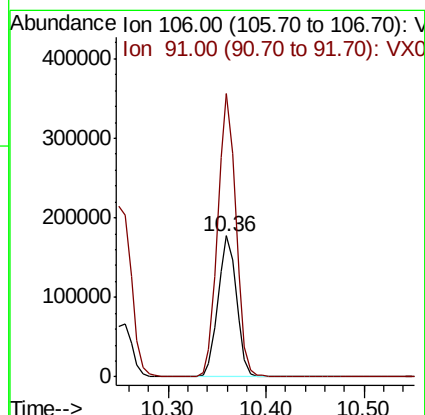
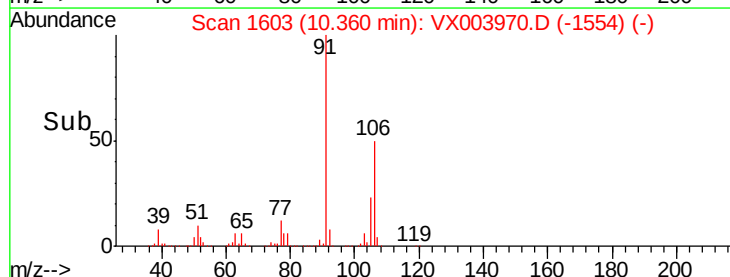
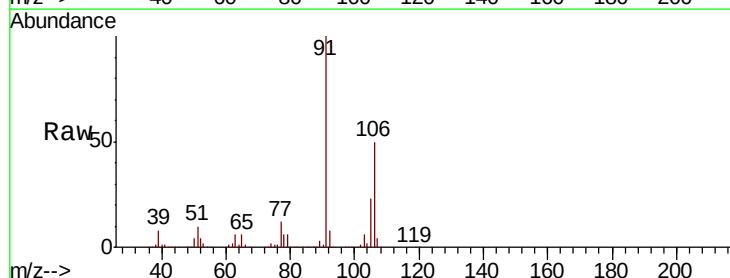
Acq: 10 Aug 2018 12:17

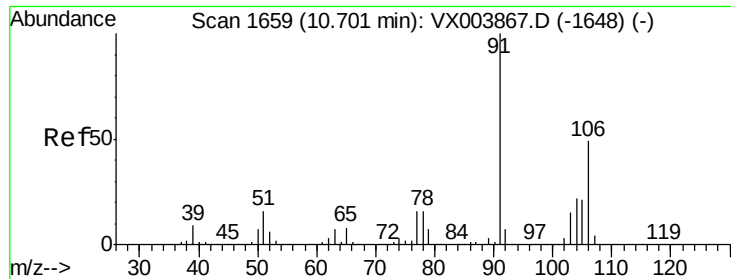
Tgt Ion: 106 Resp: 233914

Ion Ratio Lower Upper

106 100

91 197.8 162.3 243.5





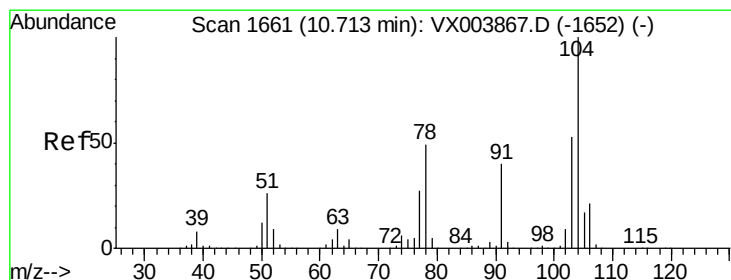
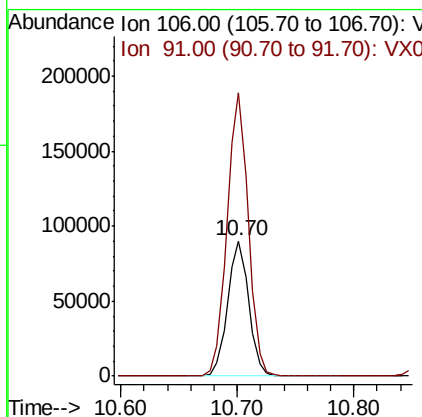
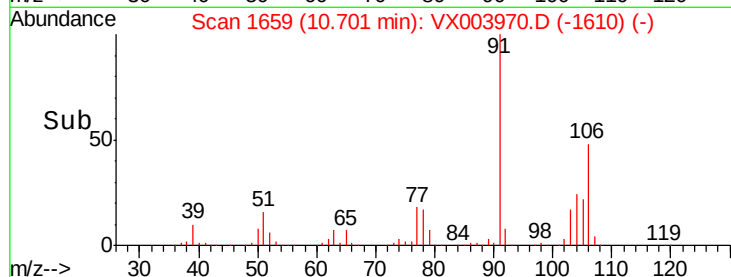
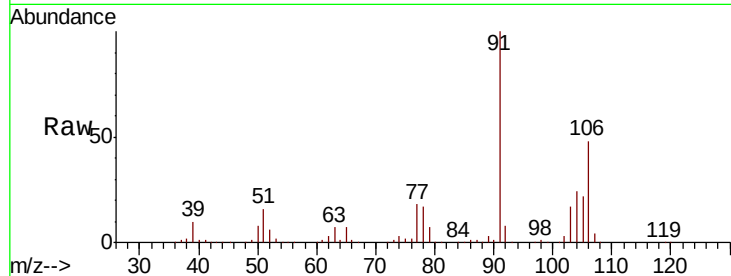
#69
o-Xylene
Concen: 19.74 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion:106 Resp: 113410
Ion Ratio Lower Upper
106 100
91 210.3 101.9 305.7

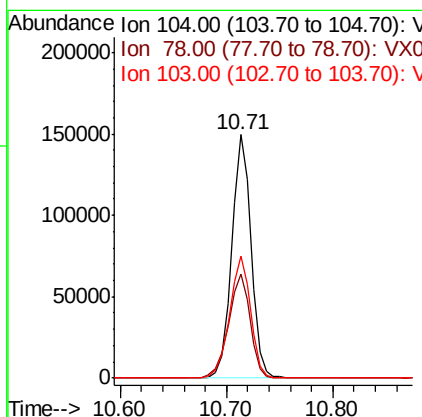
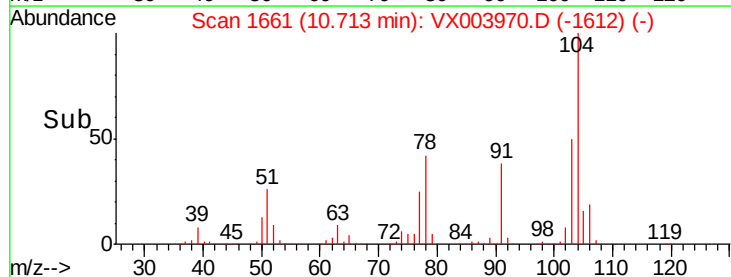
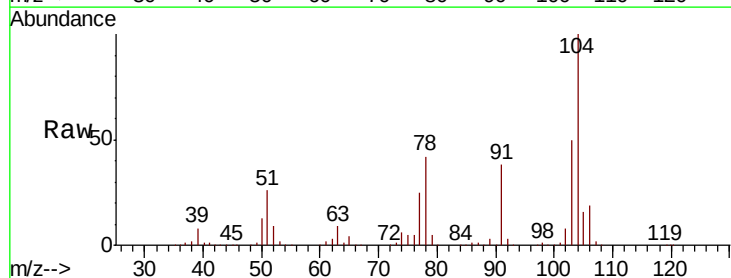
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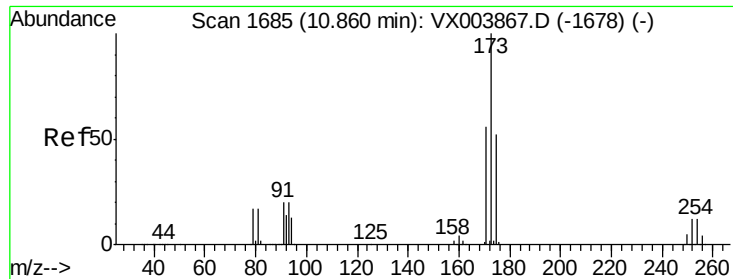
MMDadoda
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#70
Styrene
Concen: 20.32 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion:104 Resp: 191094
Ion Ratio Lower Upper
104 100
78 47.8 39.8 59.6
103 54.5 44.3 66.5





#71

Bromoform

Concen: 19.93 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion:173 Resp: 50125

Ion Ratio Lower Upper

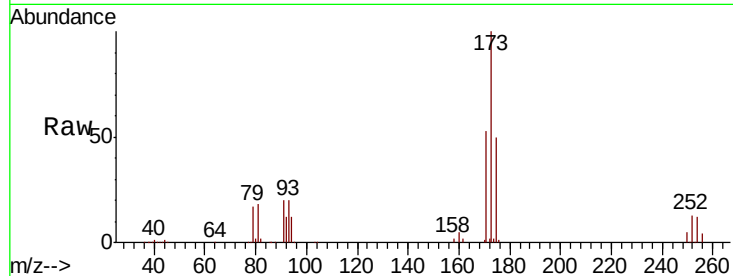
173 100

175 49.4 24.9 74.7

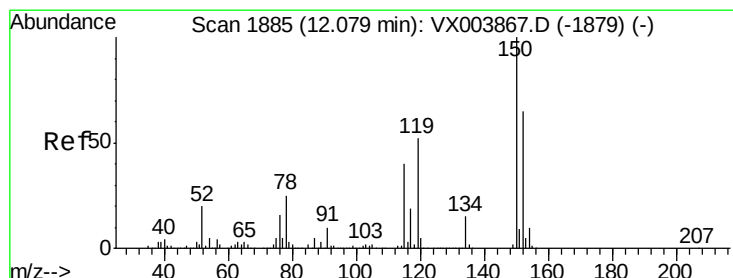
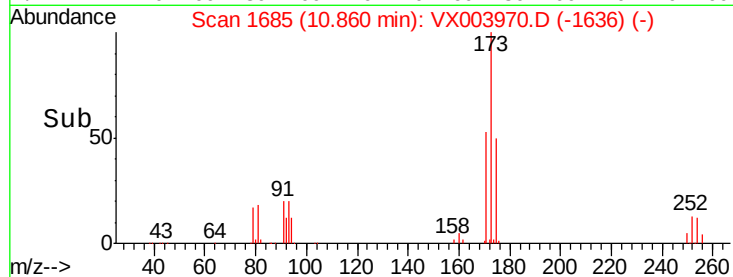
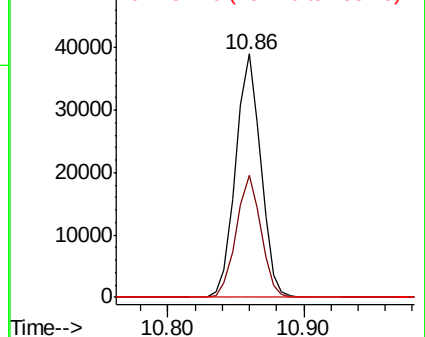
254 0.0 0.2 0.2#

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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: VX003970.D

Acq: 10 Aug 2018 12:17

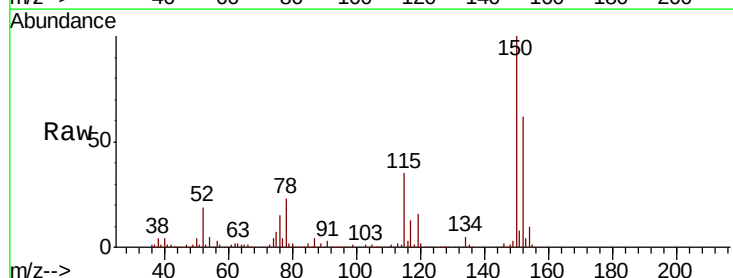
Tgt Ion:152 Resp: 216720

Ion Ratio Lower Upper

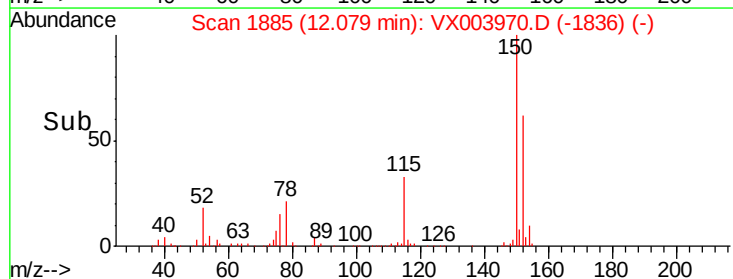
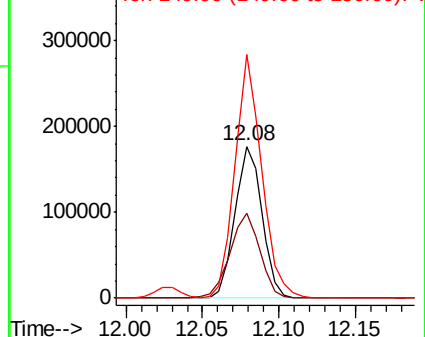
152 100

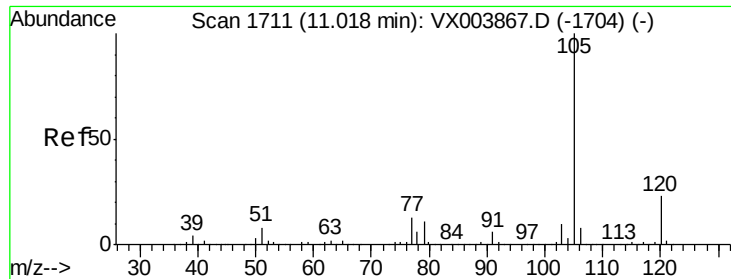
115 61.1 39.1 117.3

150 158.9 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: 17.46 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion:105 Resp: 279839

Ion Ratio Lower Upper

105 100

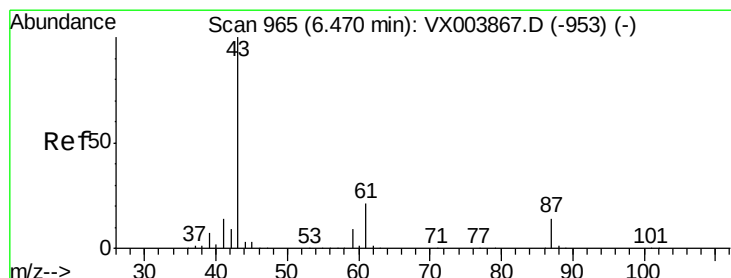
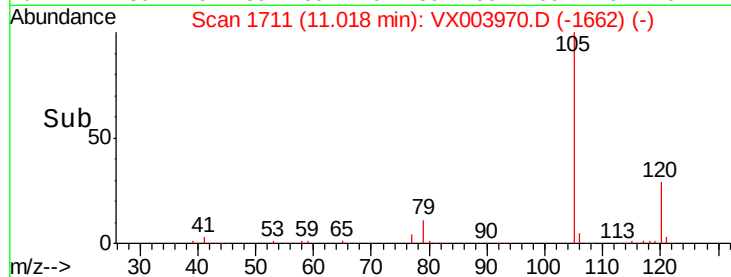
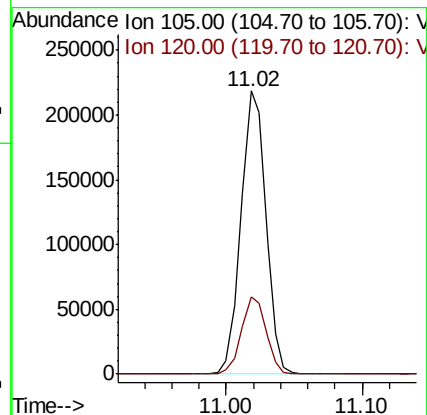
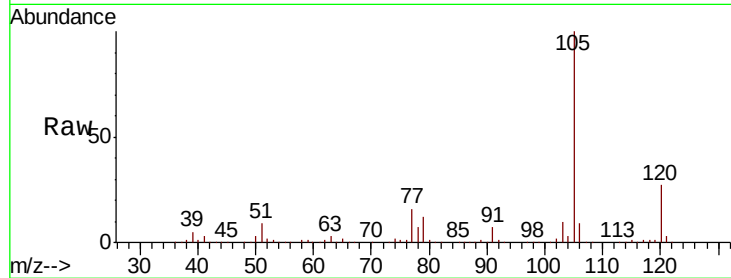
120 27.2 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.66 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Tgt Ion: 43 Resp: 147207

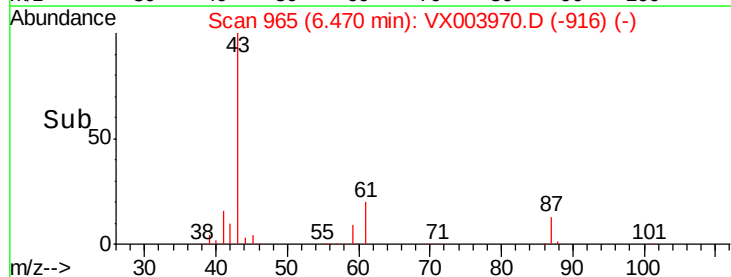
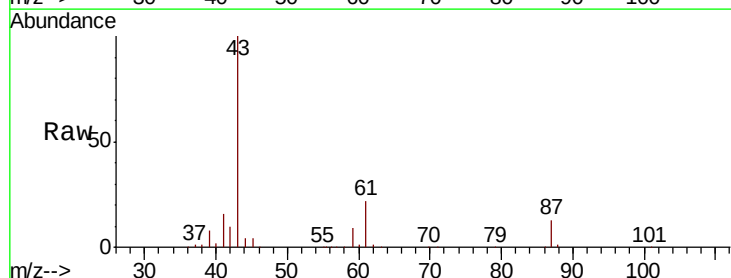
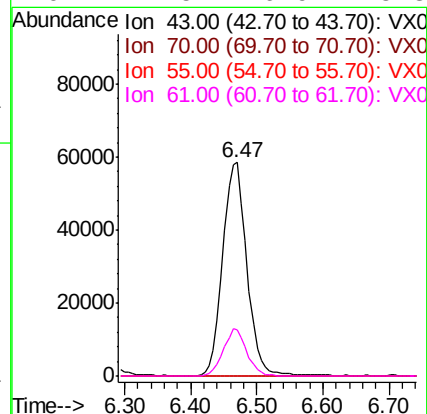
Ion Ratio Lower Upper

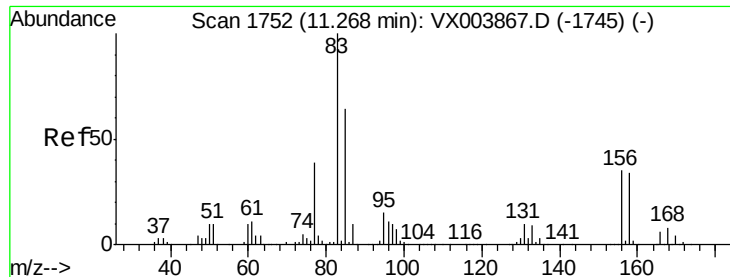
43 100

70 0.1 0.0 0.0#

55 0.0 0.1 0.1#

61 21.5 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.30 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

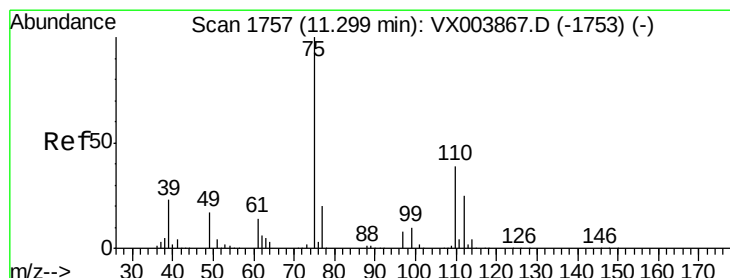
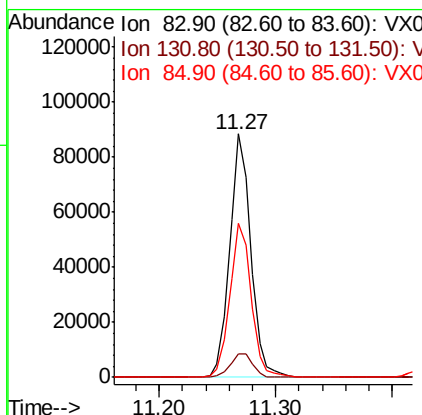
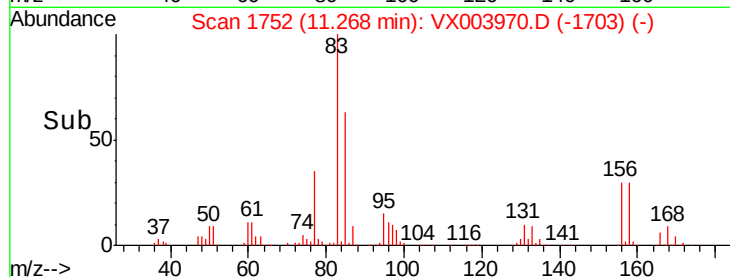
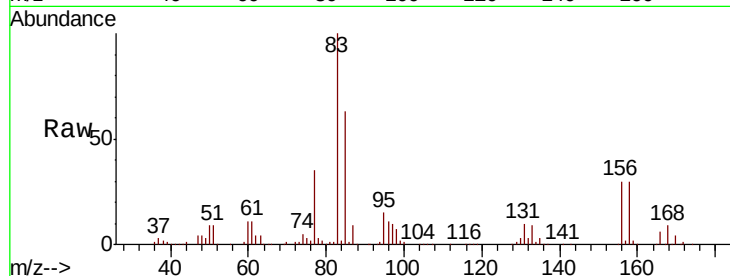
ClientSampleId :

VX0810WBSD01

Tot Ion:	83	Resp:	111563
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.3	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.56 ug/l m

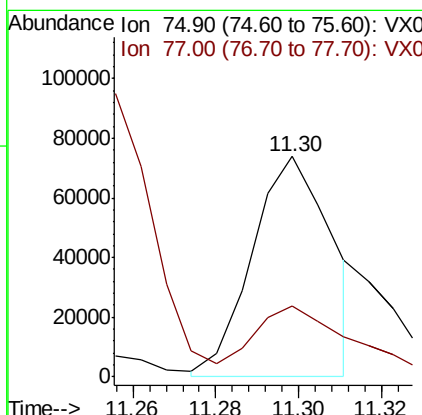
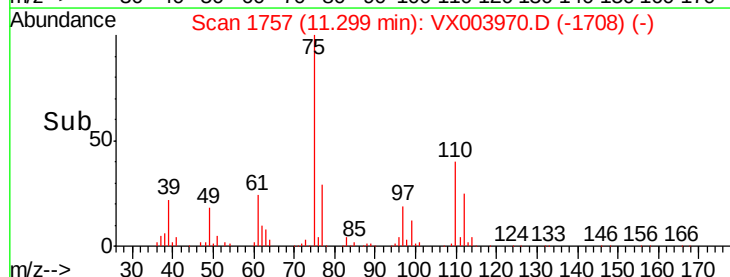
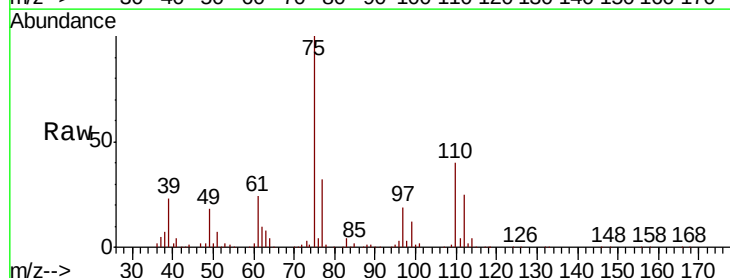
RT: 11.30 min Scan# 1757

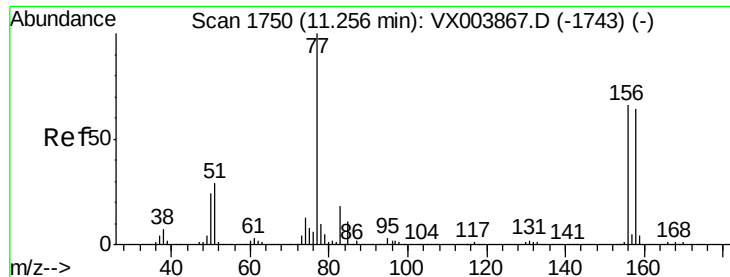
Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Tgt Ion:	75	Resp:	98397
Ion Ratio	Lower	Upper	
75	100		
77	39.8	20.8	62.5





#77

Bromobenzene

Concen: 19.14 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion:156 Resp: 81865

Ion Ratio Lower Upper

156 100

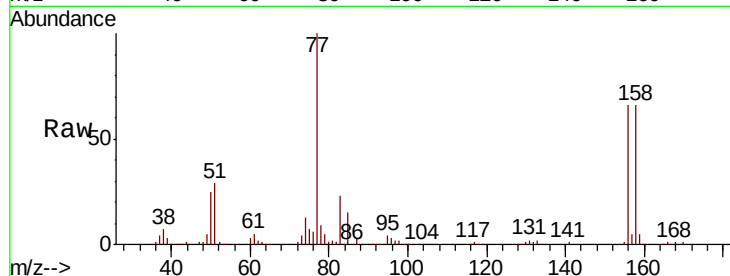
77 151.0 74.1 222.2

158 99.2 48.6 145.9

Manual Integrations
APPROVED

MMDadoda

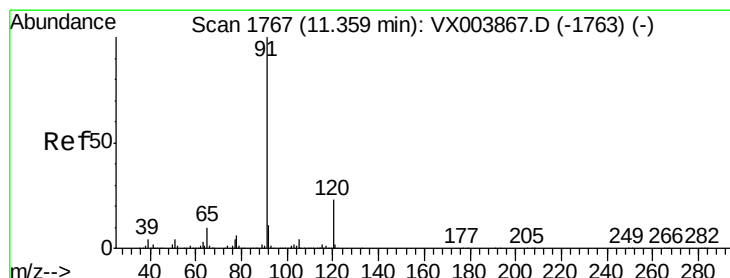
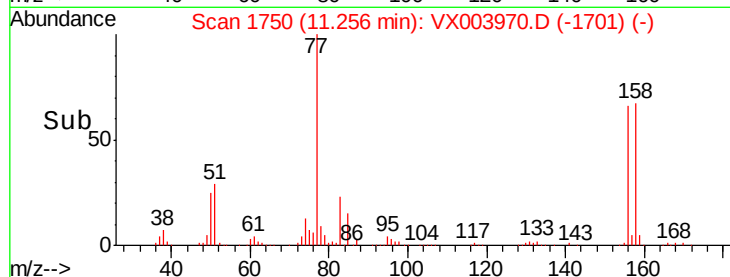
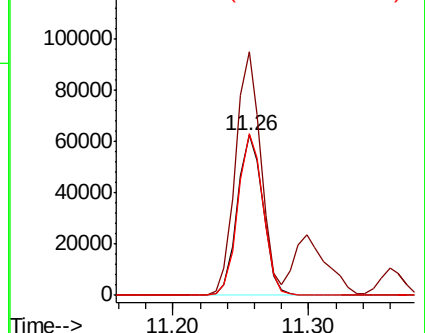
8/13/2018 11:02:04 AM



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: 17.67 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003970.D

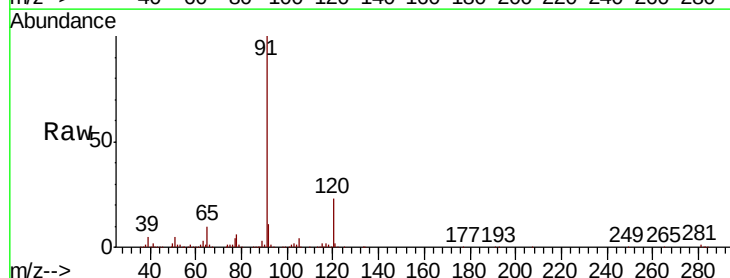
Acq: 10 Aug 2018 12:17

Tgt Ion: 91 Resp: 318033

Ion Ratio Lower Upper

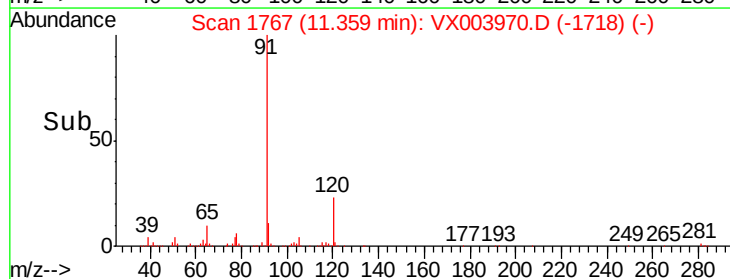
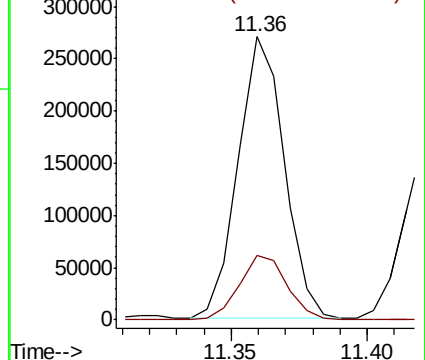
91 100

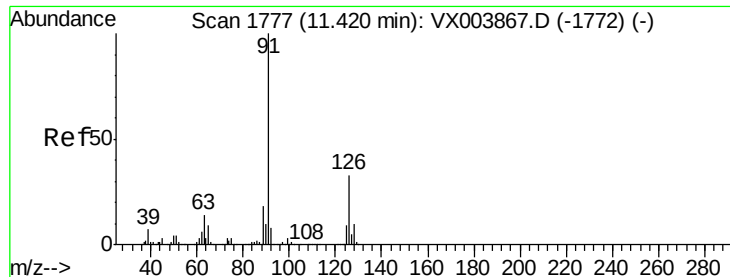
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





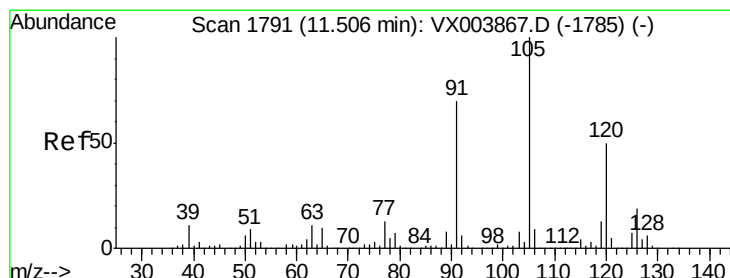
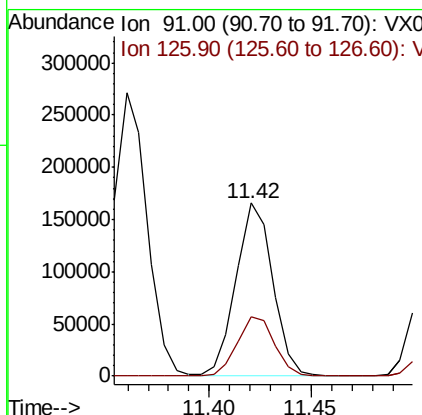
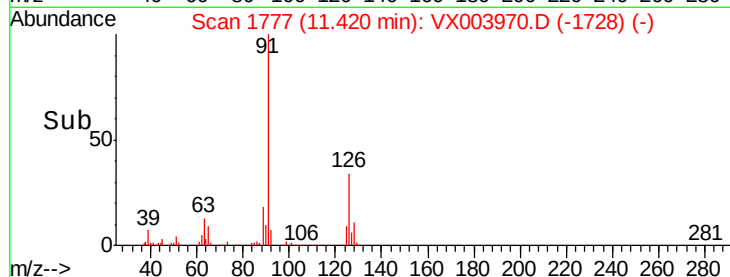
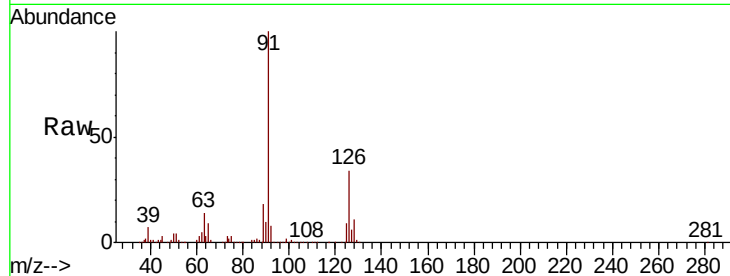
#79
 2-Chlorotoluene
 Concen: 18.77 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	35.2	17.4	52.3	

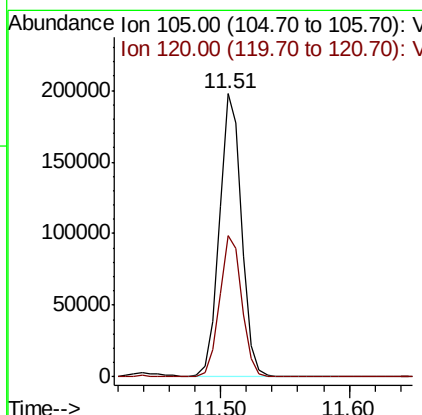
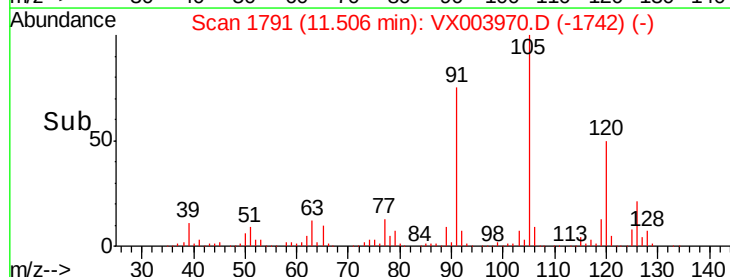
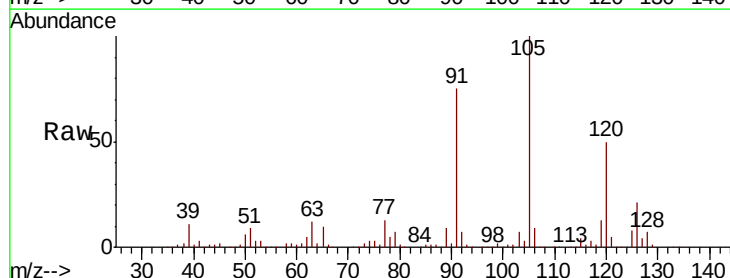
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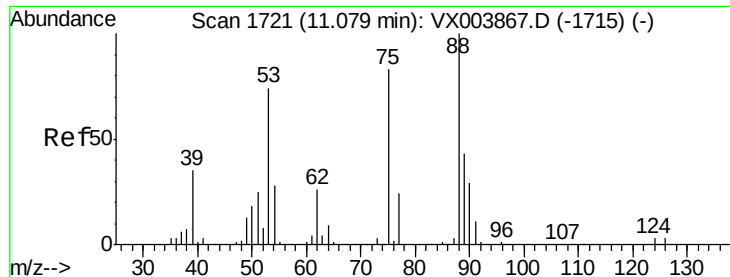
MMDadoda
 8/13/2018 11:02:04 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.30 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	50.4	25.4	76.2	





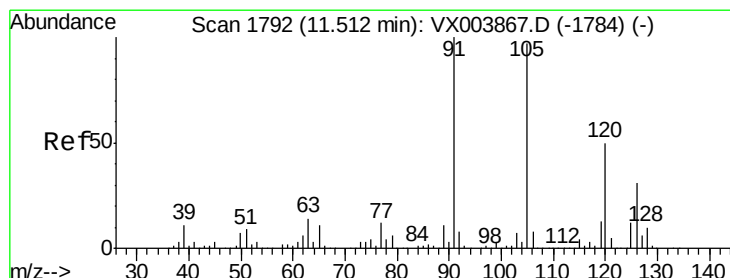
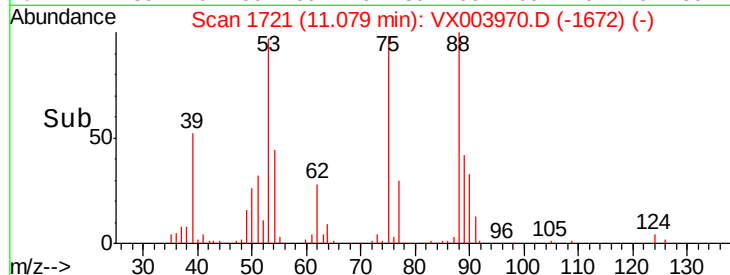
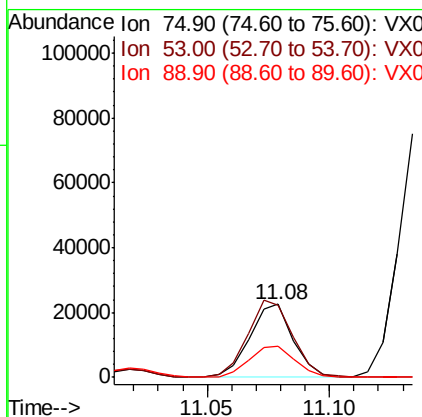
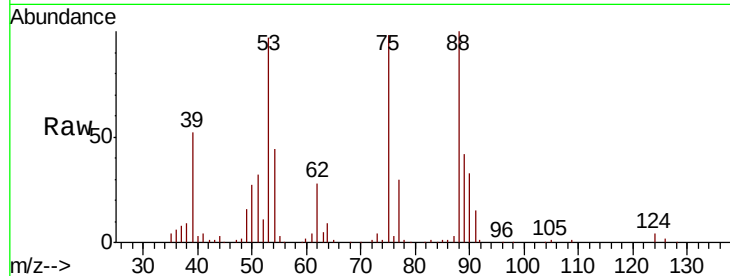
#81
trans-1,4-Dichloro-2-butene
Concen: 17.17 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.5	80.3	120.5
89	45.9	37.8	56.8

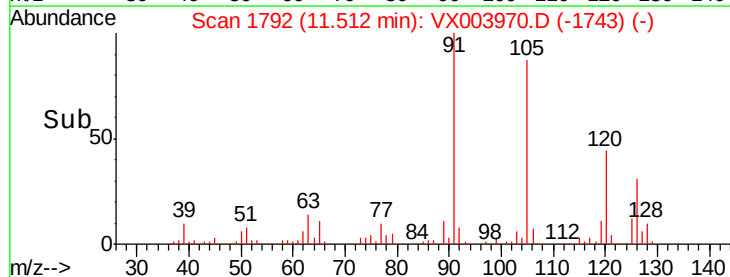
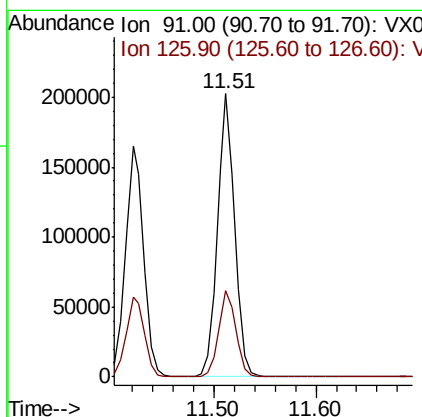
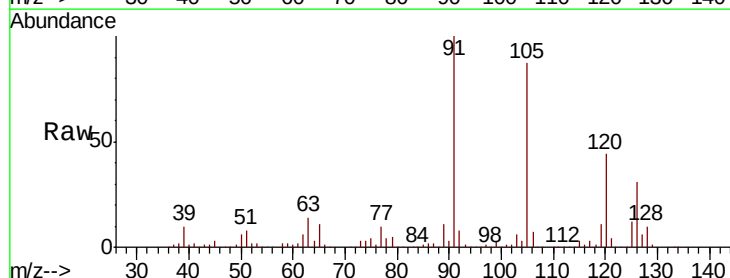
Manual Integrations
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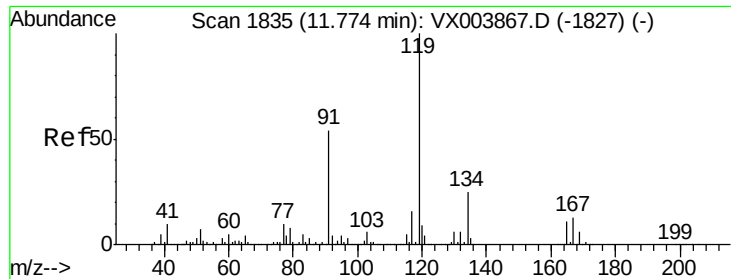
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.70 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.7





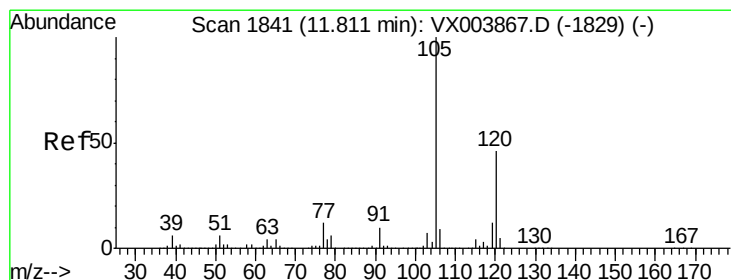
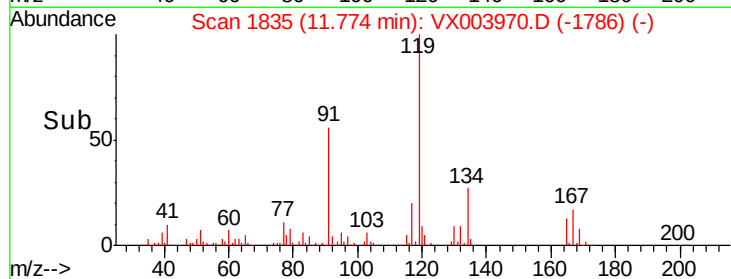
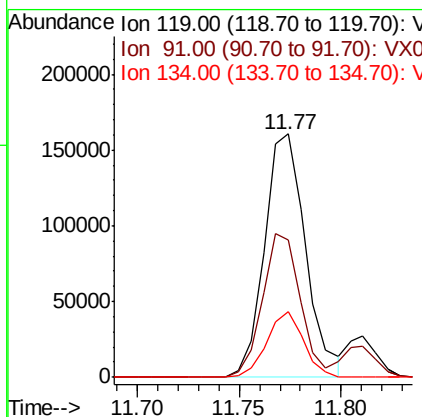
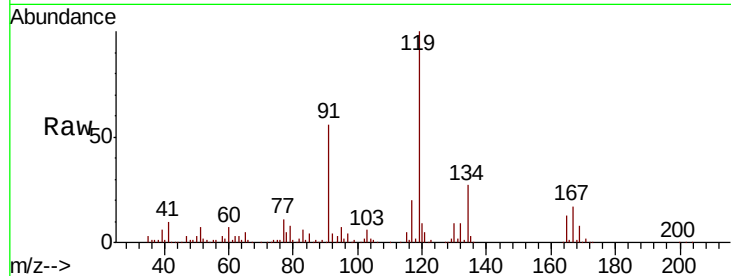
#83
tert-Butylbenzene
Concen: 17.57 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225926		
91	54.1	26.9	80.7	
134	24.3	12.0	36.0	

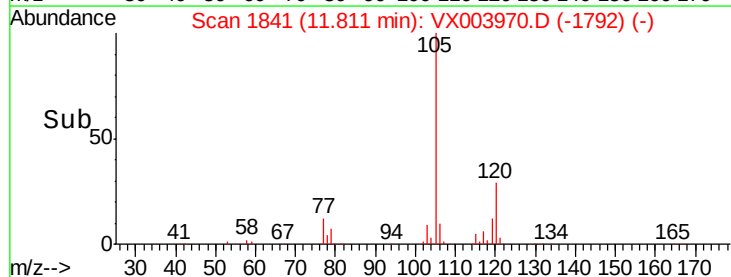
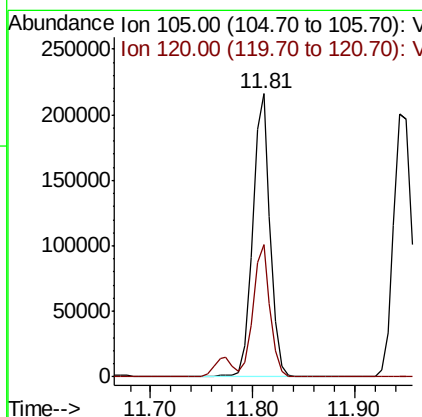
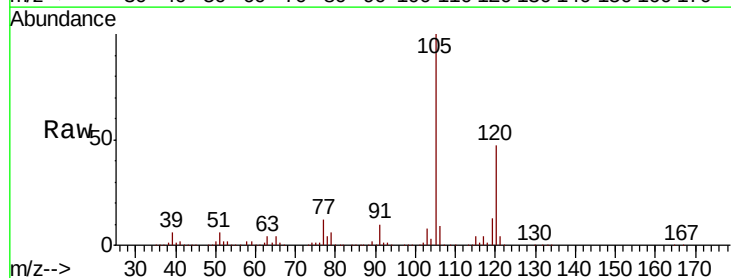
Manual Integrations
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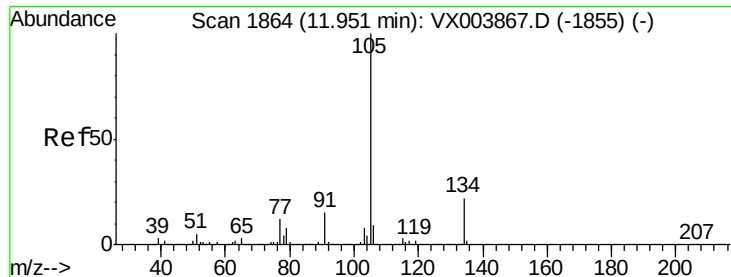
MMDadoda
8/13/2018 11:02:04 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.65 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	258273		
120	45.5	23.1	69.2	





#85

sec-Butylbenzene

Concen: 16.64 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0810WBSD01

Tot Ion:105 Resp: 252626

Ion Ratio Lower Upper

105 100

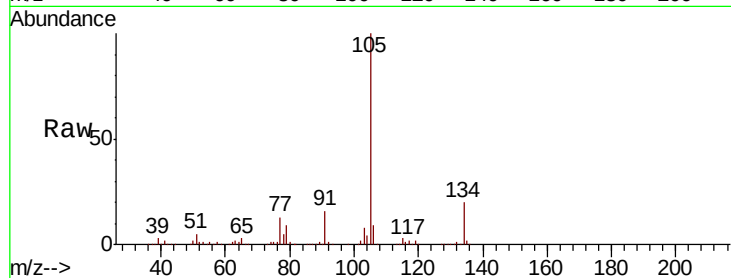
134 20.8 10.3 30.9

Manual Integrations

APPROVED

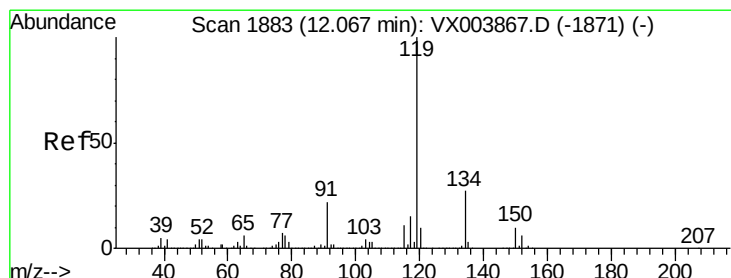
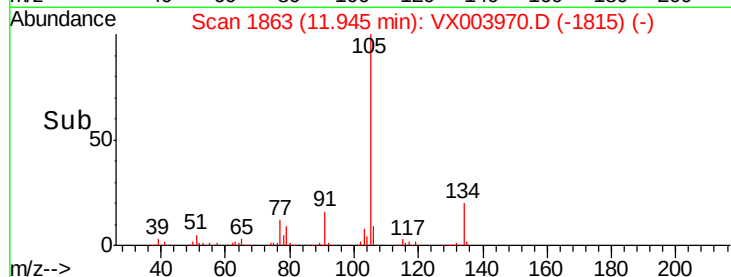
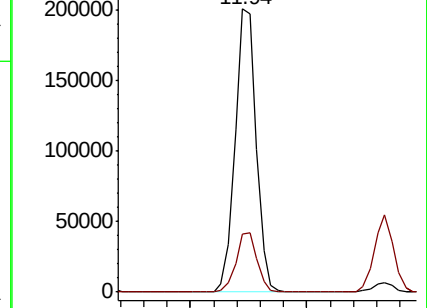
MMDadoda

8/13/2018 11:02:04 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.59 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

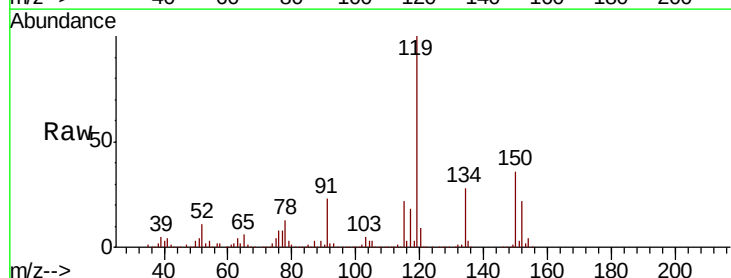
Tgt Ion:119 Resp: 225900

Ion Ratio Lower Upper

119 100

134 27.8 13.3 39.8

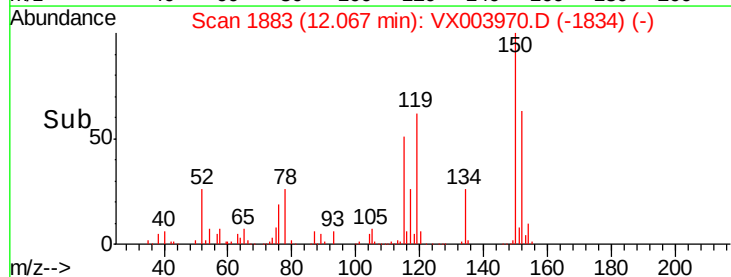
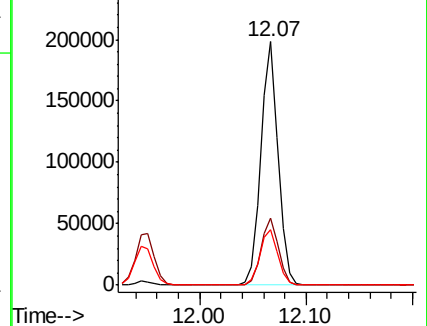
91 23.2 10.9 32.7

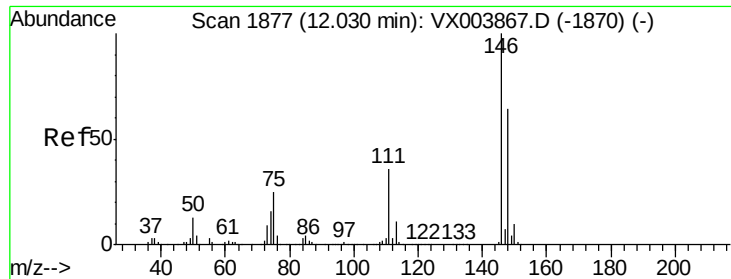


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0810WBSD01

Tot Ion:146 Resp: 148658

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

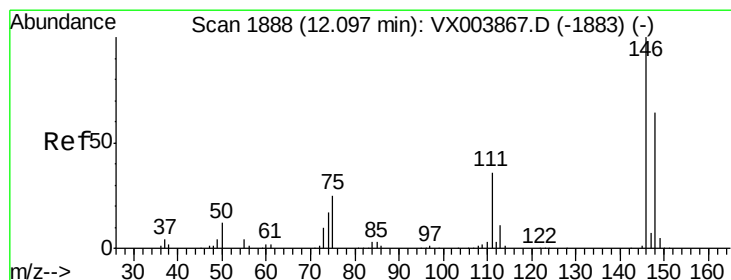
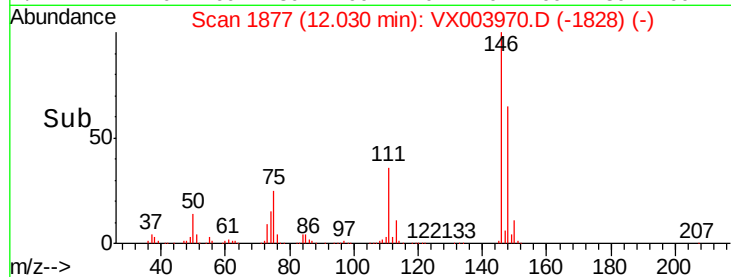
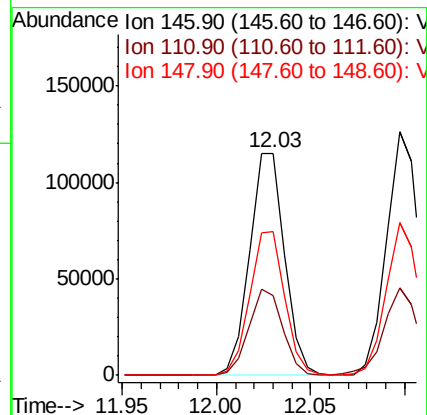
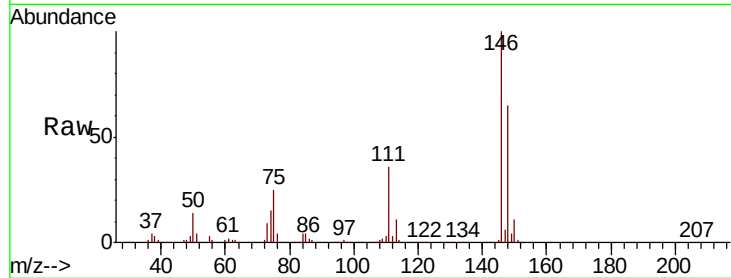
148 64.6 31.9 95.5

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 20.14 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003970.D

Acq: 10 Aug 2018 12:17

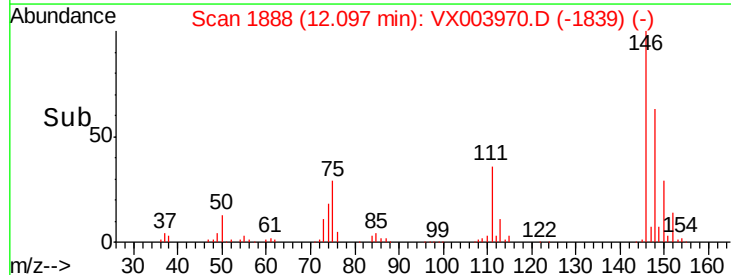
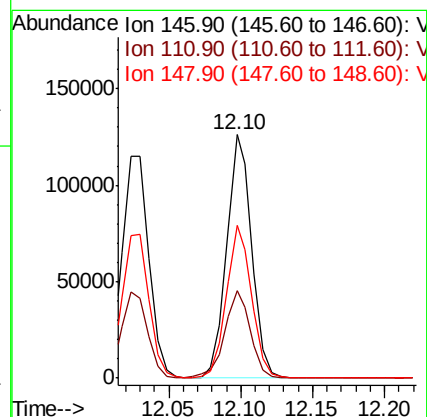
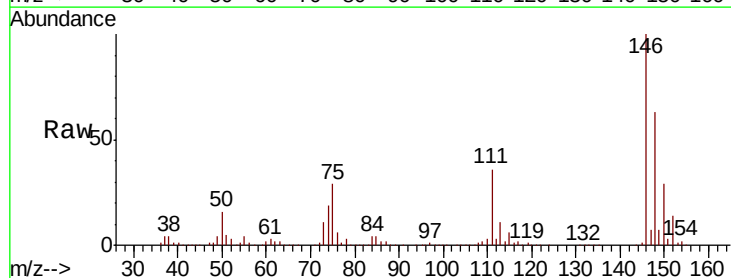
Tgt Ion:146 Resp: 153855

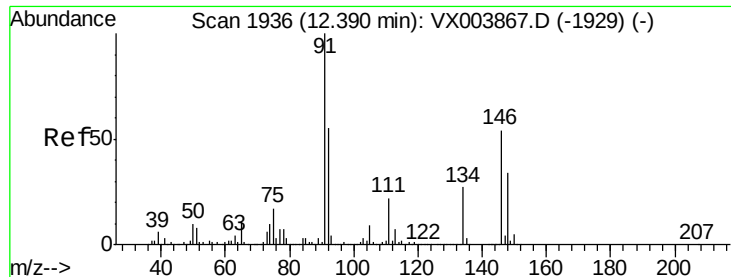
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.0

148 63.2 32.3 96.8





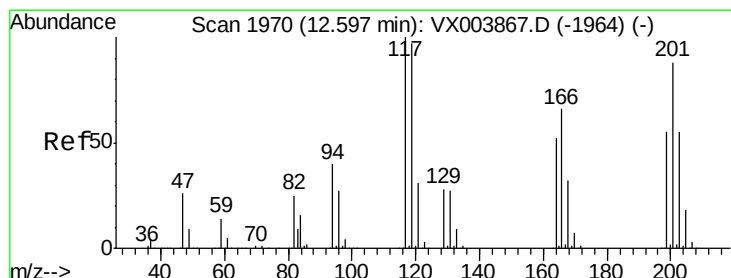
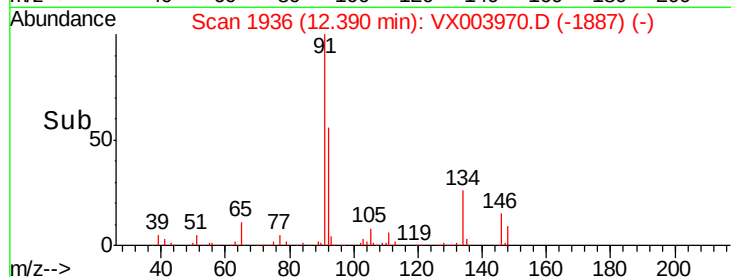
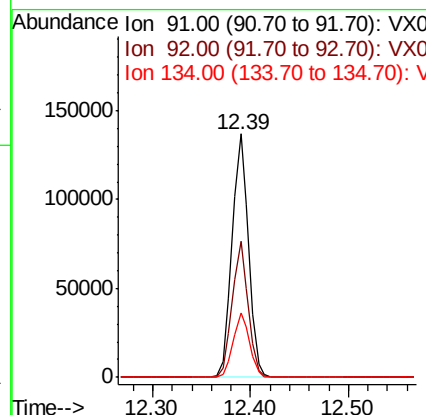
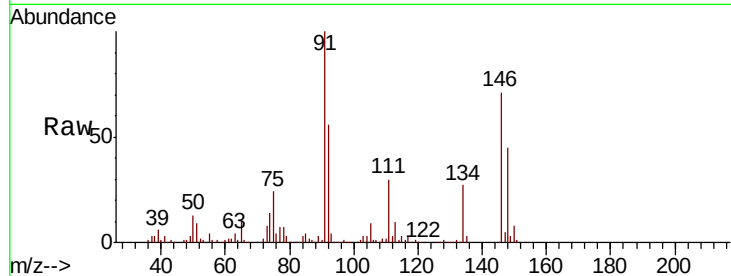
#89
n-Butylbenzene
Concen: 13.47 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	159814		
92	54.2	27.1	81.3	
134	26.5	13.6	40.7	

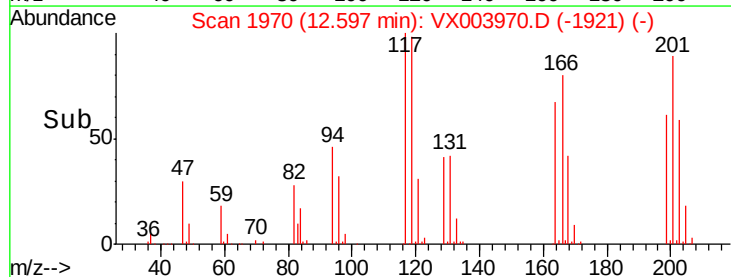
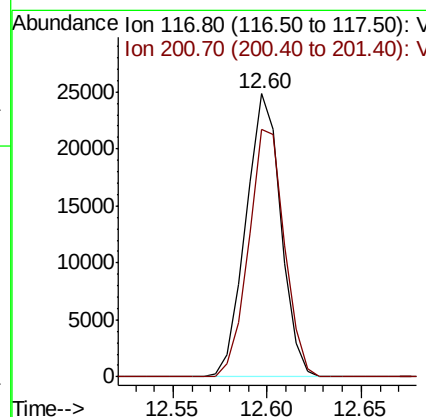
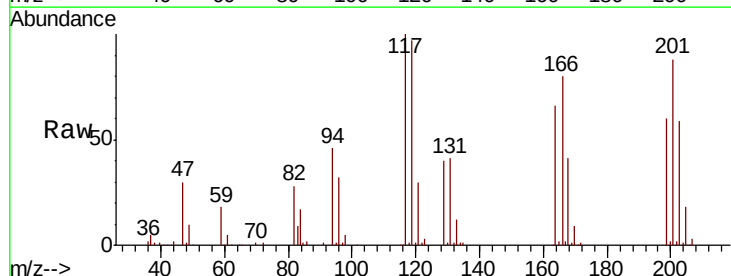
Manual Integrations
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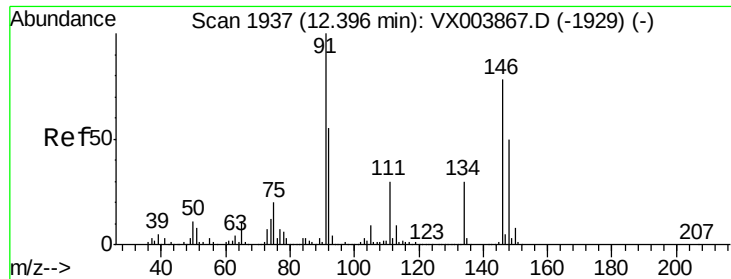
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#90
Hexachloroethane
Concen: 14.48 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32020		
201	89.3	46.1	138.2	





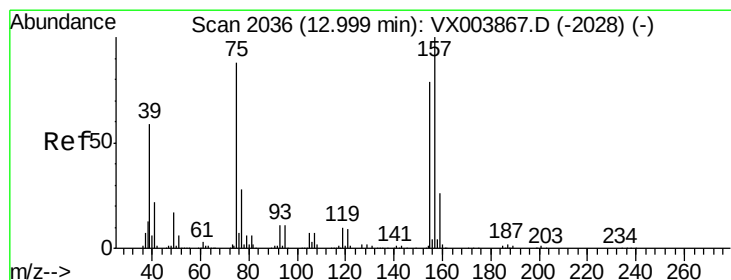
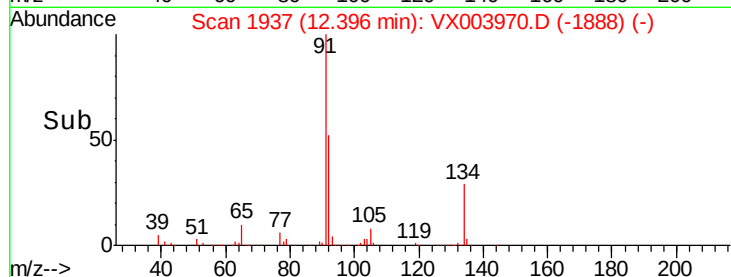
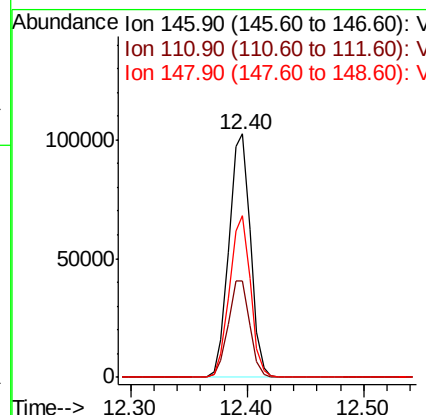
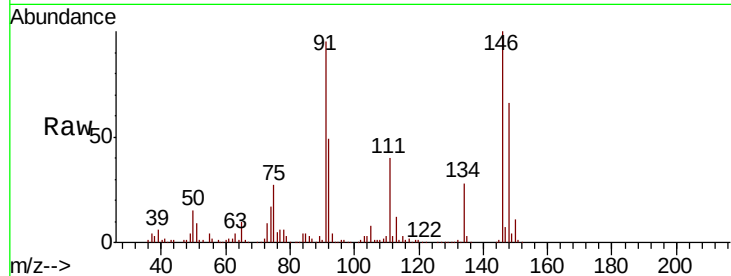
#91
 1,2-Dichlorobenzene
 Concen: 16.71 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.0
148	64.8	31.9	95.5

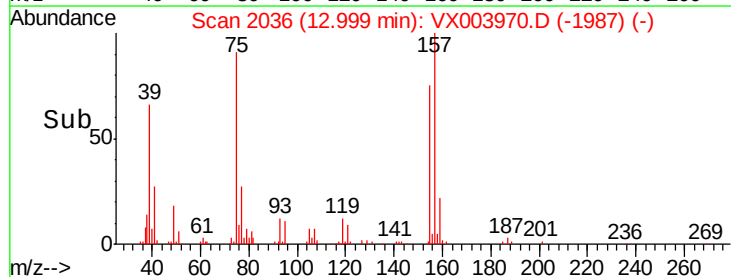
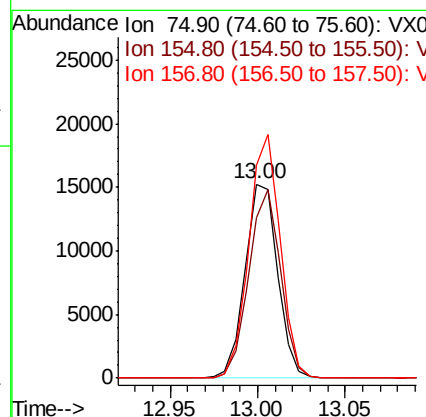
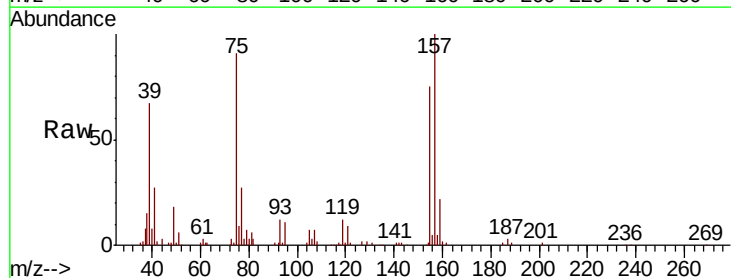
Manual Integrations
 APPROVED

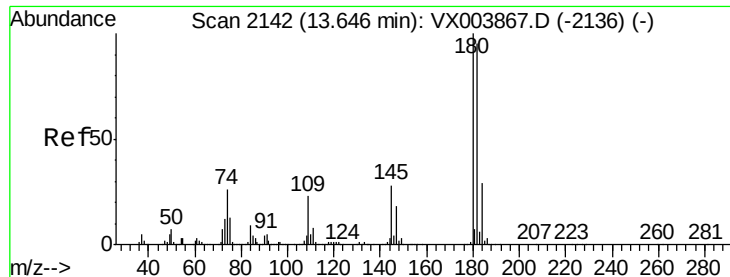
MMDadoda
 8/13/2018 11:02:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.68 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	48.7	146.1
157	120.1	62.6	187.8





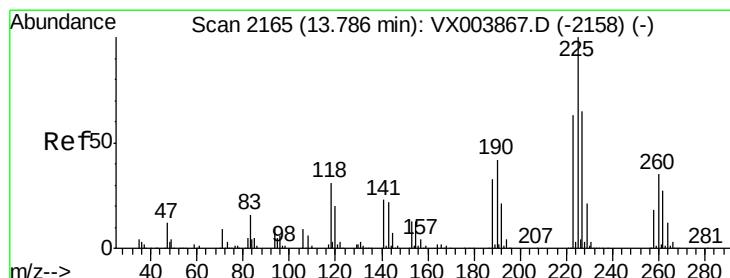
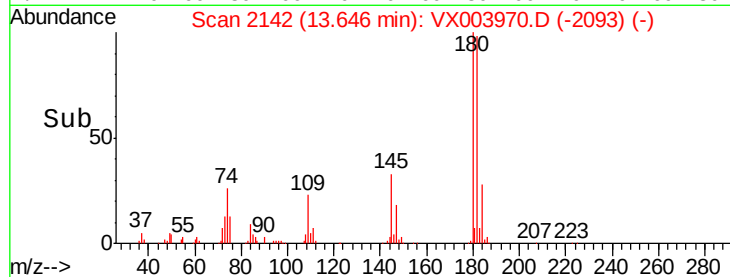
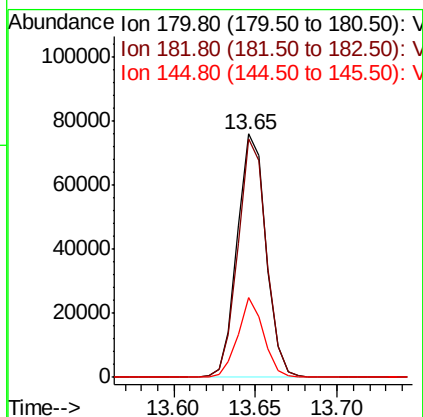
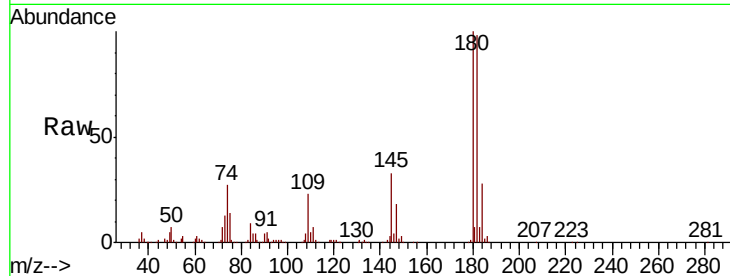
#93
 1,2,4-Trichlorobenzene
 Concen: 16.57 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	93408		
182	96.7	47.7	143.1	
145	29.1	13.9	41.6	

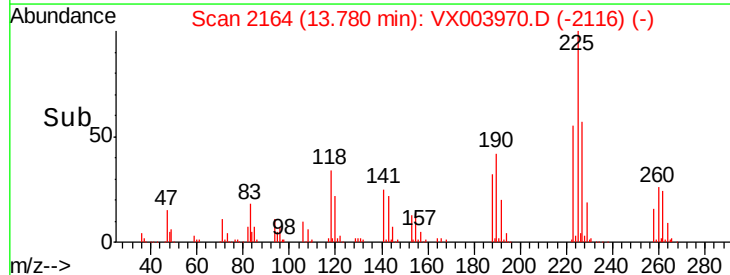
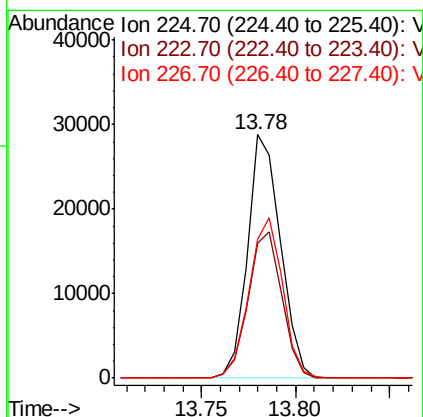
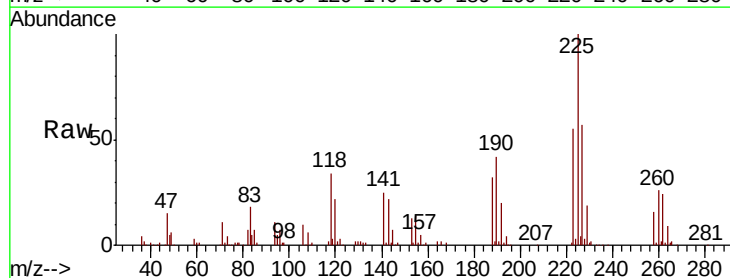
Manual Integrations
 APPROVED

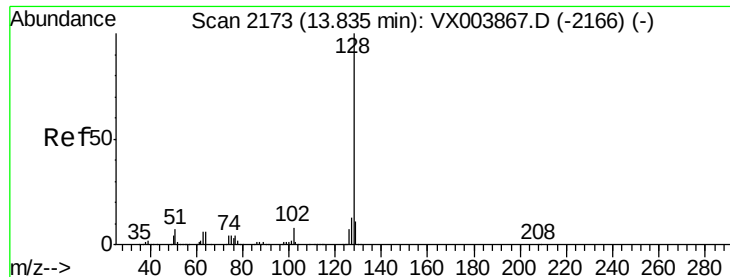
MMDadoda
 8/13/2018 11:02:04 AM



#94
 Hexachlorobutadiene
 Concen: 14.35 ug/l
 RT: 13.78 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VX003970.D
 Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34921		
223	61.5	31.4	94.0	
227	67.0	32.1	96.5	





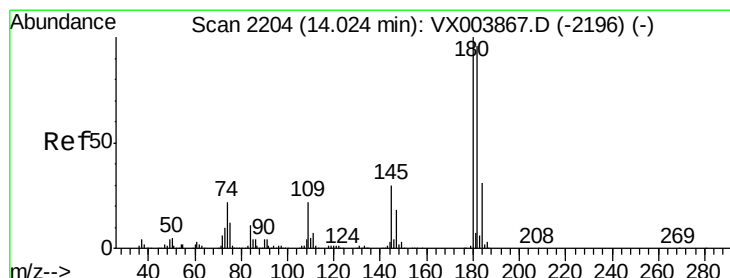
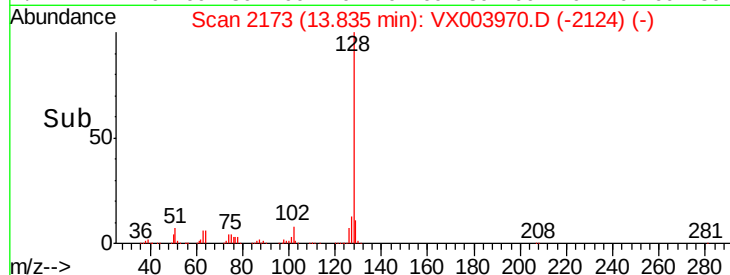
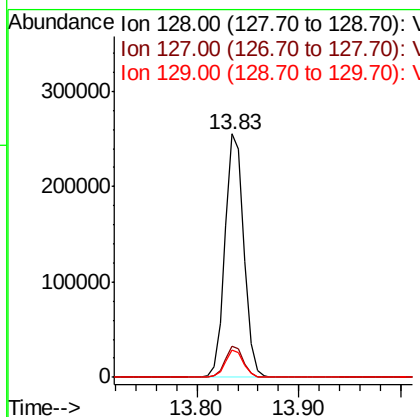
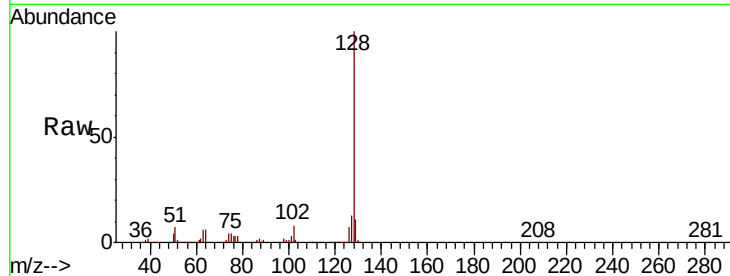
#95
Naphthalene
Concen: 20.20 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0810WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	326105		
127	12.5		10.2	15.2
129	10.8		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/13/2018 11:02:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.98 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003970.D
Acq: 10 Aug 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106759		
182	94.6		48.1	144.4
145	30.0		14.9	44.7

