

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003947.D
 Acq On : 09 Aug 2018 13:43
 Operator : JC/MD
 Sample : VX0809WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:56:23 AM

Quant Time: Aug 10 01:48:28 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	345263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	505265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	473844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218987	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	180973	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.72	98	698893	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	252917	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67079	19.17	ug/l	99
3) Chloromethane	1.32	50	82063	17.24	ug/l	98
4) Vinyl Chloride	1.40	62	87162	18.36	ug/l	98
5) Bromomethane	1.64	94	50494	17.44	ug/l	99
6) Chloroethane	1.72	64	74308	24.47	ug/l	97
7) Trichlorofluoromethane	1.93	101	122339	19.52	ug/l	98
8) Diethyl Ether	2.19	74	55279	19.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76407	19.50	ug/l	99
10) Methyl Iodide	2.51	142	71553	14.68	ug/l	100
11) Tert butyl alcohol	3.07	59	107526	97.77	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71514	19.30	ug/l	98
13) Acrolein	2.29	56	50712	85.25	ug/l	98
14) Allyl chloride	2.73	41	136862	19.16	ug/l	99
15) Acrylonitrile	3.15	53	254033	96.80	ug/l	99
16) Acetone	2.45	43	259454	95.29	ug/l	100
17) Carbon Disulfide	2.57	76	190556	18.42	ug/l	100
18) Methyl Acetate	2.78	43	120070	20.25	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	262830	20.02	ug/l	98
20) Methylene Chloride	2.86	84	85309	18.74	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	80281	19.08	ug/l	97
22) Diisopropyl ether	3.87	45	254387	19.37	ug/l	99
23) Vinyl Acetate	3.82	43	1060398	97.05	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152101	19.50	ug/l	99
25) 2-Butanone	4.71	43	402176	98.24	ug/l	98
26) 2,2-Dichloropropane	4.58	77	106764	18.98	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	89083	19.51	ug/l	99
28) Bromochloromethane	5.02	49	63821	19.12	ug/l	98
29) Tetrahydrofuran	5.17	42	204359	97.12	ug/l	100
30) Chloroform	5.21	83	146785	19.99	ug/l	100
31) Cyclohexane	5.57	56	126091	19.11	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	123203	20.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	108096	19.10	ug/l	99
37) Ethyl Acetate	4.86	43	119969	19.27	ug/l	99
38) Carbon Tetrachloride	5.78	117	104753	19.45	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125177	18.76	ug/l	98
40) Benzene	6.15	78	333943	19.65	ug/l	99
41) Methacrylonitrile	5.06	41	66815	19.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	115473	20.10	ug/l	100
43) Isopropyl Acetate	6.47	43	181807	19.41	ug/l	100
44) Trichloroethene	7.21	130	89770	19.32	ug/l	94
45) 1,2-Dichloropropane	7.52	63	84984	19.37	ug/l	99
46) Dibromomethane	7.67	93	55783	19.58	ug/l	100
47) Bromodichloromethane	7.90	83	104834	19.53	ug/l	98
48) Methyl methacrylate	7.78	41	92634	19.45	ug/l	99
49) 1,4-Dioxane	7.76	88	44351	395.37	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	783746	100.94	ug/l	100
52) Toluene	8.79	92	213887	19.92	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	112965	18.62	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	127327	19.47	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	84855	19.34	ug/l	99
56) Ethyl methacrylate	9.18	69	121332	19.06	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145498	19.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	306197	97.82	ug/l	100
59) 2-Hexanone	9.50	43	592241	102.04	ug/l	100
60) Dibromochloromethane	9.59	129	81310	19.88	ug/l	99
61) 1,2-Dibromoethane	9.68	107	87708	19.97	ug/l	100
64) Tetrachloroethene	9.34	164	84517	18.13	ug/l	94
65) Chlorobenzene	10.14	112	234992	19.06	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	82634	19.50	ug/l	99
67) Ethyl Benzene	10.26	91	395943	19.62	ug/l	100
68) m/p-Xylenes	10.36	106	313924	39.81	ug/l	96
69) o-Xylene	10.70	106	150126	20.17	ug/l	96
70) Styrene	10.71	104	245313	20.13	ug/l	99
71) Bromoform	10.86	173	61013	18.90	ug/l #	99
73) Isopropylbenzene	11.02	105	398369	20.34	ug/l	97
74) N-amyl acetate	6.47	43	181807	17.85	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	132186	19.69	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	117773m	20.14	ug/l	
77) Bromobenzene	11.26	156	103921	19.89	ug/l	100
78) n-propylbenzene	11.36	91	449082	20.42	ug/l	99
79) 2-Chlorotoluene	11.42	91	270818	20.20	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	325620	20.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	34321	17.48	ug/l	96
82) 4-Chlorotoluene	11.51	91	315027	20.06	ug/l	99
83) tert-Butylbenzene	11.77	119	327001	20.82	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	342027	21.30	ug/l	100
85) sec-Butylbenzene	11.95	105	385291	20.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	340867	20.49	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	191137	19.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	187737	20.11	ug/l	98
89) n-Butylbenzene	12.39	91	251550	17.35	ug/l	99
90) Hexachloroethane	12.60	117	45102	16.70	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	170150	17.78	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23883	17.37	ug/l	98

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VX0809WBSD01

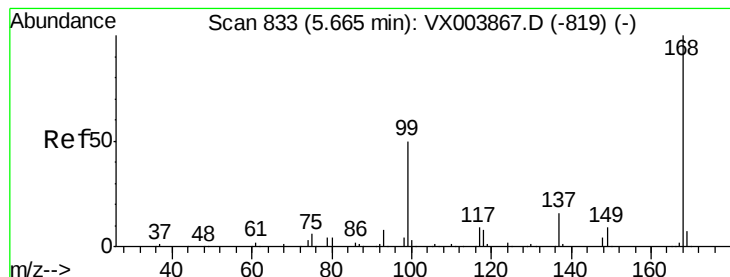
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129047	18.74	ug/l	100
94) Hexachlorobutadiene	13.79	225	62086	20.70	ug/l	99
95) Naphthalene	13.83	128	416059	21.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139559	20.31	ug/l	100

(#) = 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: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion:168 Resp: 345263

Ion Ratio Lower Upper

168 100

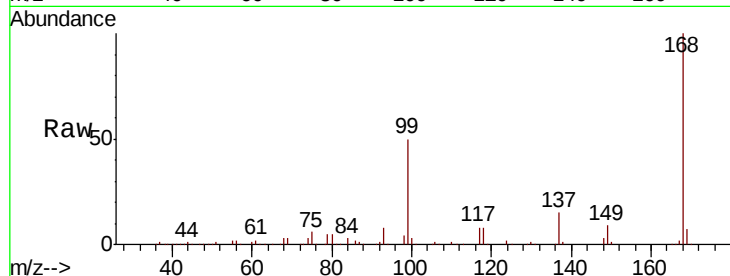
99 50.0 40.1 60.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

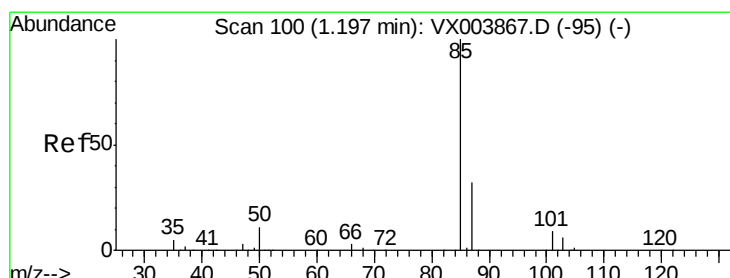
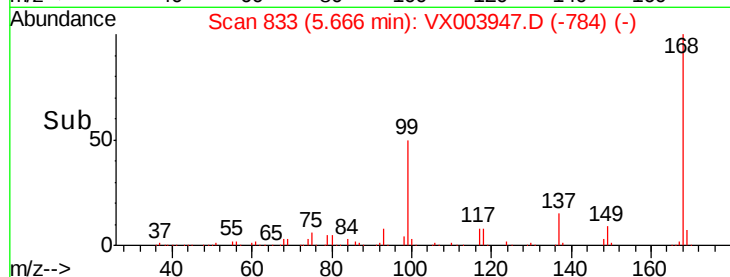
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 19.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003947.D

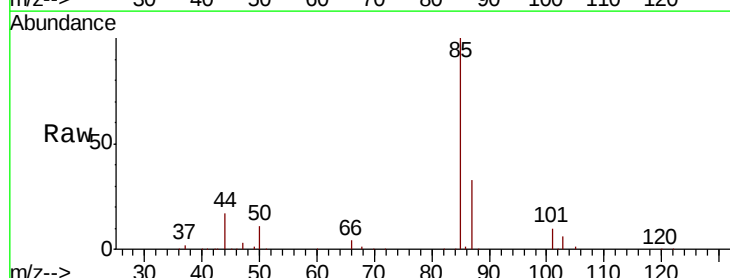
Acq: 09 Aug 2018 13:43

Tgt Ion: 85 Resp: 67079

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

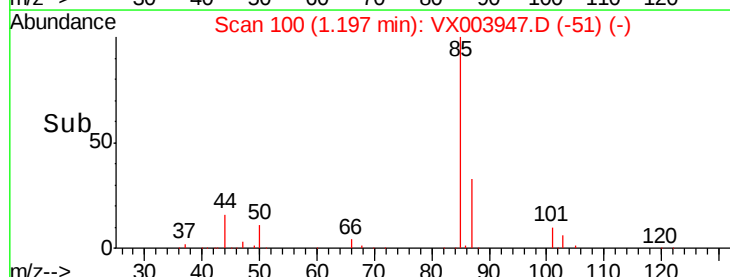
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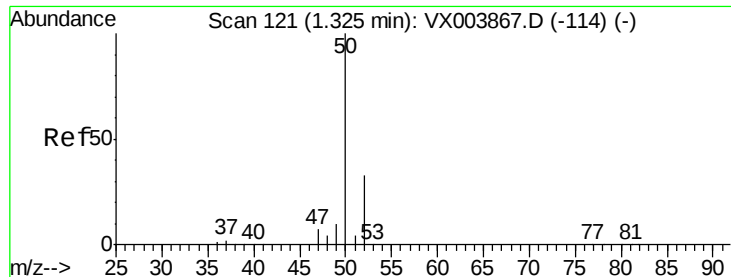
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion: 50 Resp: 82063

Ion Ratio Lower Upper

50 100

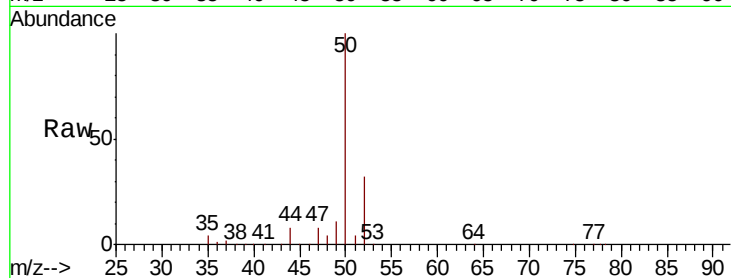
52 32.0 26.6 39.8

Manual Integrations

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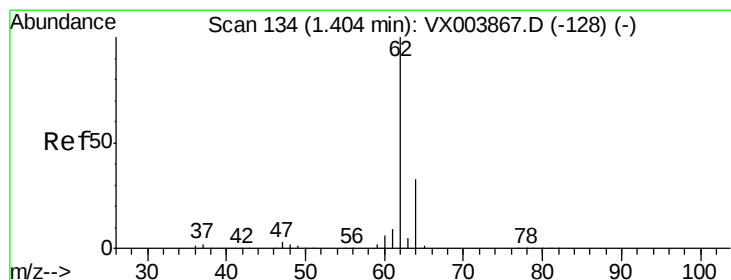
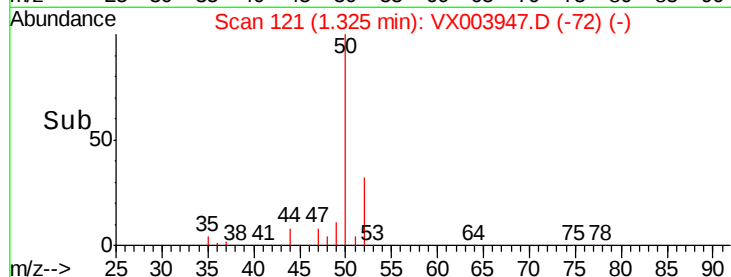
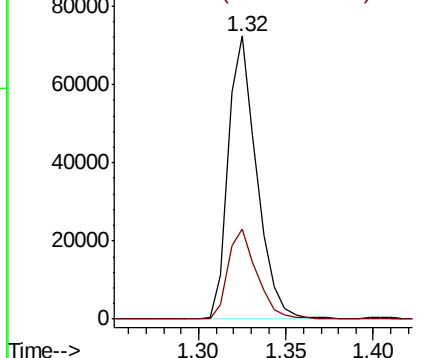
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.36 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003947.D

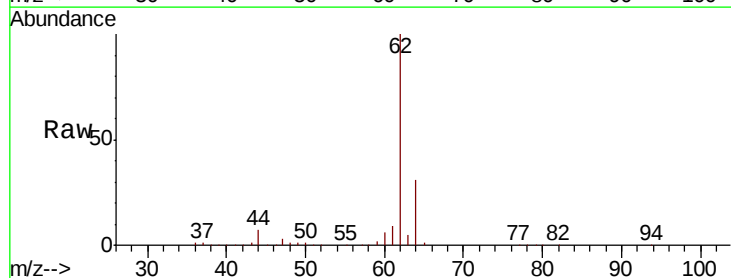
Acq: 09 Aug 2018 13:43

Tgt Ion: 62 Resp: 87162

Ion Ratio Lower Upper

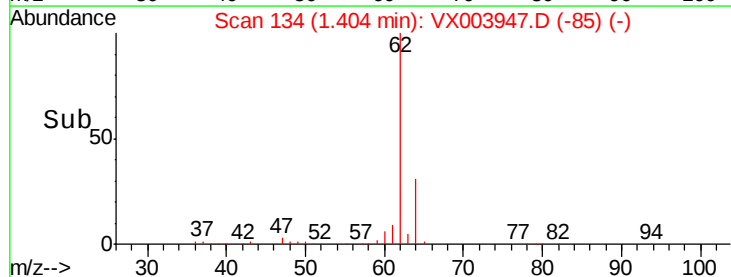
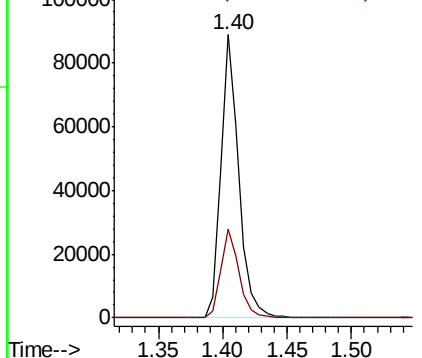
62 100

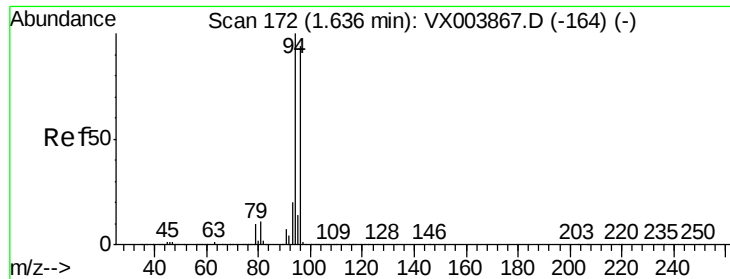
64 31.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.44 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion: 94 Resp: 50494

Ion Ratio Lower Upper

94 100

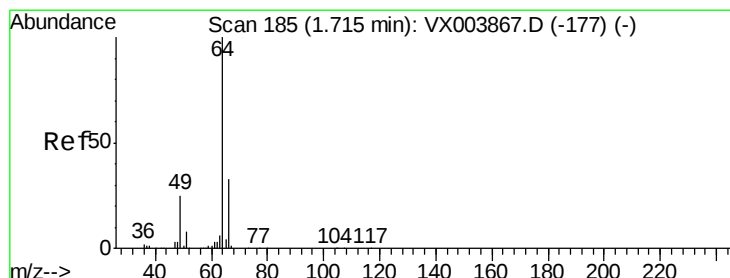
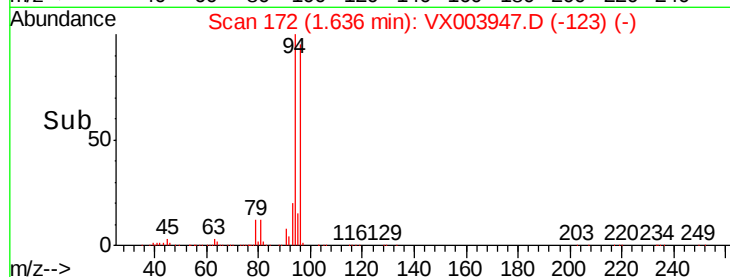
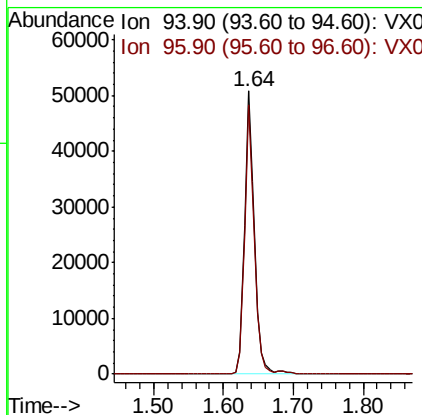
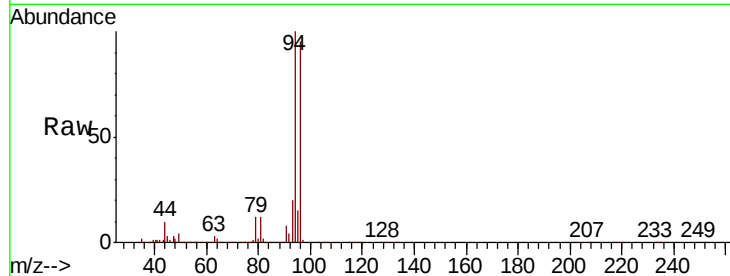
96 95.1 75.2 112.8

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#6

Chloroethane

Concen: 24.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003947.D

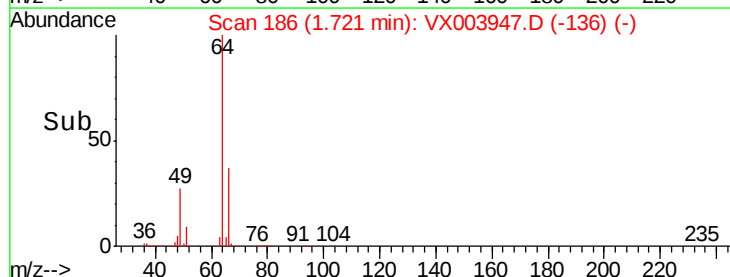
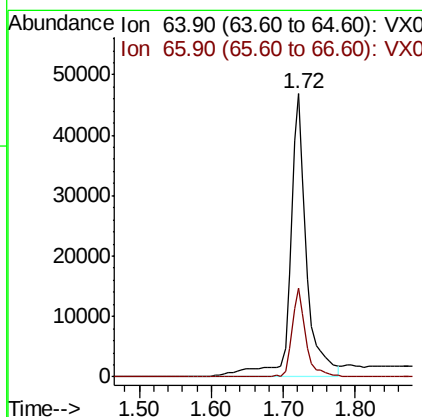
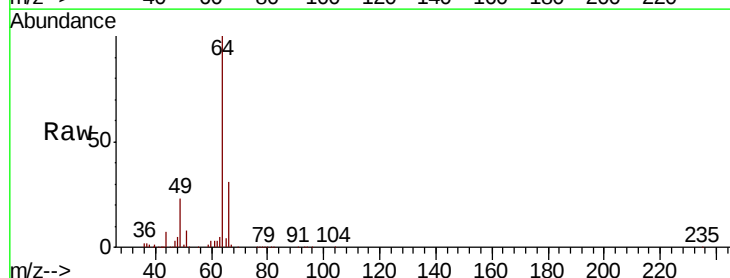
Acq: 09 Aug 2018 13:43

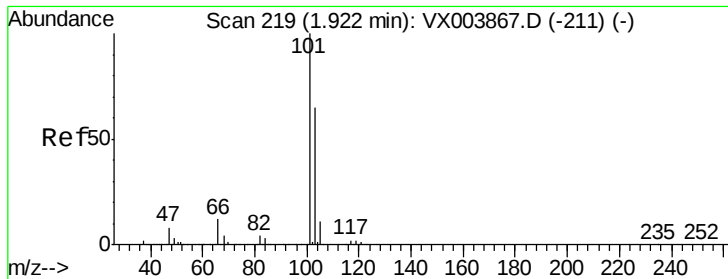
Tgt Ion: 64 Resp: 74308

Ion Ratio Lower Upper

64 100

66 31.4 26.5 39.7





#7

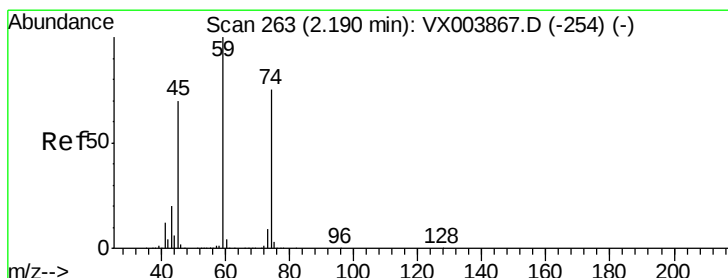
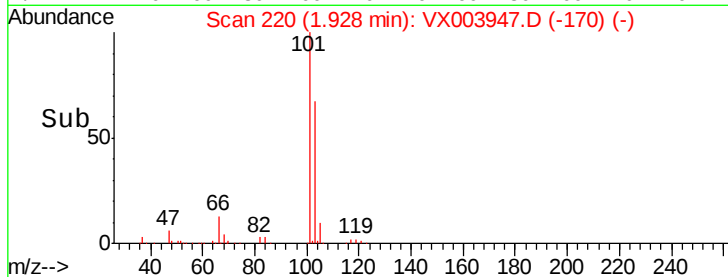
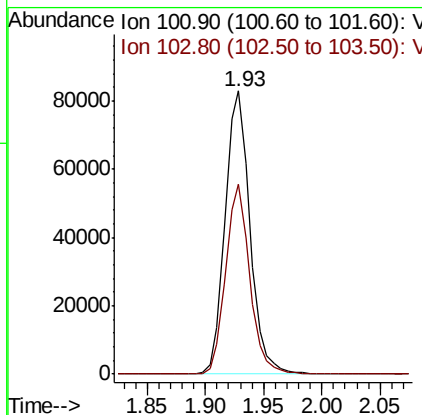
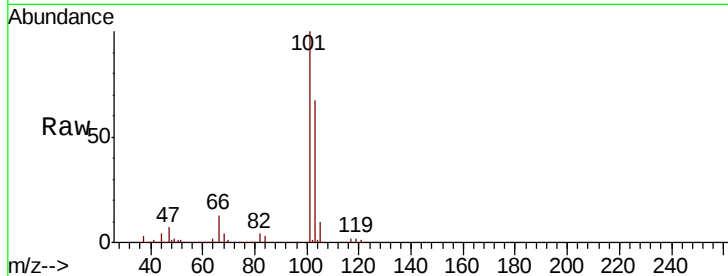
Trichlorofluoromethane
Concen: 19.52 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	52.3	78.5

Manual Integrations
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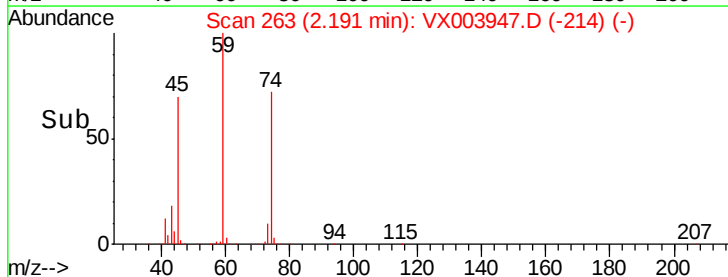
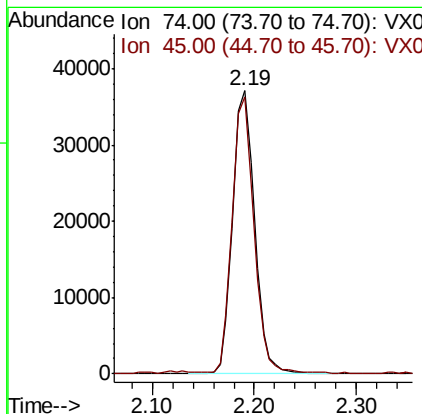
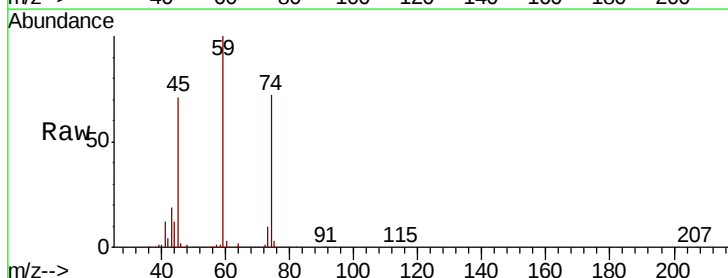
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8/10/2018 10:56:23 AM

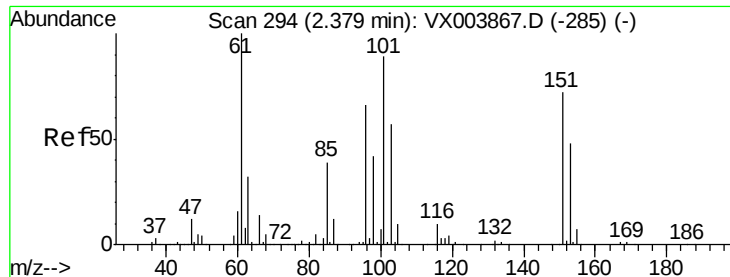


#8

Diethyl Ether
Concen: 19.62 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	48.3	144.9





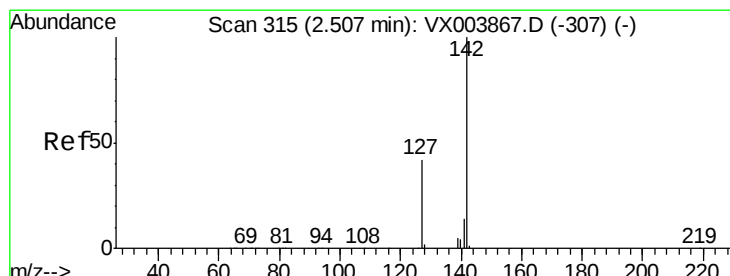
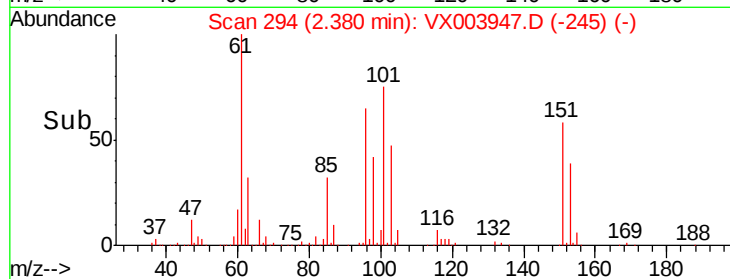
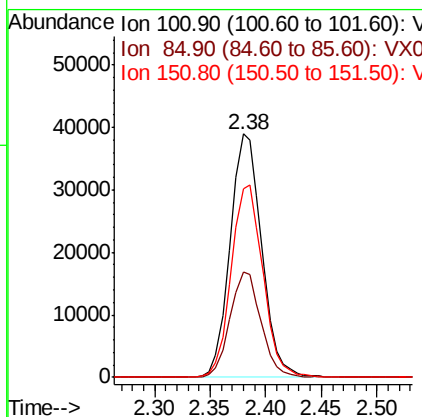
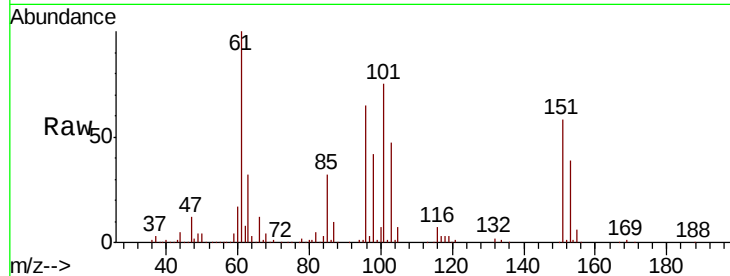
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.50 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.2	51.4
151	79.4	65.0	97.4

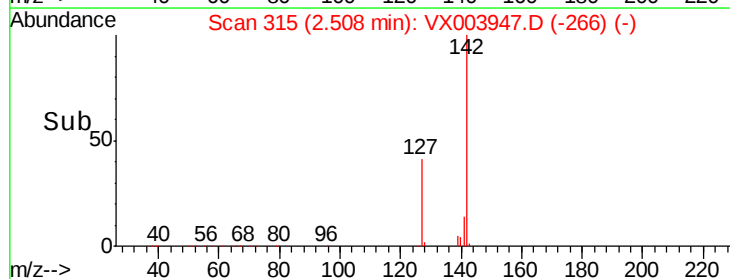
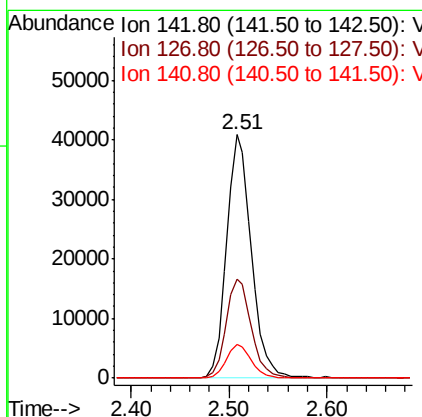
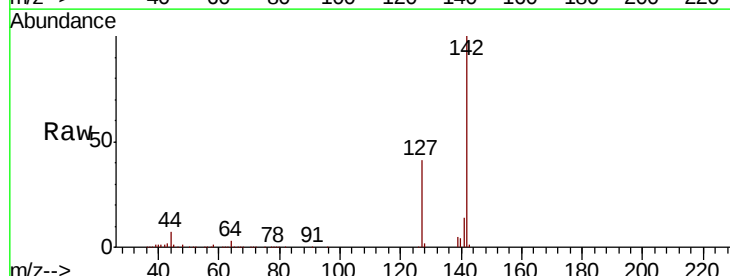
Manual Integrations
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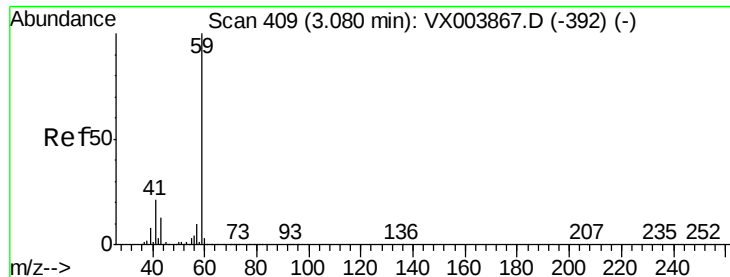
MMDadoda
 8/10/2018 10:56:23 AM



#10
 Methyl Iodide
 Concen: 14.68 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.5	33.1	49.7
141	14.1	11.1	16.7





#11

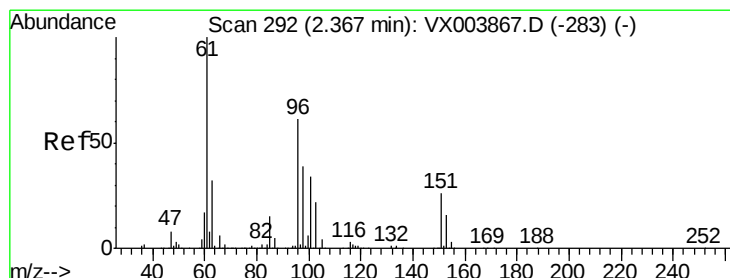
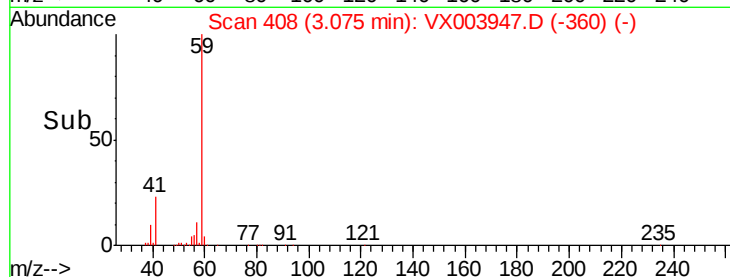
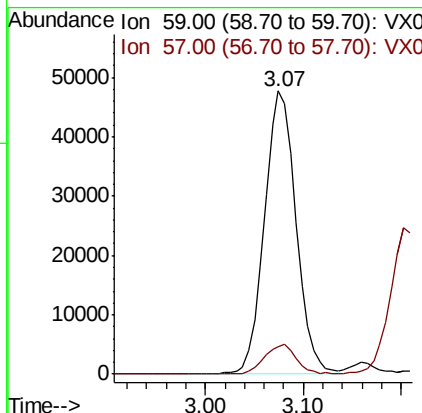
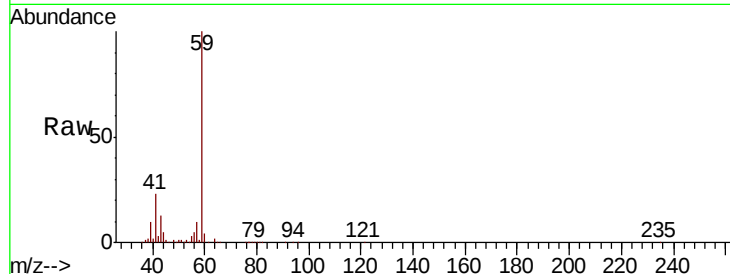
Tert butyl alcohol
Concen: 97.77 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

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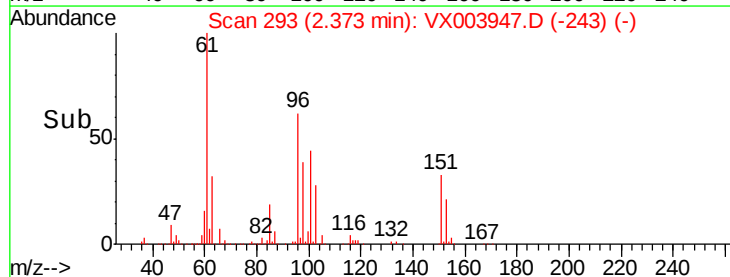
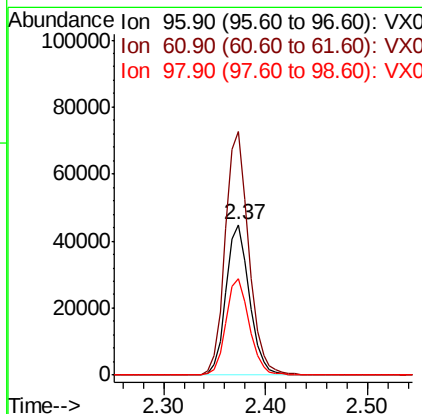
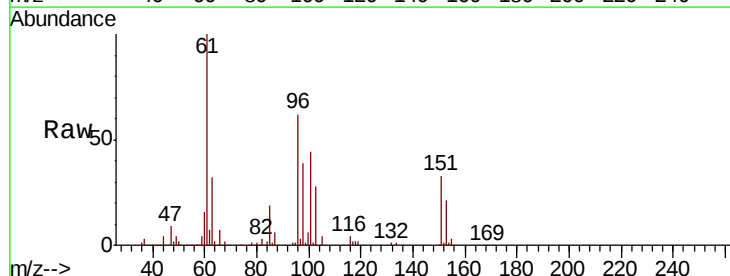
MMDadoda
8/10/2018 10:56:23 AM

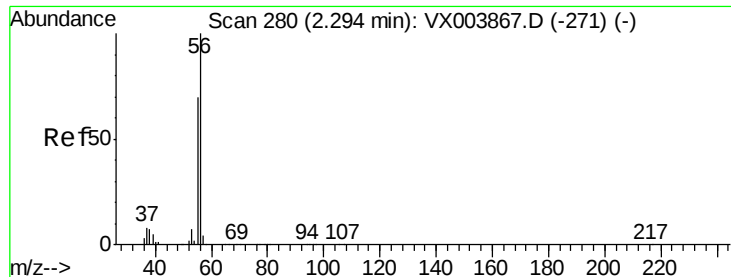


#12

1,1-Dichloroethene
Concen: 19.30 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.7	131.3	196.9
98	63.8	51.8	77.6





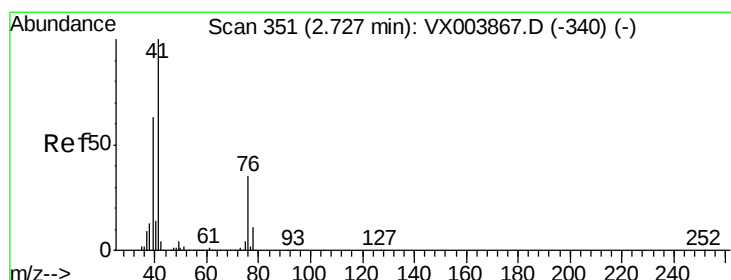
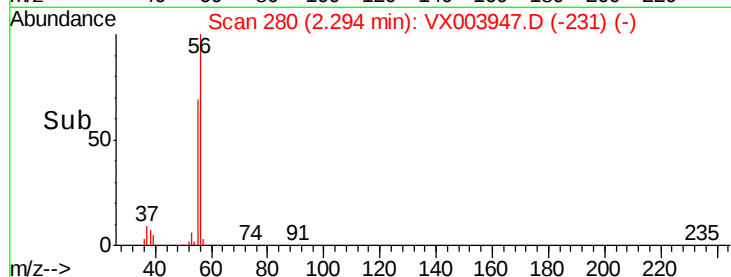
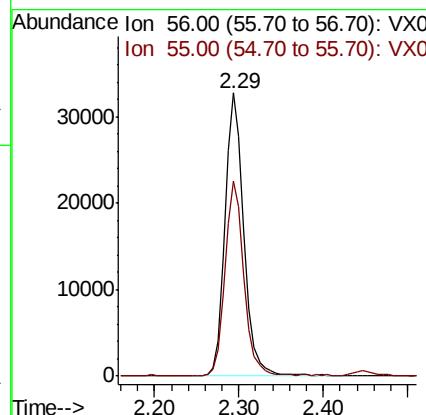
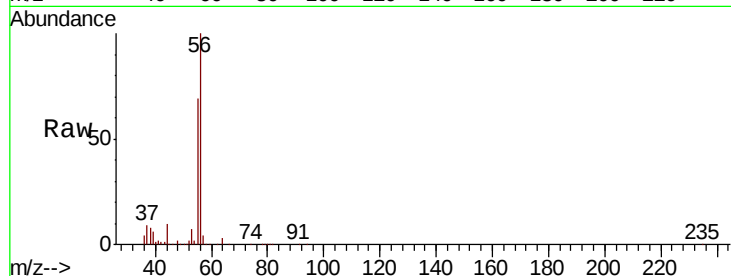
#13
 Acrolein
 Concen: 85.25 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion	56	Resp	50712
Ion Ratio	100	Lower	Upper
56	100		
55	68.4	56.1	84.1

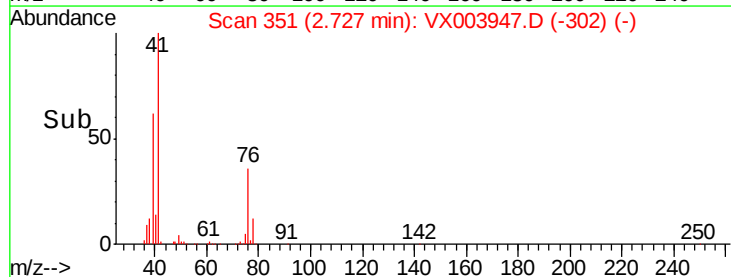
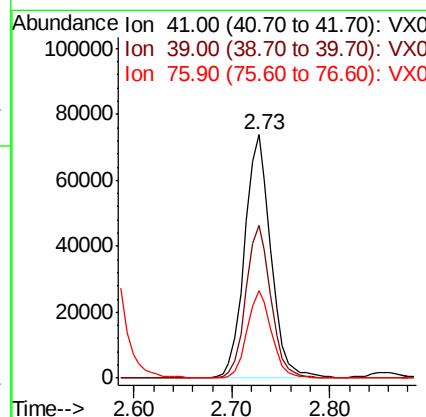
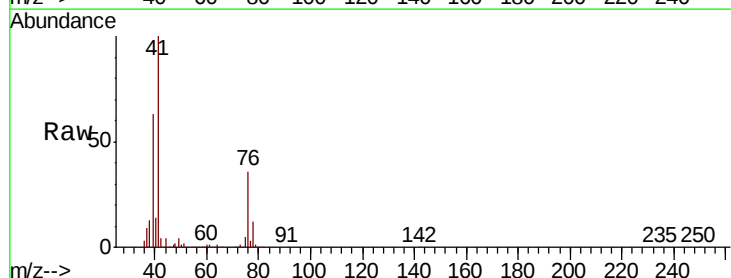
Manual Integrations
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MMDadoda
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#14
 Allyl chloride
 Concen: 19.16 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	41	Resp	136862
Ion Ratio	100	Lower	Upper
41	100		
39	60.1	47.4	71.0
76	33.5	26.0	39.0





#15

Acrylonitrile

Concen: 96.80 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

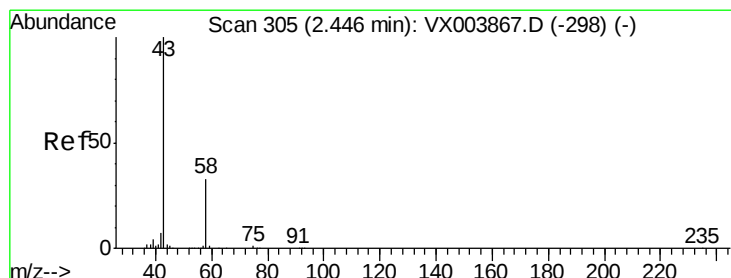
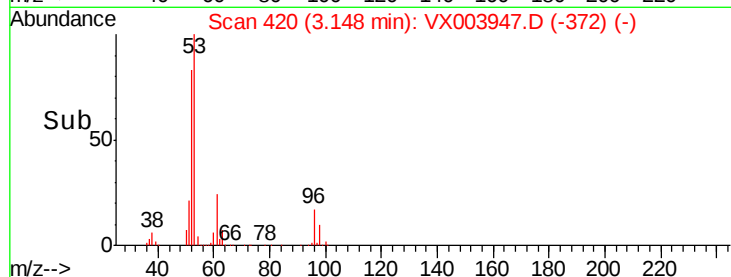
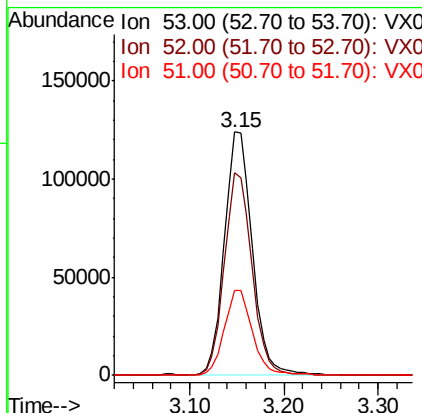
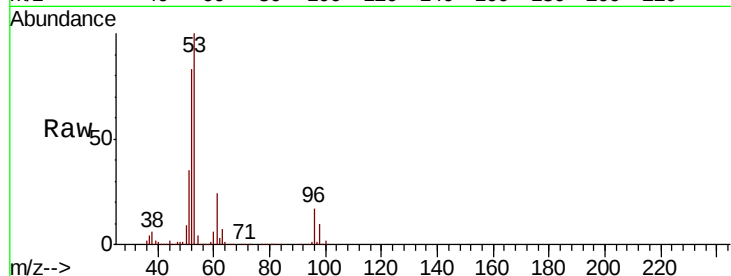
ClientSampleId :

VX0809WBSD01

Tot Ion:	53	Resp:	254033
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.3	97.9
51	35.3	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 95.29 ug/l

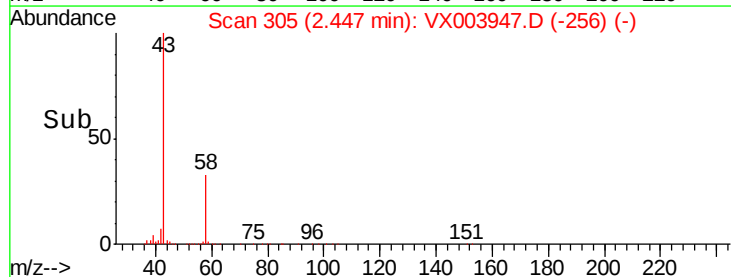
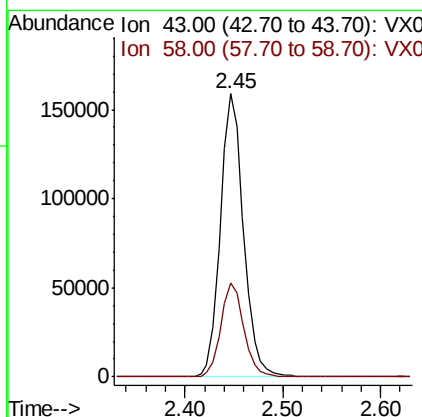
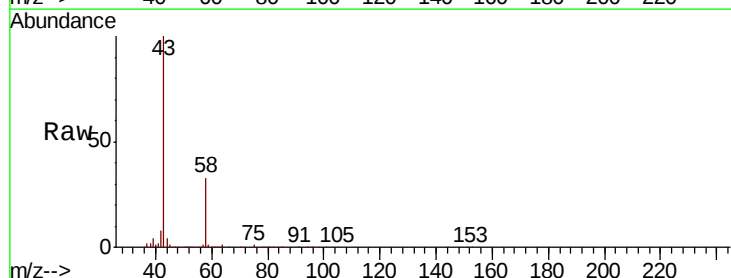
RT: 2.45 min Scan# 305

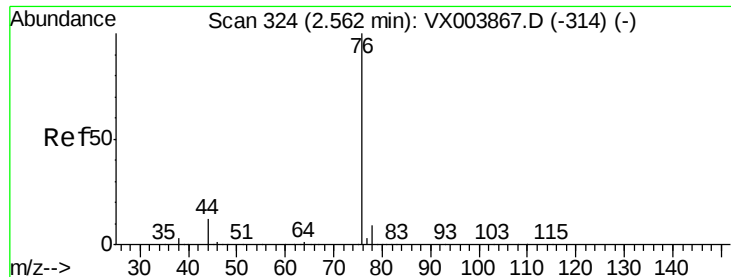
Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Tgt Ion:	43	Resp:	259454
Ion Ratio	Lower	Upper	
43	100		
58	33.1	26.4	39.6





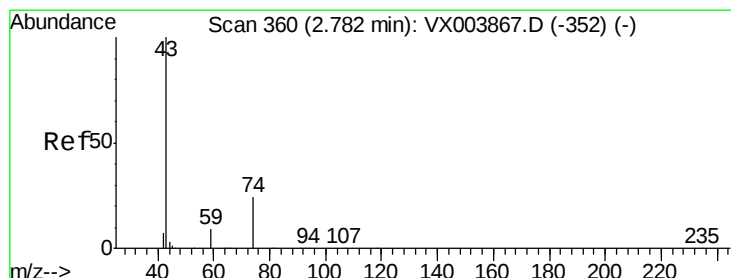
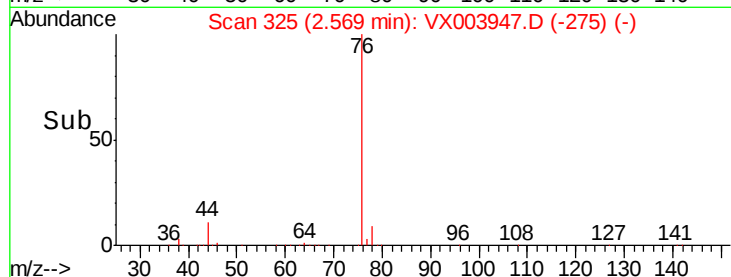
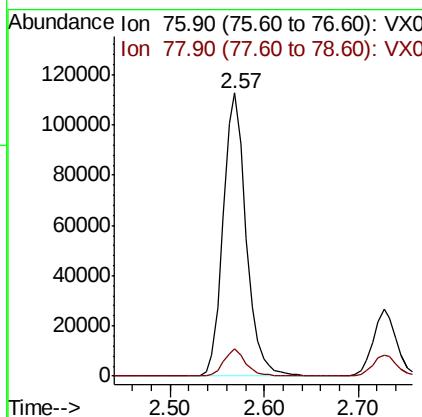
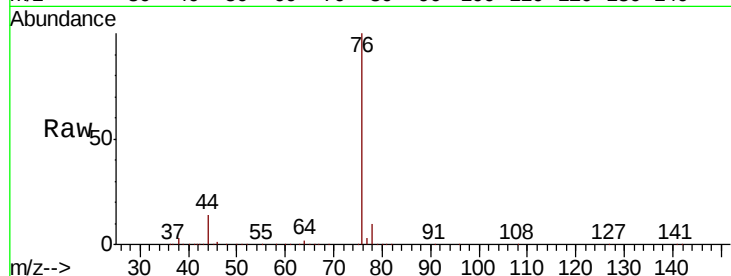
#17
Carbon Disulfide
Concen: 18.42 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

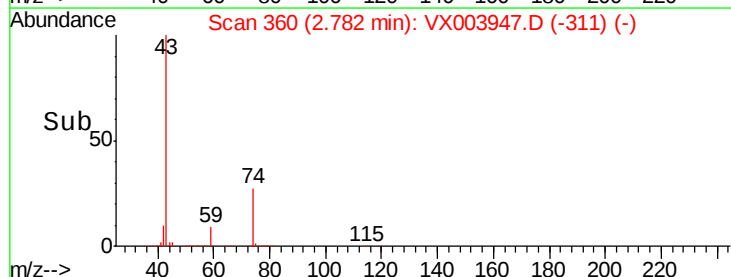
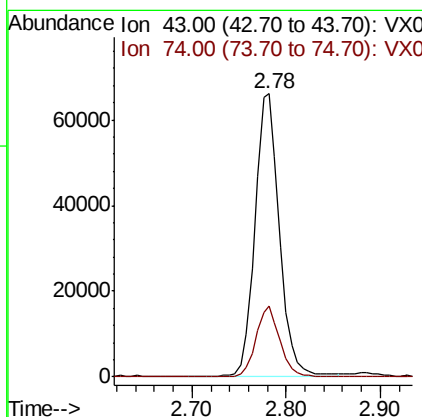
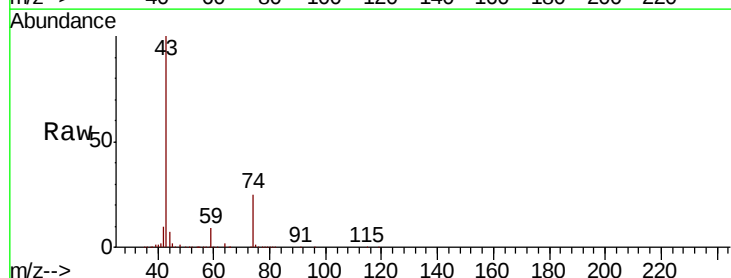
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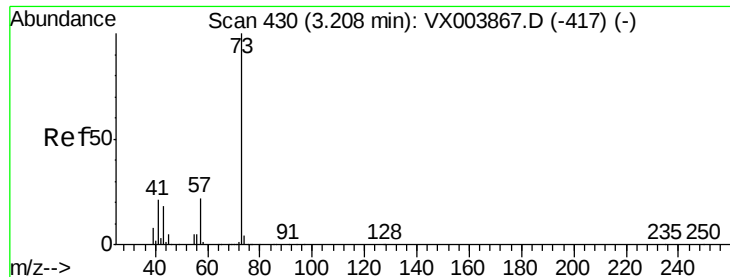
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#18
Methyl Acetate
Concen: 20.25 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.9	28.3





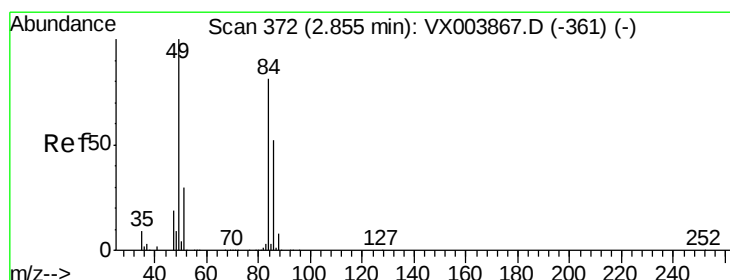
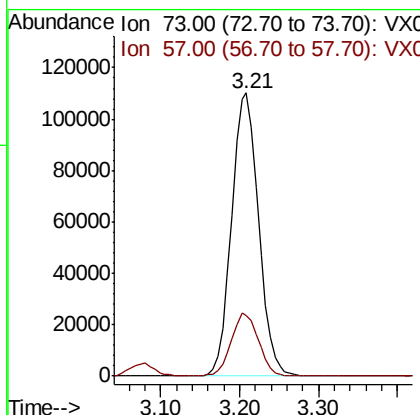
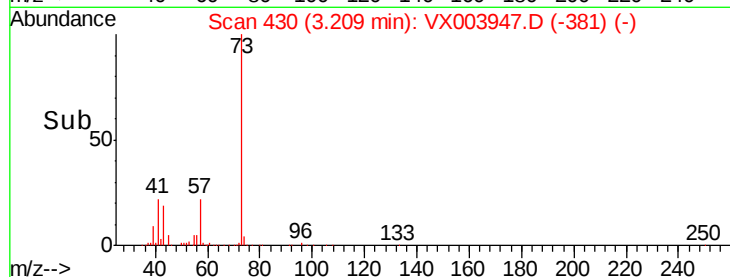
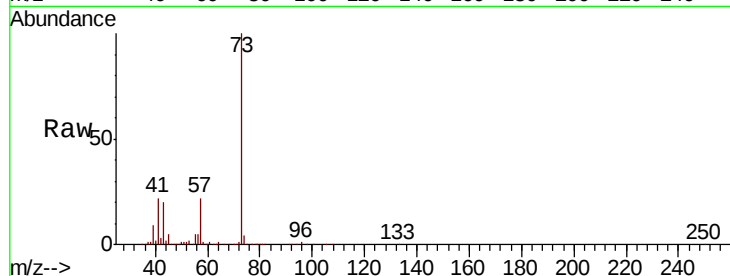
#19
Methyl tert-butyl Ether
Concen: 20.02 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	73	Resp	262830
Ion Ratio	100	Lower	Upper
73	100	18.0	27.0
57	21.5		

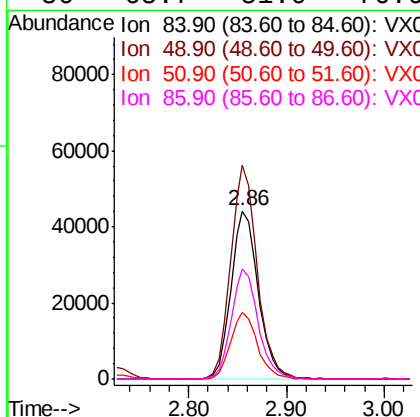
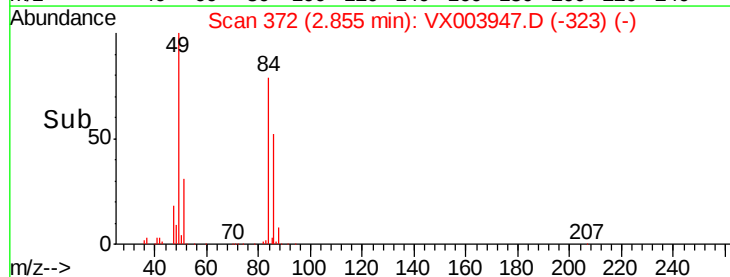
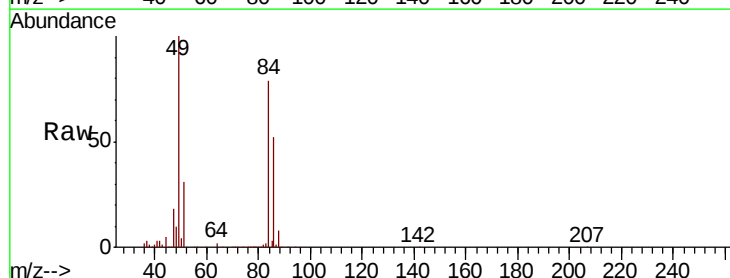
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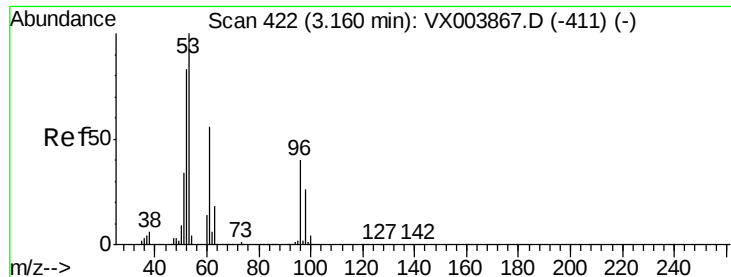
MMDadoda
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#20
Methylene Chloride
Concen: 18.74 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	84	Resp	85309
Ion Ratio	100	Lower	Upper
84	100	98.9	148.3
49	127.2	29.9	44.9
51	39.5	51.0	76.6
86	65.7		





#21

trans-1,2-Dichloroethene

Concen: 19.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

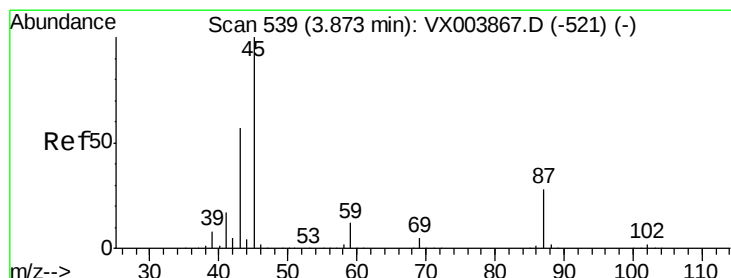
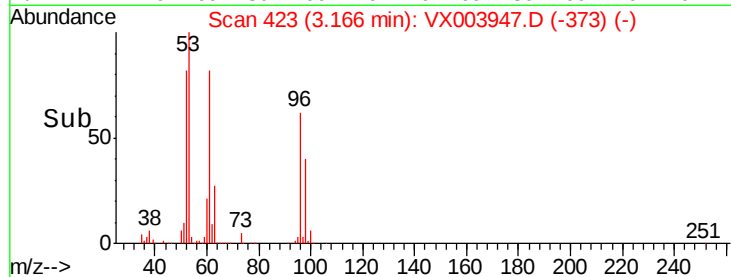
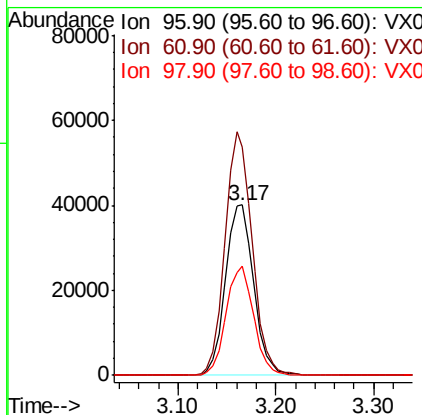
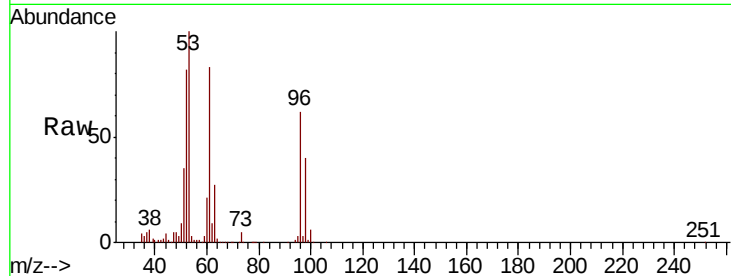
ClientSampleId :

VX0809WBSD01

Tot Ion:	96	Resp:	80281
Ion	Ratio	Lower	Upper
96	100		
61	133.8	111.8	167.6
98	64.5	51.8	77.6

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#22

Diisopropyl ether

Concen: 19.37 ug/l

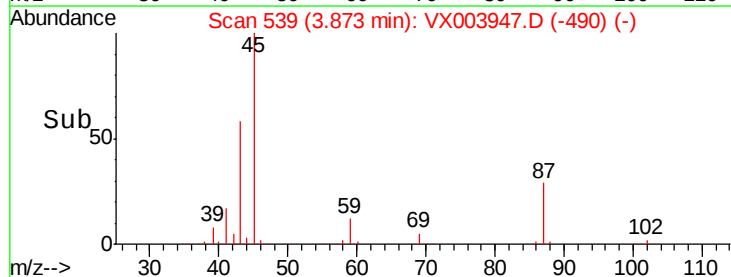
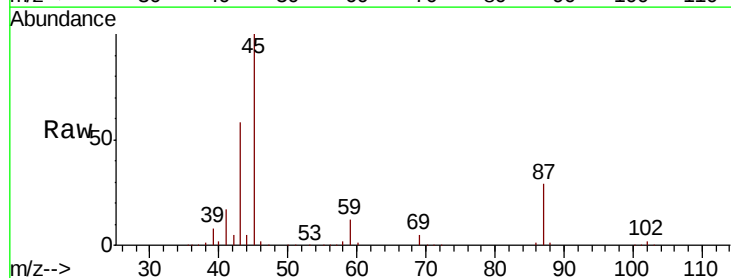
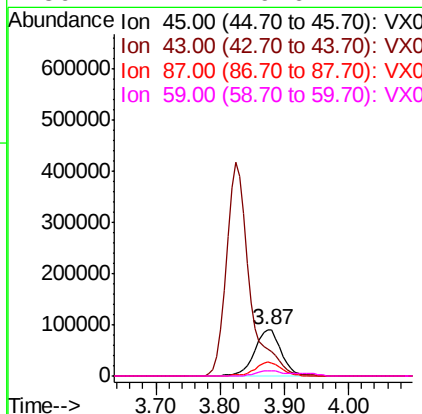
RT: 3.87 min Scan# 539

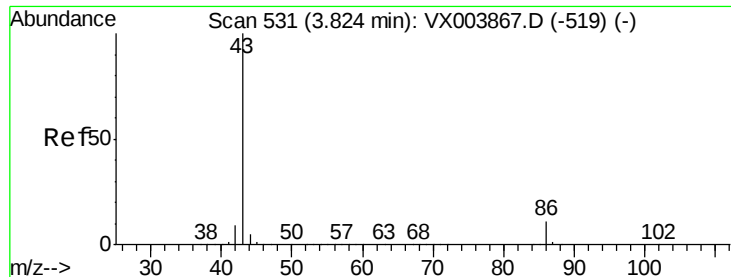
Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Tgt Ion:	45	Resp:	254387
Ion	Ratio	Lower	Upper
45	100		
43	57.6	45.3	67.9
87	28.9	22.7	34.1
59	11.7	9.6	14.4





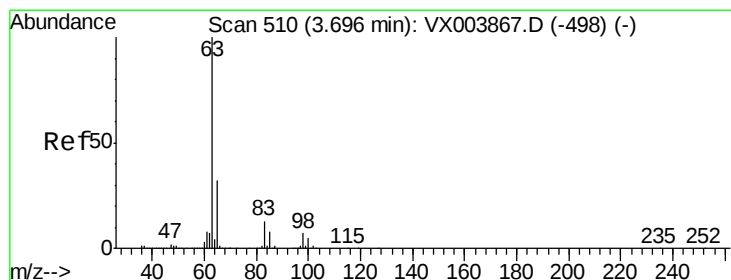
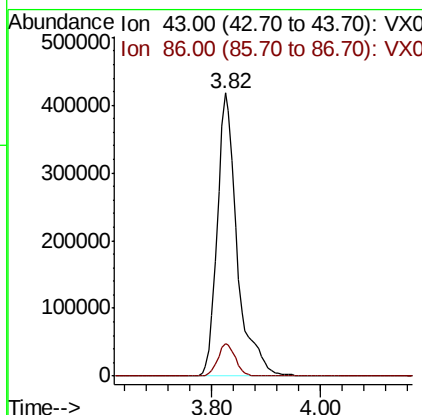
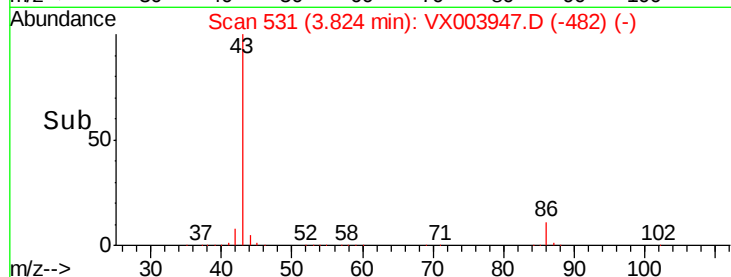
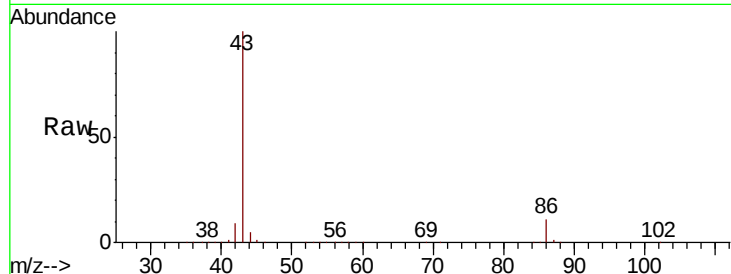
#23
 Vinyl Acetate
 Concen: 97.05 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion: 43 Resp: 1060398
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

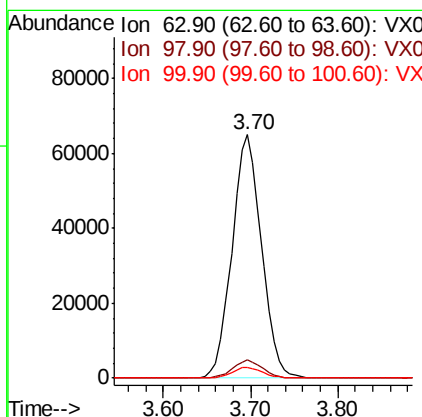
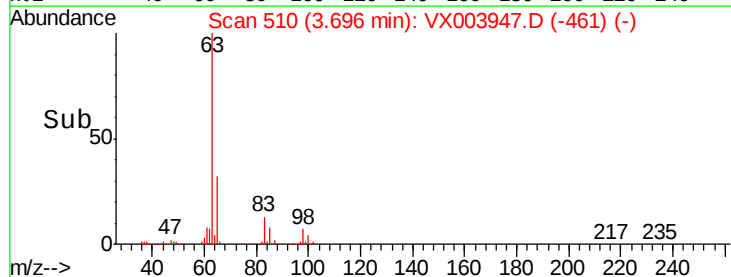
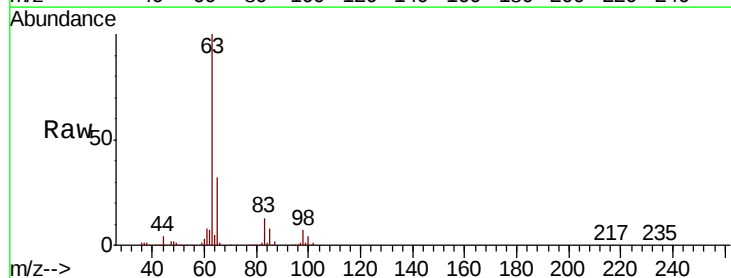
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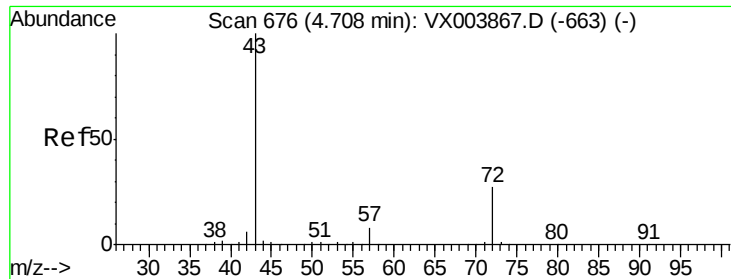
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 19.50 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion: 63 Resp: 152101
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 98.24 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion: 43 Resp: 402176

Ion Ratio Lower Upper

43 100

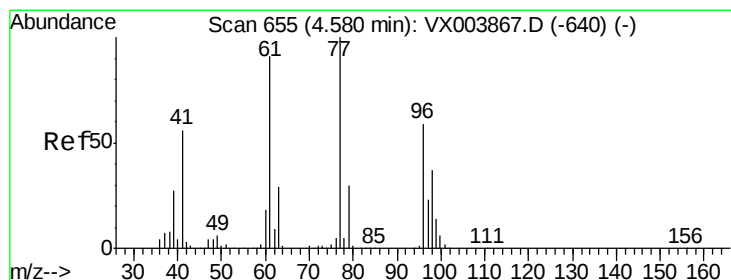
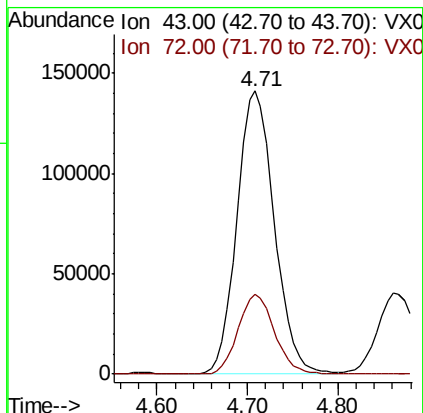
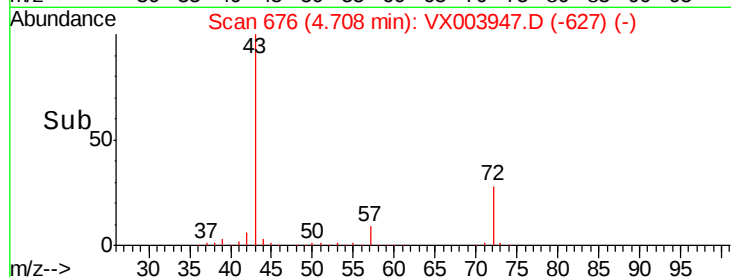
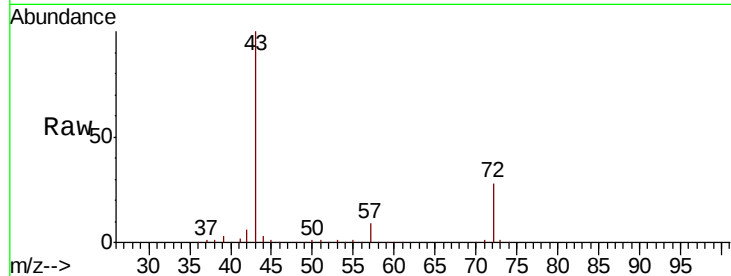
72 28.0 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.98 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003947.D

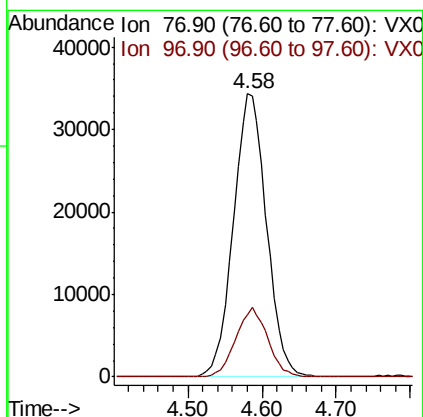
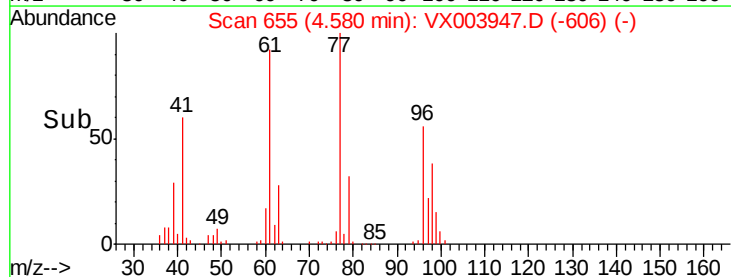
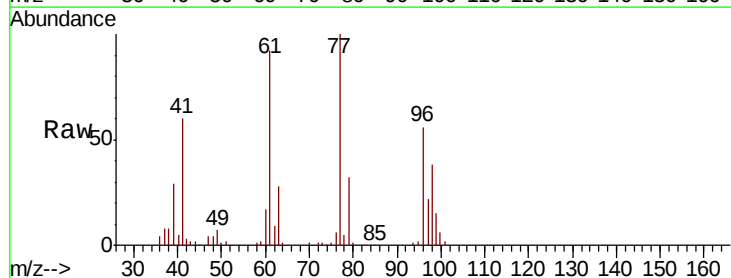
Acq: 09 Aug 2018 13:43

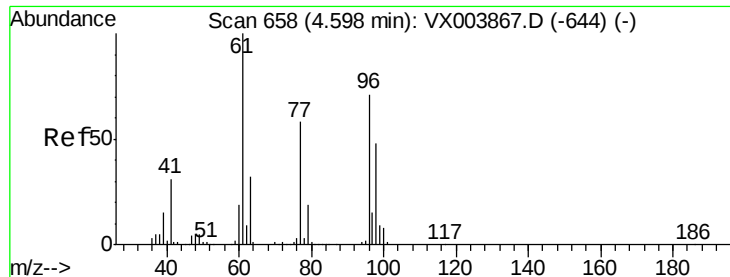
Tgt Ion: 77 Resp: 106764

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9





#27

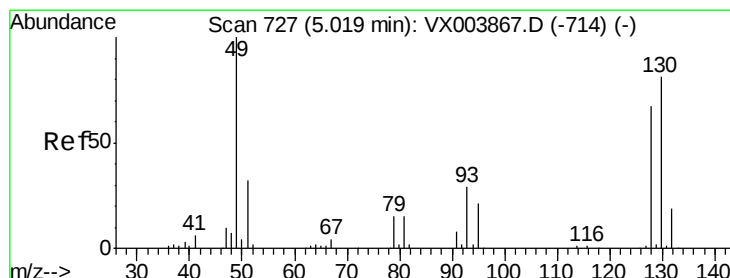
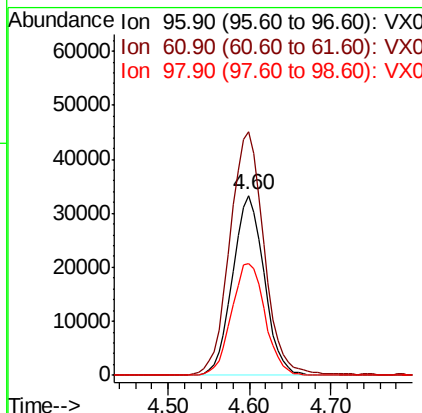
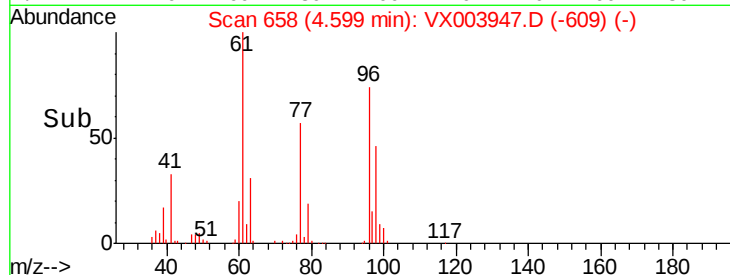
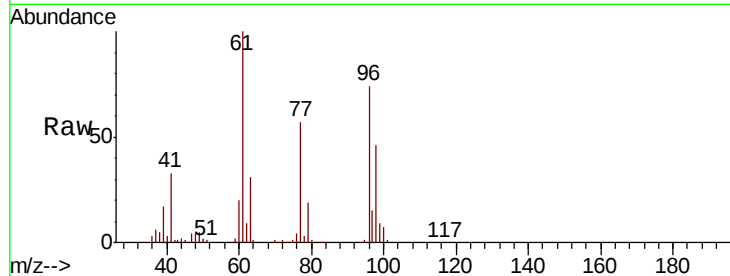
cis-1,2-Dichloroethene
Concen: 19.51 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	293.0
98	65.9	0.0	131.8

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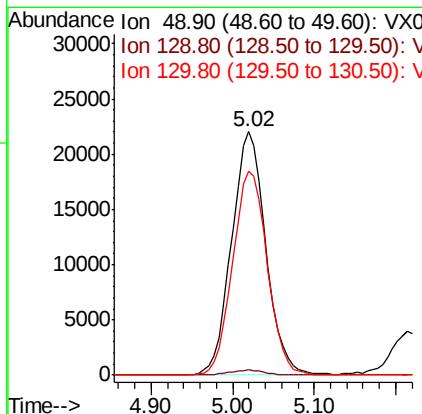
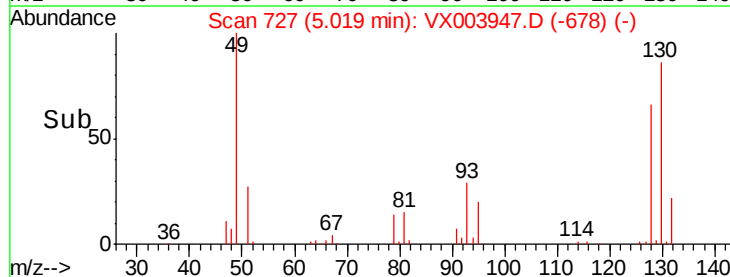
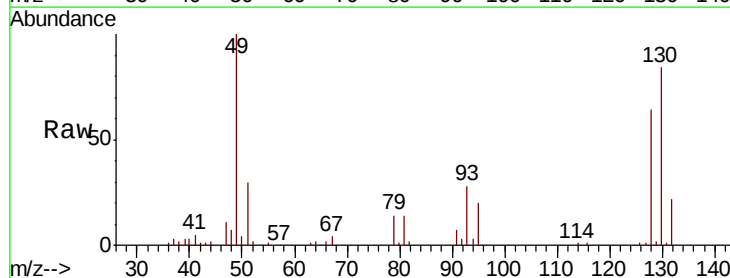
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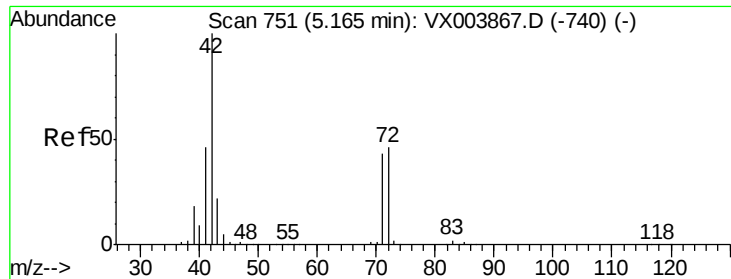


#28

Bromochloromethane
Concen: 19.12 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	84.9	66.5	99.7





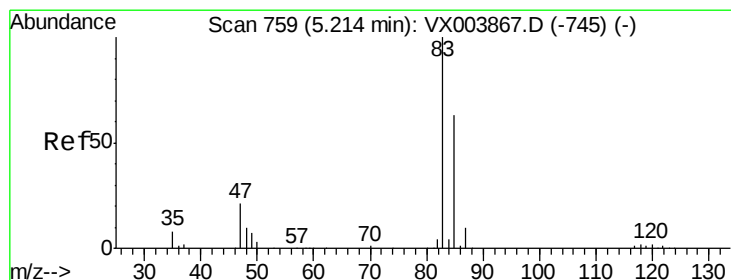
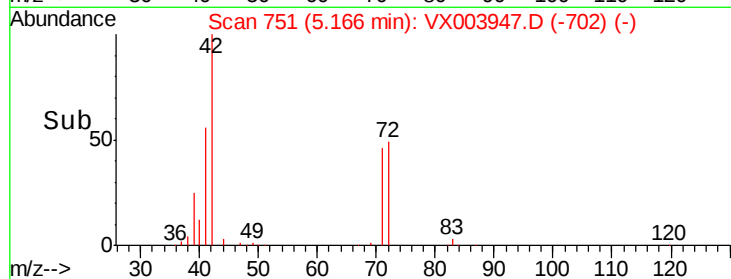
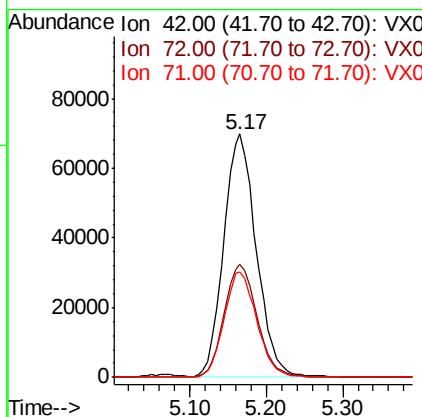
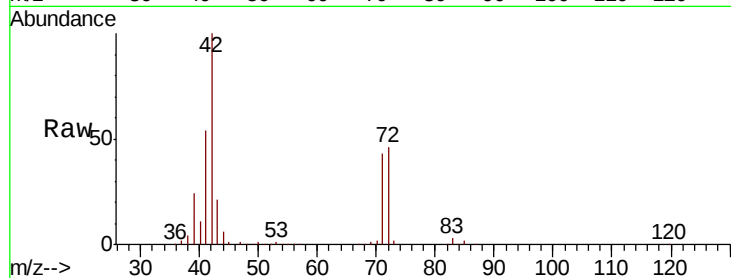
#29
Tetrahydrofuran
Concen: 97.12 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.7	56.5
71	43.9	35.0	52.6

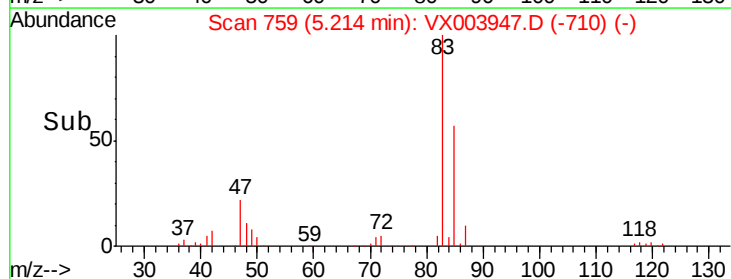
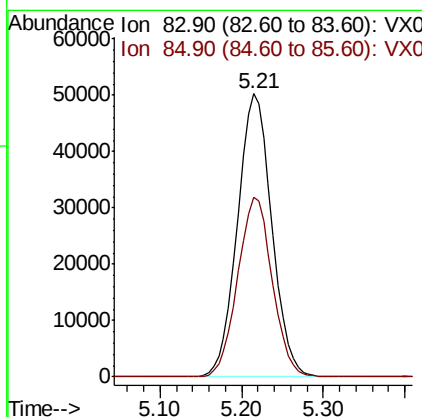
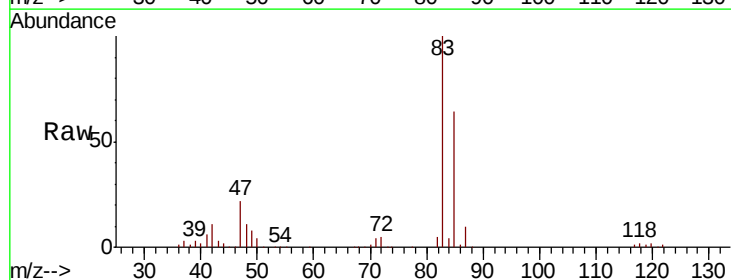
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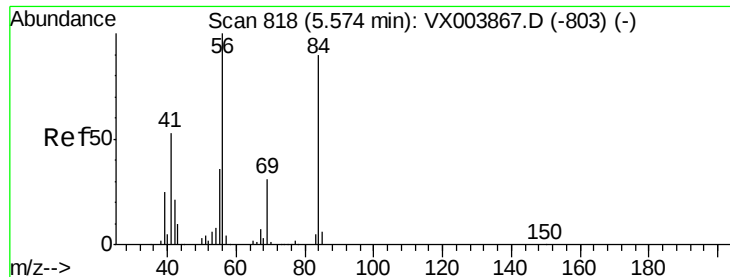
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#30
Chloroform
Concen: 19.99 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.7	76.1





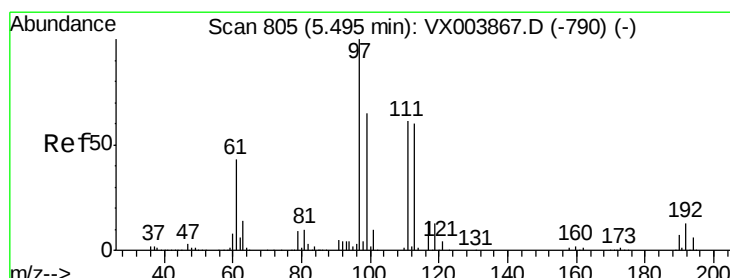
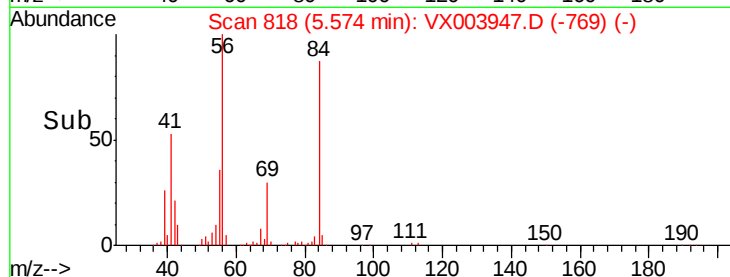
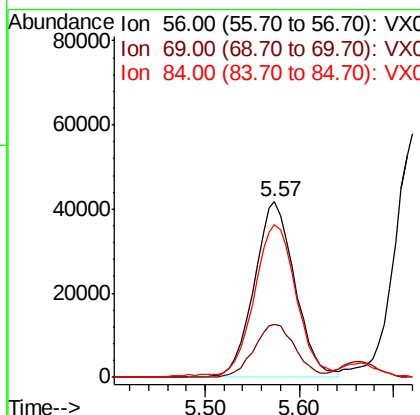
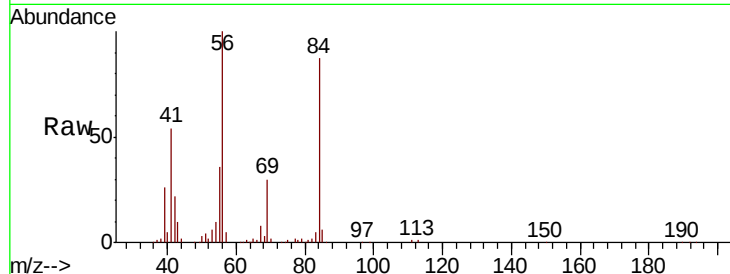
#31
Cyclohexane
Concen: 19.11 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.9	37.3
84	85.6	71.7	107.5

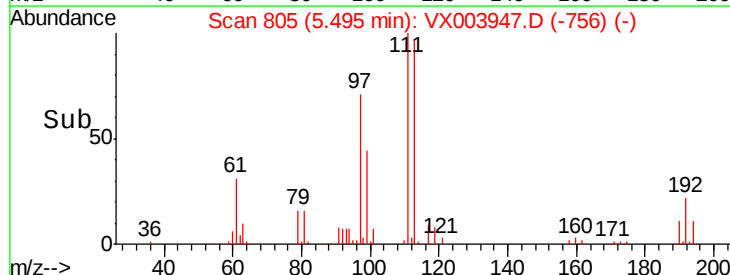
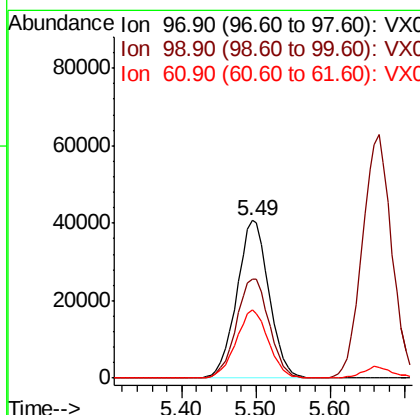
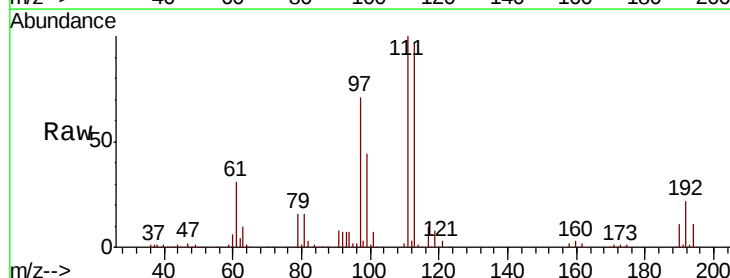
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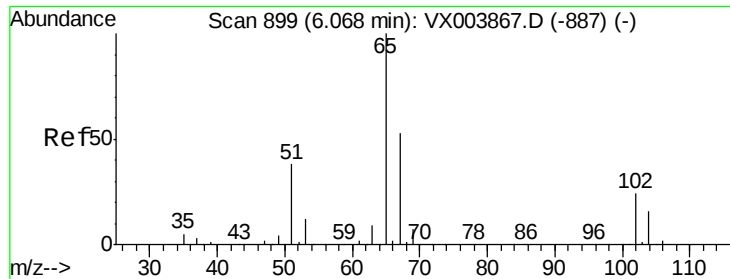
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#32
1,1,1-Trichloroethane
Concen: 20.01 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	43.5	34.4	51.6





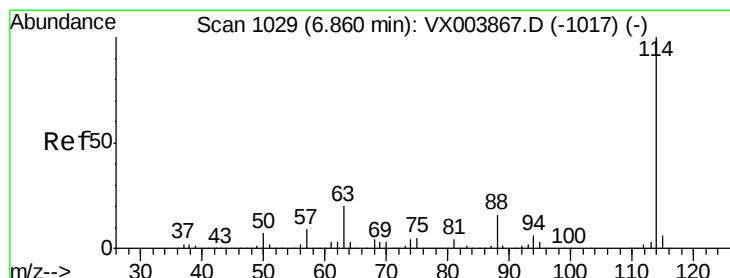
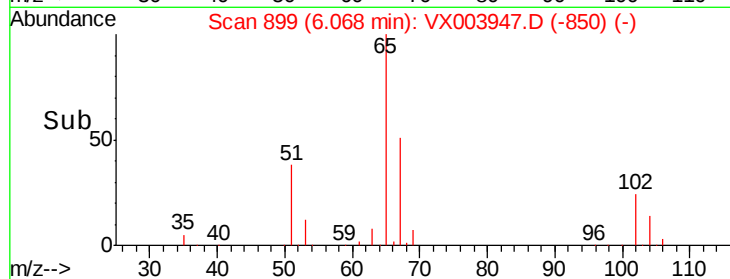
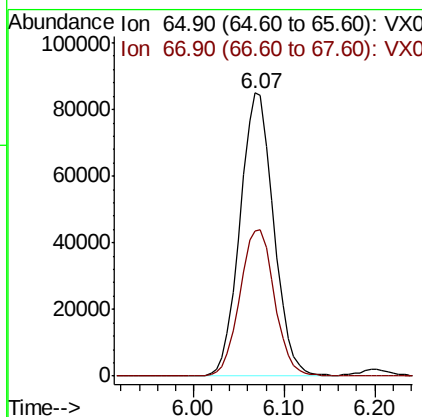
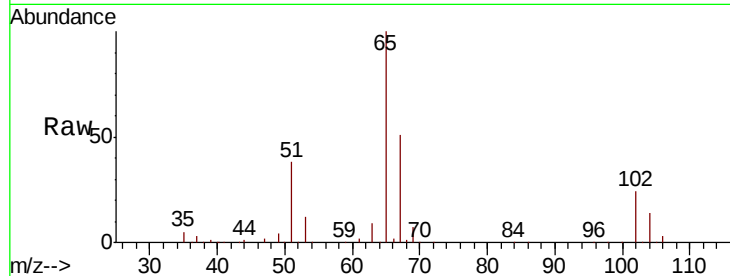
#33
 1,2-Dichloroethane-d4
 Concen: 47.85 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218987		
67	53.0	0.0	105.8	

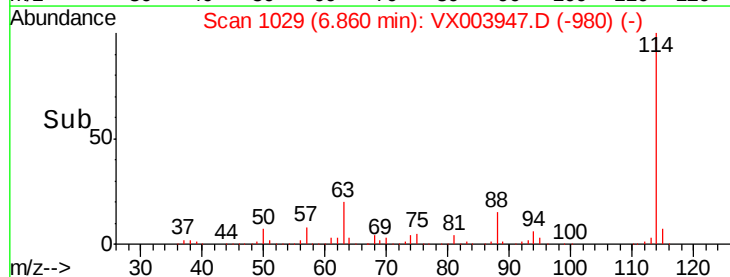
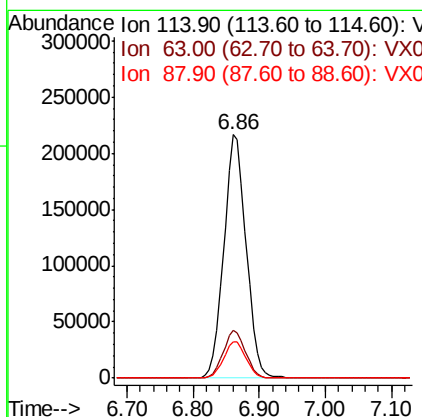
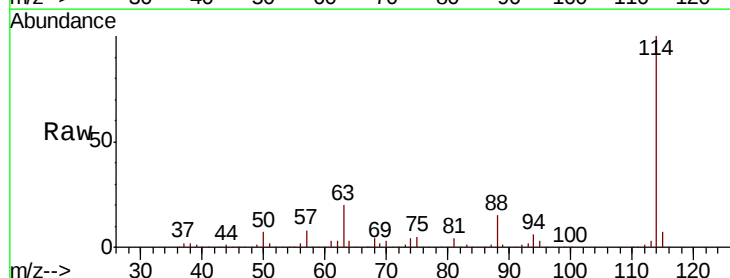
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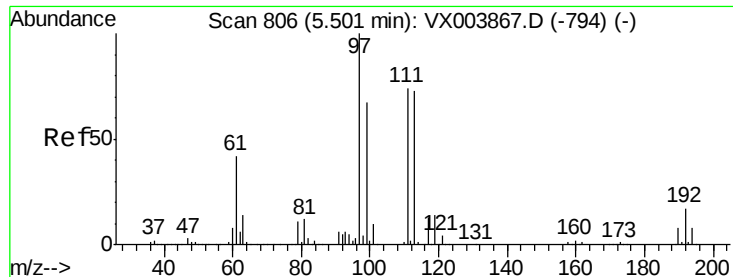
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	505265		
63	19.8	0.0	39.0	
88	15.2	0.0	32.0	





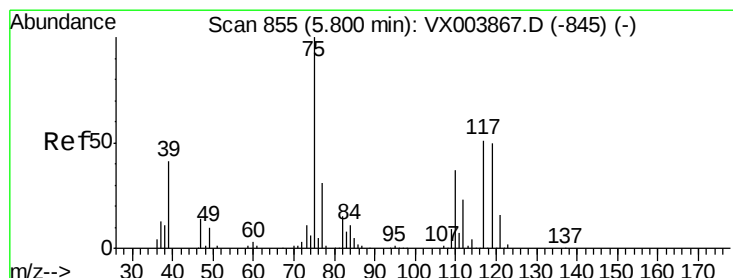
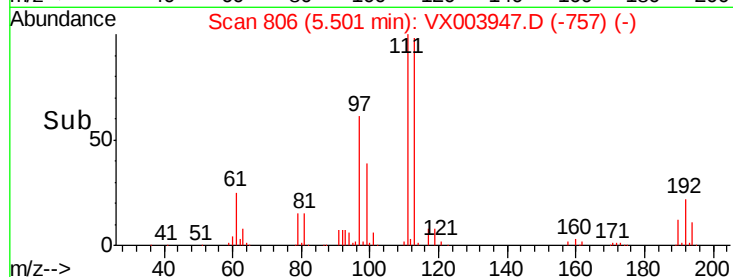
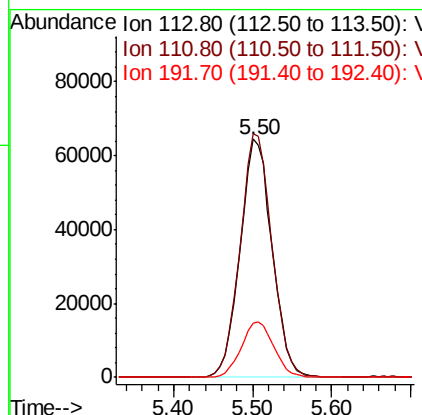
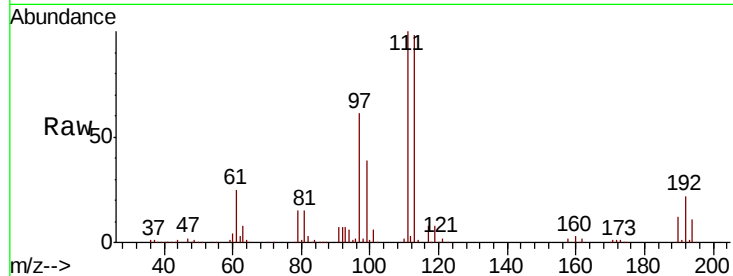
#35
 Dibromofluoromethane
 Concen: 47.28 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	180973		
111	102.5	82.0	123.0	
192	23.9	19.0	28.4	

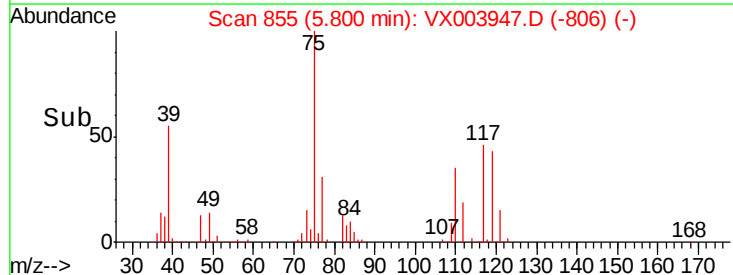
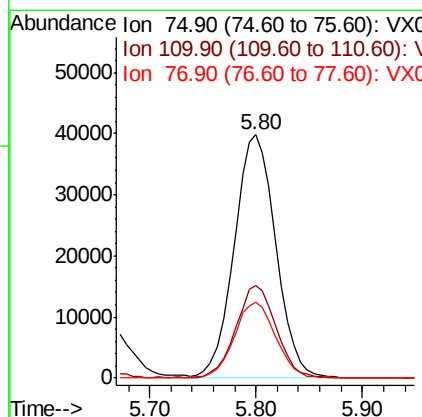
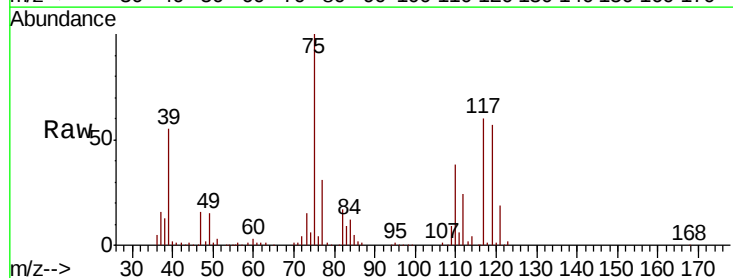
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#36
 1,1-Dichloropropene
 Concen: 19.10 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	108096		
110	37.4	18.2	54.6	
77	31.4	25.0	37.4	





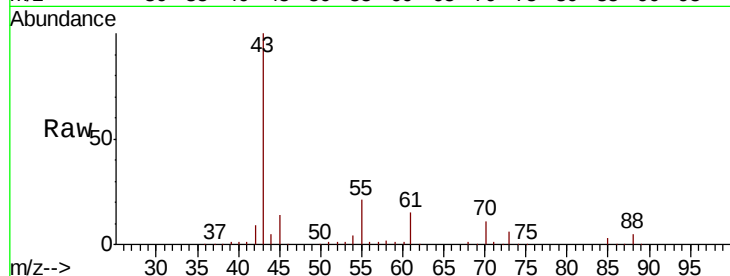
#37
Ethyl Acetate
Concen: 19.27 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	11.5	9.0	13.4

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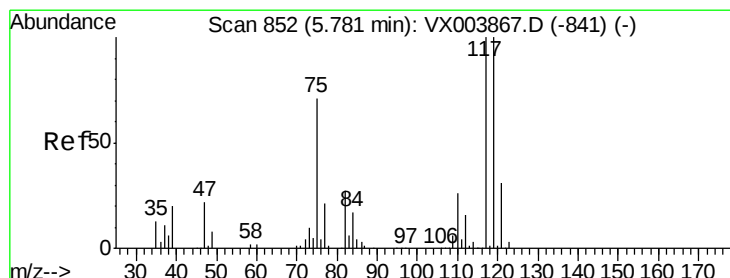
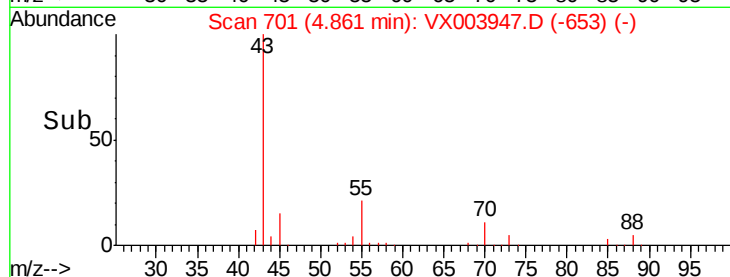
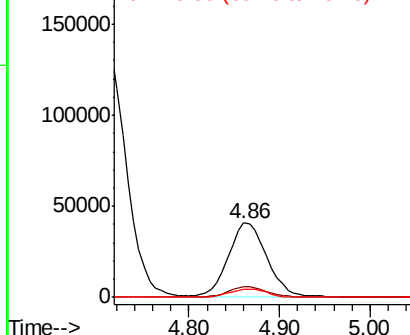


Abundance

Ion 43.00 (42.70 to 43.70): VX0

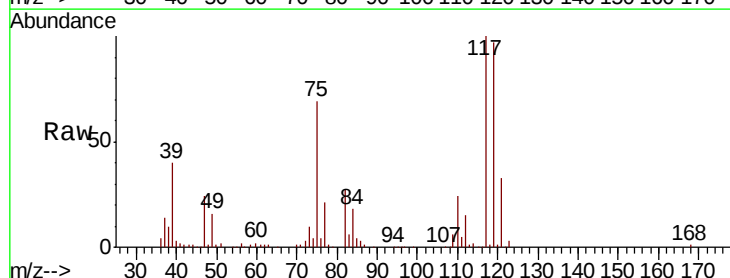
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.45 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.5	119.3
121	33.5	25.0	37.4

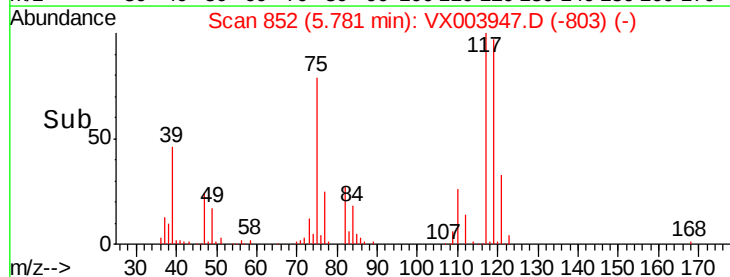
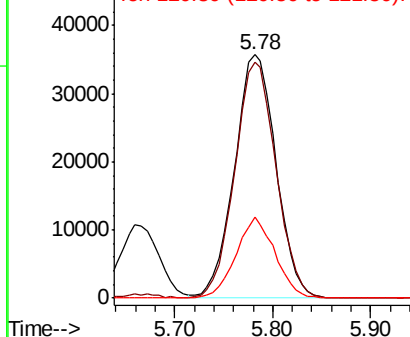


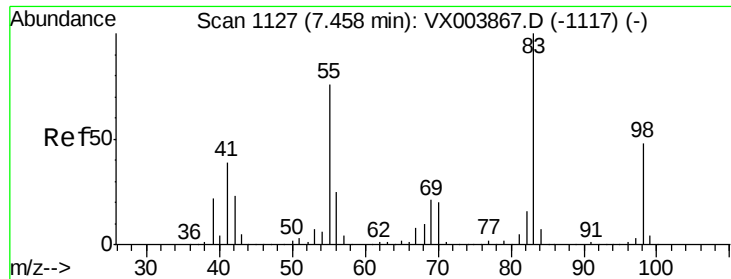
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





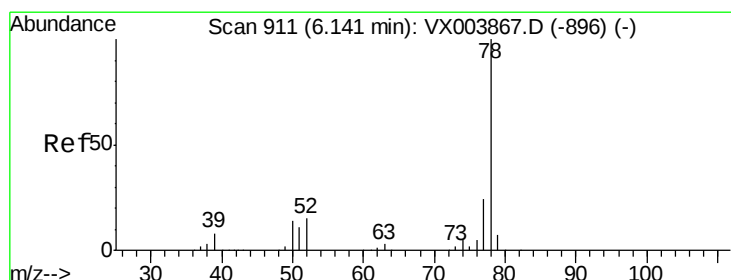
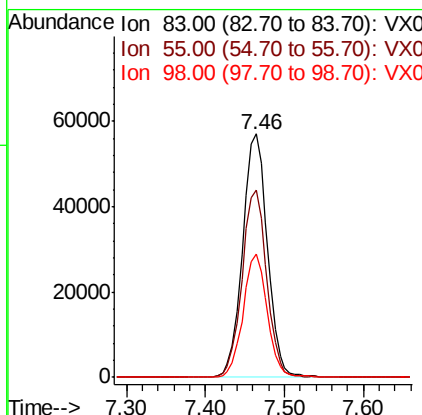
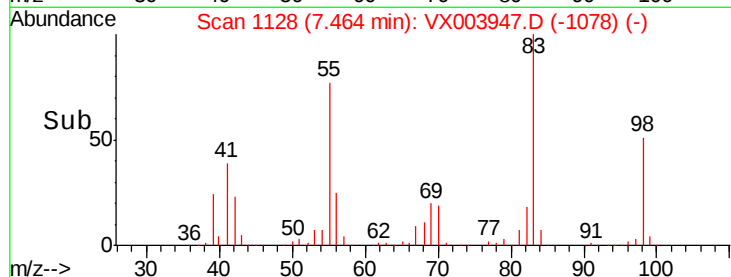
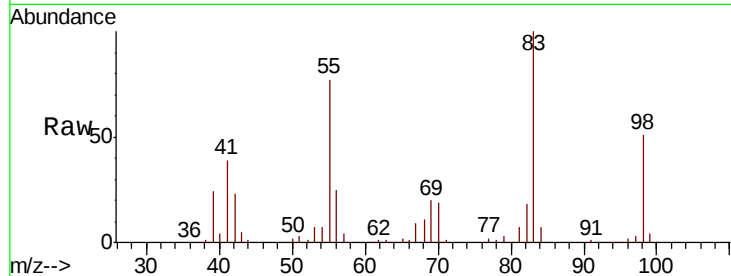
#39
Methvlcvclohexane
Concen: 18.76 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.8	61.0	91.6	
98	50.8	38.6	57.8	

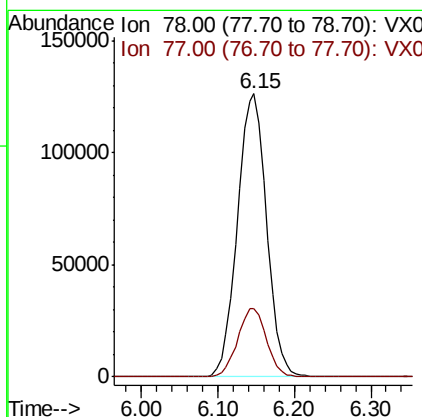
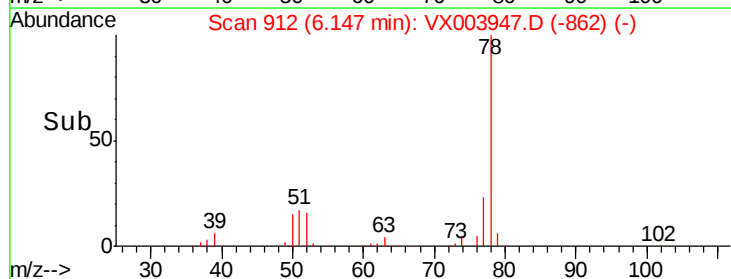
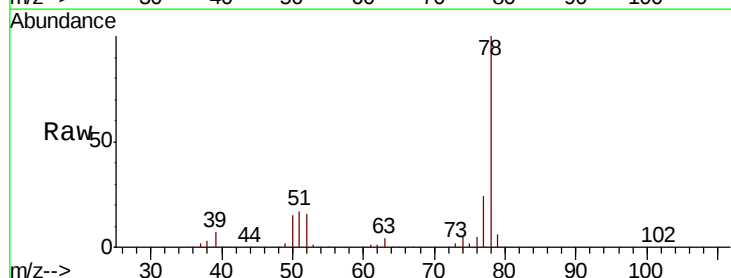
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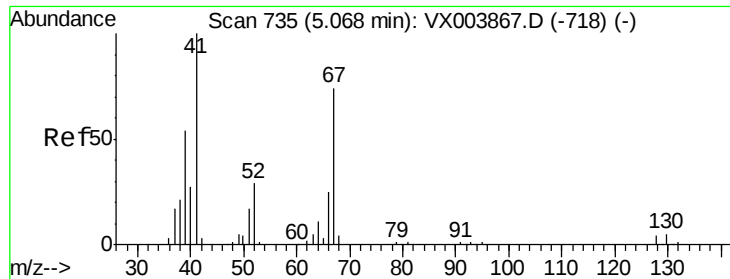
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#40
Benzene
Concen: 19.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.1	19.0	28.4	





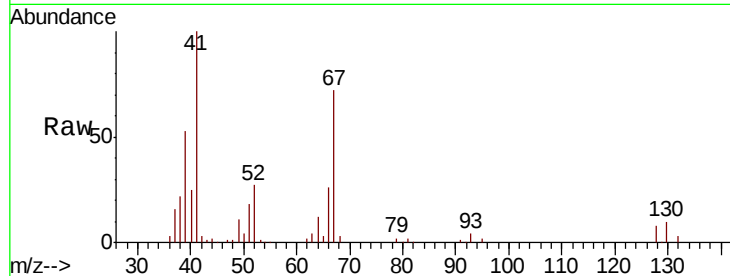
#41
Methacrylonitrile
Concen: 19.49 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

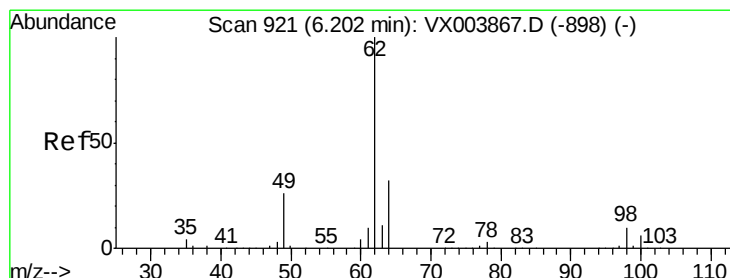
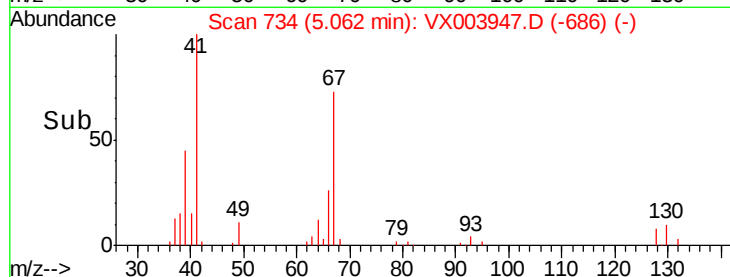
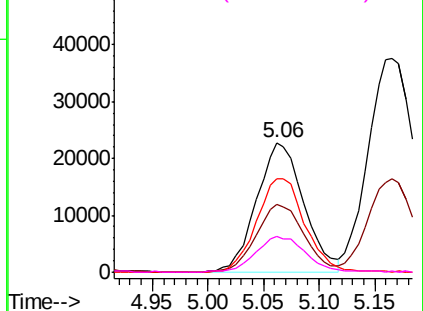
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.7	64.1
67	74.8	58.9	88.3
52	28.1	22.6	33.8

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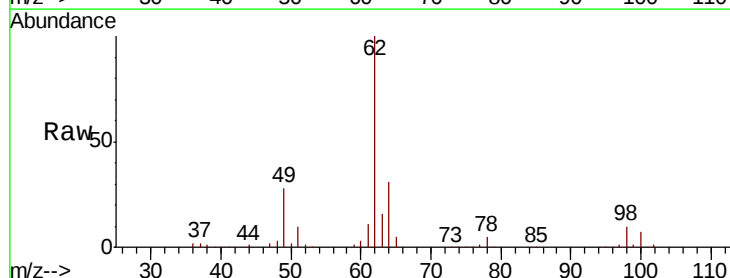


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

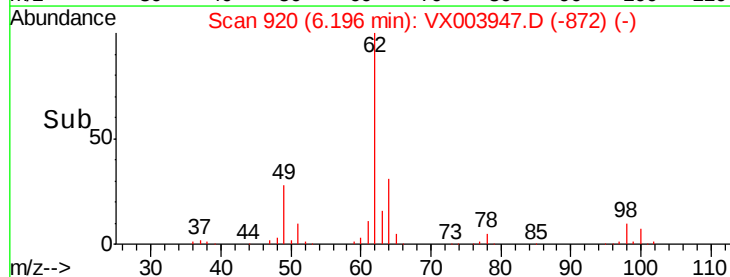
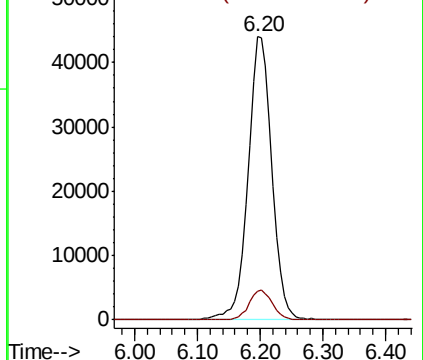


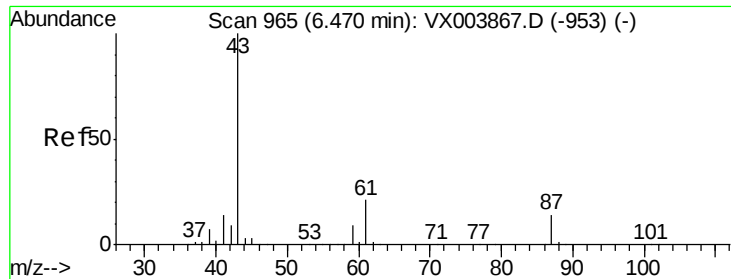
#42
1,2-Dichloroethane
Concen: 20.10 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

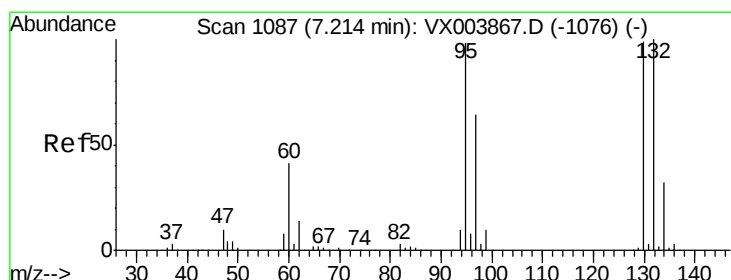
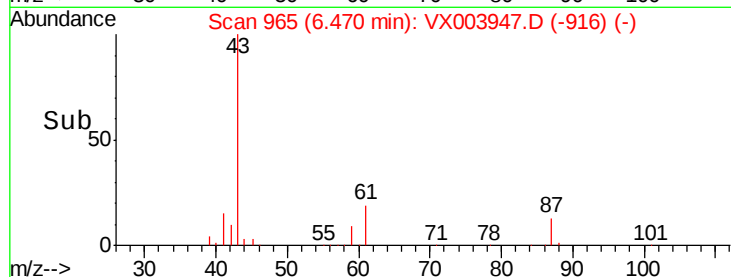
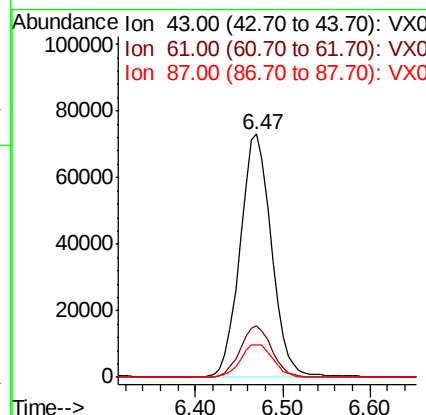
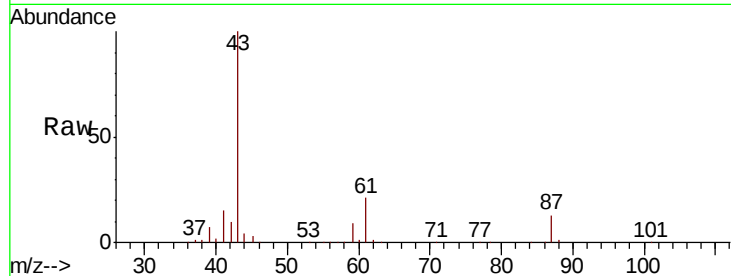
Isopropyl Acetate
 Concen: 19.41 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.9	25.3
87	14.2	11.3	16.9

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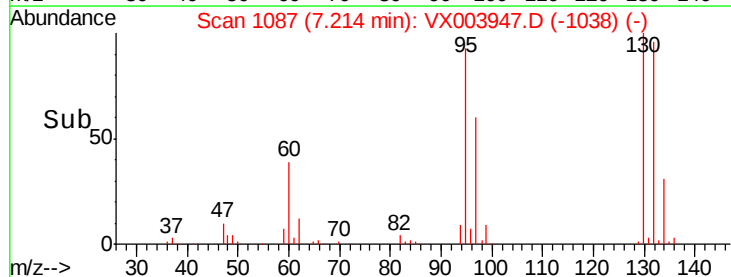
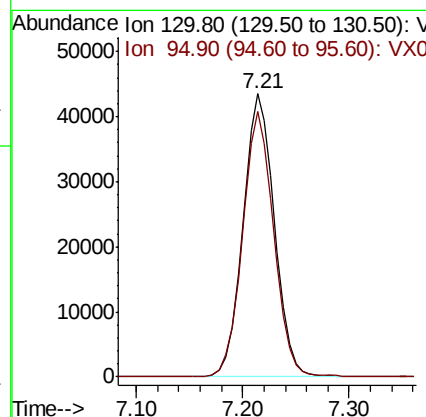
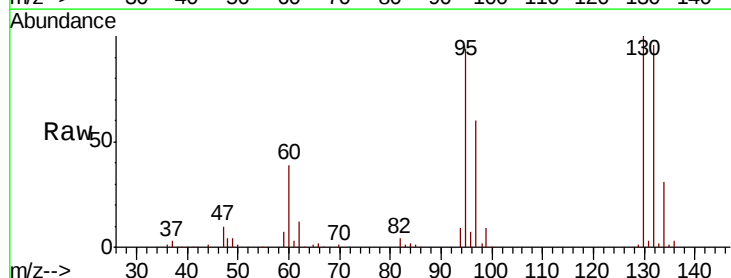
MMDadoda
 8/10/2018 10:56:23 AM

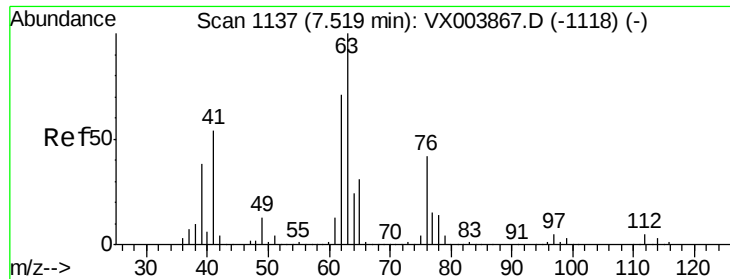


#44

Trichloroethene
 Concen: 19.32 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	199.4





#45

1,2-Dichloropropane

Concen: 19.37 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion: 63 Resp: 84984

Ion Ratio Lower Upper

63 100

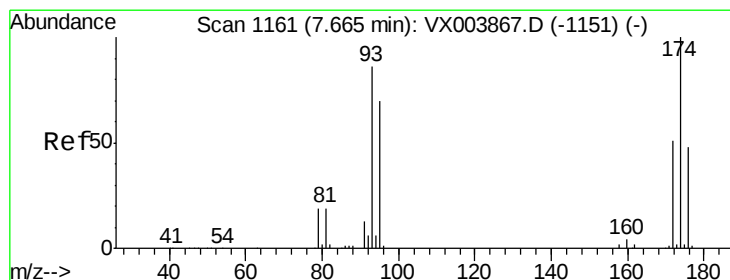
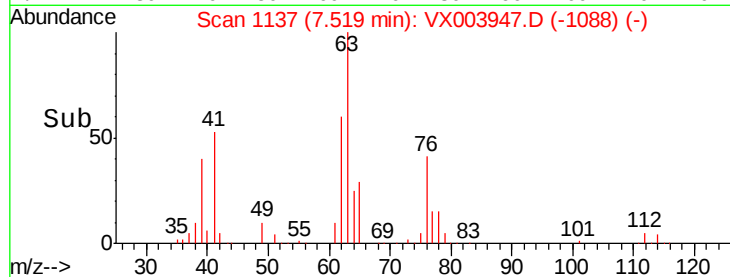
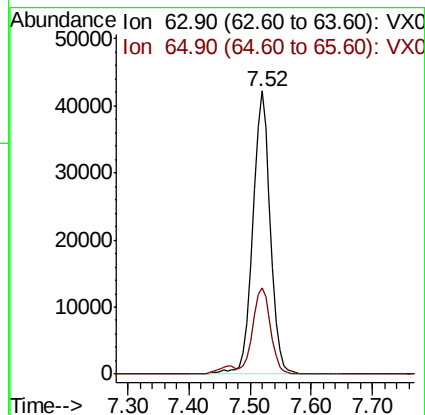
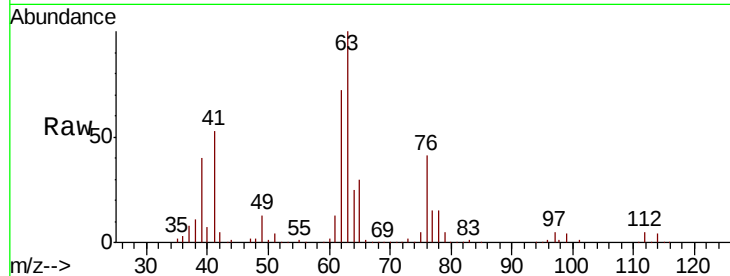
65 30.3 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 19.58 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

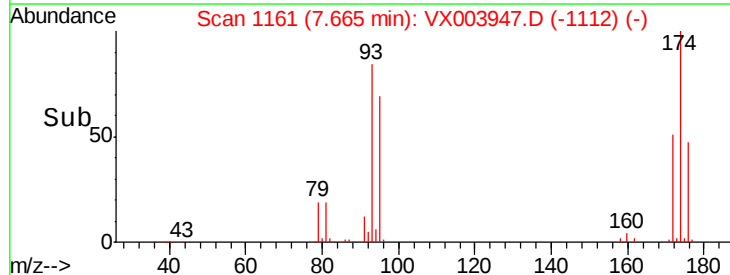
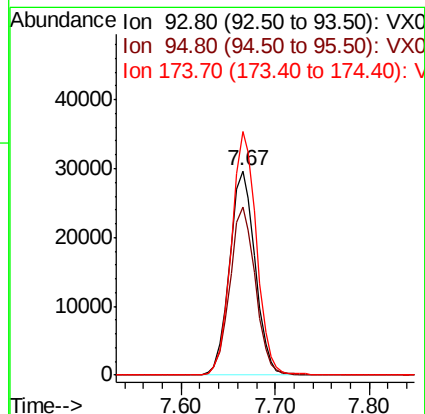
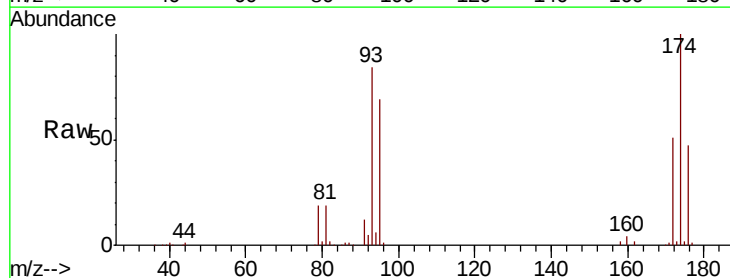
Tgt Ion: 93 Resp: 55783

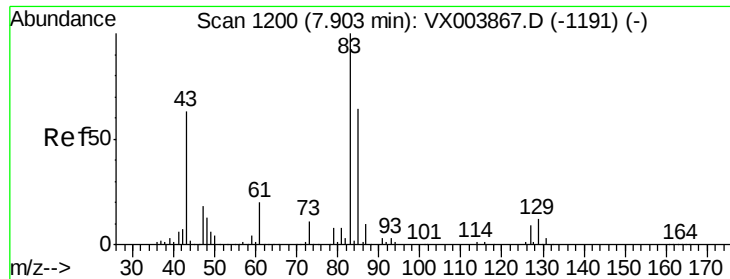
Ion Ratio Lower Upper

93 100

95 82.3 66.4 99.6

174 117.6 94.3 141.5





#47

Bromodichloromethane

Concen: 19.53 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

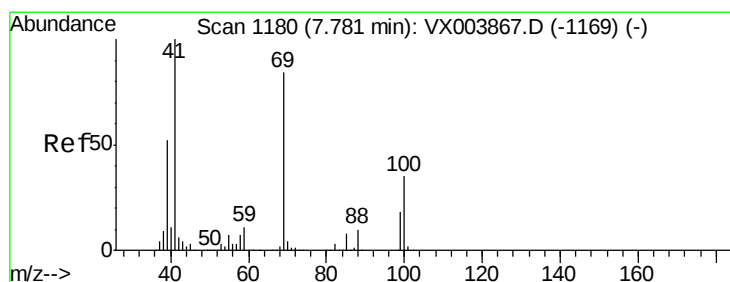
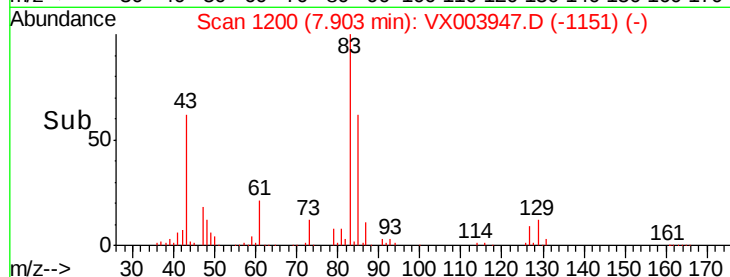
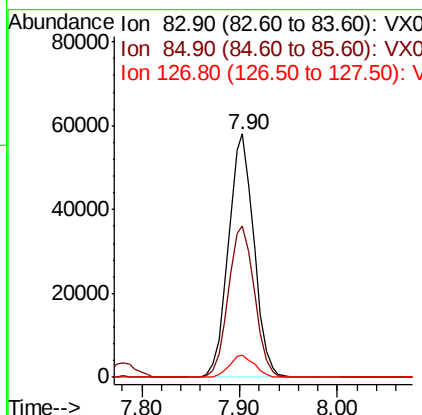
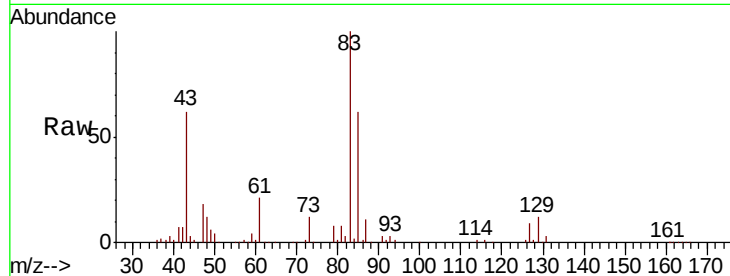
ClientSampleId :

VX0809WBSD01

Tot Ion:	83	Resp:	104834
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.2	76.8
127	9.0	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.45 ug/l

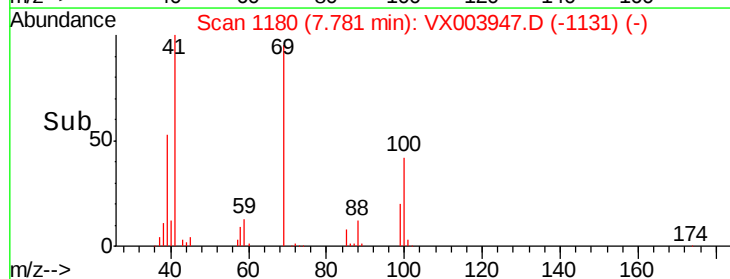
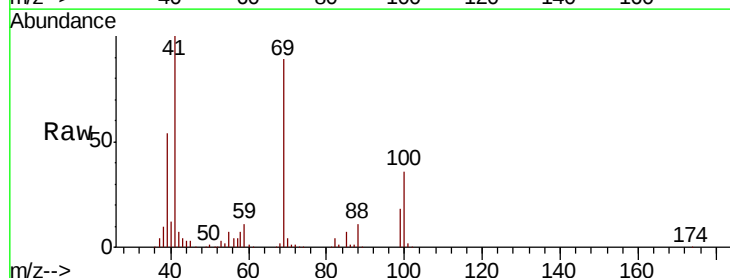
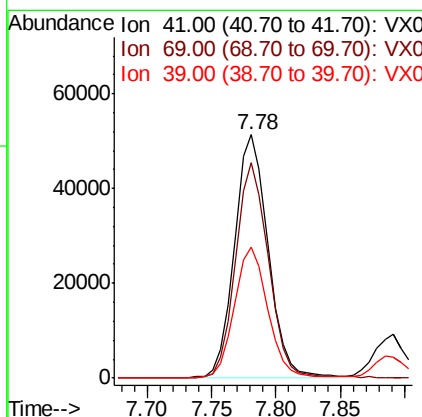
RT: 7.78 min Scan# 1180

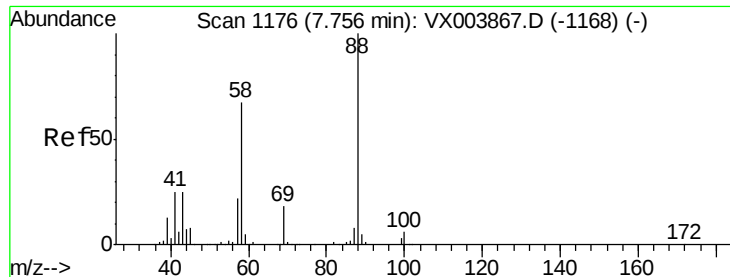
Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Tgt Ion:	41	Resp:	92634
Ion	Ratio	Lower	Upper
41	100		
69	87.8	68.8	103.2
39	53.0	42.3	63.5





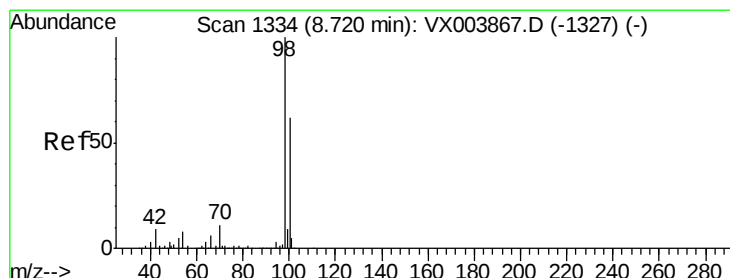
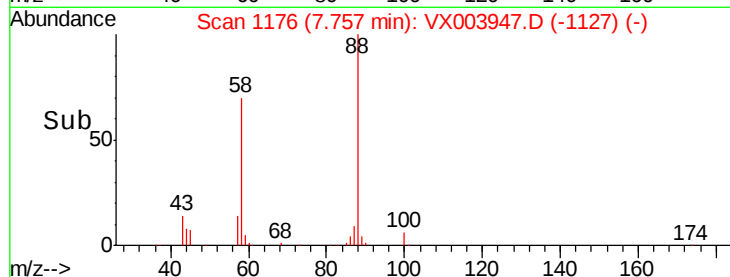
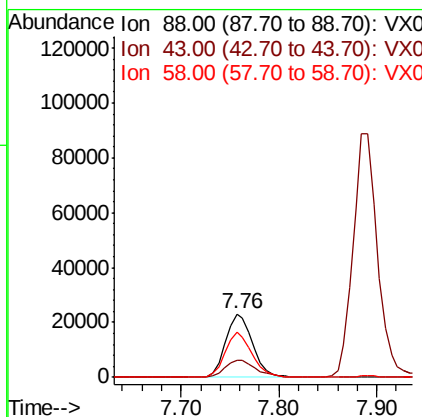
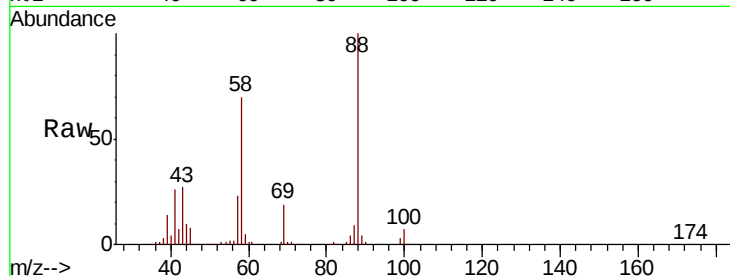
#49
1,4-Dioxane
Concen: 395.37 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	23.8	35.8
58	69.7	55.4	83.0

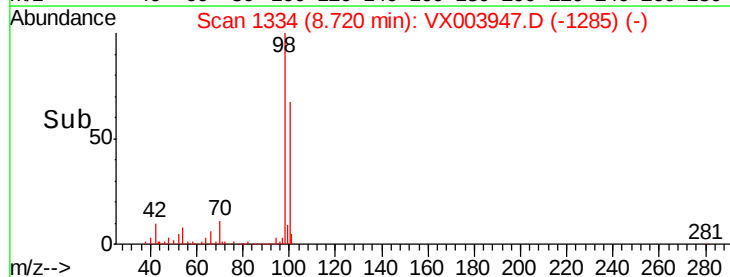
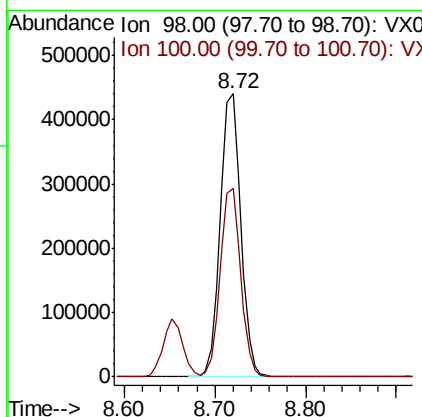
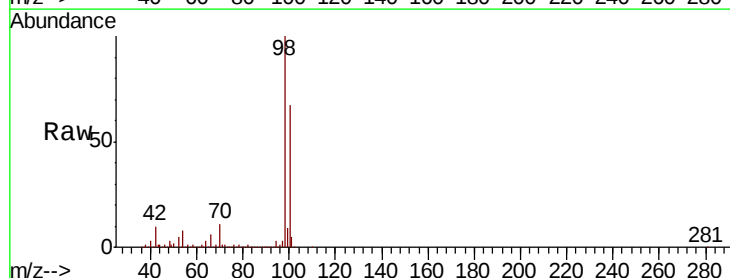
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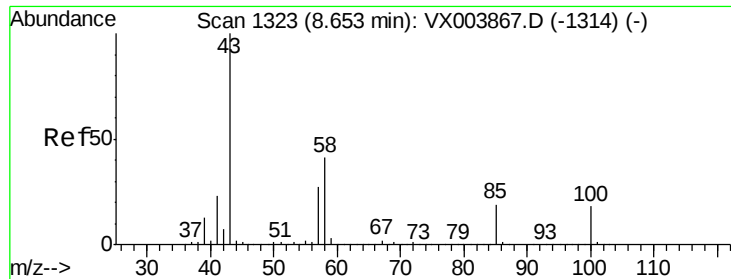
MMDadoda
8/10/2018 10:56:23 AM



#50
Toluene-d8
Concen: 46.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 100.94 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion: 43 Resp: 783746

Ion Ratio Lower Upper

43 100

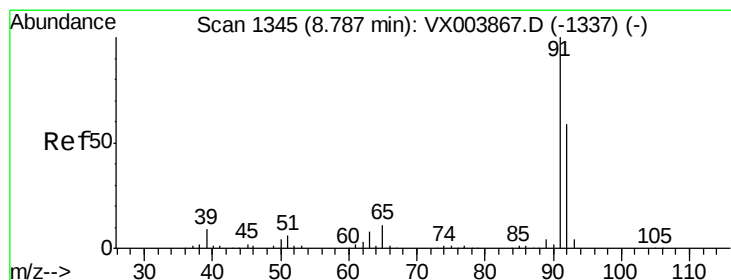
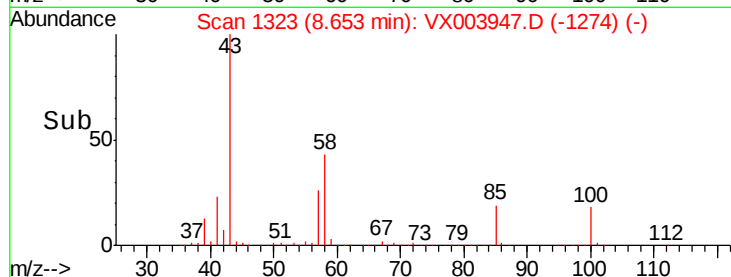
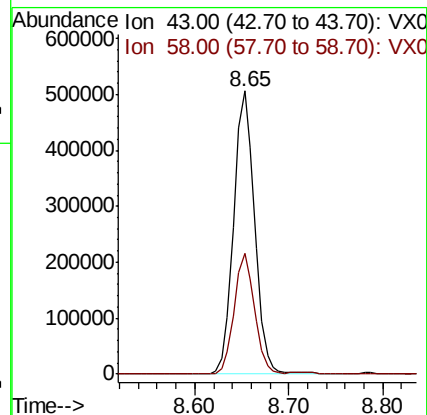
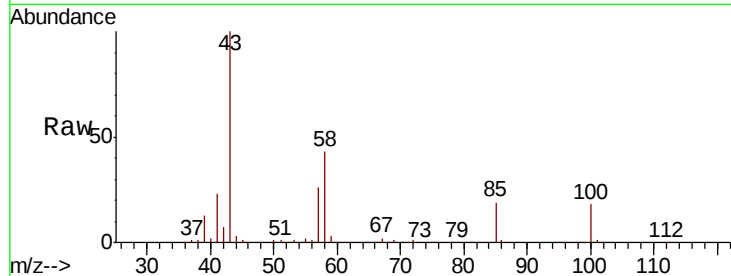
58 41.3 33.0 49.6

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#52

Toluene

Concen: 19.92 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003947.D

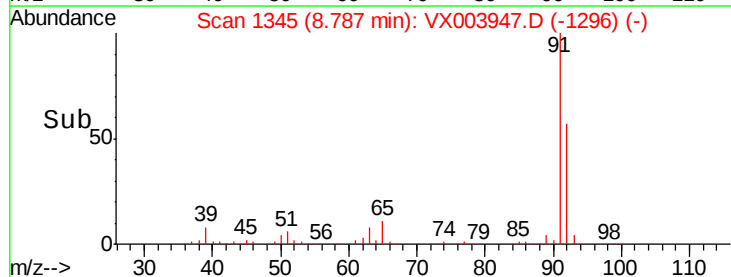
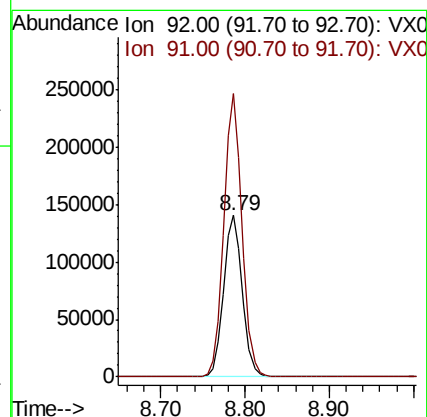
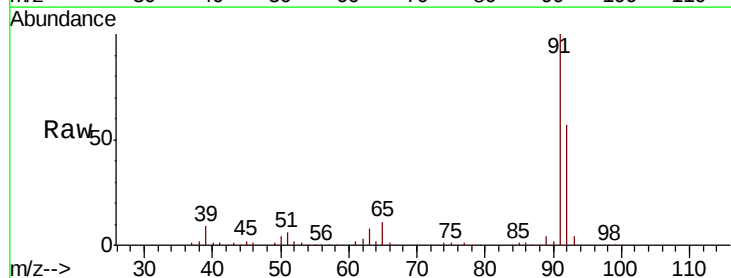
Acq: 09 Aug 2018 13:43

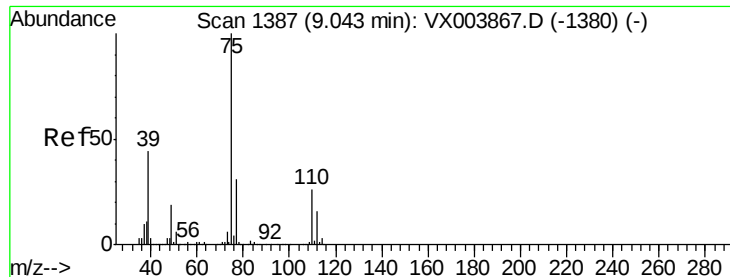
Tgt Ion: 92 Resp: 213887

Ion Ratio Lower Upper

92 100

91 171.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 18.62 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion: 75 Resp: 112965

Ion Ratio Lower Upper

75 100

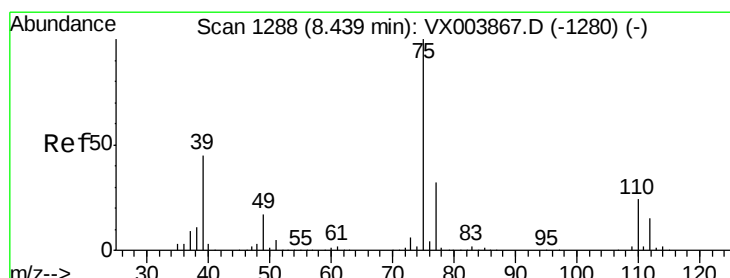
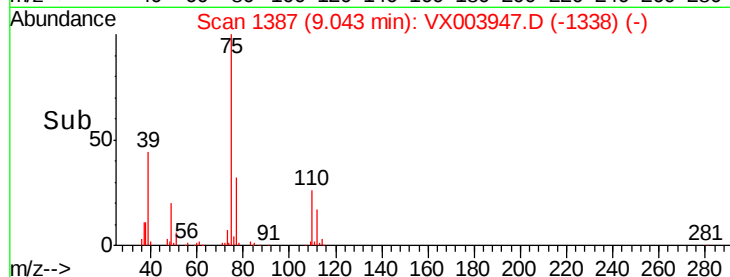
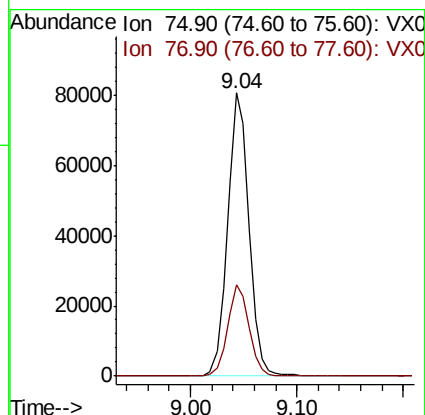
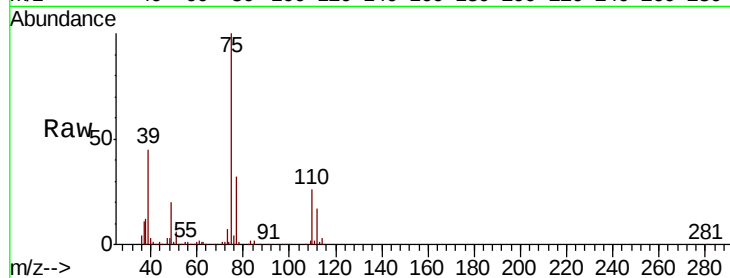
77 32.2 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.47 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

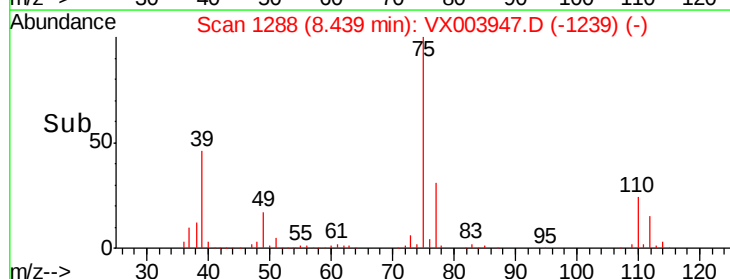
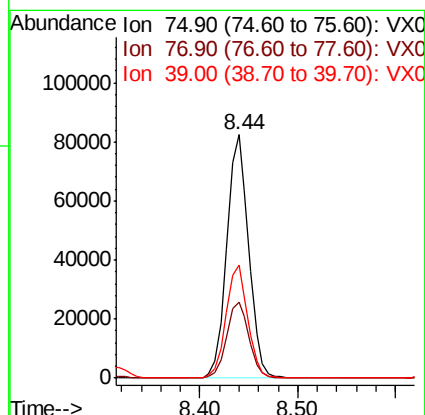
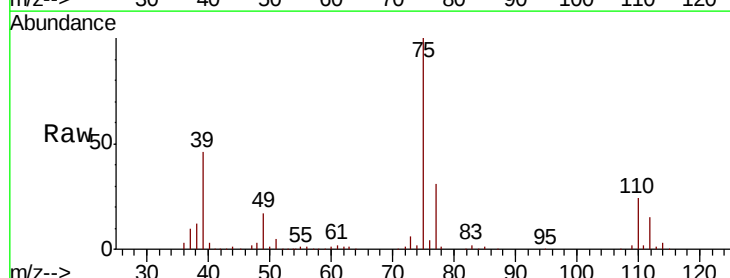
Tgt Ion: 75 Resp: 127327

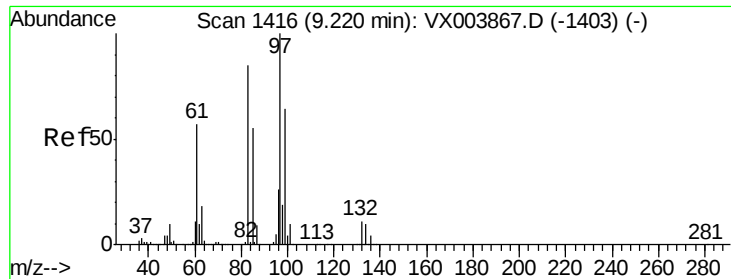
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 46.3 36.2 54.2





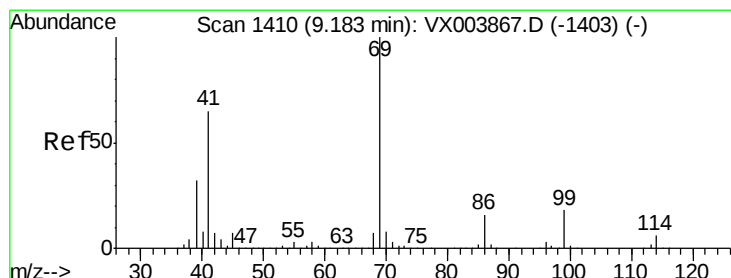
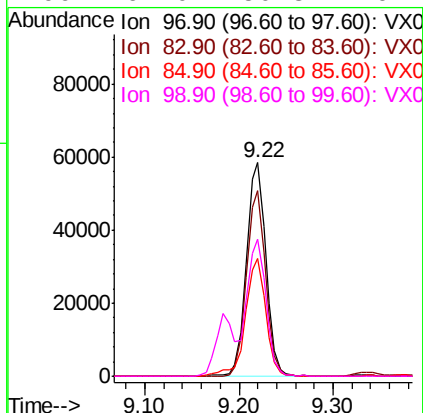
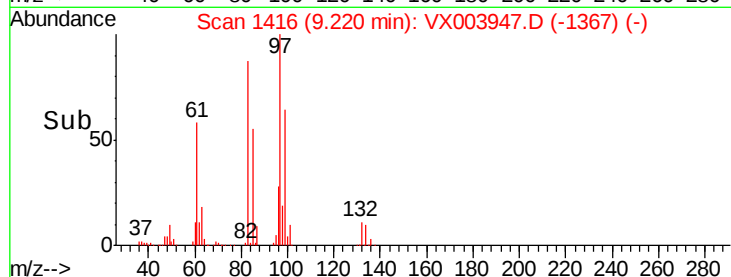
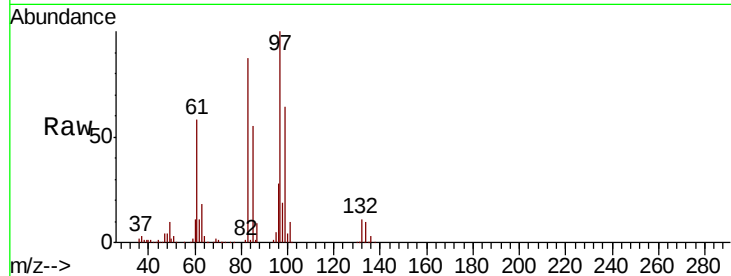
#55
 1,1,2-Trichloroethane
 Concen: 19.34 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion	97	Resp	84855
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.8	101.6
85	54.9	44.2	66.2
99	64.0	50.8	76.2

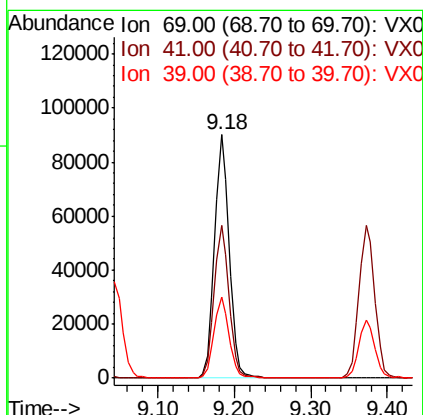
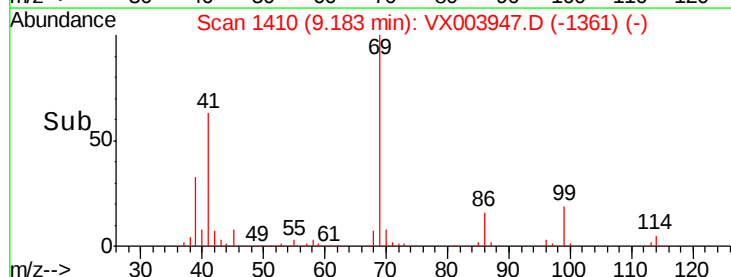
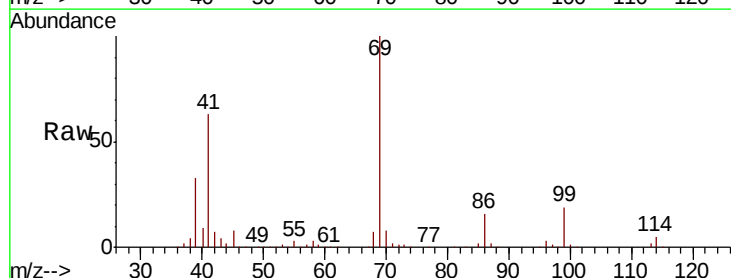
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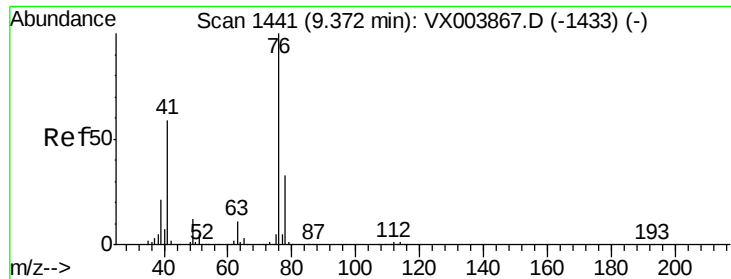
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#56
 Ethyl methacrylate
 Concen: 19.06 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	69	Resp	121332
Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.6	76.0
39	33.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 19.81 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion: 76 Resp: 145498

Ion Ratio Lower Upper

76 100

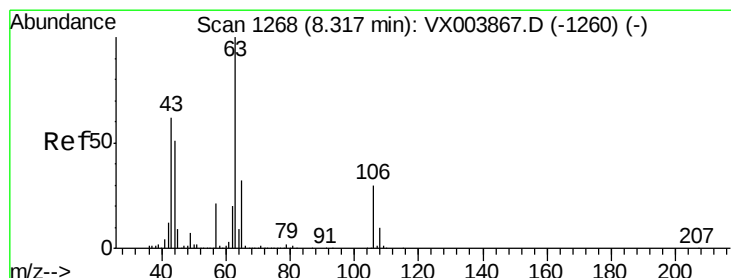
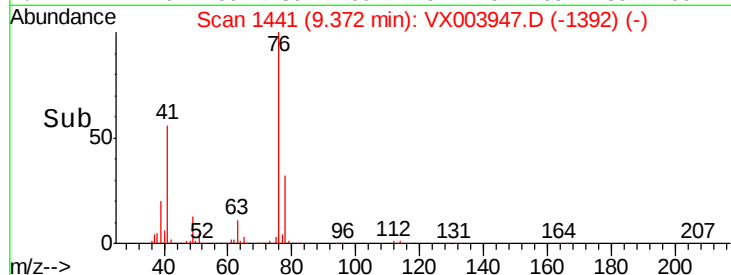
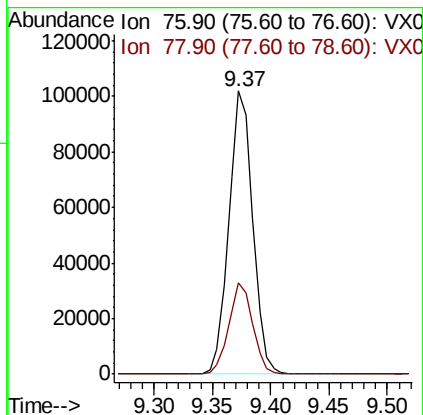
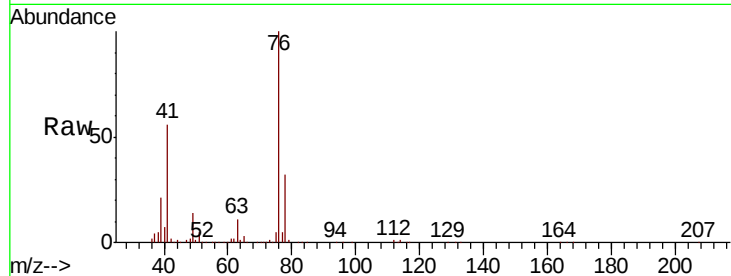
78 32.2 25.9 38.9

Manual Integrations

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8/10/2018 10:56:23 AM



#58

2-Chloroethyl Vinyl ether

Concen: 97.82 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003947.D

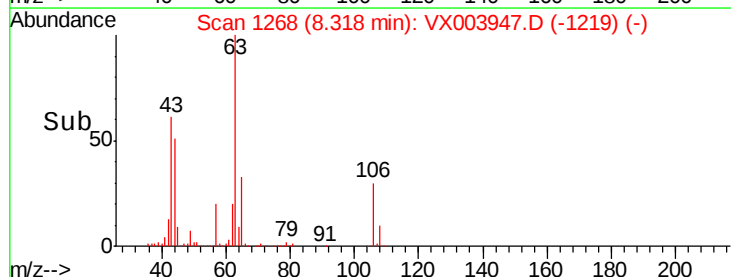
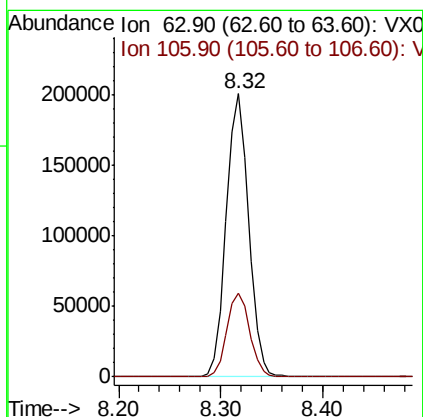
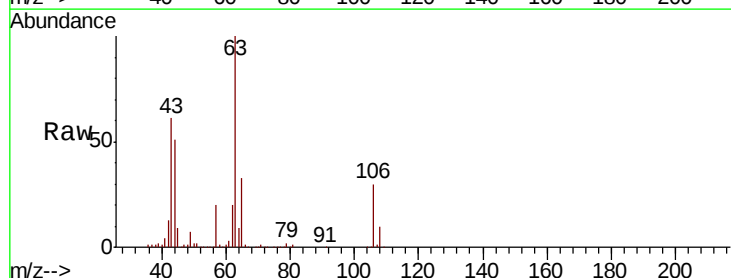
Acq: 09 Aug 2018 13:43

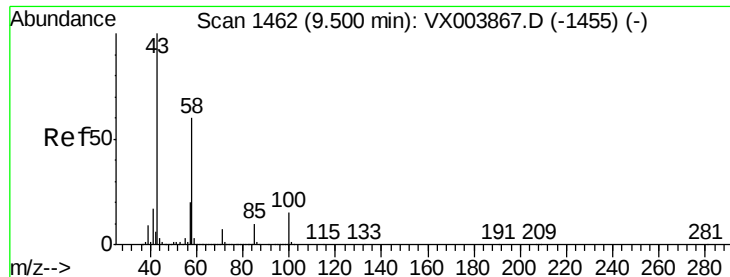
Tgt Ion: 63 Resp: 306197

Ion Ratio Lower Upper

63 100

106 30.0 23.8 35.8





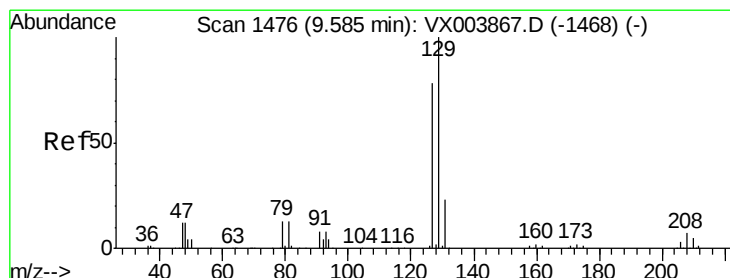
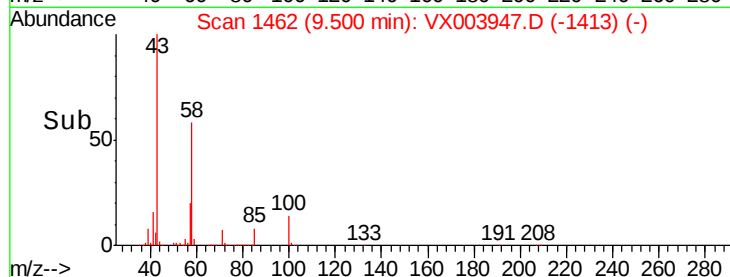
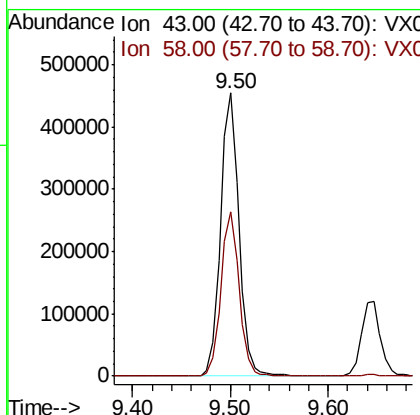
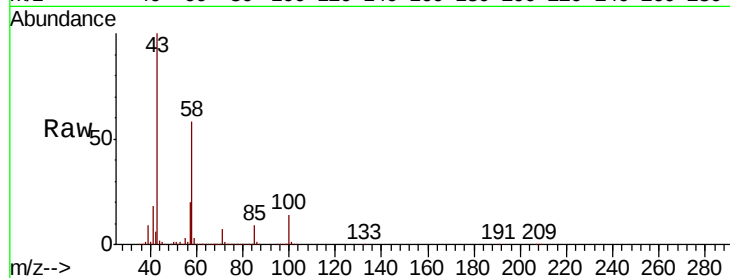
#59
2-Hexanone
Concen: 102.04 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.8	29.0	87.0

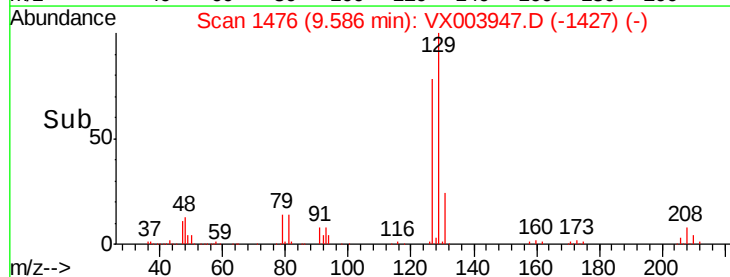
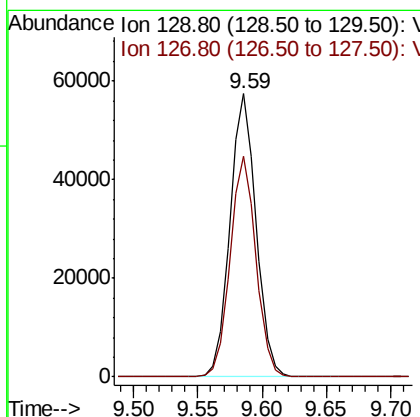
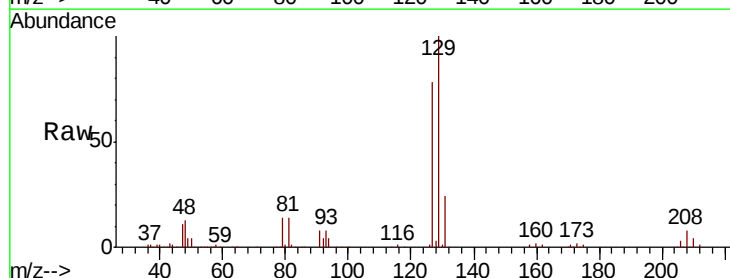
Manual Integrations
APPROVED

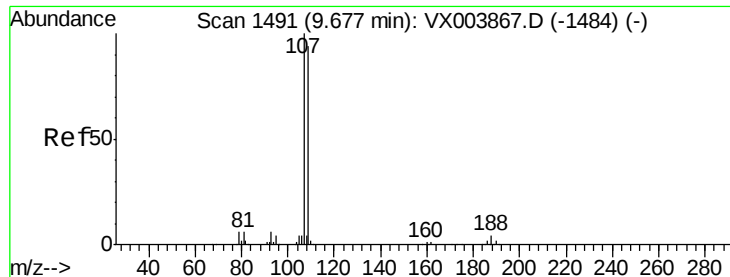
MMDadoda
8/10/2018 10:56:23 AM



#60
Dibromochloromethane
Concen: 19.88 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.8	116.3





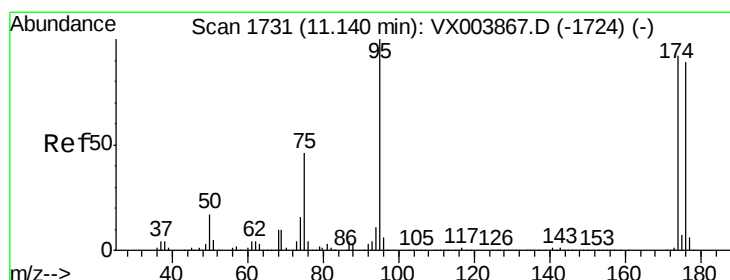
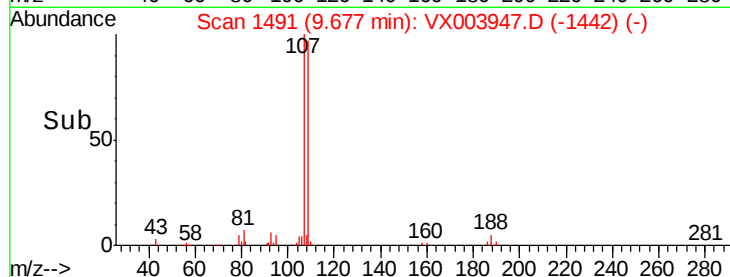
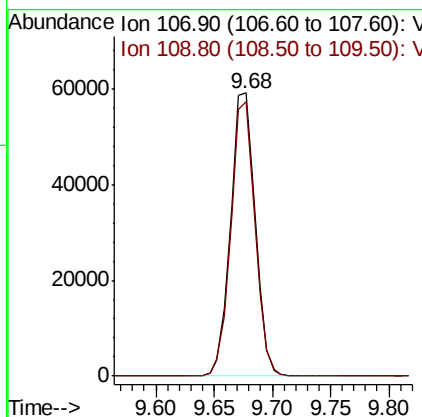
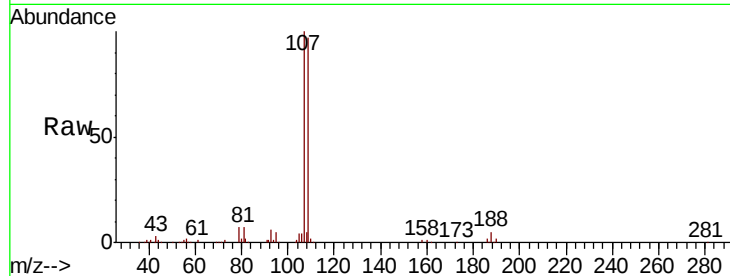
#61
 1,2-Dibromoethane
 Concen: 19.97 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion:107 Resp: 87708
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.8

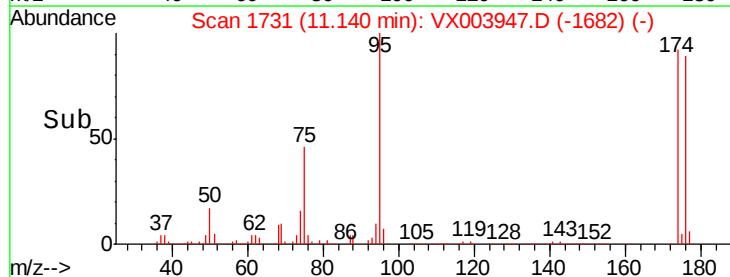
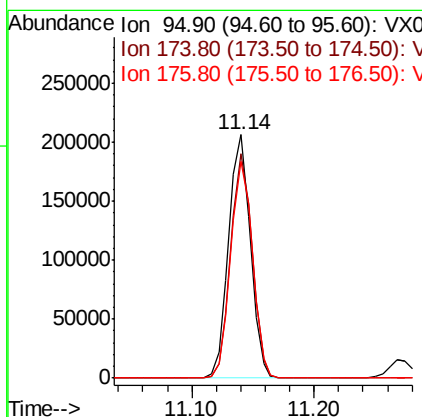
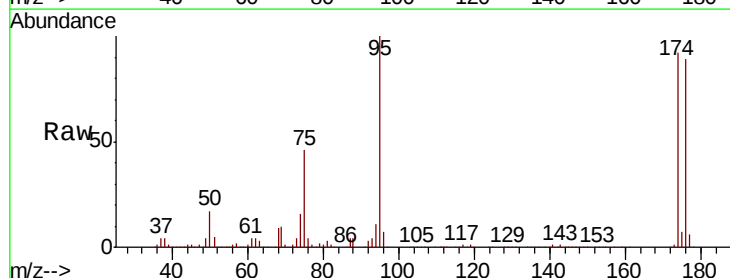
Manual Integrations
 APPROVED

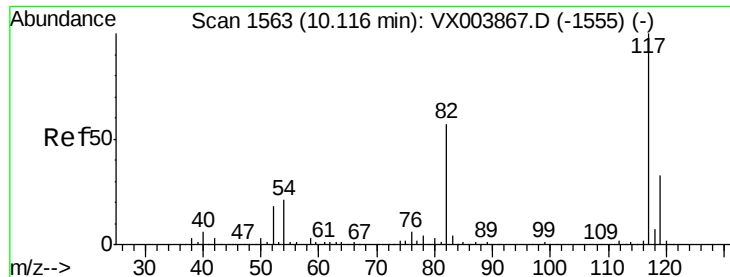
MMDadoda
 8/10/2018 10:56:23 AM



#62
 4-Bromofluorobenzene
 Concen: 52.51 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion: 95 Resp: 252917
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 182.8
 176 89.5 0.0 179.0





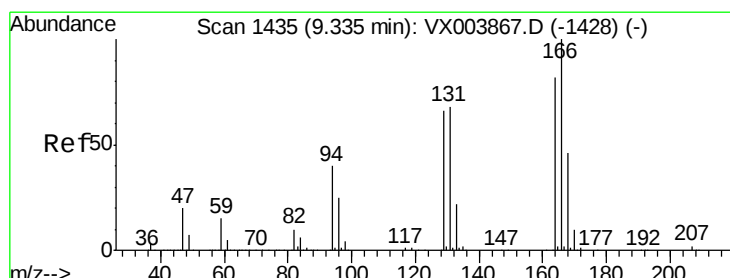
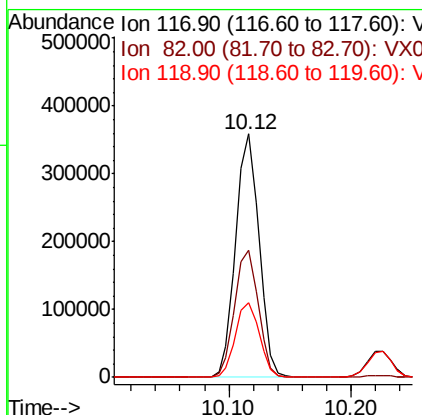
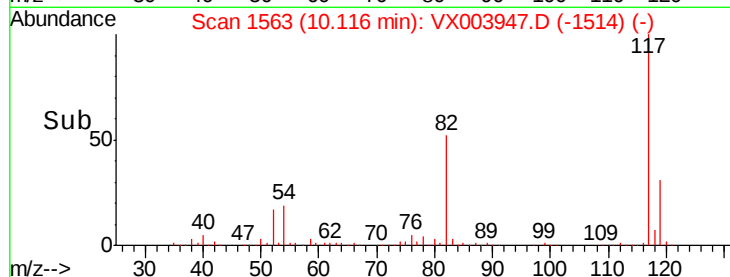
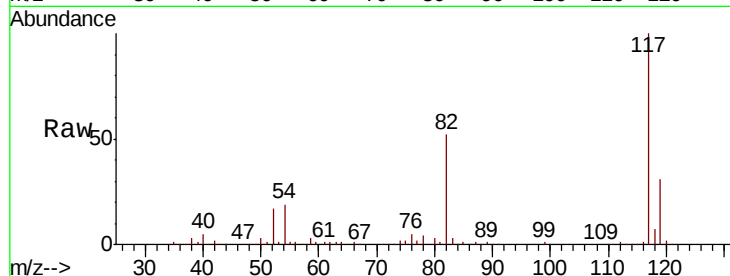
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.4	68.0
119	30.6	26.6	40.0

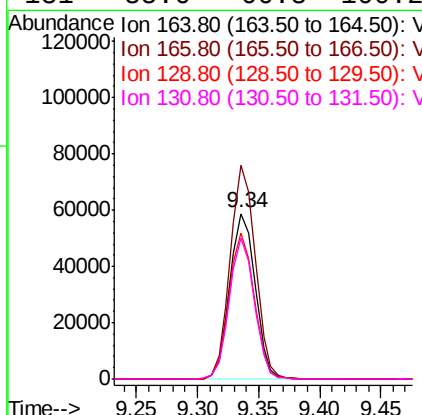
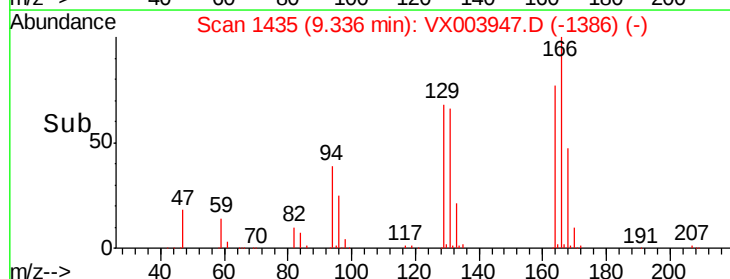
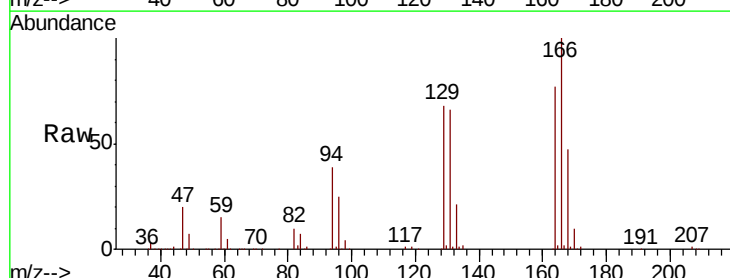
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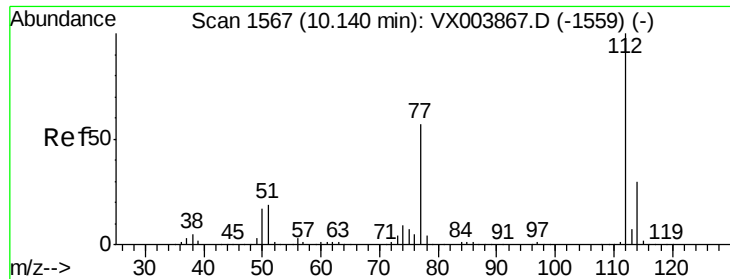
MMDadoda
8/10/2018 10:56:23 AM



#64
Tetrachloroethene
Concen: 18.13 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	98.0	147.0
129	88.2	64.3	96.5
131	85.6	66.8	100.2





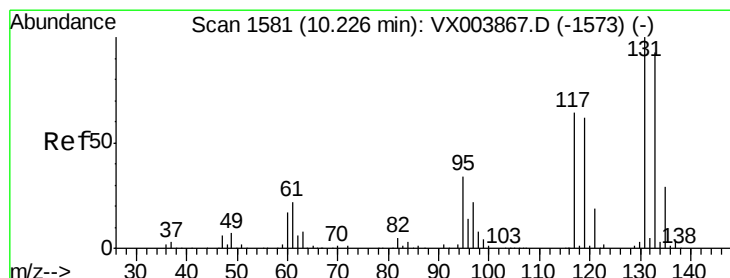
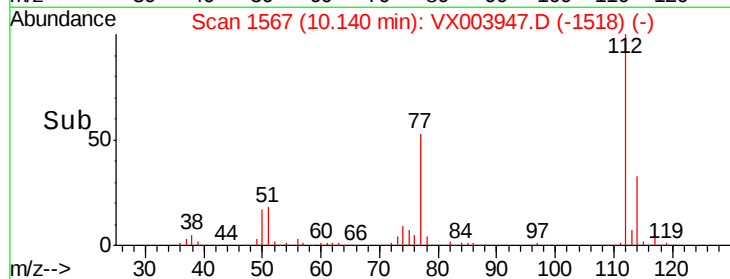
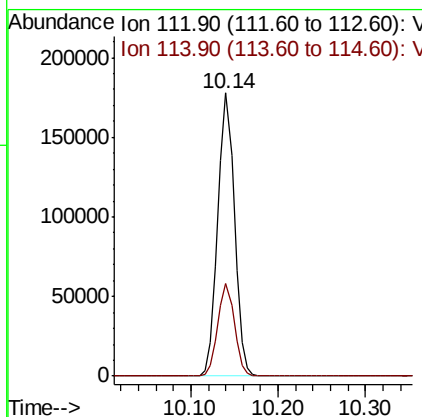
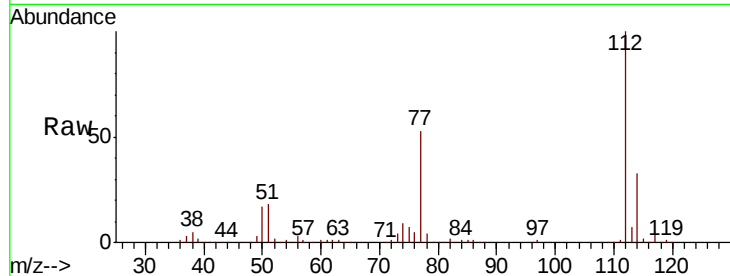
#65
Chlorobenzene
Concen: 19.06 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion:112 Resp: 234992
Ion Ratio Lower Upper
112 100
114 32.7 23.6 35.4

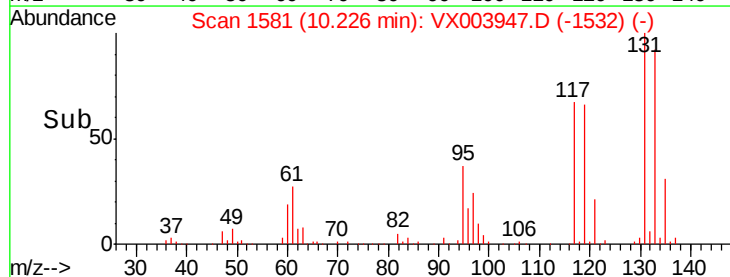
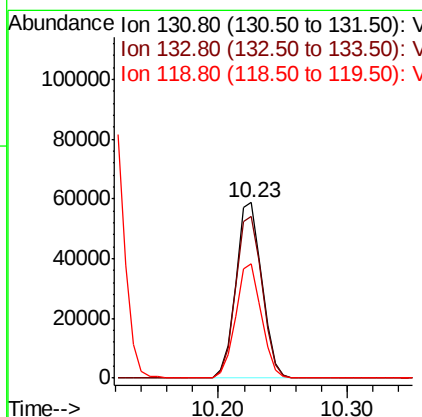
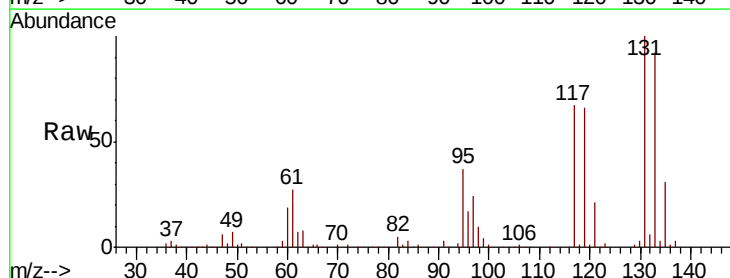
Manual Integrations
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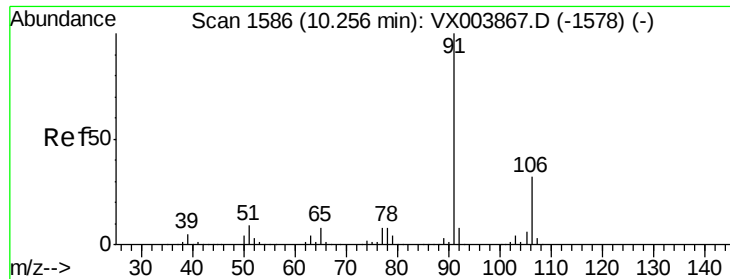
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.50 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion:131 Resp: 82634
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 64.1 31.6 94.8





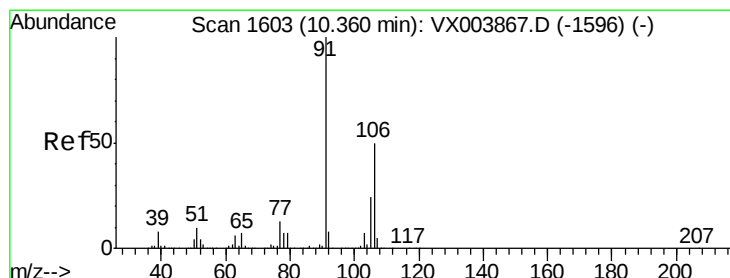
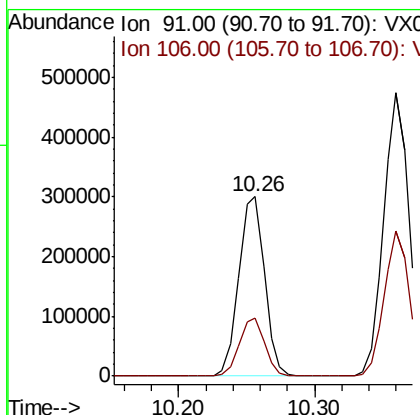
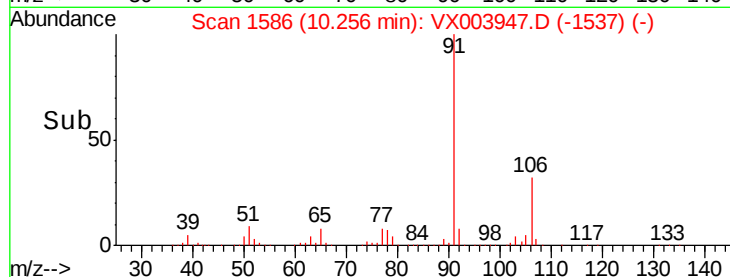
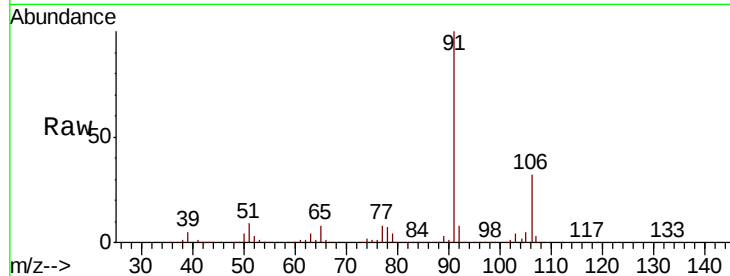
#67
Ethyl Benzene
Concen: 19.62 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion: 91 Resp: 395943
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9

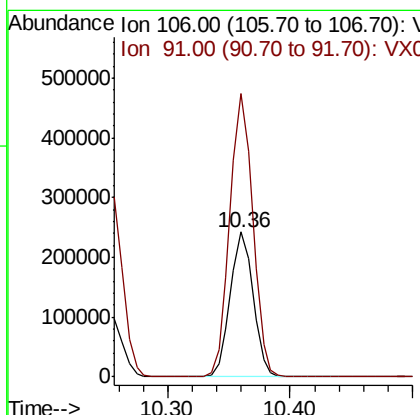
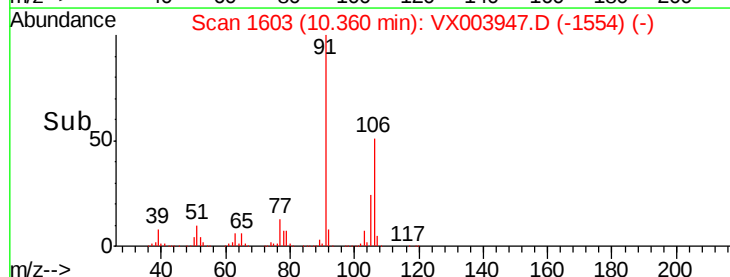
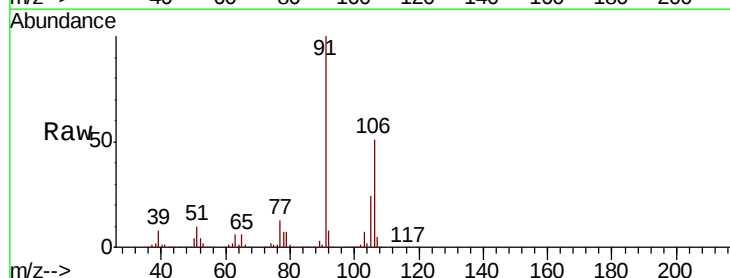
Manual Integrations
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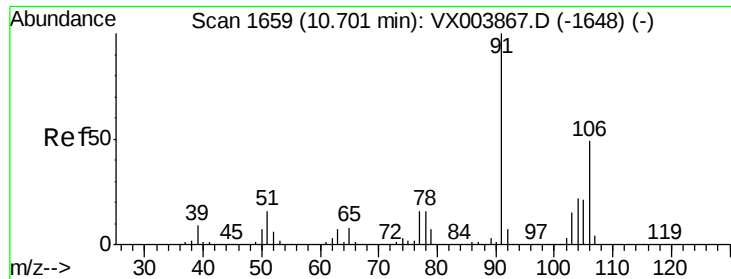
MMDadoda
8/10/2018 10:56:23 AM



#68
m/p-Xylenes
Concen: 39.81 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion: 106 Resp: 313924
Ion Ratio Lower Upper
106 100
91 196.7 162.3 243.5





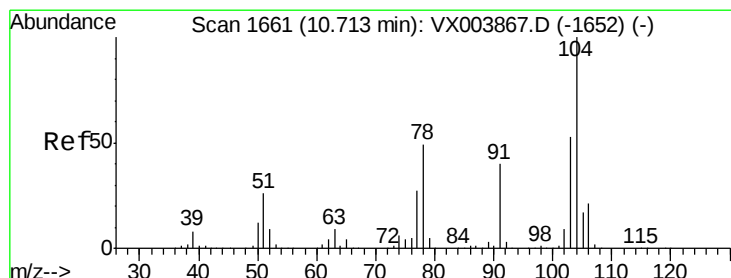
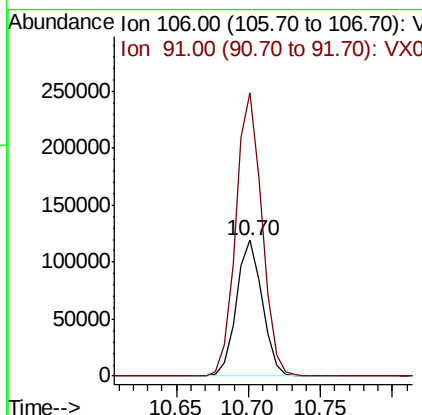
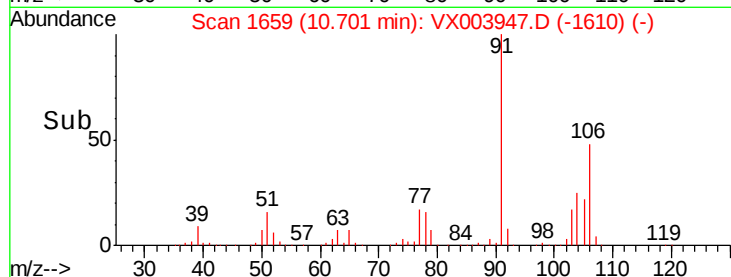
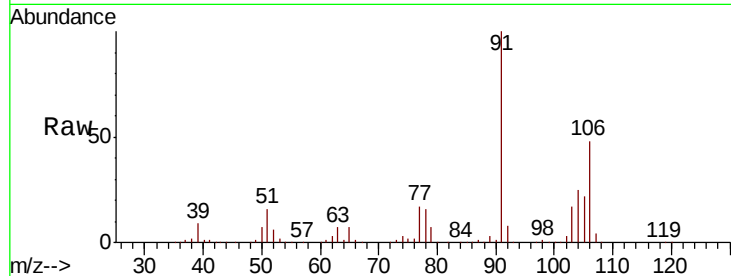
#69
o-Xylene
Concen: 20.17 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion:106 Resp: 150126
Ion Ratio Lower Upper
106 100
91 209.9 101.9 305.7

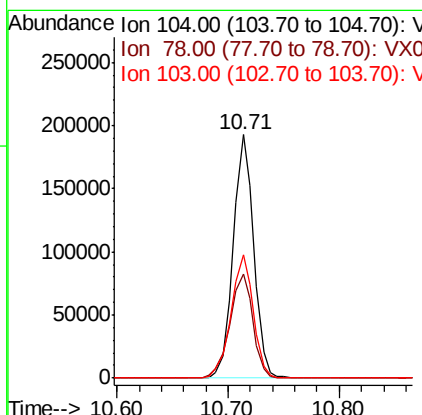
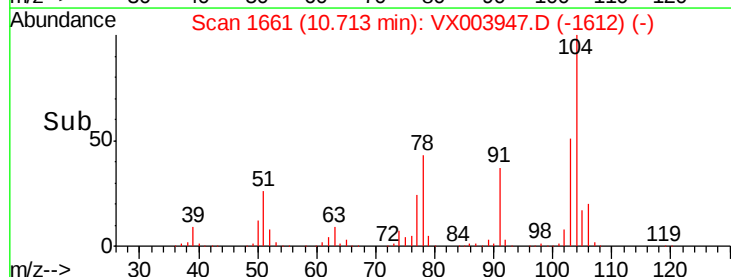
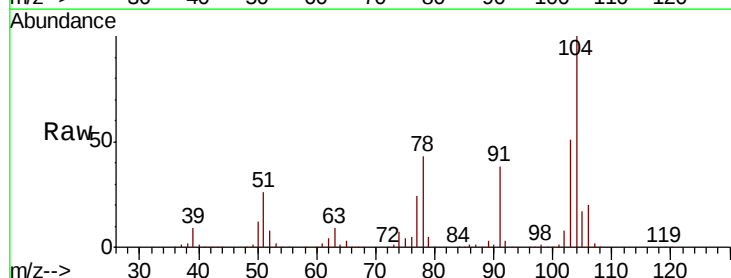
Manual Integrations
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#70
Styrene
Concen: 20.13 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion:104 Resp: 245313
Ion Ratio Lower Upper
104 100
78 48.0 39.8 59.6
103 54.9 44.3 66.5





#71

Bromoform

Concen: 18.90 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

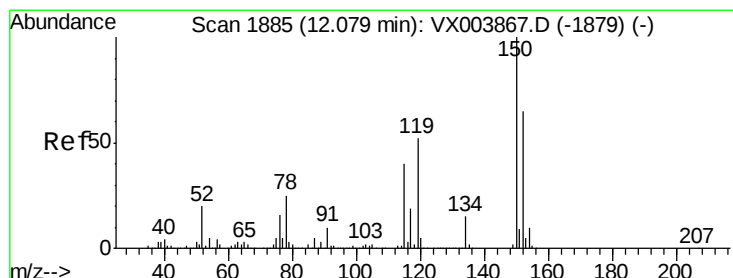
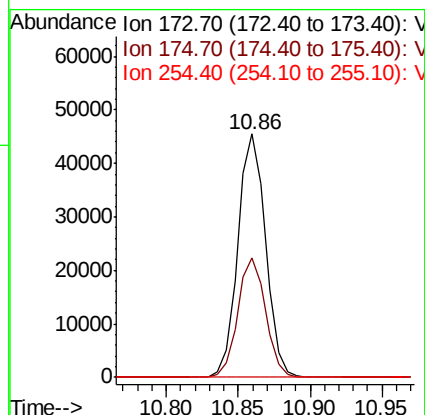
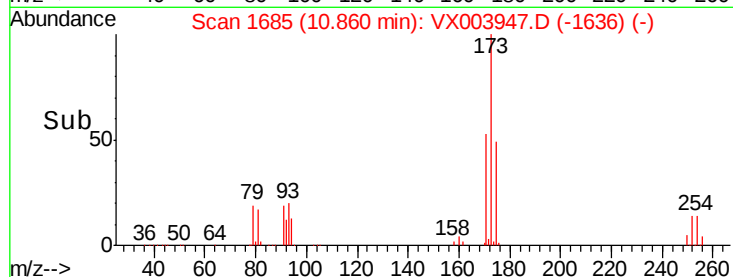
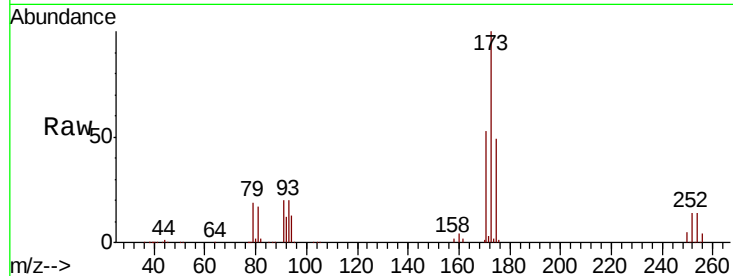
ClientSampleId :

VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.7
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

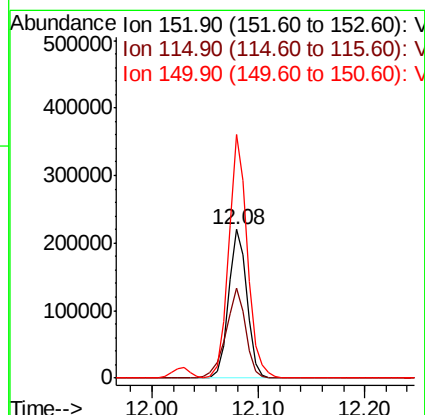
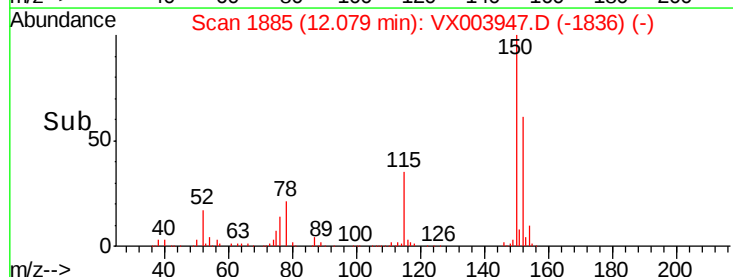
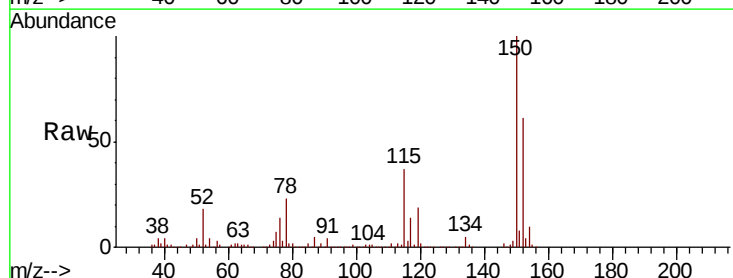
RT: 12.08 min Scan# 1885

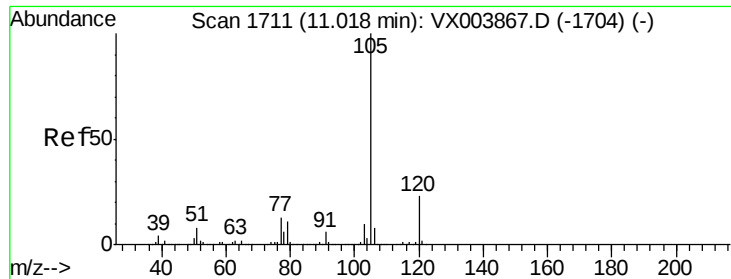
Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	39.1	117.3
150	166.4	0.0	349.2





#73

Isopropylbenzene

Concen: 20.34 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0809WBSD01

Tot Ion: 105 Resp: 398369

Ion Ratio Lower Upper

105 100

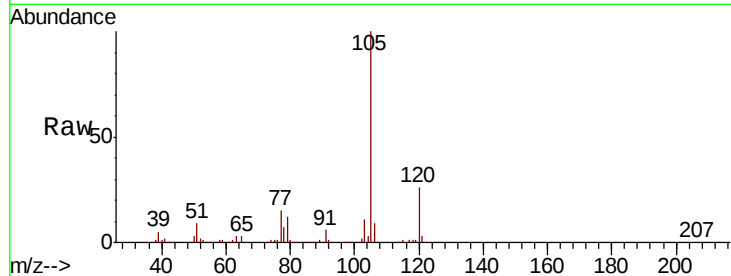
120 26.8 12.6 37.8

Manual Integrations

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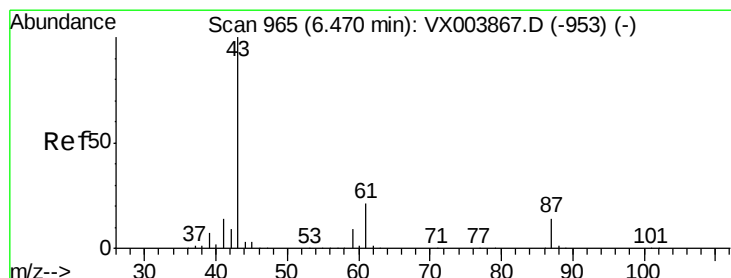
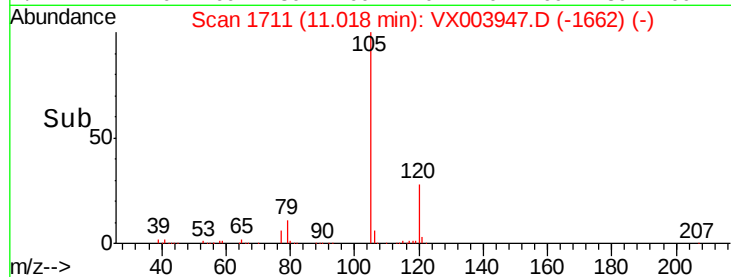
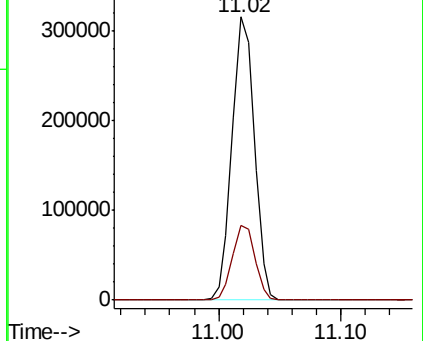
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Tgt Ion: 43 Resp: 181807

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.1 0.1#

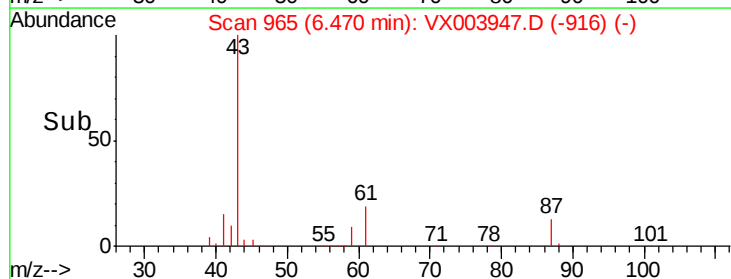
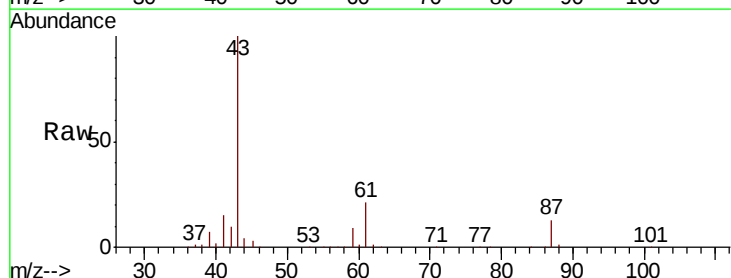
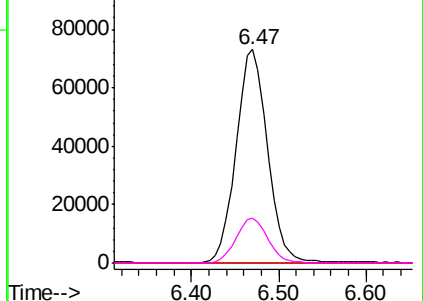
61 21.4 16.9 25.3

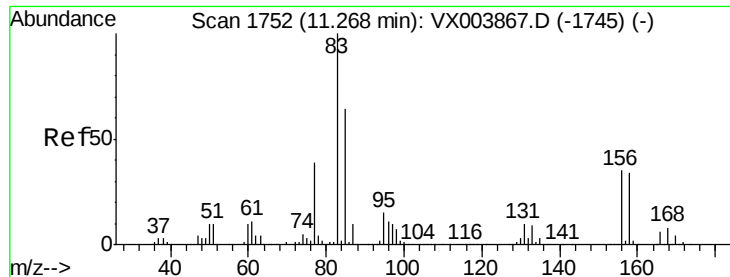
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





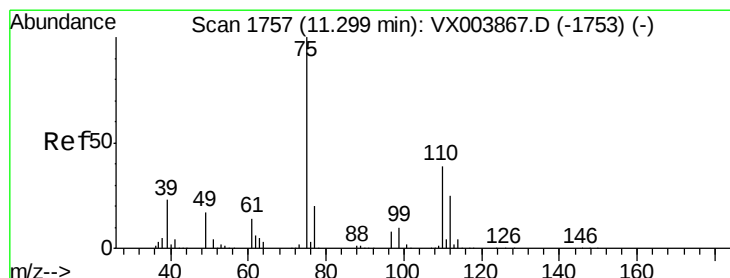
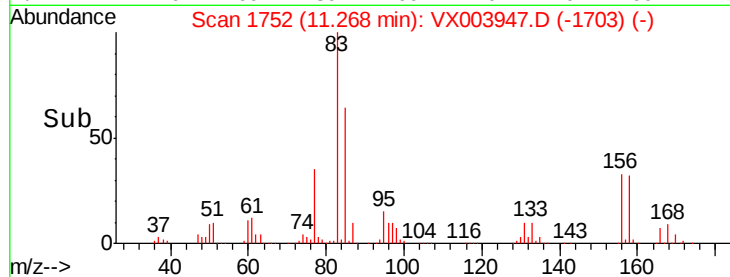
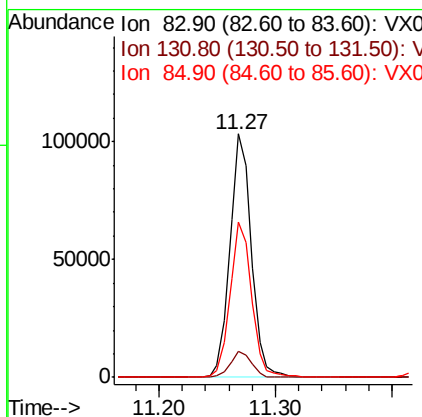
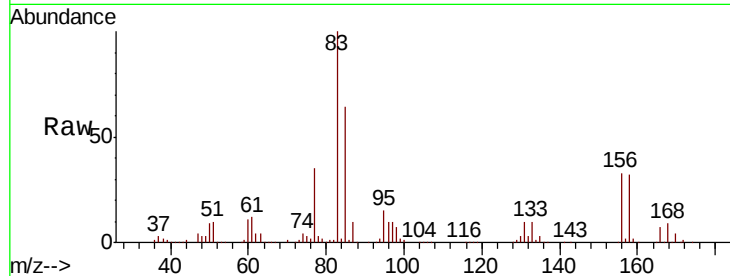
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.69 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.7	5.2	15.6	
85	64.2	32.2	96.6	

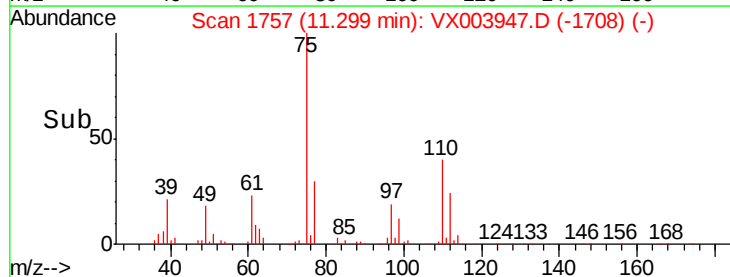
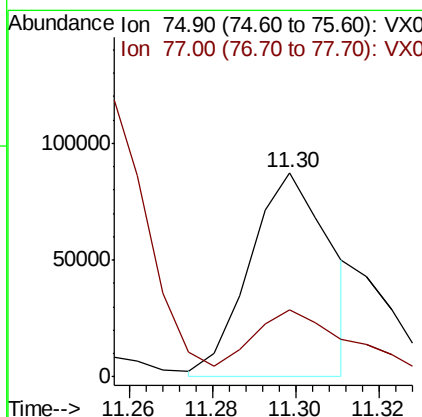
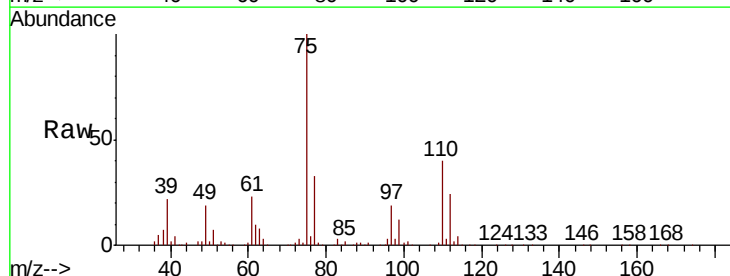
Manual Integrations
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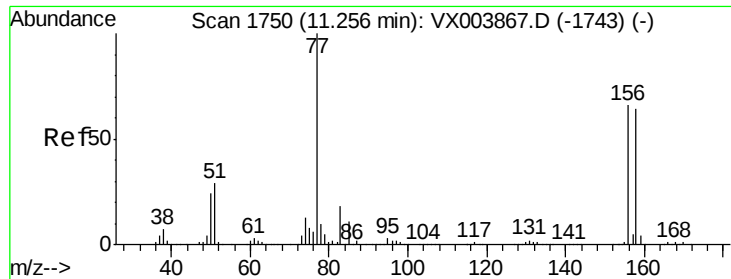
MMDadoda
 8/10/2018 10:56:23 AM



#76
 1,2,3-Trichloropropane
 Concen: 20.14 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	41.0	20.8	62.5	





#77

Bromobenzene

Concen: 19.89 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

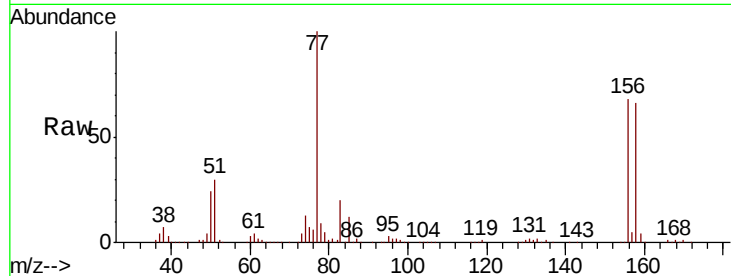
ClientSampleId :

VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.4	74.1	222.2
158	98.2	48.6	145.9

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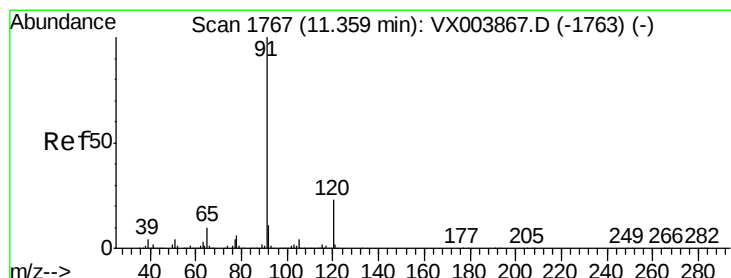
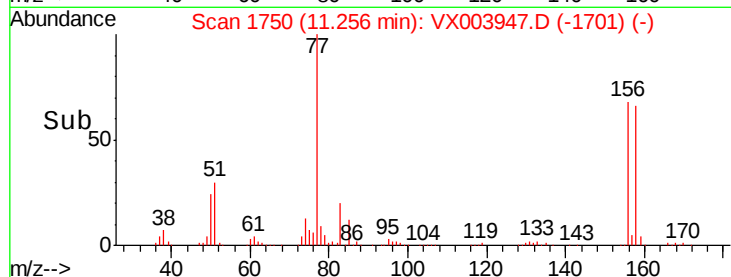
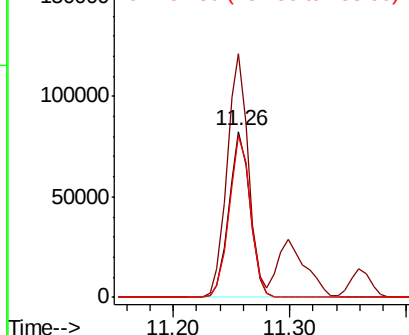


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.42 ug/l

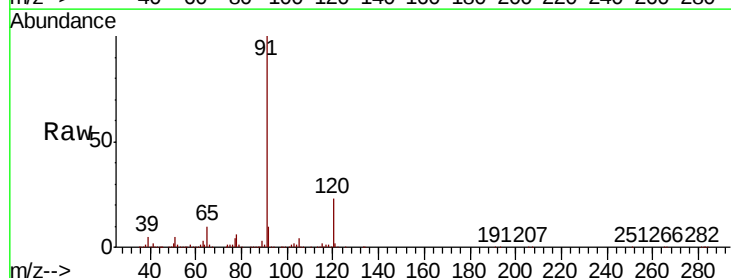
RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

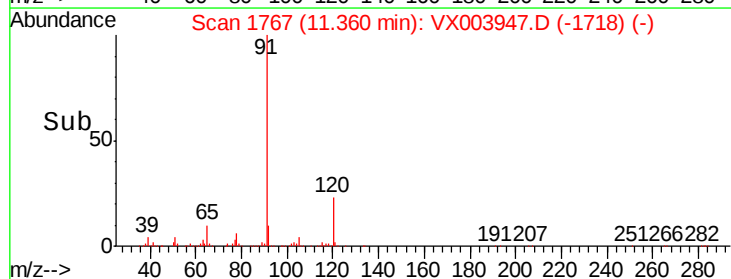
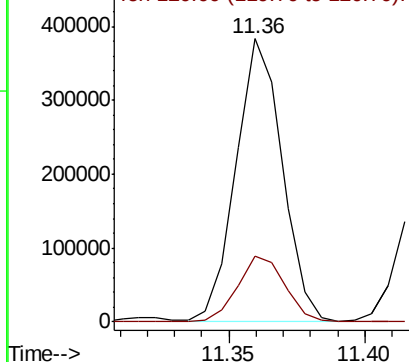
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.9	35.5

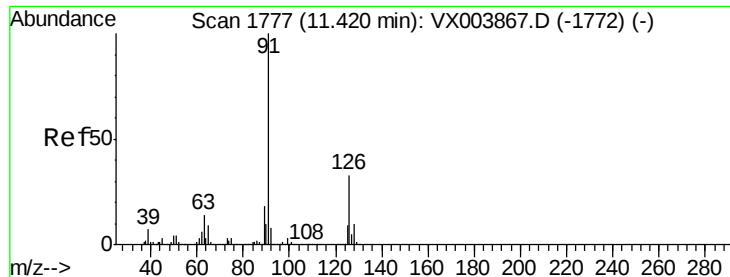


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.20 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0809WBSD01

Tot Ion: 91 Resp: 270818

Ion Ratio Lower Upper

91 100

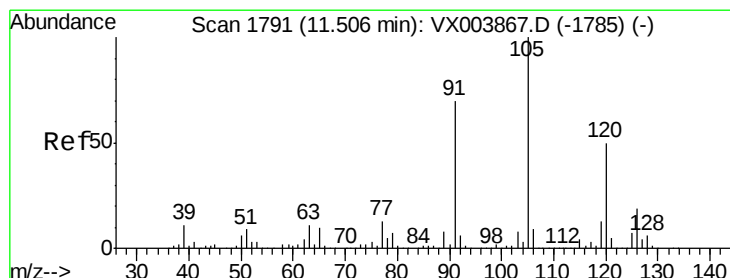
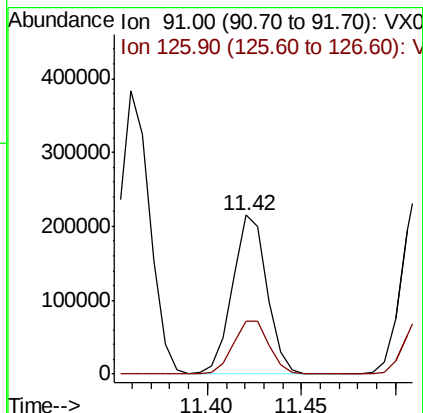
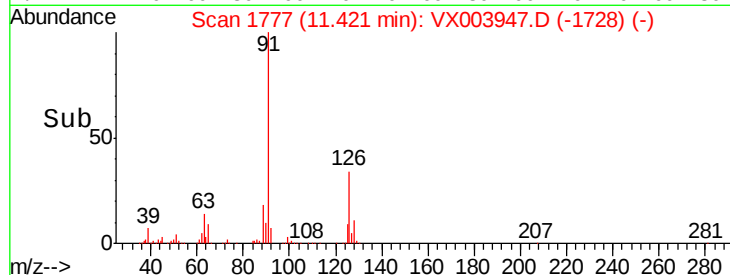
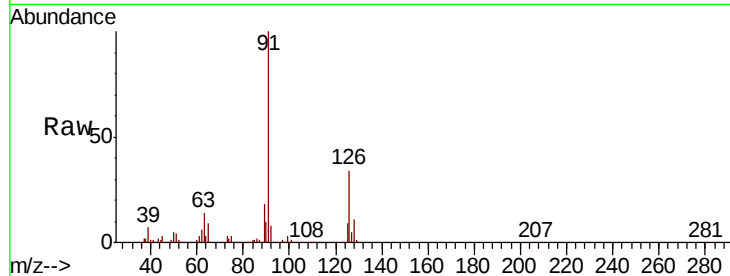
126 35.0 17.4 52.3

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#80

1,3,5-Trimethylbenzene

Concen: 20.39 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003947.D

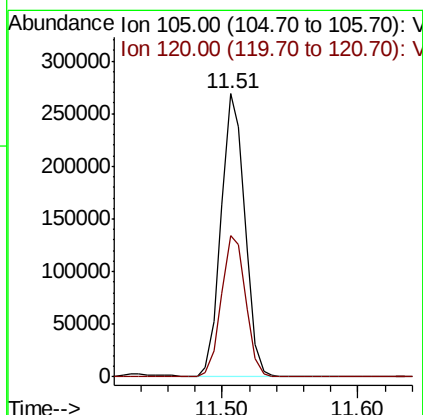
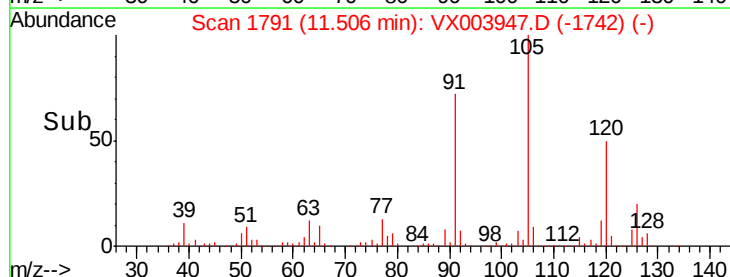
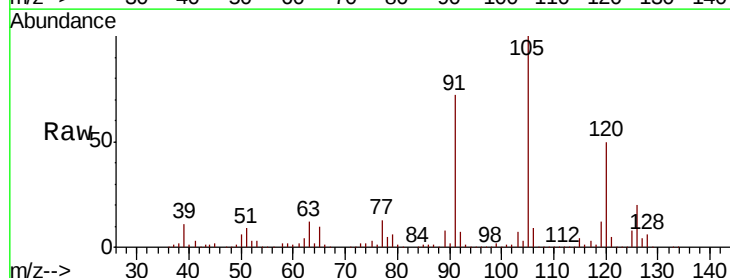
Acq: 09 Aug 2018 13:43

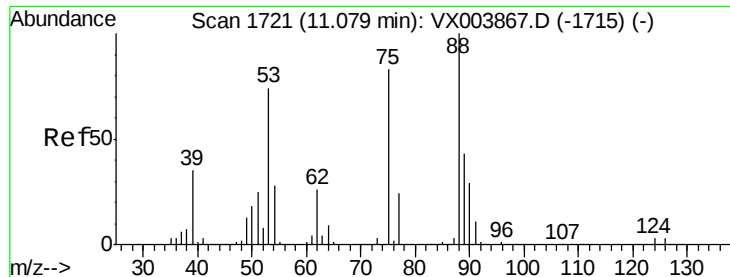
Tgt Ion: 105 Resp: 325620

Ion Ratio Lower Upper

105 100

120 51.0 25.4 76.2





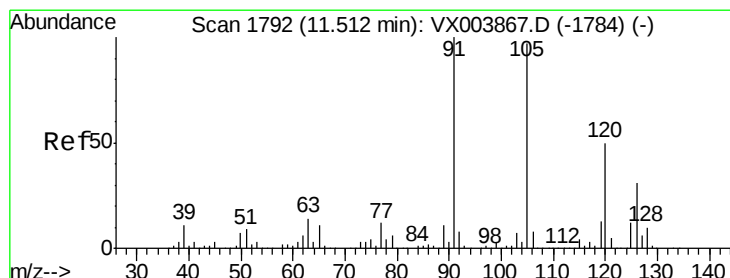
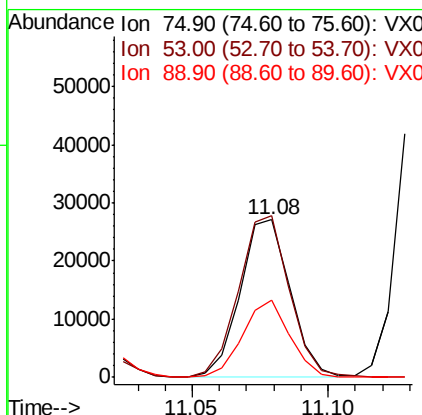
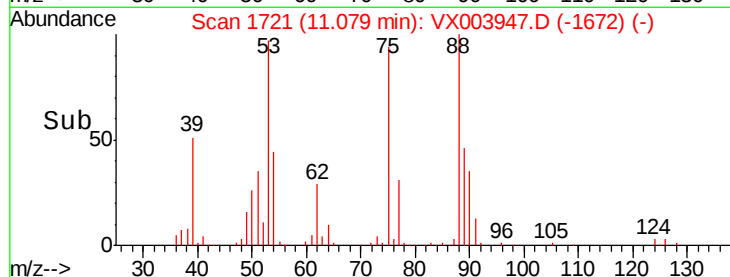
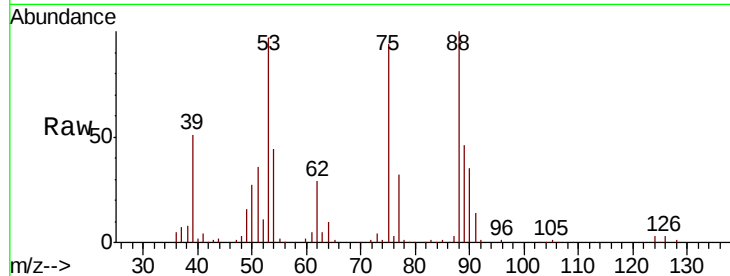
#81
trans-1,4-Dichloro-2-butene
Concen: 17.48 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.9	80.3	120.5
89	46.6	37.8	56.8

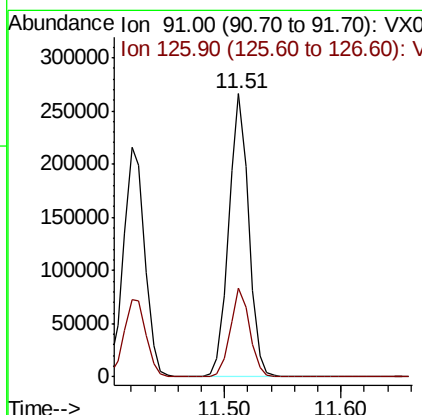
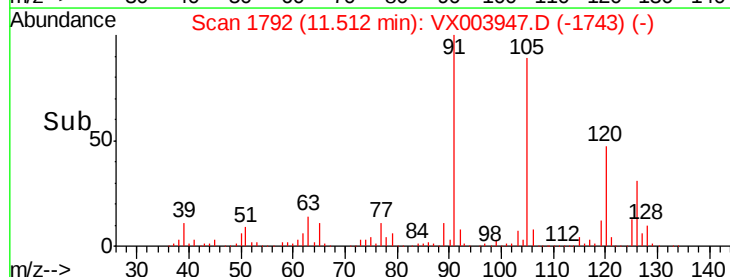
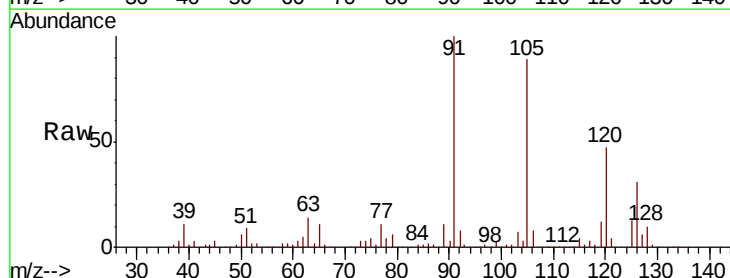
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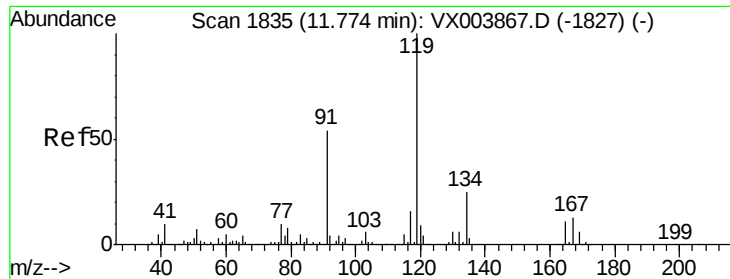
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#82
4-Chlorotoluene
Concen: 20.06 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.7





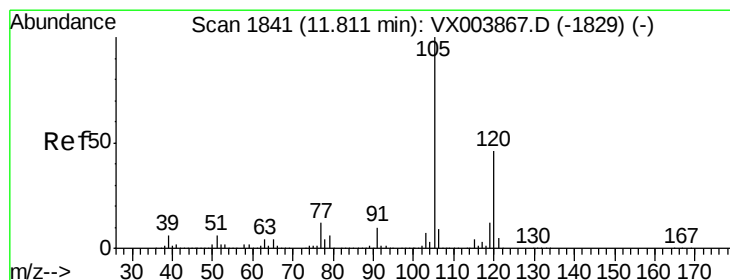
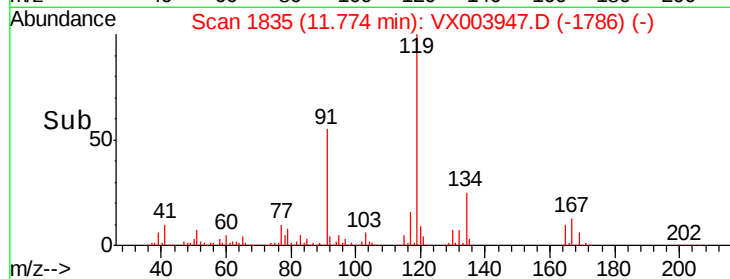
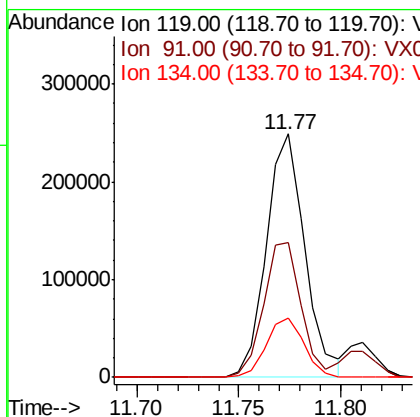
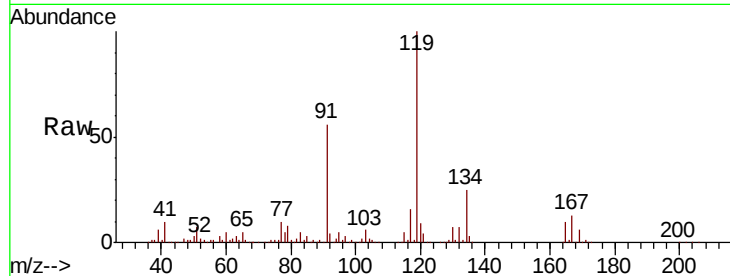
#83
 tert-Butylbenzene
 Concen: 20.82 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	327001		
91	53.9		26.9	80.7
134	24.1		12.0	36.0

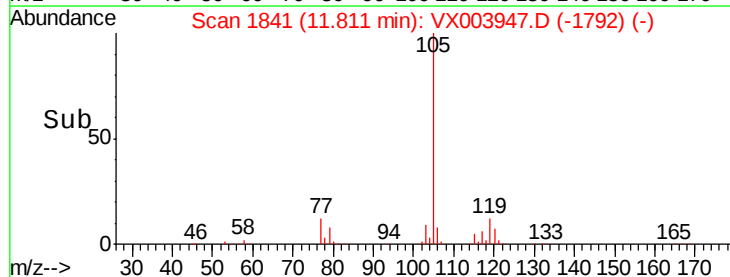
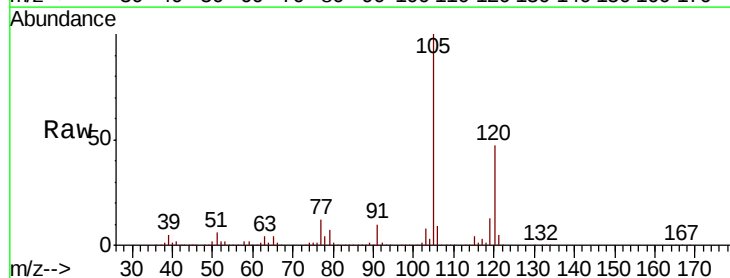
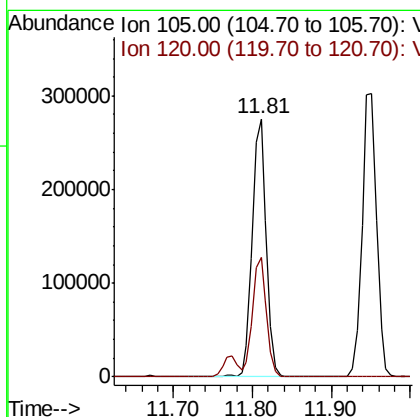
Manual Integrations
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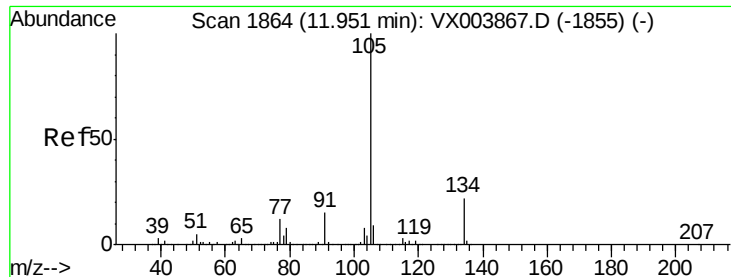
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342027		
120	46.0		23.1	69.2





#85

sec-Butylbenzene

Concen: 20.78 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0809WBSD01

Tot Ion:105 Resp: 385291

Ion Ratio Lower Upper

105 100

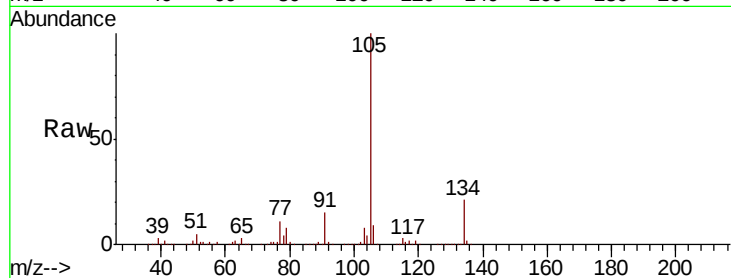
134 20.7 10.3 30.9

Manual Integrations

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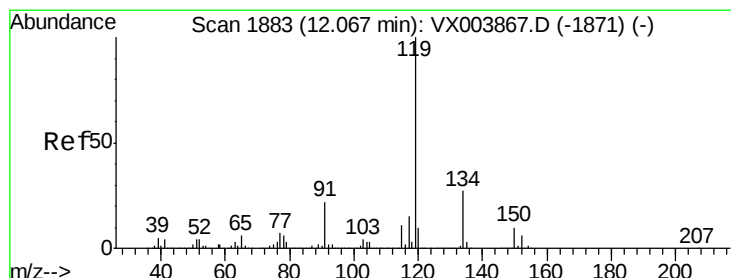
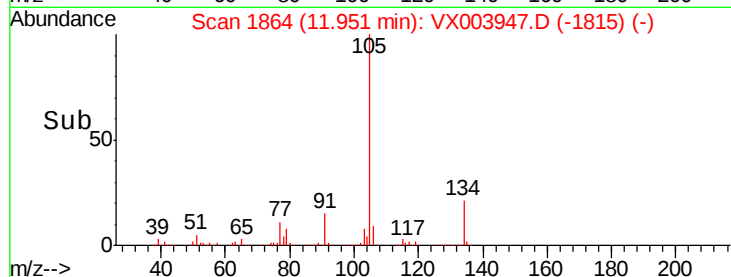
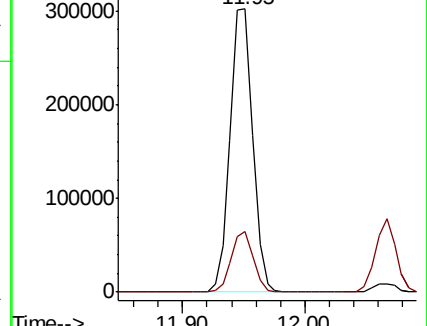
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

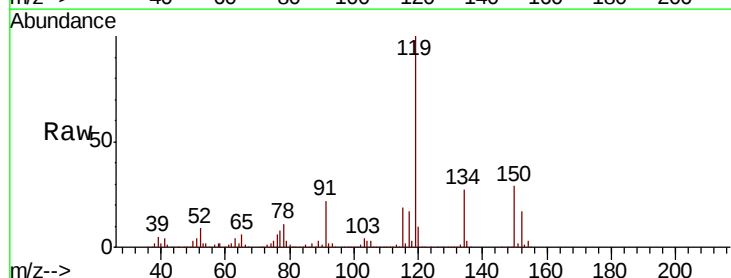
Tgt Ion:119 Resp: 340867

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

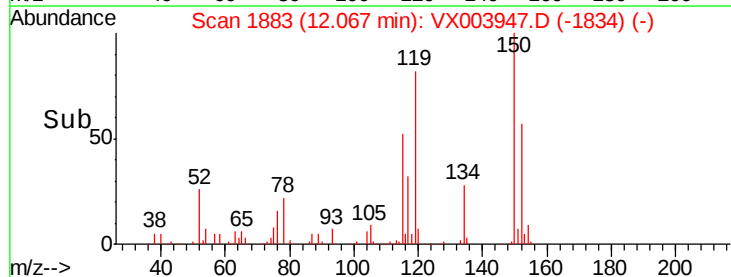
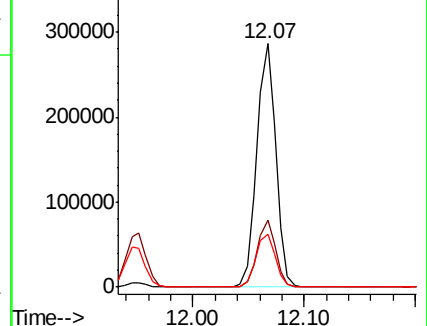
91 22.4 10.9 32.7

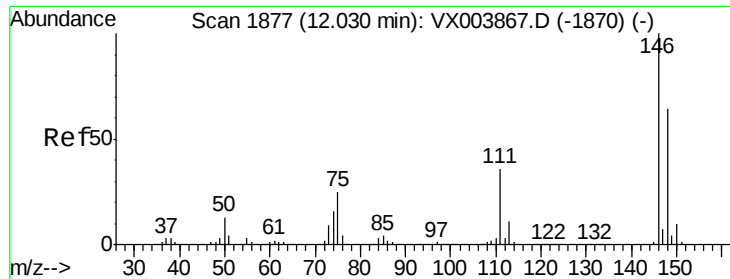


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.79 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

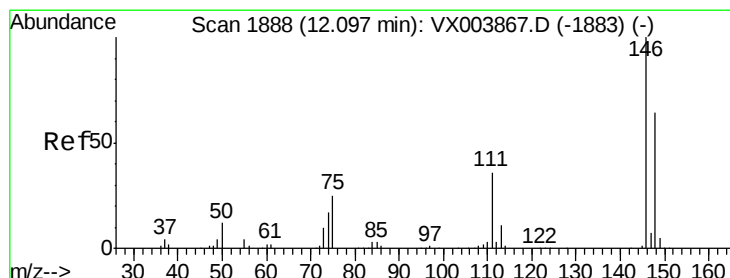
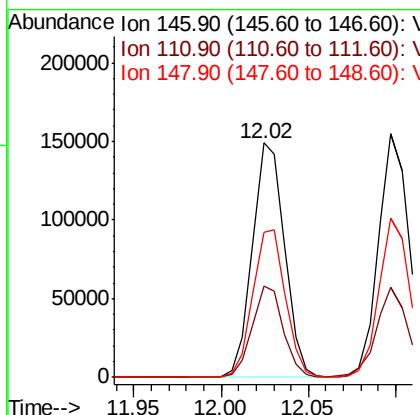
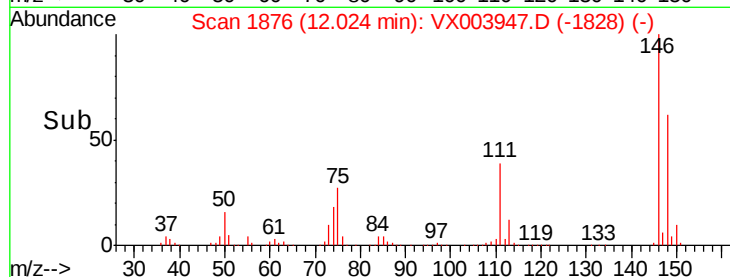
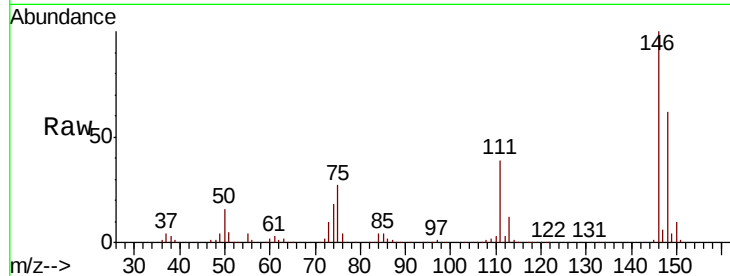
ClientSampleId :

VX0809WBSD01

Tot Ion:	146	Resp:	191137
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.8	56.4
148	63.7	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 20.11 ug/l

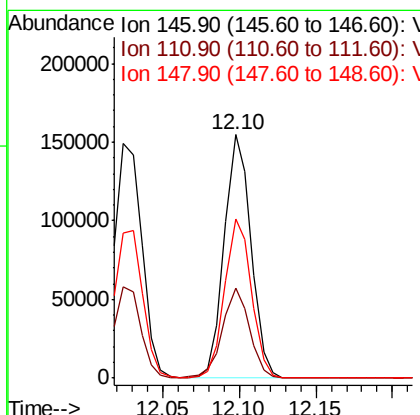
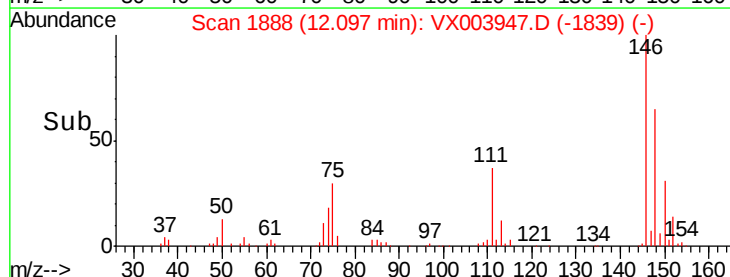
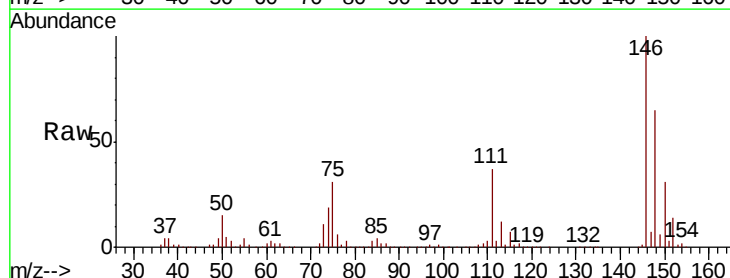
RT: 12.10 min Scan# 1888

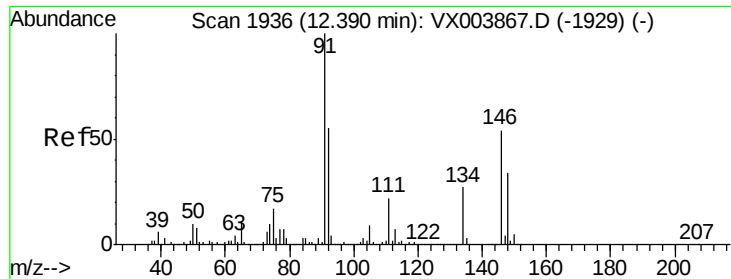
Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Tgt Ion:	146	Resp:	187737
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.4	55.0
148	65.6	32.3	96.8





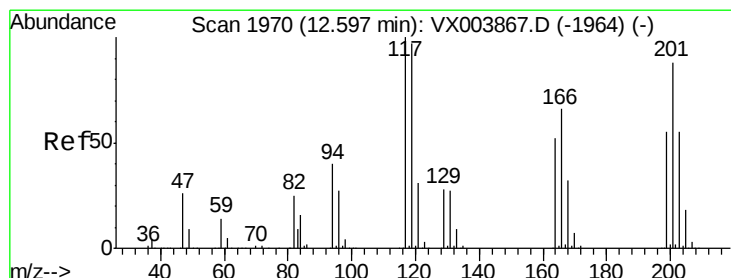
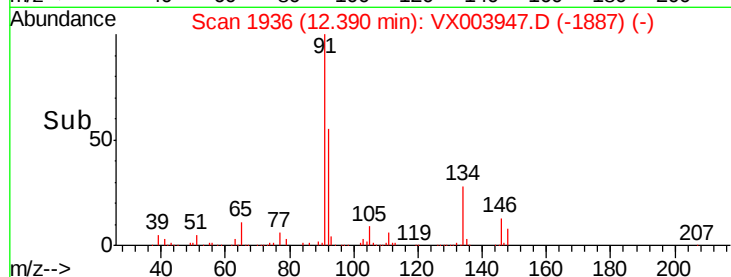
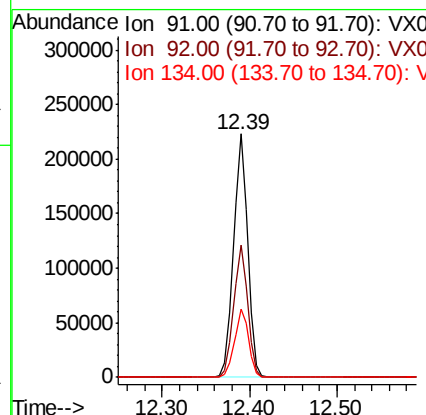
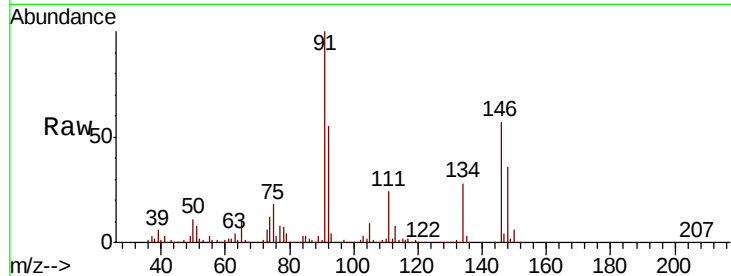
#89
n-Butylbenzene
Concen: 17.35 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	27.1	81.3	
134	27.8	13.6	40.7	

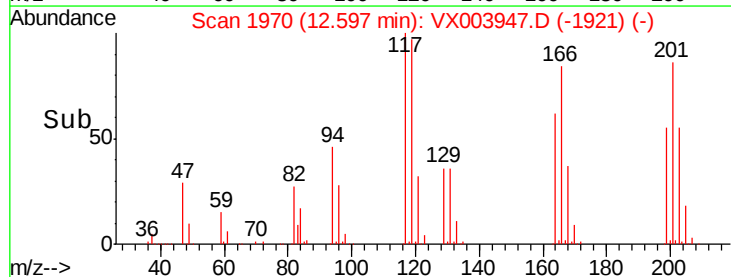
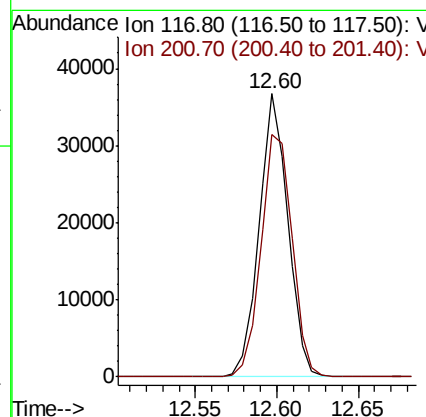
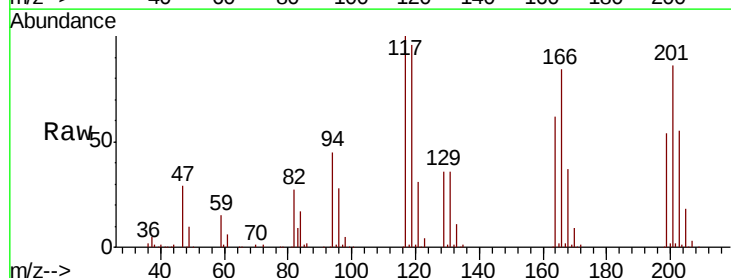
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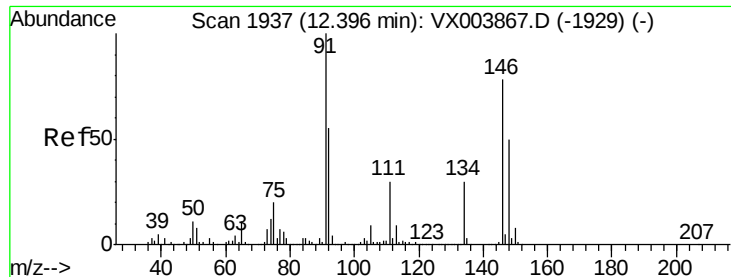
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#90
Hexachloroethane
Concen: 16.70 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003947.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	92.6	46.1	138.2	





#91

1,2-Dichlorobenzene

Concen: 17.78 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBSD01

Tot Ion:146 Resp: 170150

Ion Ratio Lower Upper

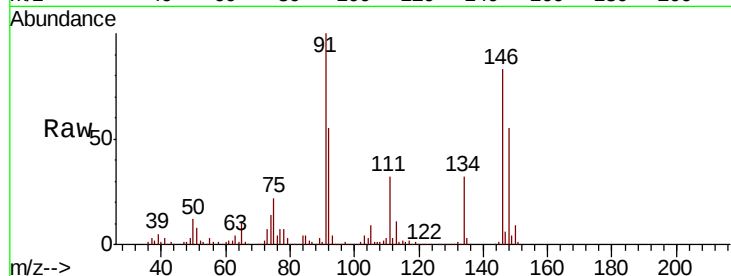
146 100

111 39.6 19.7 59.0

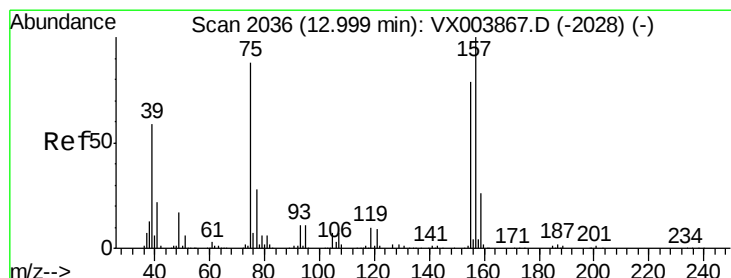
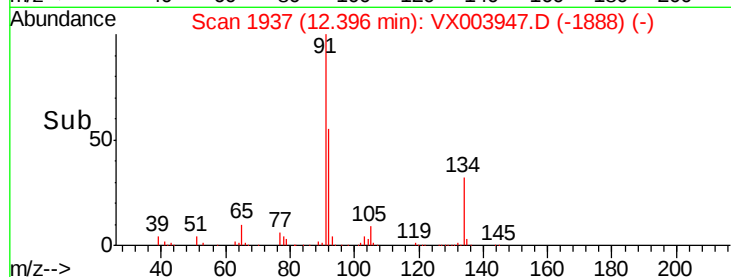
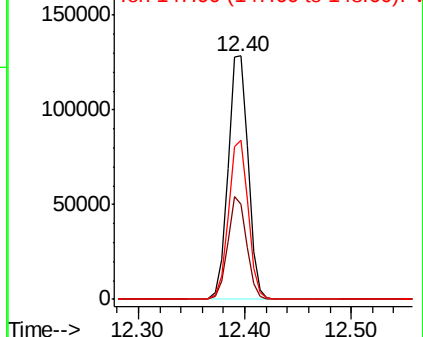
148 64.0 31.9 95.5

Manual Integrations
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.37 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

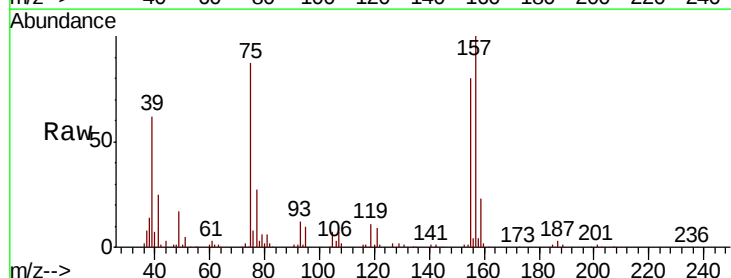
Tgt Ion: 75 Resp: 23883

Ion Ratio Lower Upper

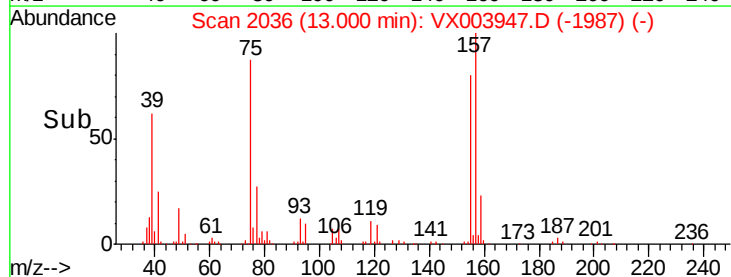
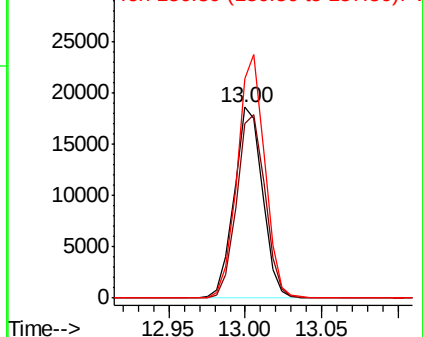
75 100

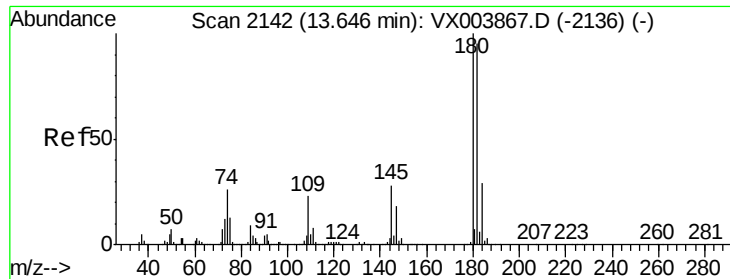
155 96.0 48.7 146.1

157 122.9 62.6 187.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





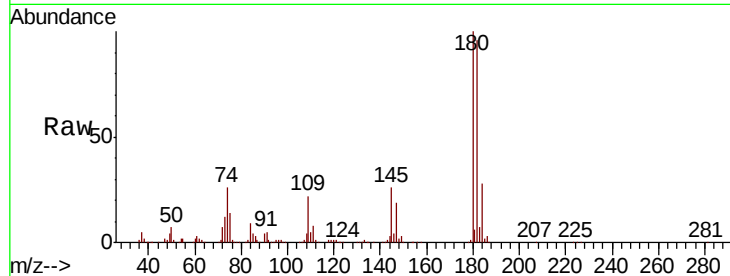
#93
 1,2,4-Trichlorobenzene
 Concen: 18.74 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

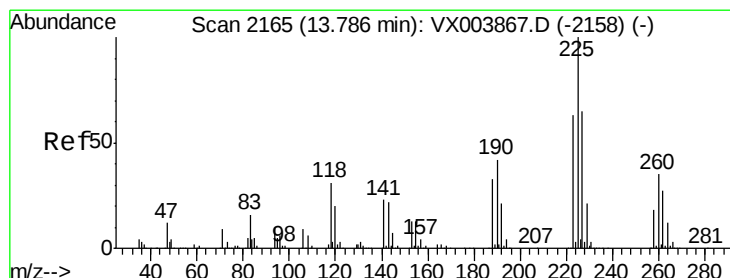
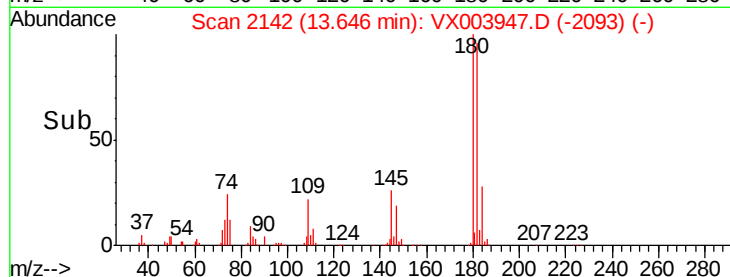
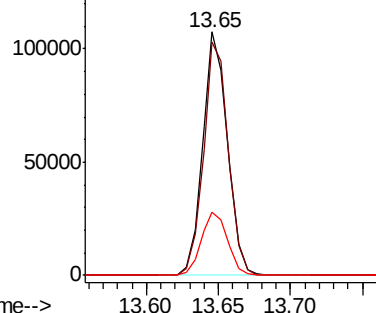
Tot Ion:	180	Resp:	129047
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.7	143.1
145	27.7	13.9	41.6

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:56:23 AM

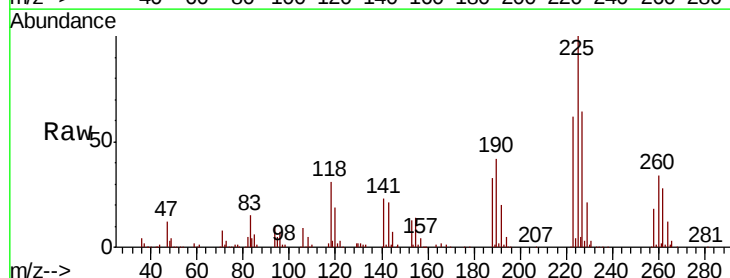


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

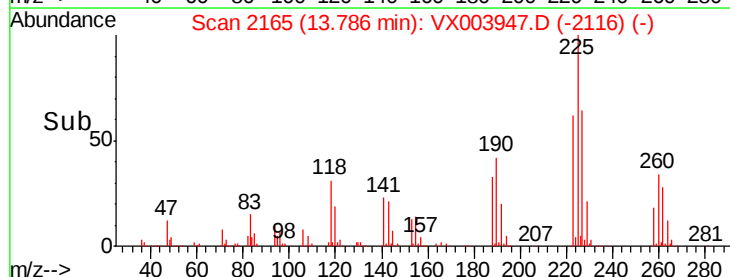
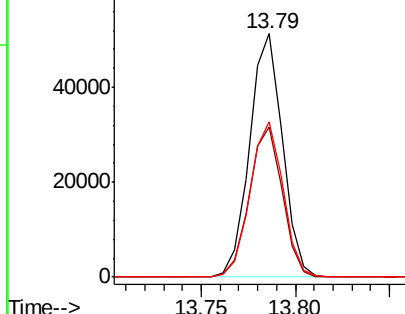


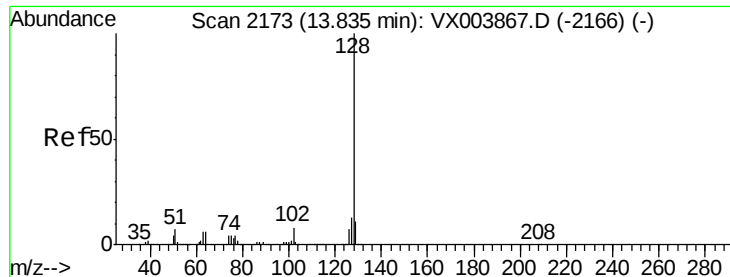
#94
 Hexachlorobutadiene
 Concen: 20.70 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003947.D
 Acq: 09 Aug 2018 13:43

Tgt Ion:	225	Resp:	62086
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.4	94.0
227	63.7	32.1	96.5



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





#95

Naphthalene

Concen: 21.10 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_X

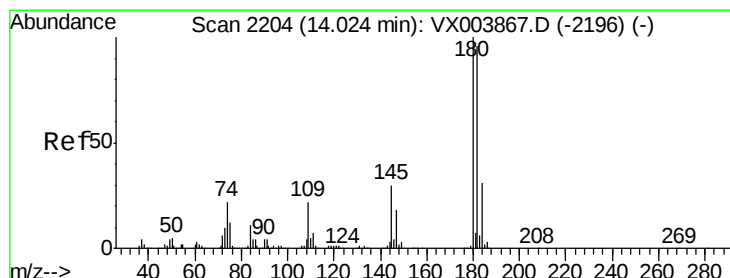
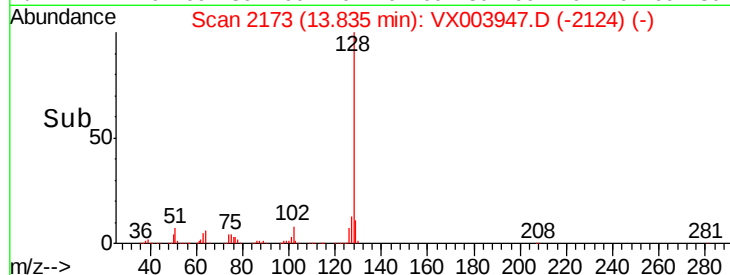
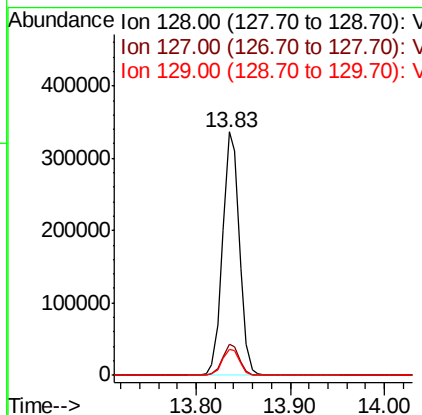
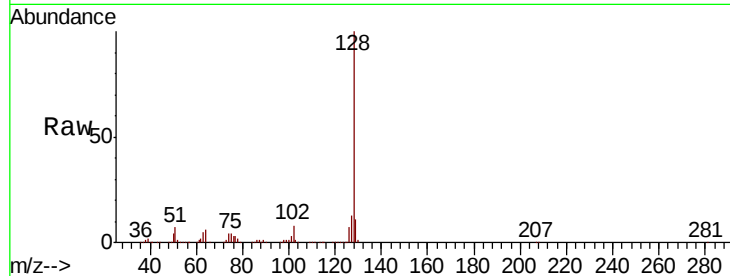
ClientSampleId :

VX0809WBSD01

Tot Ion:	128	Resp:	416059
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/10/2018 10:56:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.31 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003947.D

Acq: 09 Aug 2018 13:43

Tgt Ion:	180	Resp:	139559
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.1	144.4
145	29.6	14.9	44.7

