

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003918.D
 Acq On : 08 Aug 2018 12:52
 Operator : JC/MD
 Sample : VX0808WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

Quant Time: Aug 09 03:11:15 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	5.66	168	380324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	537484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	508668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289965	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	248926	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
35) Dibromofluoromethane	5.50	113	207423	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	8.71	98	821615	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.14	95	301173	58.78	ug/l	0.00
Spiked Amount			Recovery	=	117.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	80754	20.95	ug/l	98
3) Chloromethane	1.32	50	96064	18.32	ug/l	100
4) Vinyl Chloride	1.40	62	105374	20.15	ug/l	99
5) Bromomethane	1.64	94	63473	20.59	ug/l	99
6) Chloroethane	1.72	64	69710	20.84	ug/l	100
7) Trichlorofluoromethane	1.93	101	141225	20.46	ug/l	100
8) Diethyl Ether	2.19	74	62555	20.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88833	20.58	ug/l	99
10) Methyl Iodide	2.51	142	102209	19.04	ug/l	100
11) Tert butyl alcohol	3.07	59	119049	98.27	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82728	20.27	ug/l	95
13) Acrolein	2.29	56	47210	70.97	ug/l	100
14) Allyl chloride	2.73	41	159526	20.27	ug/l	100
15) Acrylonitrile	3.15	53	281004	97.21	ug/l	100
16) Acetone	2.45	43	298884	99.65	ug/l	100
17) Carbon Disulfide	2.57	76	222567	19.51	ug/l	99
18) Methyl Acetate	2.78	43	130692	20.01	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	293917	20.32	ug/l	99
20) Methylene Chloride	2.85	84	98442	19.72	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	90225	19.47	ug/l	99
22) Diisopropyl ether	3.87	45	289141	19.99	ug/l	99
23) Vinyl Acetate	3.82	43	1193398	99.16	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172822	20.11	ug/l	99
25) 2-Butanone	4.70	43	444753	98.63	ug/l	99
26) 2,2-Dichloropropane	4.59	77	132848	21.44	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	102786	20.44	ug/l	99
28) Bromochloromethane	5.02	49	81194	22.08	ug/l	98
29) Tetrahydrofuran	5.16	42	223576	96.46	ug/l	99
30) Chloroform	5.21	83	165550	20.47	ug/l	97
31) Cyclohexane	5.57	56	144898	19.94	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	142041	20.94	ug/l	99
36) 1,1-Dichloropropene	5.79	75	128656	21.37	ug/l	100
37) Ethyl Acetate	4.86	43	134720	20.34	ug/l	100
38) Carbon Tetrachloride	5.78	117	121592	21.22	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148469	20.92	ug/l	100
40) Benzene	6.14	78	386598	21.39	ug/l	99
41) Methacrylonitrile	5.06	41	73565	20.17	ug/l	98
42) 1,2-Dichloroethane	6.20	62	131818	21.57	ug/l	99
43) Isopropyl Acetate	6.46	43	203538	20.43	ug/l	100
44) Trichloroethene	7.21	130	104361	21.11	ug/l	92
45) 1,2-Dichloropropane	7.51	63	95880	20.54	ug/l	97
46) Dibromomethane	7.67	93	62503	20.62	ug/l	99
47) Bromodichloromethane	7.90	83	119095	20.86	ug/l	98
48) Methyl methacrylate	7.78	41	105504	20.83	ug/l	99
49) 1,4-Dioxane	7.76	88	50778	425.53	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	867157	104.98	ug/l	100
52) Toluene	8.79	92	247855	21.70	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135490	21.00	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	149050	21.42	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99052	21.22	ug/l	99
56) Ethyl methacrylate	9.18	69	143182	21.14	ug/l	100
57) 1,3-Dichloropropane	9.37	76	167352	21.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	364899	109.58	ug/l	100
59) 2-Hexanone	9.50	43	664851	107.68	ug/l	99
60) Dibromochloromethane	9.59	129	95037	21.84	ug/l	100
61) 1,2-Dibromoethane	9.67	107	102255	21.88	ug/l	99
64) Tetrachloroethene	9.34	164	97903	19.56	ug/l	93
65) Chlorobenzene	10.14	112	277550	20.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	94531	20.78	ug/l	99
67) Ethyl Benzene	10.25	91	461792	21.31	ug/l	96
68) m/p-Xylenes	10.36	106	367161	43.37	ug/l	97
69) o-Xylene	10.70	106	173002	21.65	ug/l	96
70) Styrene	10.71	104	292311	22.34	ug/l	97
71) Bromoform	10.86	173	71675	20.41	ug/l #	98
73) Isopropylbenzene	11.02	105	471858	22.00	ug/l	96
74) N-amyl acetate	6.46	43	203538	18.25	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	151858	20.66	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	165782	25.88	ug/l	84
77) Bromobenzene	11.26	156	122449	21.40	ug/l	100
78) n-propylbenzene	11.36	91	508179	21.10	ug/l	99
79) 2-Chlorotoluene	11.42	91	304049	20.70	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	375642	21.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	43123	19.72	ug/l	97
82) 4-Chlorotoluene	11.51	91	350563	20.37	ug/l	97
83) tert-Butylbenzene	11.77	119	365590	21.25	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	396117	22.52	ug/l	99
85) sec-Butylbenzene	11.95	105	454679	22.39	ug/l	99
86) p-Isopropyltoluene	12.07	119	409615	22.48	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	222806	21.06	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	225684	22.10	ug/l	100
89) n-Butylbenzene	12.39	91	319599	20.13	ug/l	99
90) Hexachloroethane	12.60	117	55285	18.69	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	204383	19.49	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28613	19.00	ug/l	95

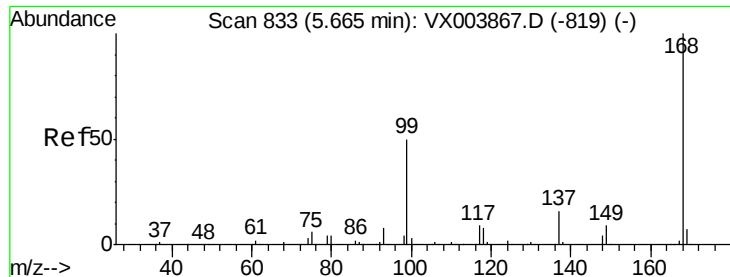
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154031	20.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	76152	23.12	ug/l	98
95) Naphthalene	13.83	128	481926	22.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	167100	22.20	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

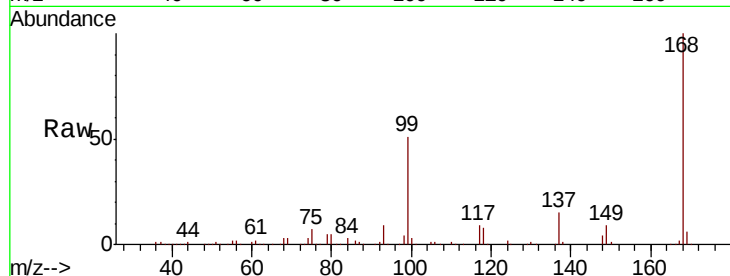
VX0808WBS01

Tot Ion:168 Resp: 380324

Ion Ratio Lower Upper

168 100

99 50.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

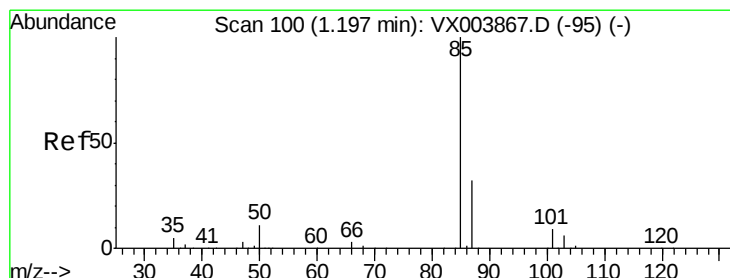
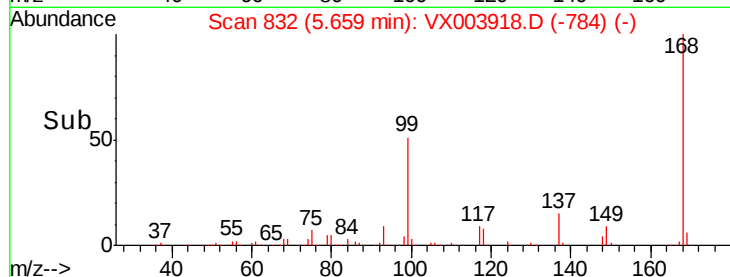
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 20.95 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003918.D

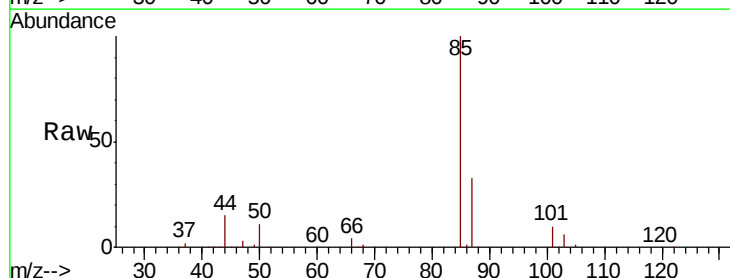
Acq: 08 Aug 2018 12:52

Tgt Ion: 85 Resp: 80754

Ion Ratio Lower Upper

85 100

87 33.3 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

80000

60000

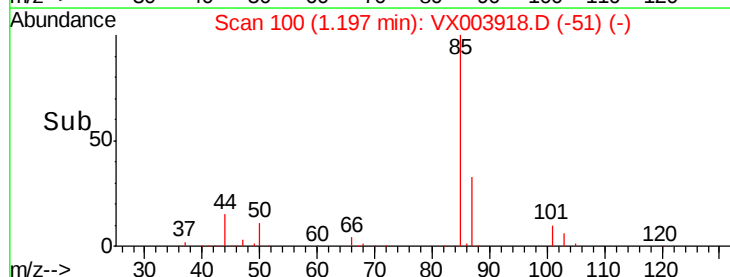
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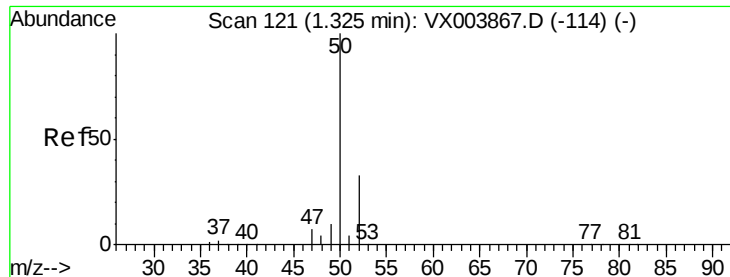
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

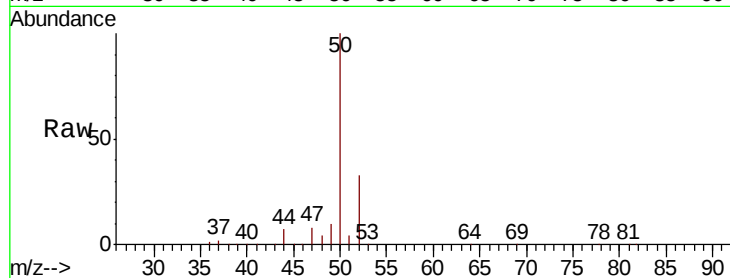
VX0808WBS01

Tot Ion: 50 Resp: 96064

Ion Ratio Lower Upper

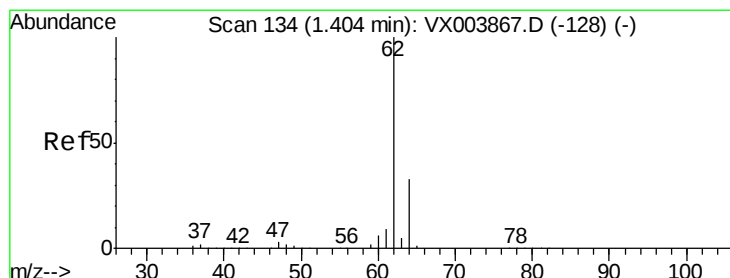
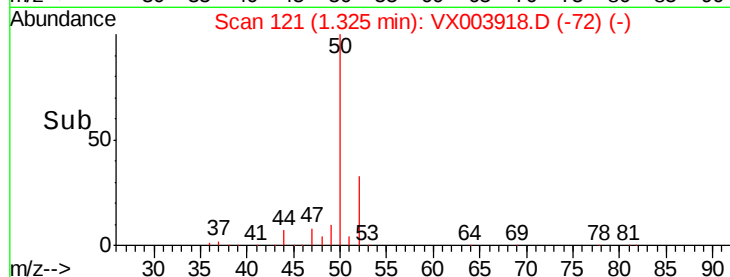
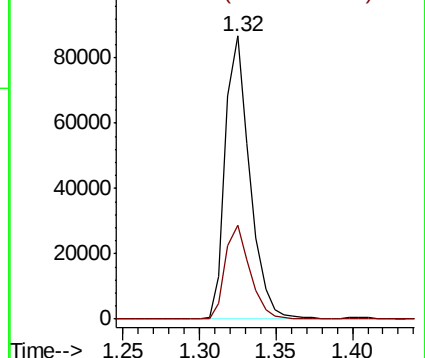
50 100

52 33.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.15 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003918.D

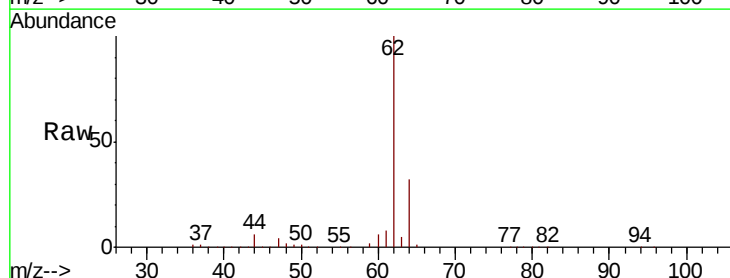
Acq: 08 Aug 2018 12:52

Tgt Ion: 62 Resp: 105374

Ion Ratio Lower Upper

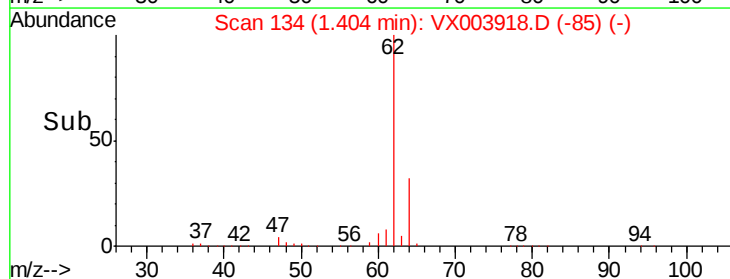
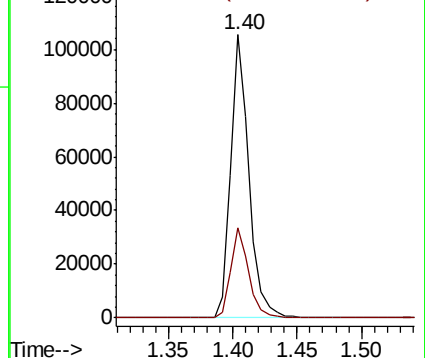
62 100

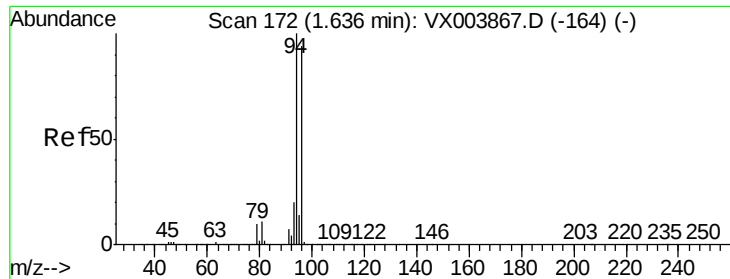
64 31.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.59 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

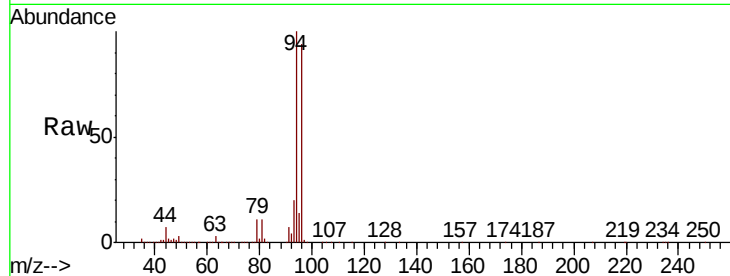
VX0808WBS01

Tot Ion: 94 Resp: 63473

Ion Ratio Lower Upper

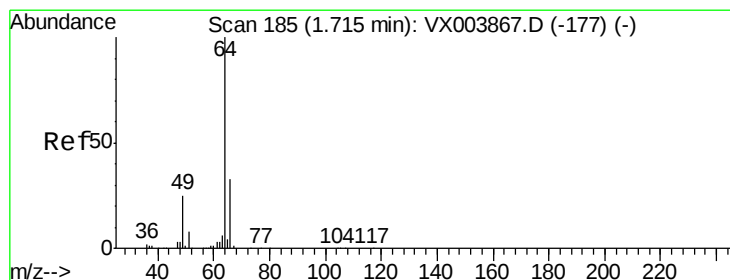
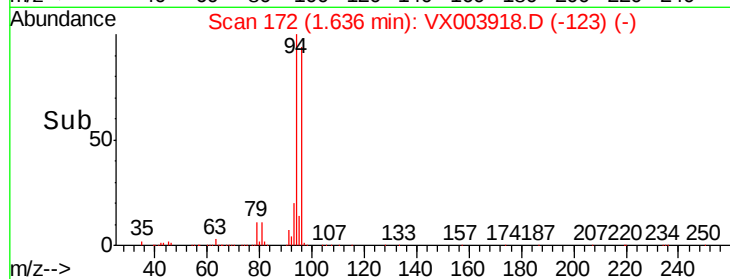
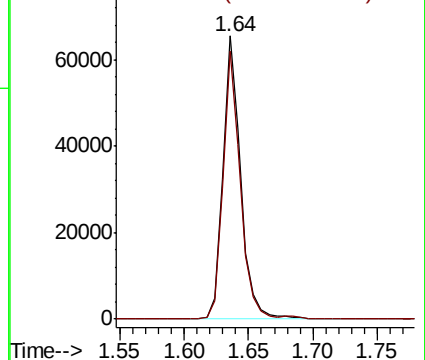
94 100

96 94.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.84 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003918.D

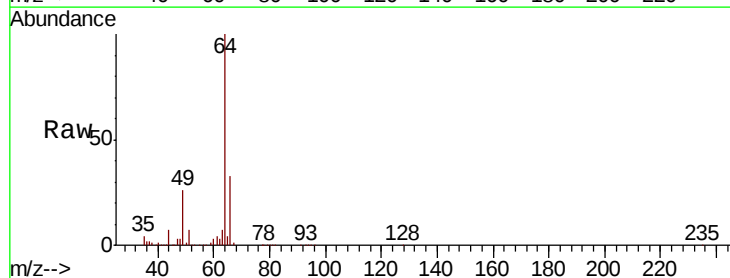
Acq: 08 Aug 2018 12:52

Tgt Ion: 64 Resp: 69710

Ion Ratio Lower Upper

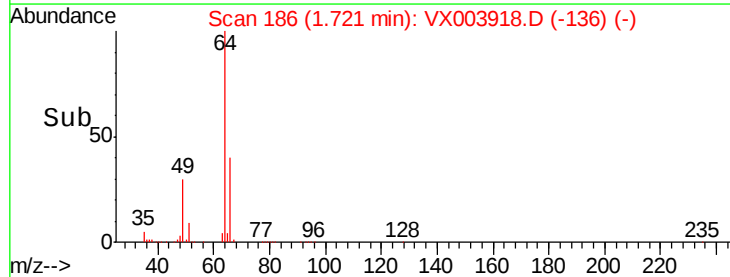
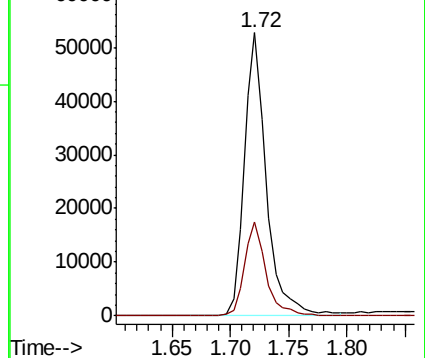
64 100

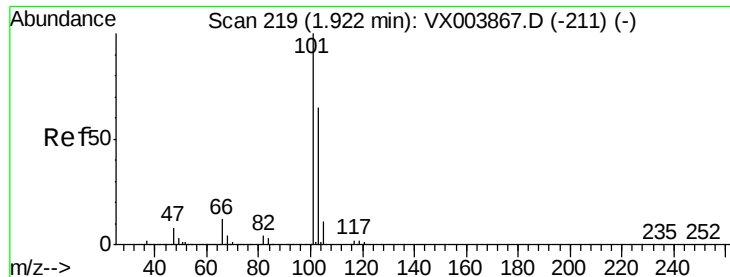
66 33.0 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



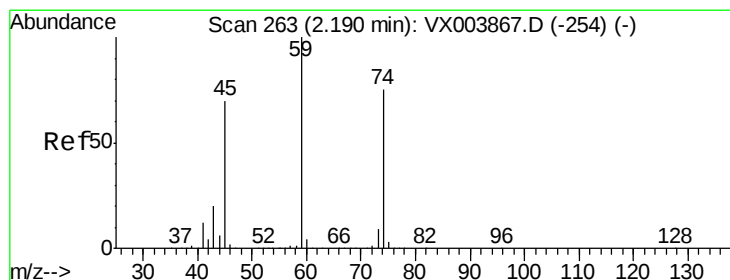
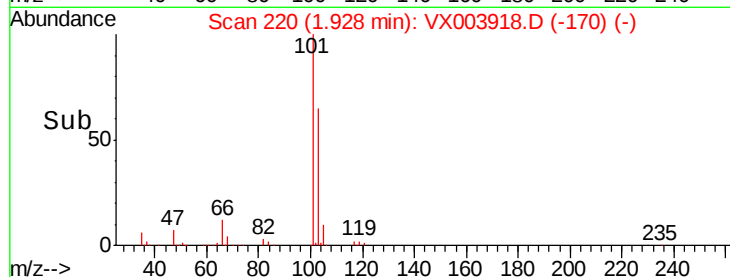
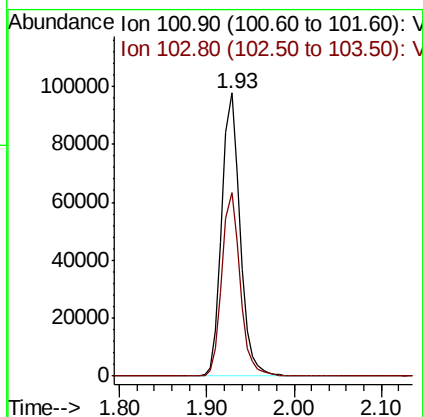
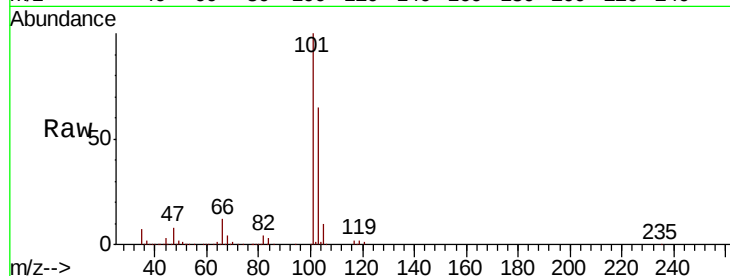


#7

Trichlorofluoromethane
 Concen: 20.46 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

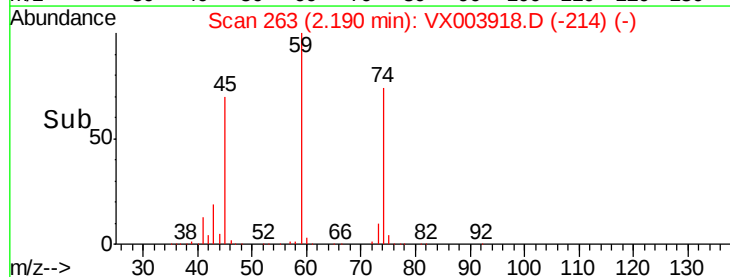
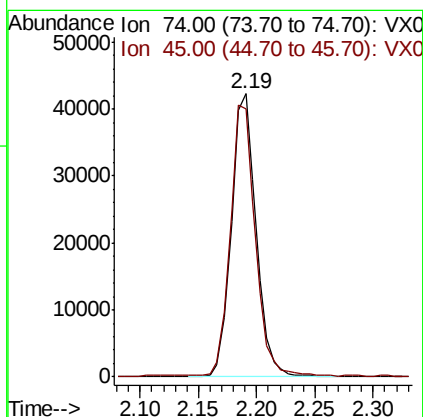
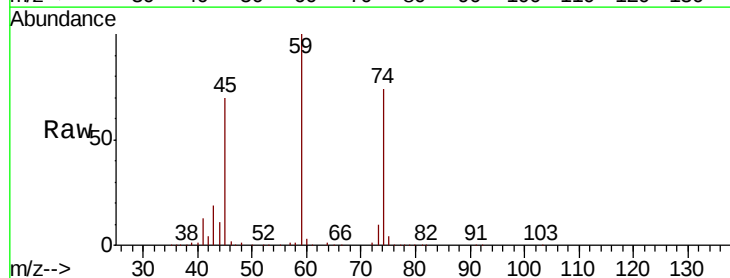
Tot Ion:101 Resp: 141225
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5

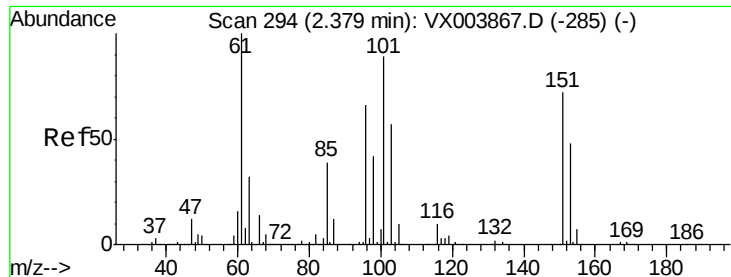


#8

Diethyl Ether
 Concen: 20.16 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion: 74 Resp: 62555
 Ion Ratio Lower Upper
 74 100
 45 96.1 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.58 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

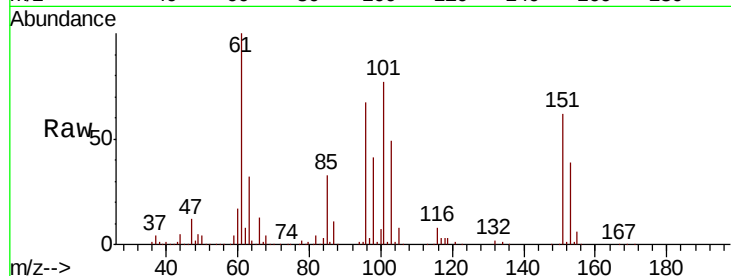
Tot Ion:101 Resp: 88833

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

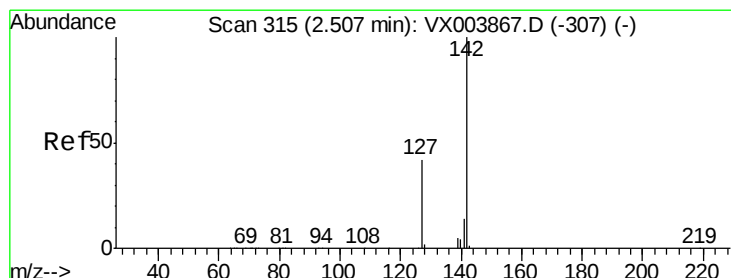
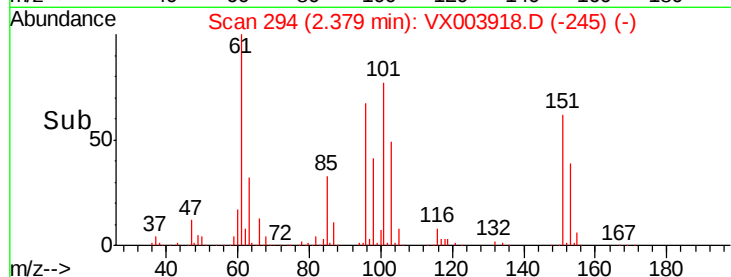
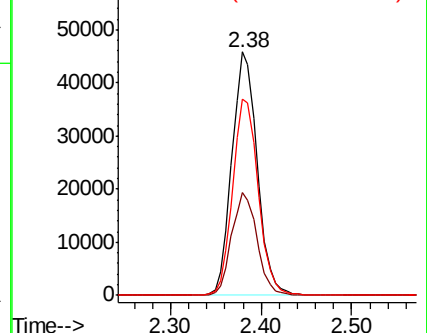
151 81.6 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.04 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

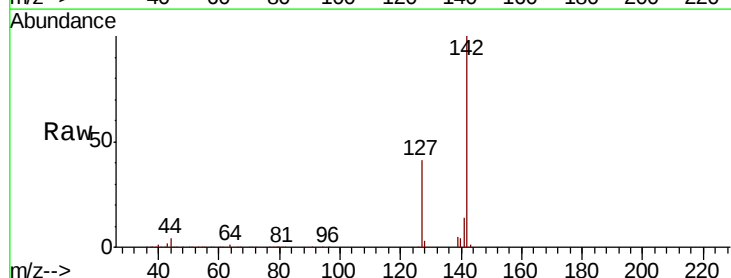
Tgt Ion:142 Resp: 102209

Ion Ratio Lower Upper

142 100

127 41.6 33.1 49.7

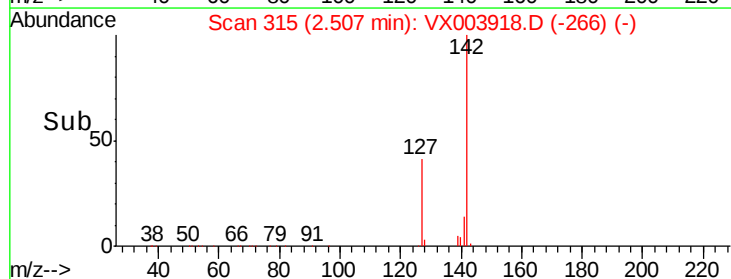
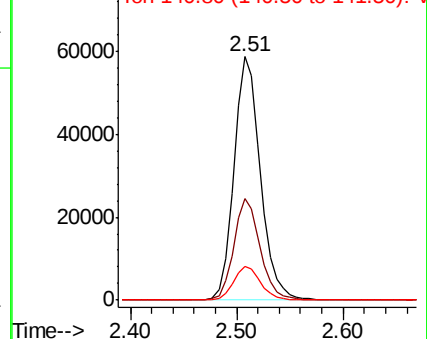
141 14.2 11.1 16.7

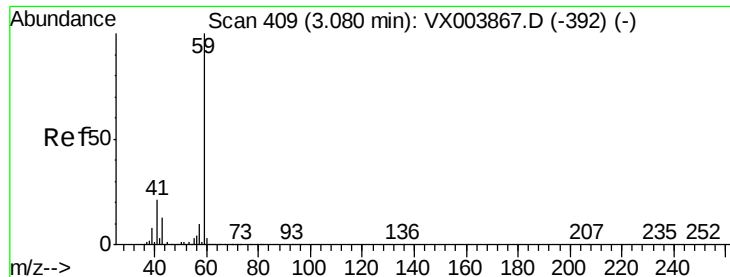


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

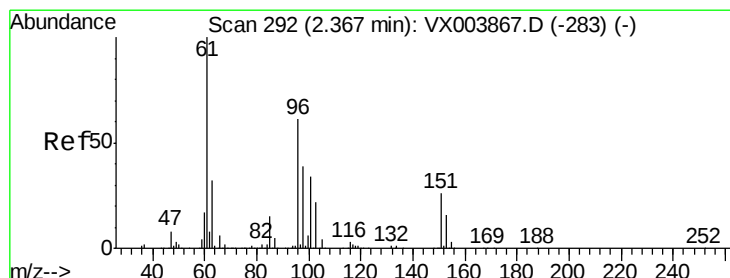
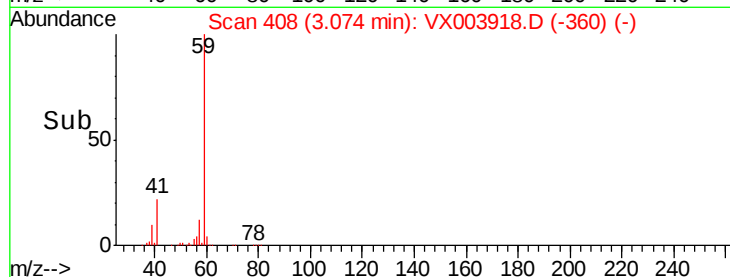
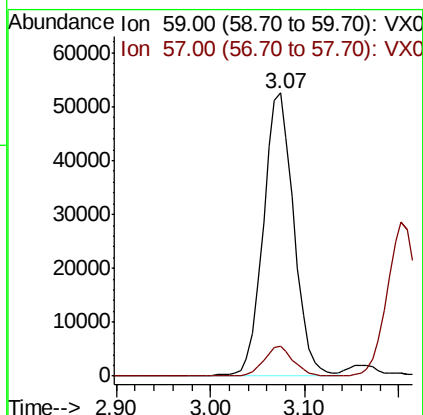
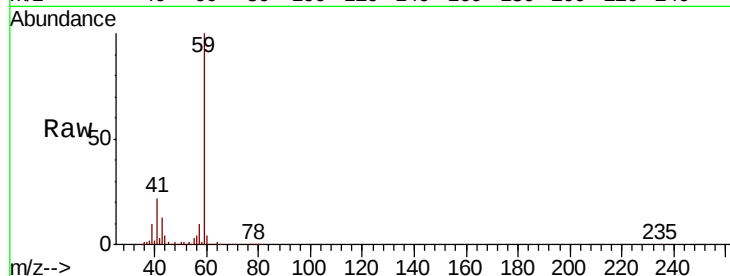




#11
Tert butyl alcohol
Concen: 98.27 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

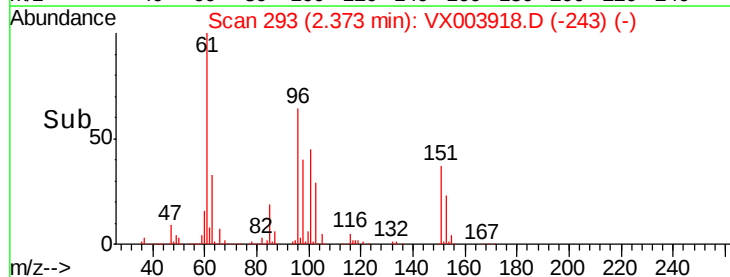
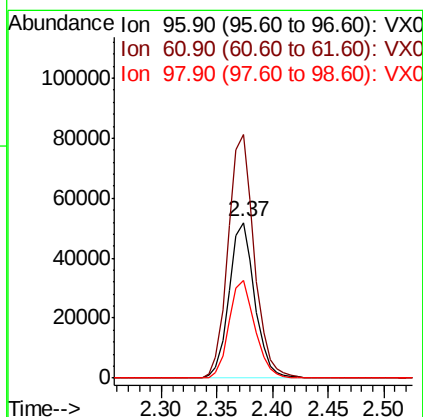
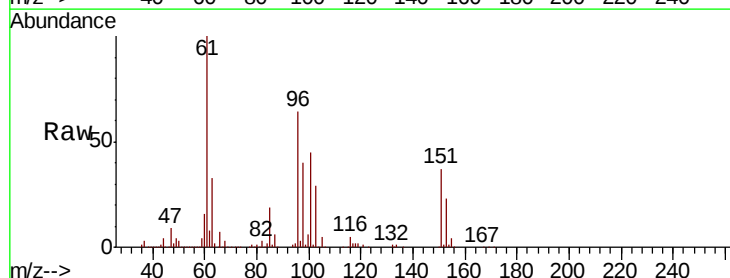
Instrument :
MSVOA_X
ClientSampled :
VX0808WBS01

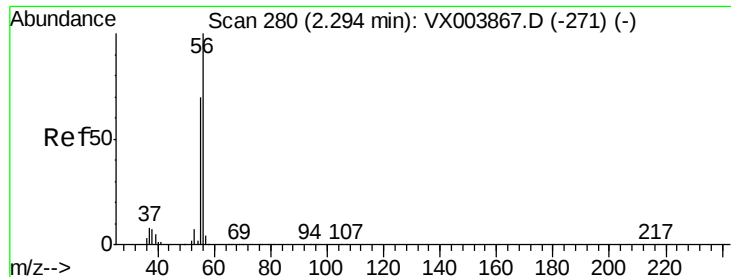
Tot Ion: 59 Resp: 119049
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion: 96 Resp: 82728
Ion Ratio Lower Upper
96 100
61 156.4 131.3 196.9
98 62.8 51.8 77.6





#13

Acrolein

Concen: 70.97 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

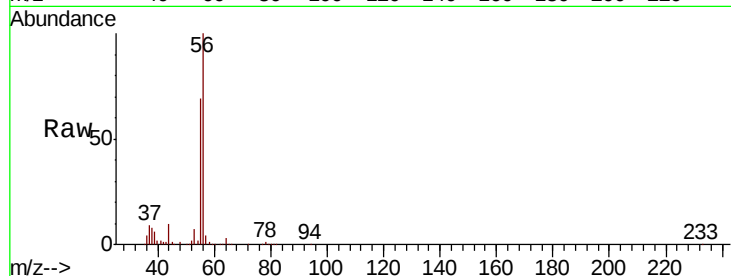
VX0808WBS01

Tot Ion: 56 Resp: 47210

Ion Ratio Lower Upper

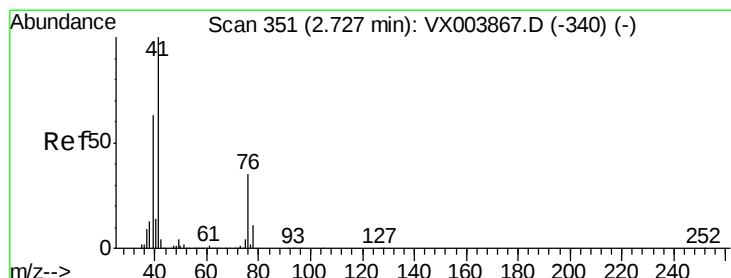
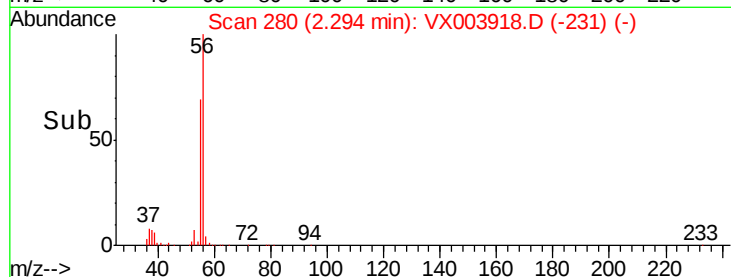
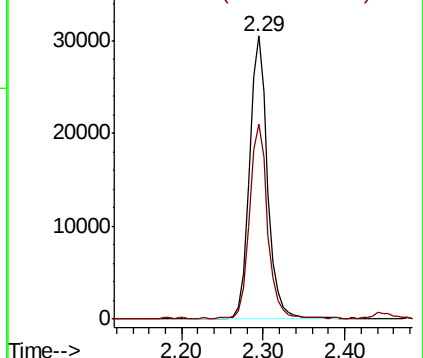
56 100

55 70.0 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.27 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

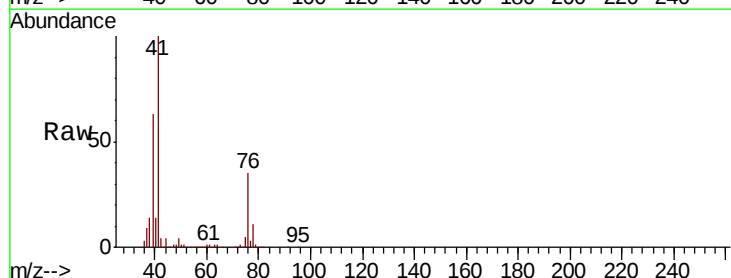
Tgt Ion: 41 Resp: 159526

Ion Ratio Lower Upper

41 100

39 59.3 47.4 71.0

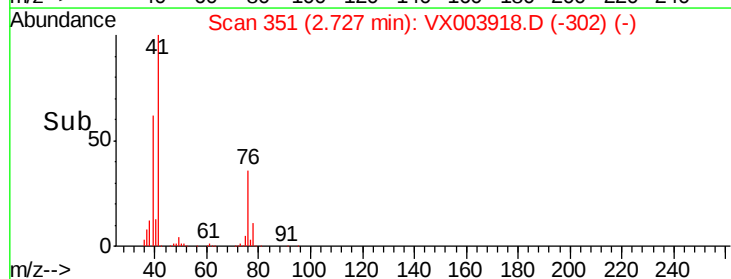
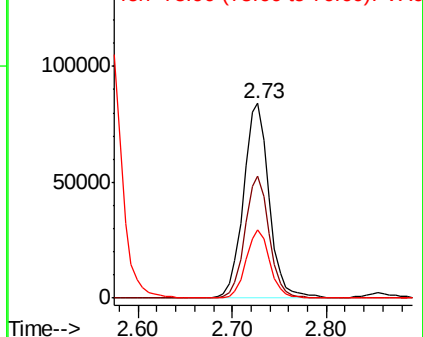
76 32.9 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 97.21 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

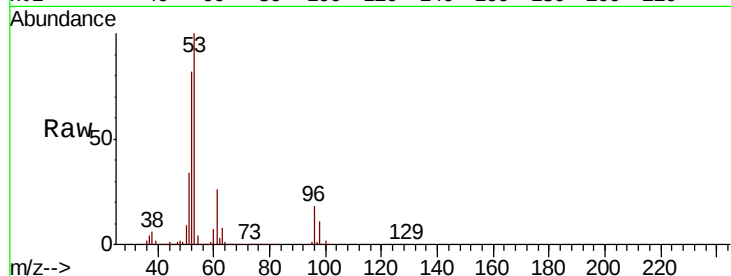
Tot Ion: 53 Resp: 281004

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

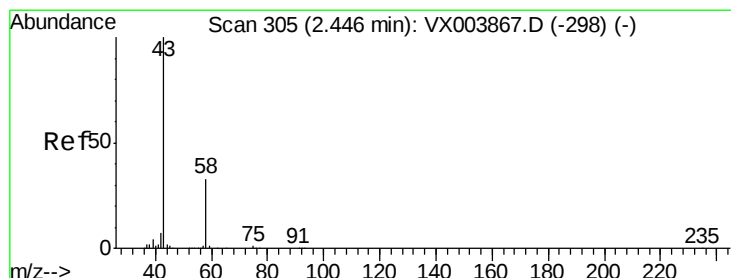
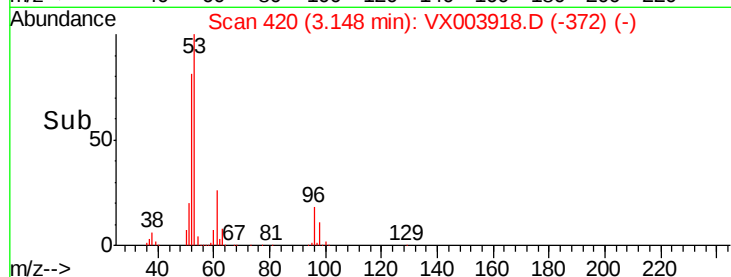
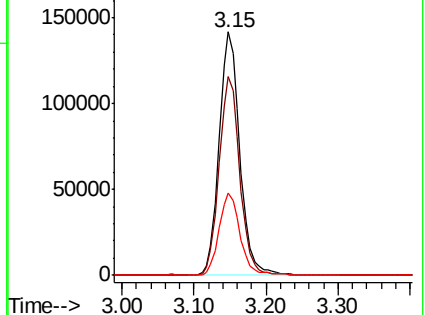
51 34.4 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003918.D

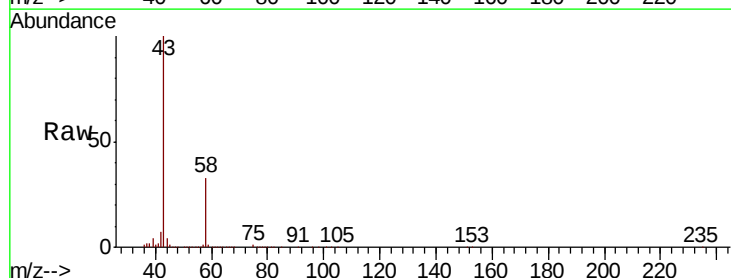
Acq: 08 Aug 2018 12:52

Tgt Ion: 43 Resp: 298884

Ion Ratio Lower Upper

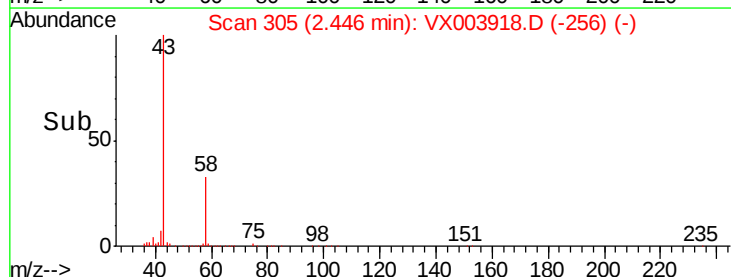
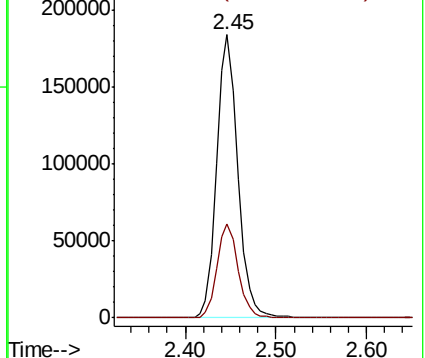
43 100

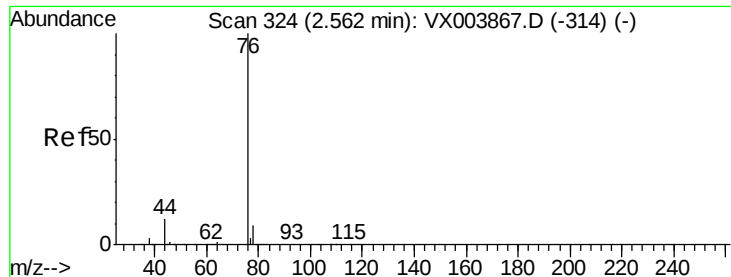
58 33.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.51 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

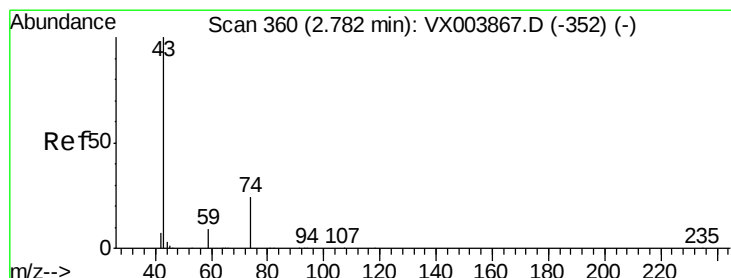
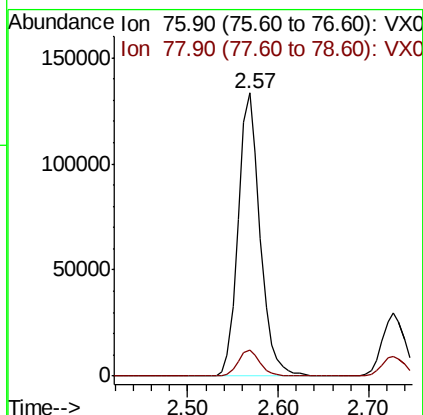
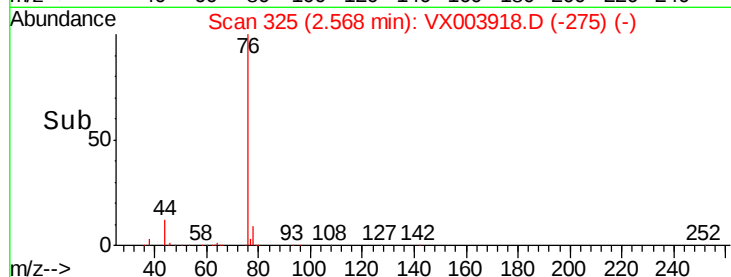
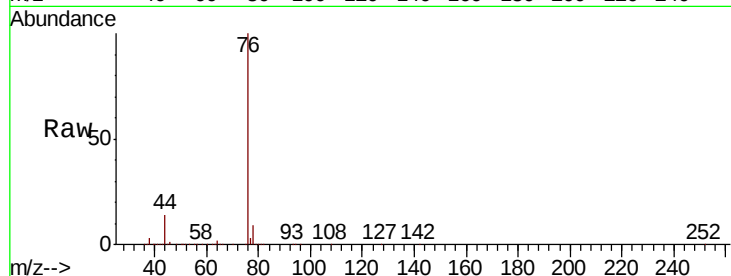
VX0808WBS01

Tot Ion: 76 Resp: 222567

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#18

Methyl Acetate

Concen: 20.01 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003918.D

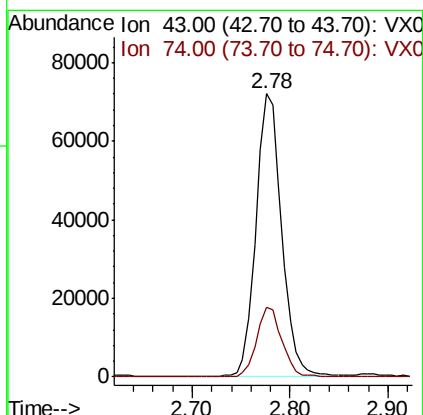
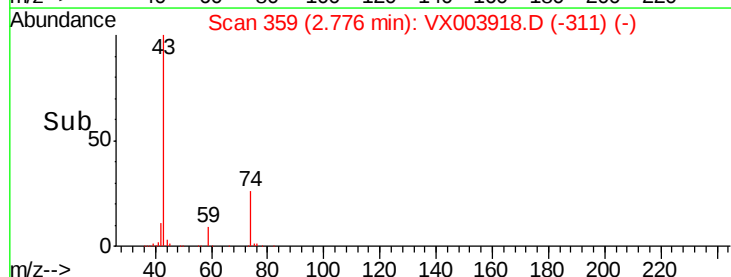
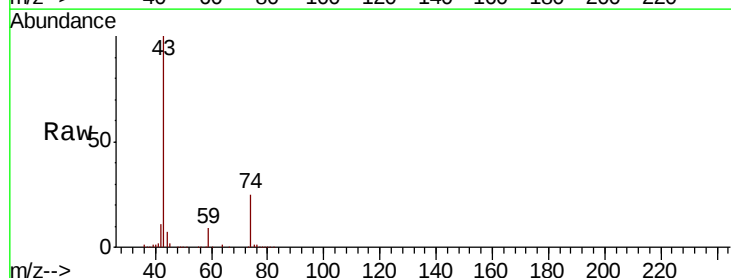
Acq: 08 Aug 2018 12:52

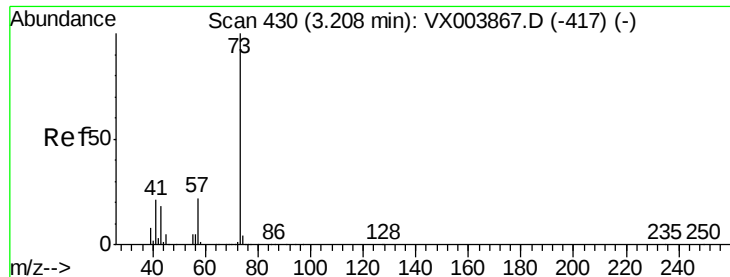
Tgt Ion: 43 Resp: 130692

Ion Ratio Lower Upper

43 100

74 23.8 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 20.32 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

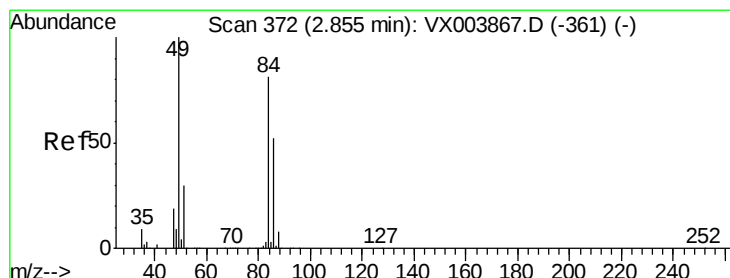
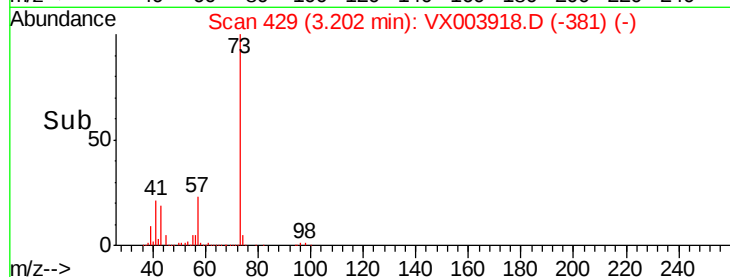
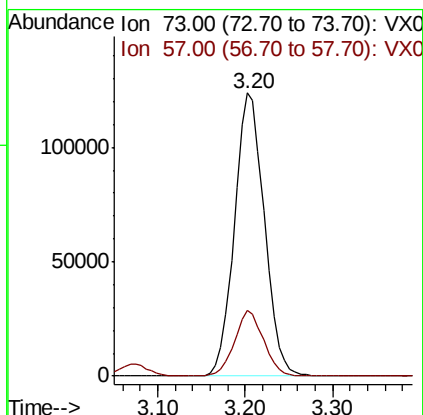
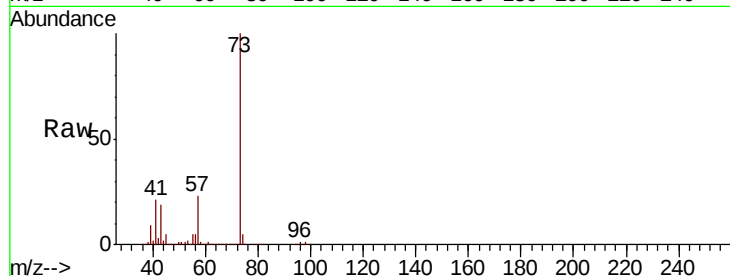
VX0808WBS01

Tot Ion: 73 Resp: 293917

Ion Ratio Lower Upper

73 100

57 23.1 18.0 27.0



#20

Methylene Chloride

Concen: 19.72 ug/l

RT: 2.85 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Tgt Ion: 84 Resp: 98442

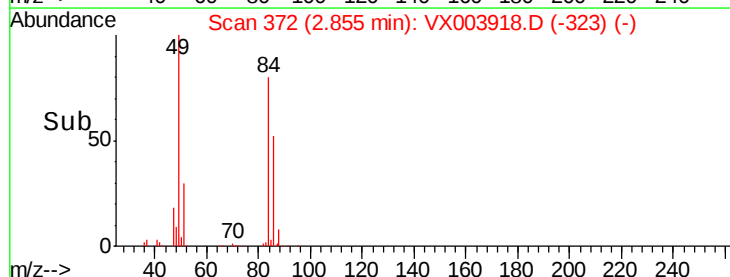
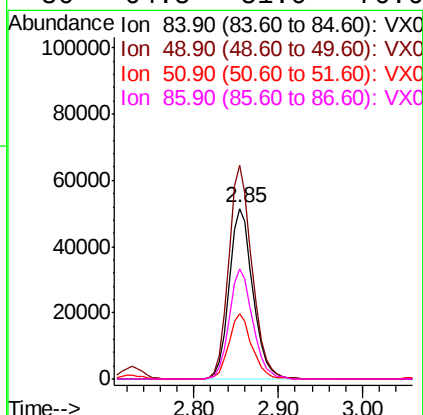
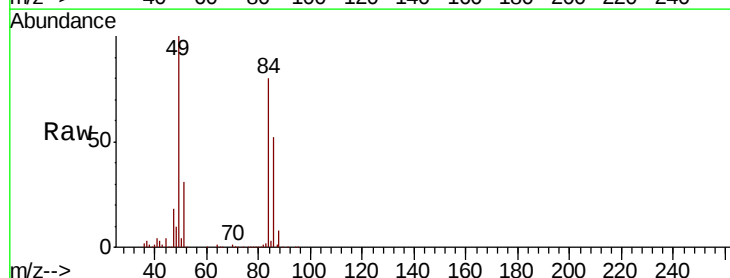
Ion Ratio Lower Upper

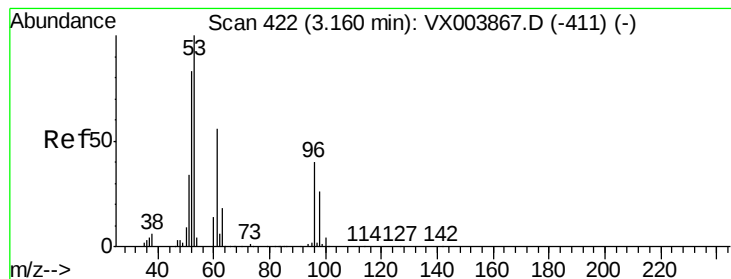
84 100

49 124.9 98.9 148.3

51 38.2 29.9 44.9

86 64.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.47 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

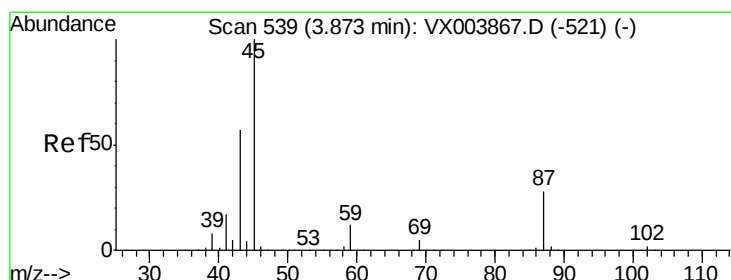
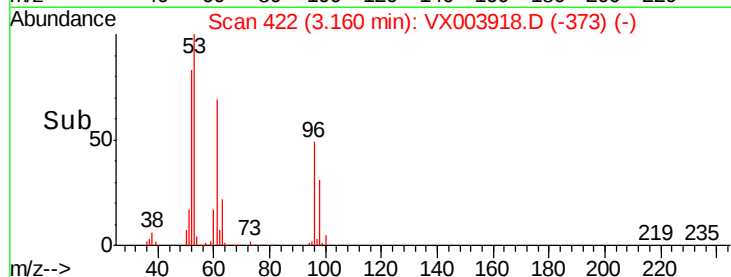
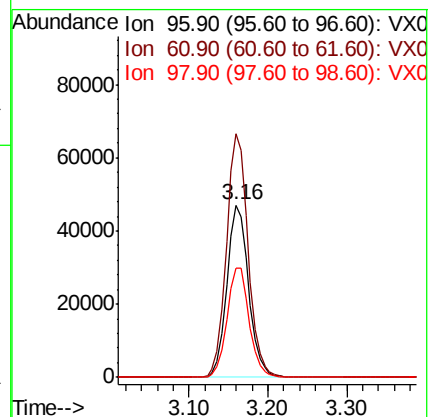
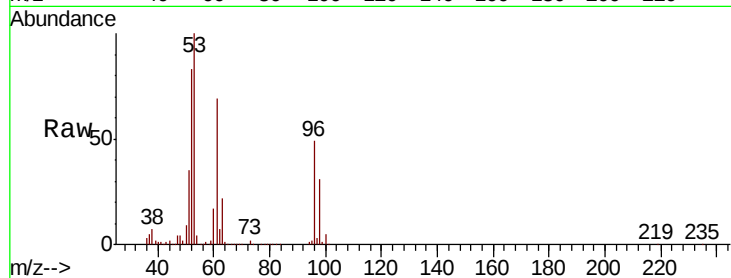
Tot Ion: 96 Resp: 90225

Ion Ratio Lower Upper

96 100

61 141.2 111.8 167.6

98 63.6 51.8 77.6



#22

Diisopropyl ether

Concen: 19.99 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Tgt Ion: 45 Resp: 289141

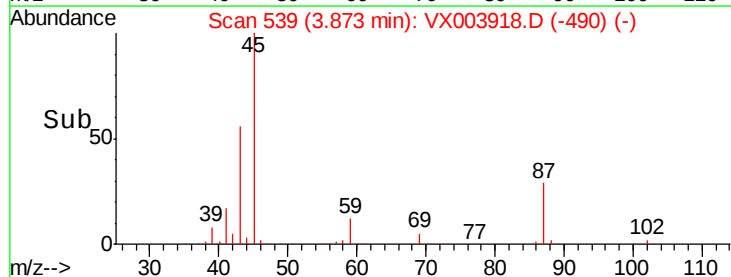
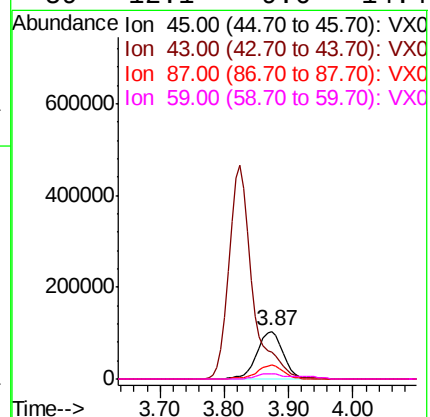
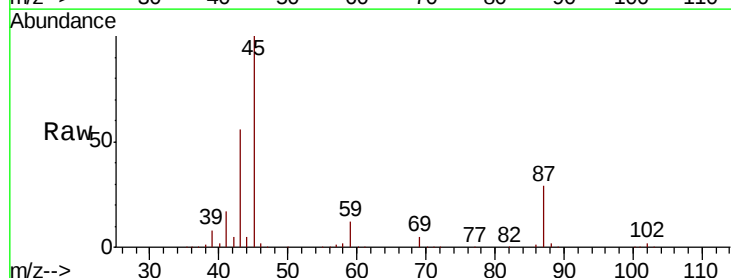
Ion Ratio Lower Upper

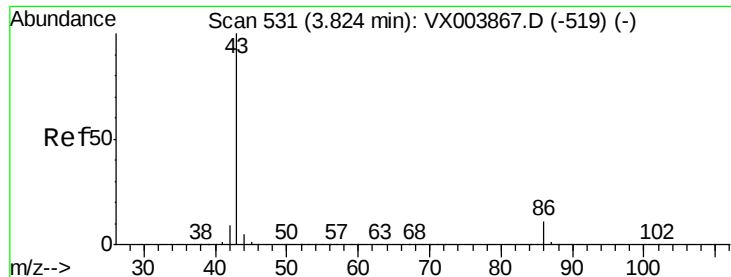
45 100

43 55.9 45.3 67.9

87 29.0 22.7 34.1

59 12.1 9.6 14.4





#23

Vinyl Acetate

Concen: 99.16 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

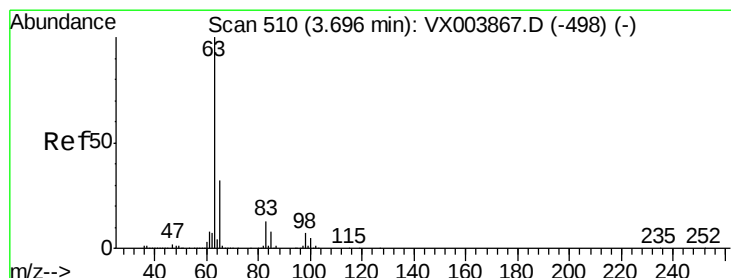
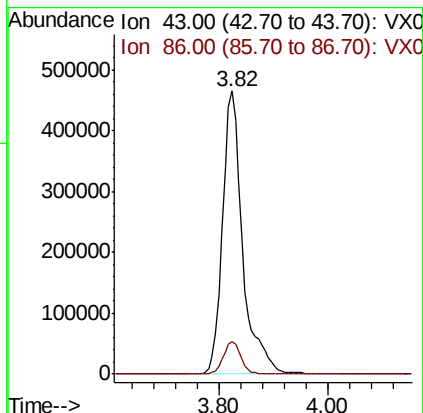
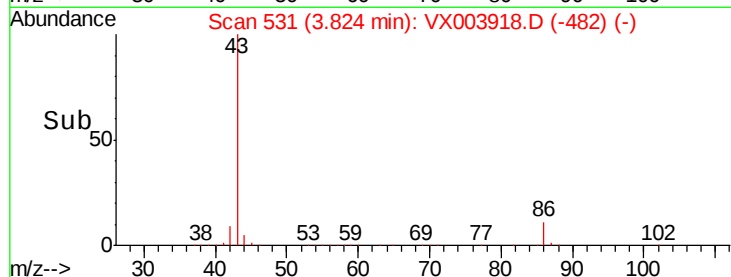
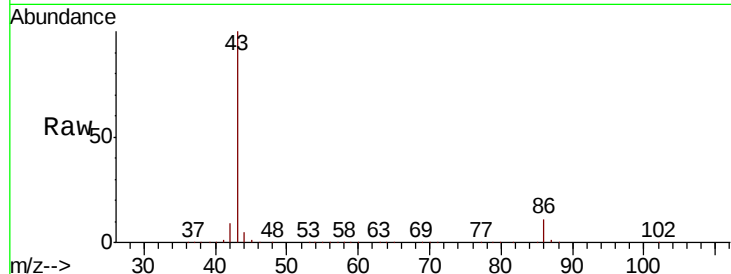
VX0808WBS01

Tot Ion: 43 Resp: 1193398

Ion Ratio Lower Upper

43 100

86 11.5 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.11 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

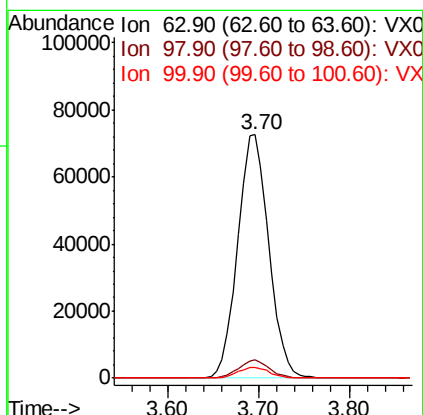
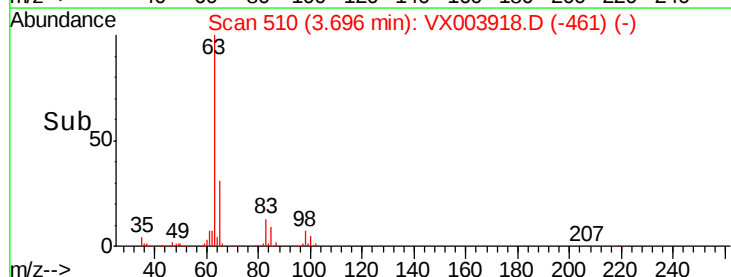
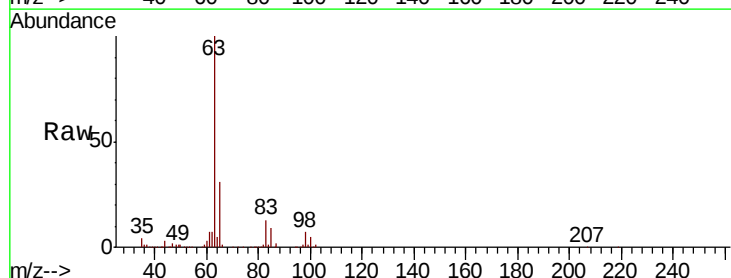
Tgt Ion: 63 Resp: 172822

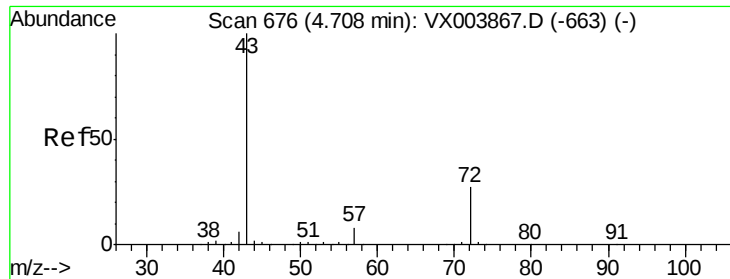
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 98.63 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

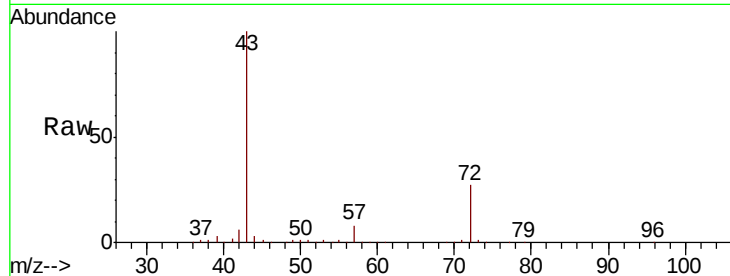
VX0808WBS01

Tot Ion: 43 Resp: 444753

Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

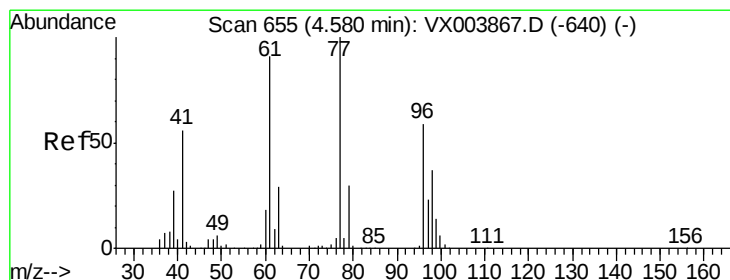
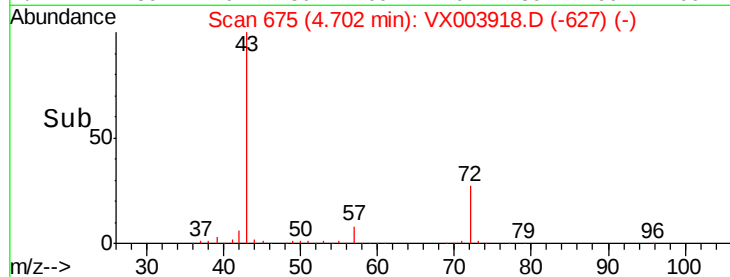
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 21.44 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003918.D

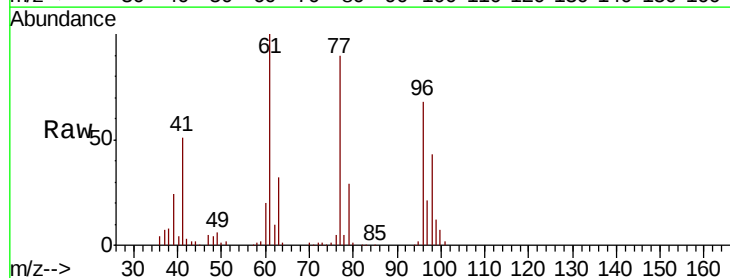
Acq: 08 Aug 2018 12:52

Tgt Ion: 77 Resp: 132848

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

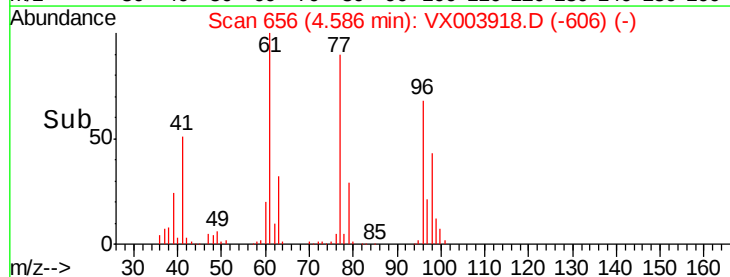
30000

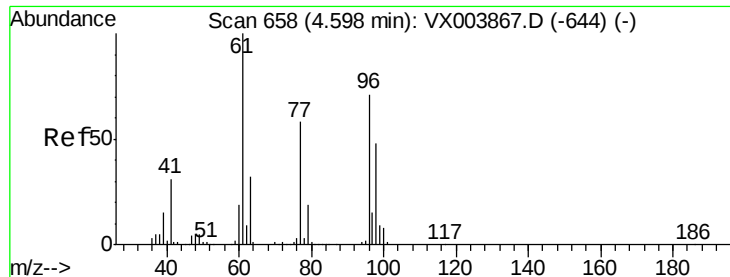
20000

10000

0

Time-->



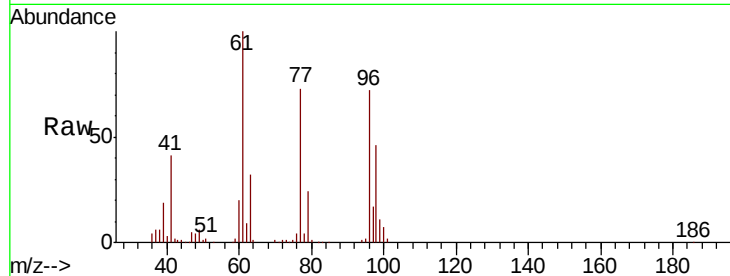


#27

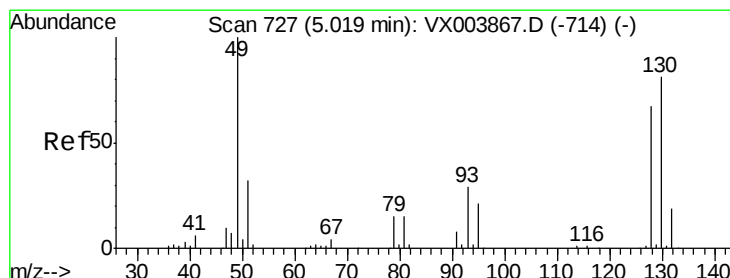
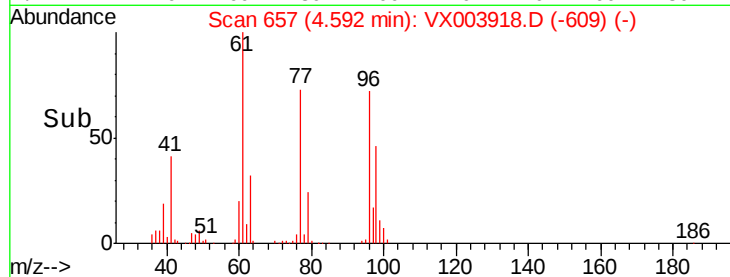
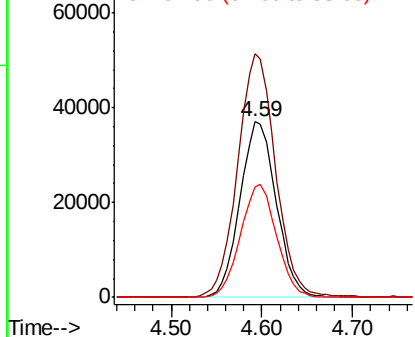
cis-1,2-Dichloroethene
 Concen: 20.44 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	293.0
98	64.1	0.0	131.8



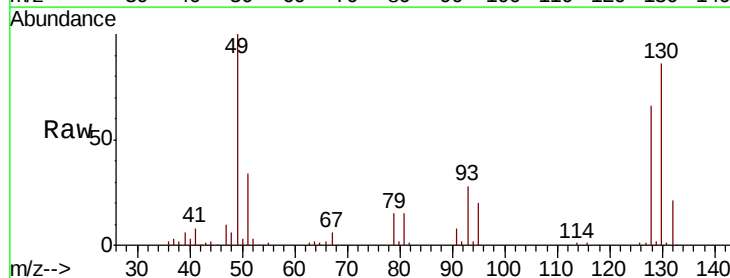
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



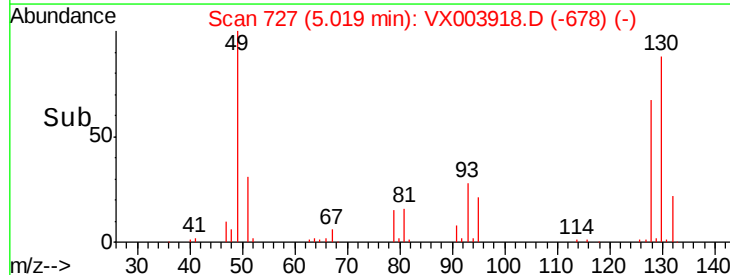
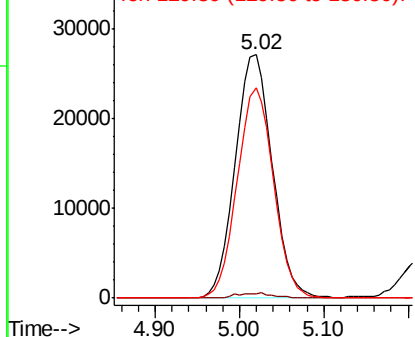
#28

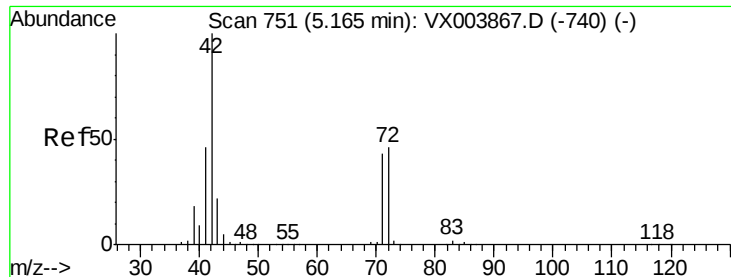
Bromochloromethane
 Concen: 22.08 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	84.5	66.5	99.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.46 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0808WBS01

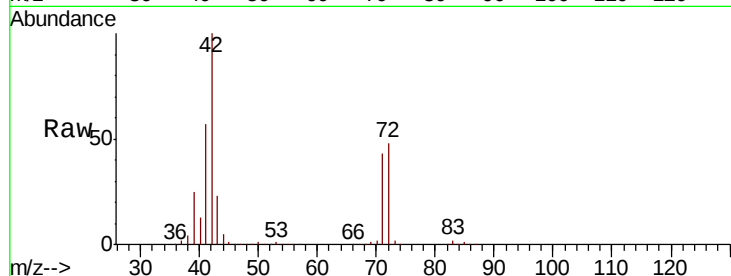
Tot Ion: 42 Resp: 223576

Ion Ratio Lower Upper

42 100

72 47.6 37.7 56.5

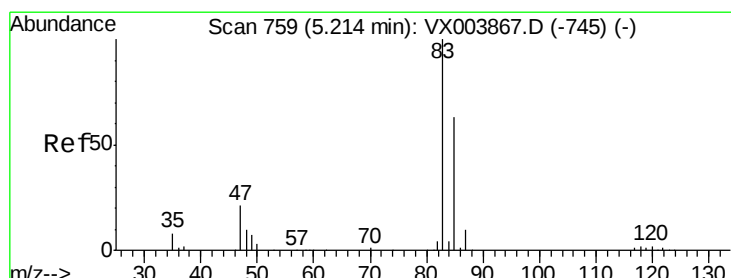
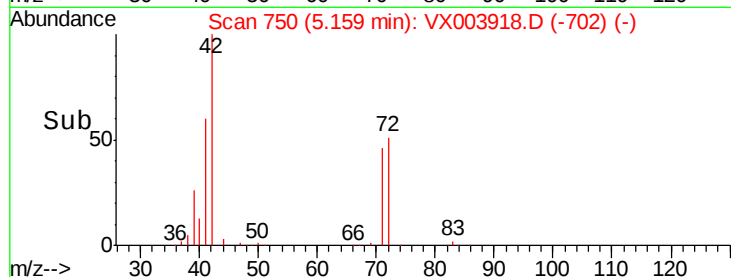
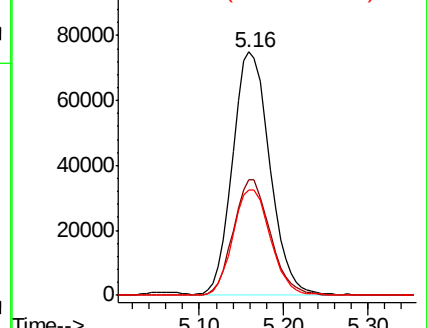
71 44.3 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.47 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003918.D

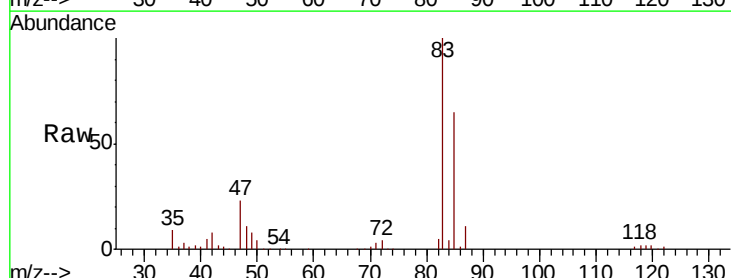
Acq: 08 Aug 2018 12:52

Tgt Ion: 83 Resp: 165550

Ion Ratio Lower Upper

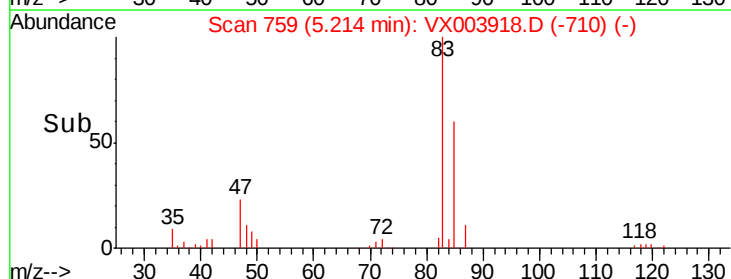
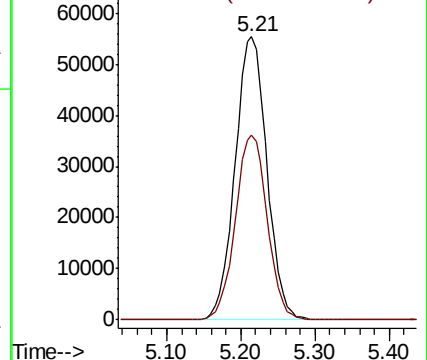
83 100

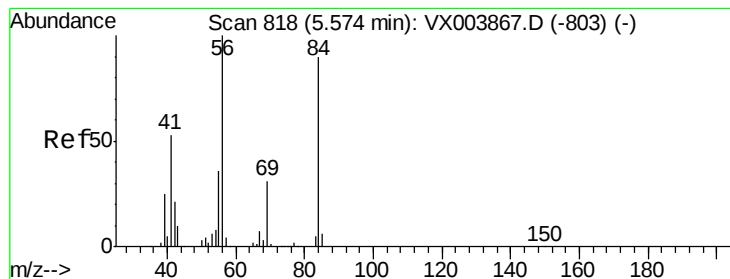
85 65.3 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.94 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

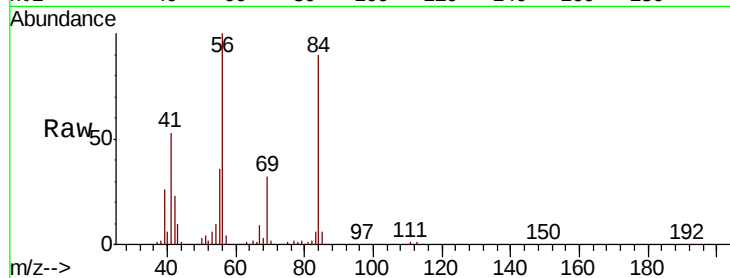
Tot Ion: 56 Resp: 144898

Ion Ratio Lower Upper

56 100

69 31.6 24.9 37.3

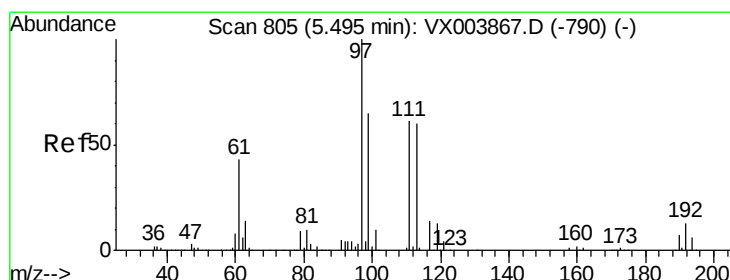
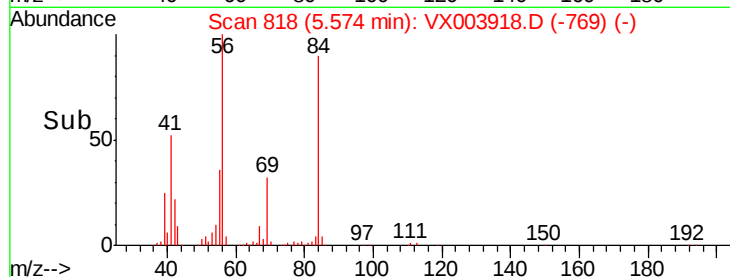
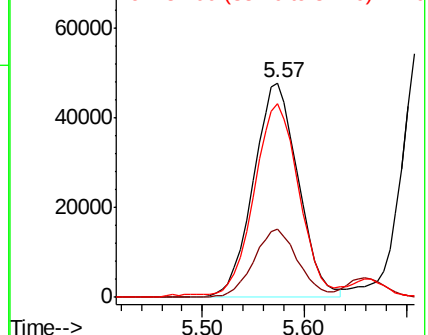
84 88.9 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.94 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

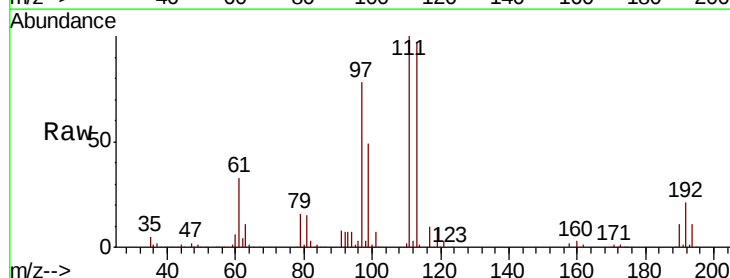
Tgt Ion: 97 Resp: 142041

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

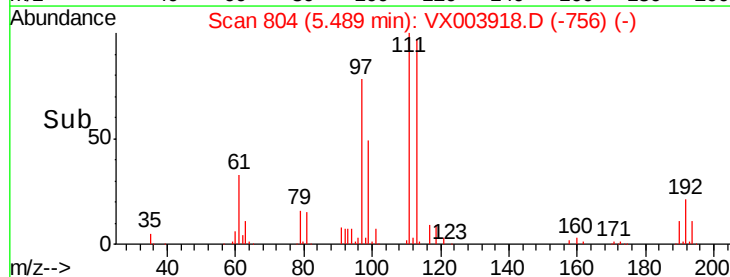
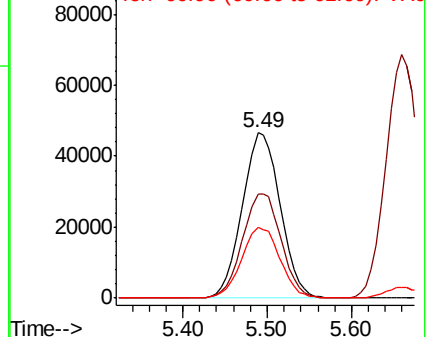
61 43.6 34.4 51.6

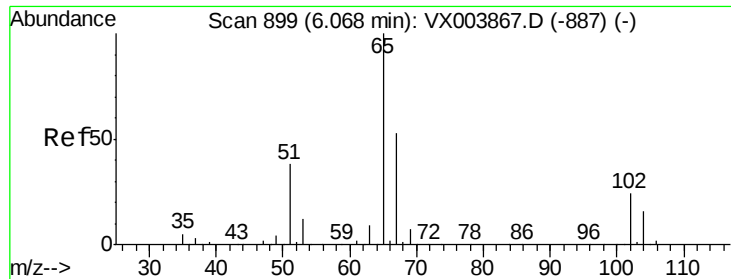


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

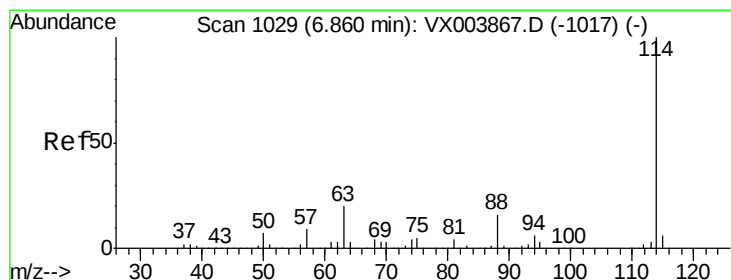
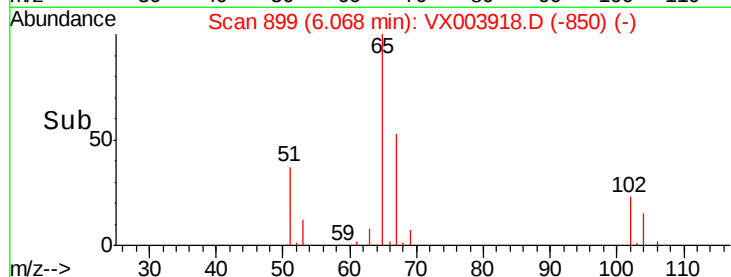
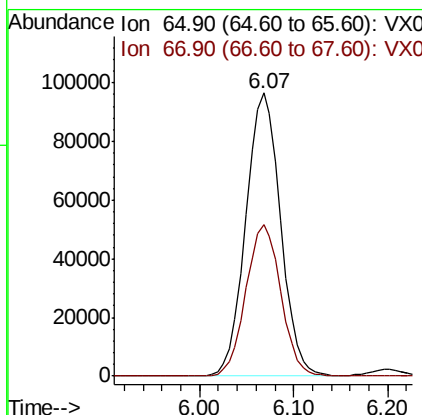
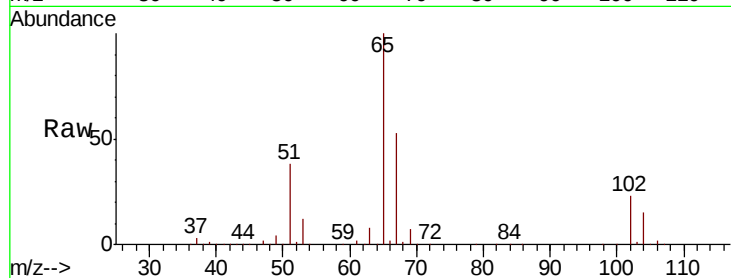




#33
 1,2-Dichloroethane-d4
 Concen: 49.37 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

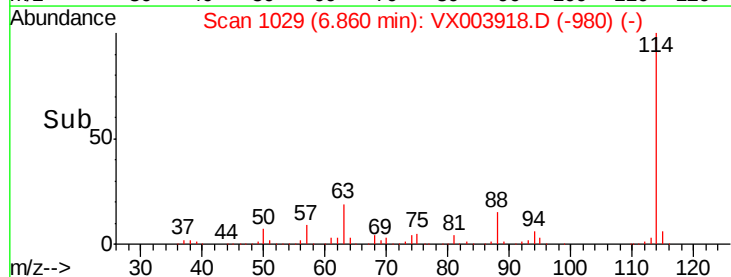
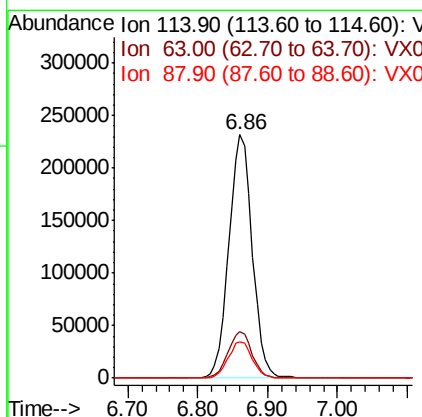
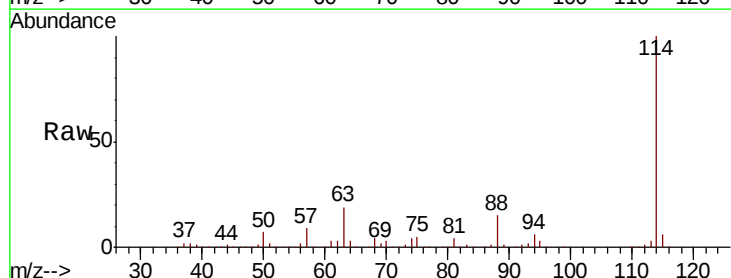
Instrument :
 MSVOA_X
 ClientSampled :
 VX0808WBS01

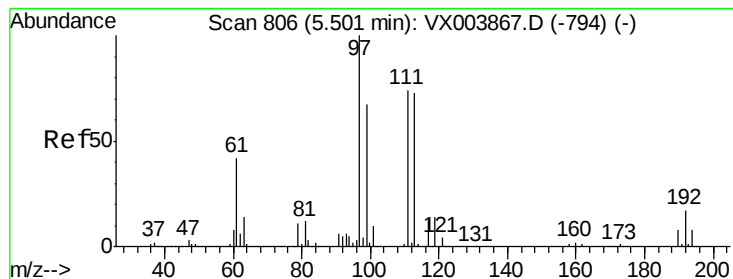
Tot Ion: 65 Resp: 248926
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion: 114 Resp: 537484
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 14.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.94 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

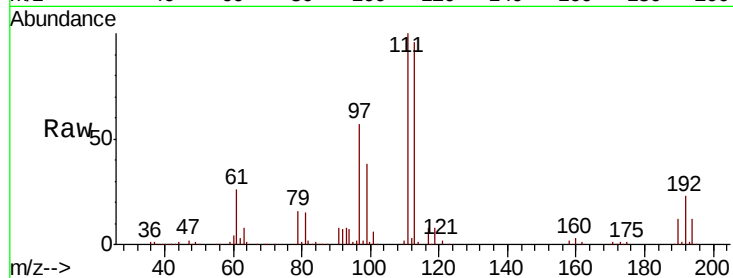
Tot Ion:113 Resp: 207423

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

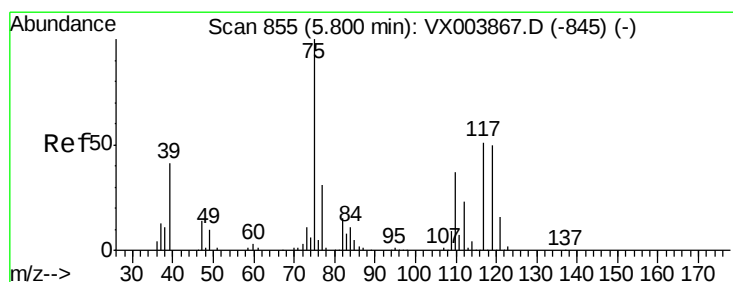
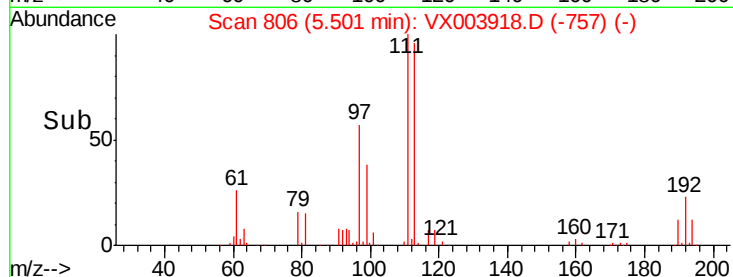
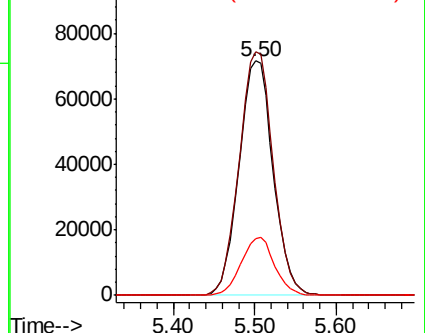
192 24.0 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.37 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

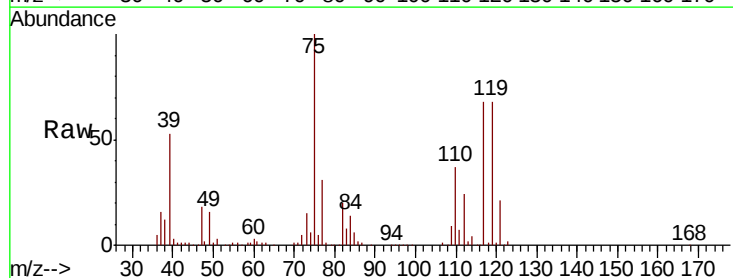
Tgt Ion: 75 Resp: 128656

Ion Ratio Lower Upper

75 100

110 36.6 18.2 54.6

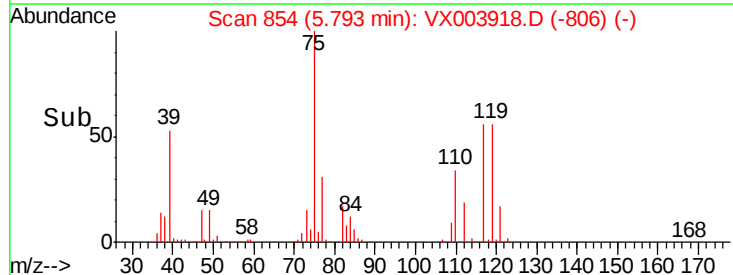
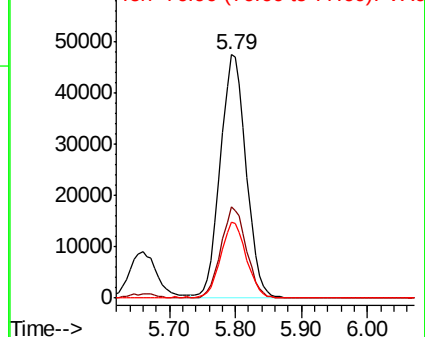
77 31.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

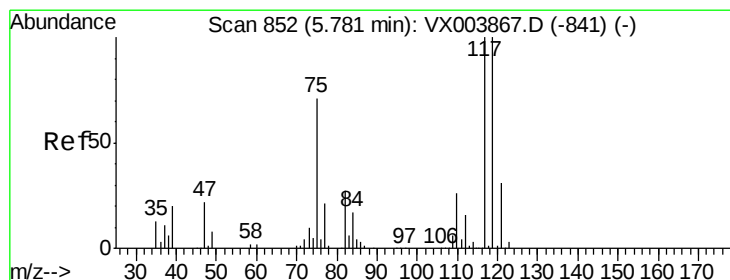
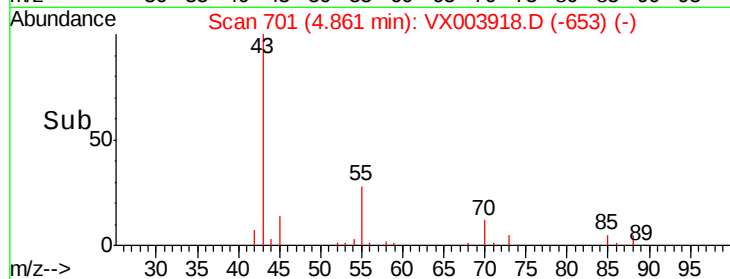
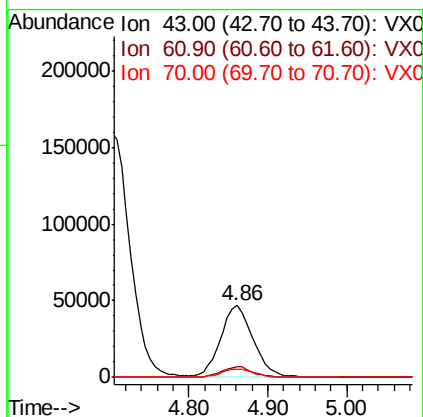
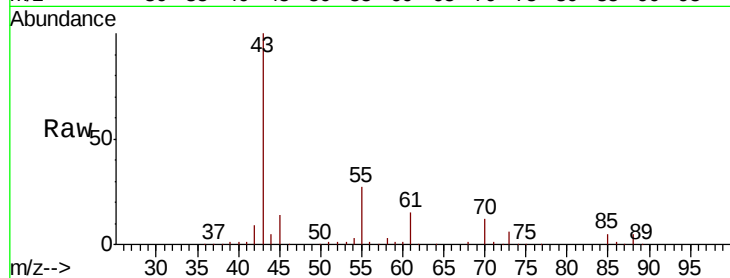




#37
Ethyl Acetate
Concen: 20.34 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

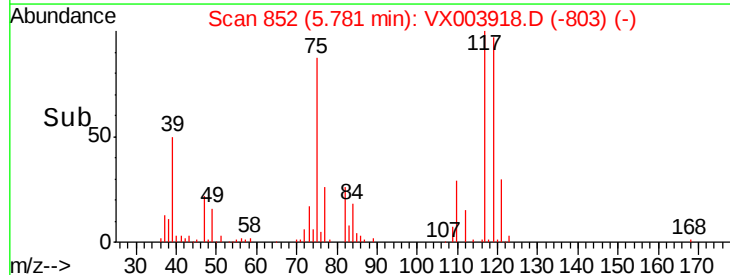
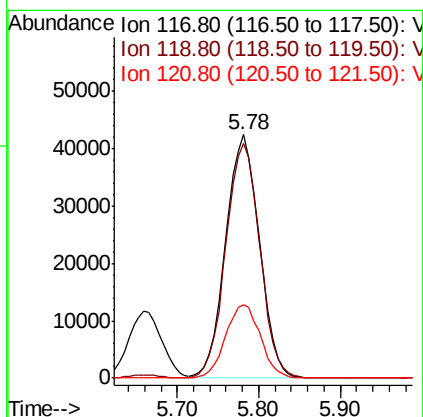
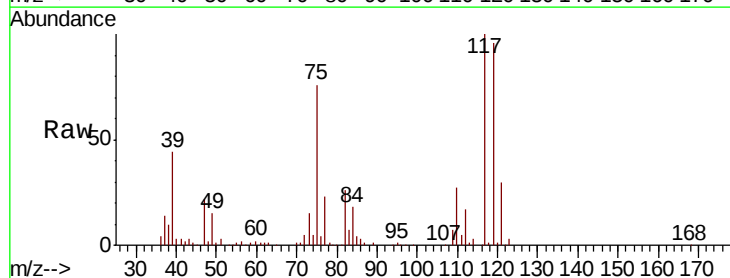
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS01

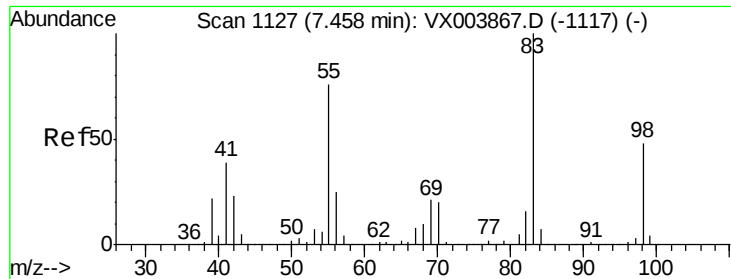
Tot Ion: 43 Resp: 134720
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.5 9.0 13.4



#38
Carbon Tetrachloride
Concen: 21.22 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion: 117 Resp: 121592
Ion Ratio Lower Upper
117 100
119 96.4 79.5 119.3
121 30.1 25.0 37.4

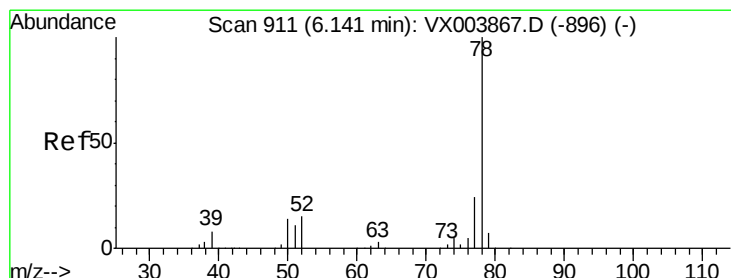
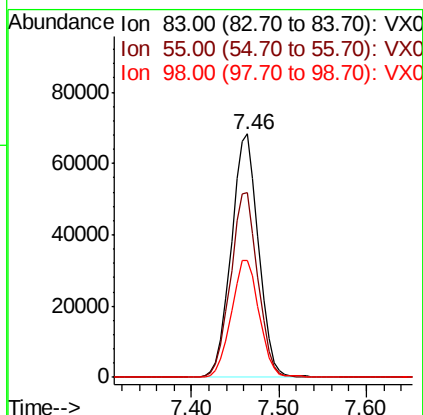
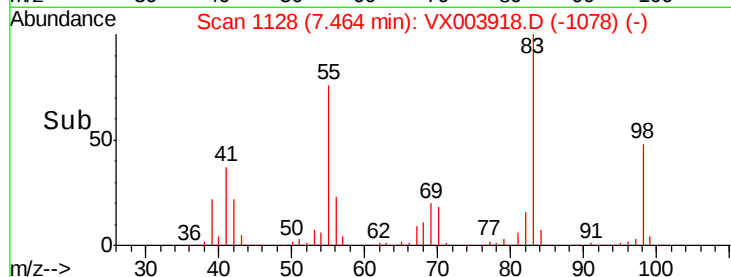
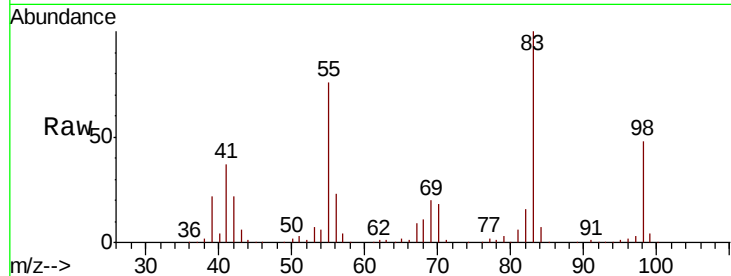




#39
Methvlcvclohexane
Concen: 20.92 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

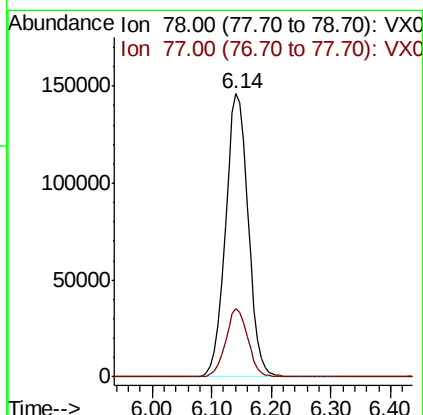
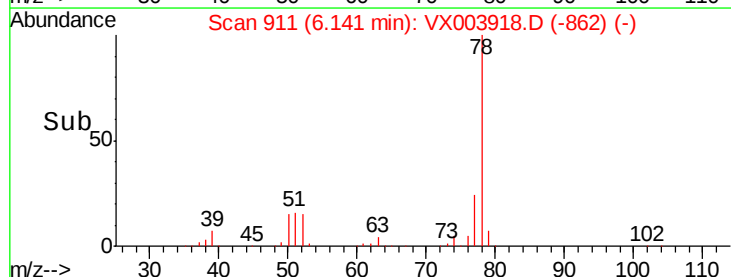
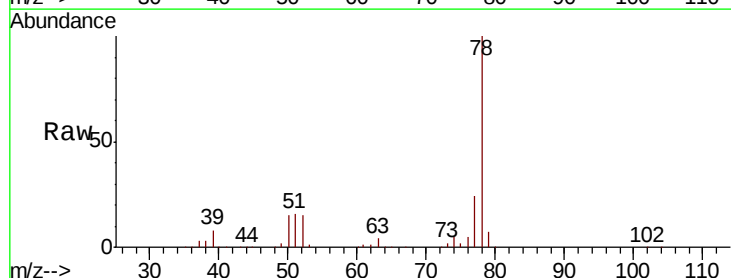
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS01

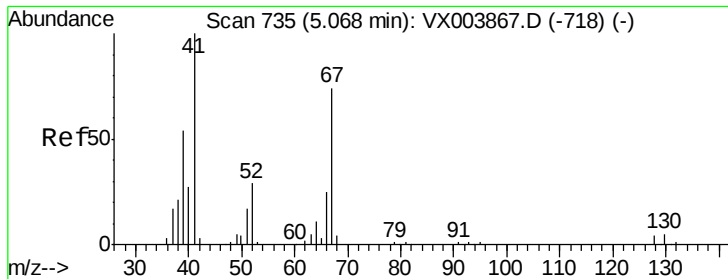
Tot Ion: 83 Resp: 148469
Ion Ratio Lower Upper
83 100
55 75.7 61.0 91.6
98 48.2 38.6 57.8



#40
Benzene
Concen: 21.39 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion: 78 Resp: 386598
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

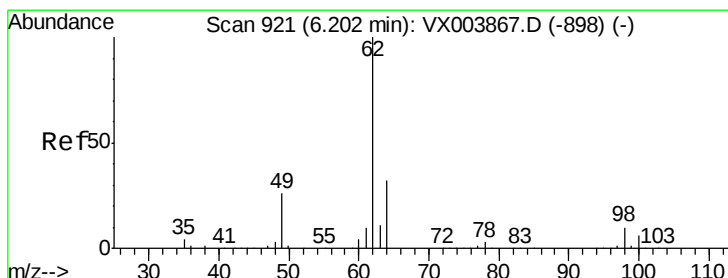
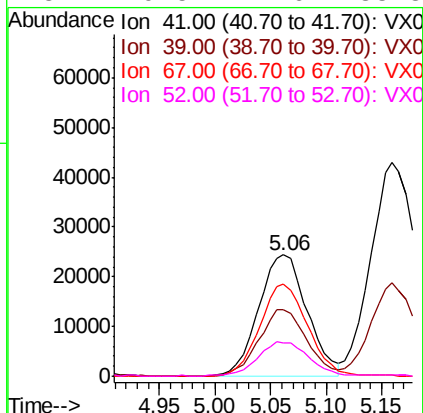
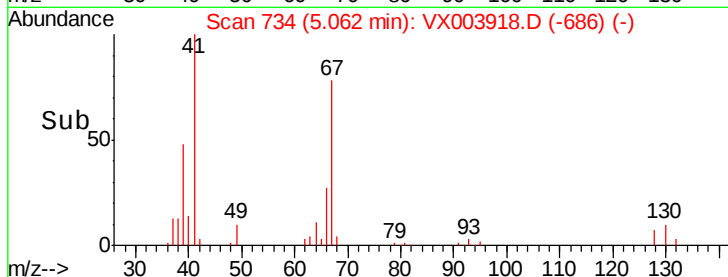
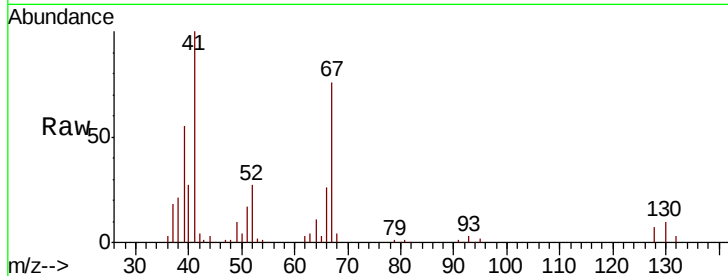




#41
Methacrylonitrile
Concen: 20.17 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

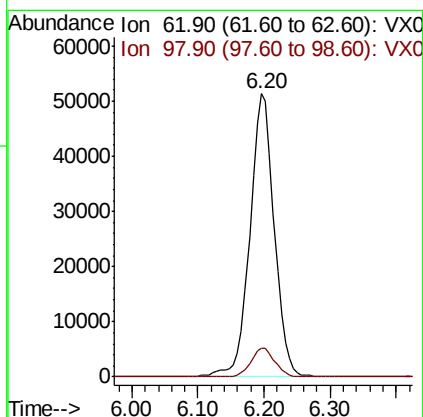
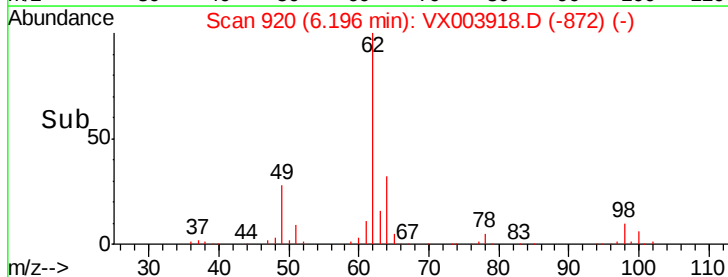
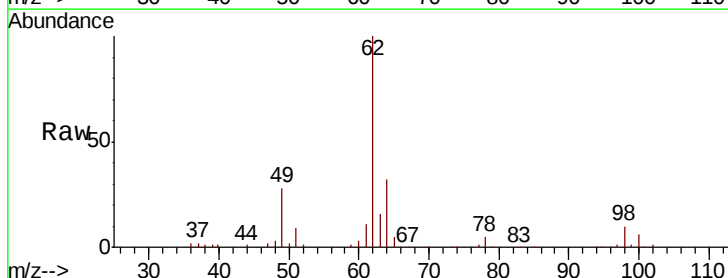
Instrument :
MSVOA_X
ClientSampled :
VX0808WBS01

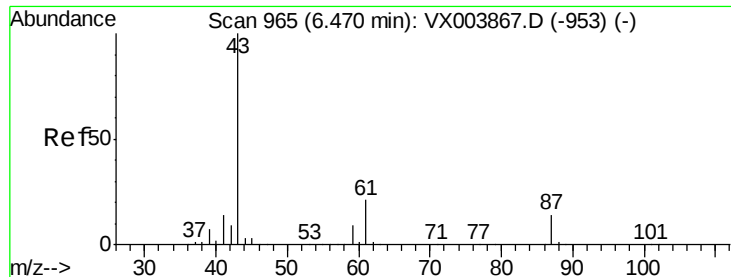
Tot Ion:	41	Resp:	73565
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.7	64.1
67	75.8	58.9	88.3
52	29.5	22.6	33.8



#42
1,2-Dichloroethane
Concen: 21.57 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion:	62	Resp:	131818
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 20.43 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0808WBS01

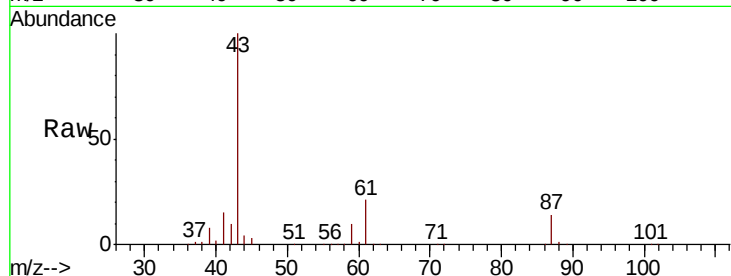
Tot Ion: 43 Resp: 203538

Ion Ratio Lower Upper

43 100

61 21.2 16.9 25.3

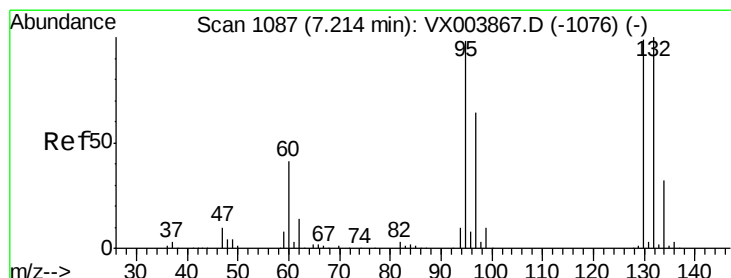
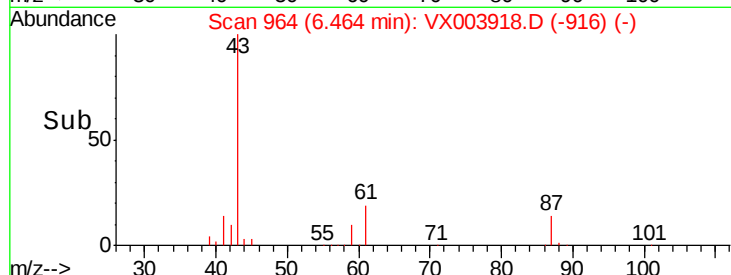
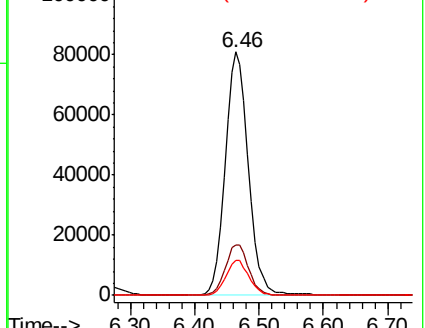
87 14.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX003867.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX003867.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX003867.D (-953) (-)



#44

Trichloroethene

Concen: 21.11 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003918.D

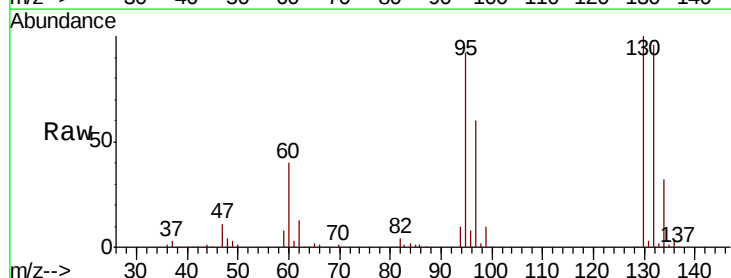
Acq: 08 Aug 2018 12:52

Tgt Ion:130 Resp: 104361

Ion Ratio Lower Upper

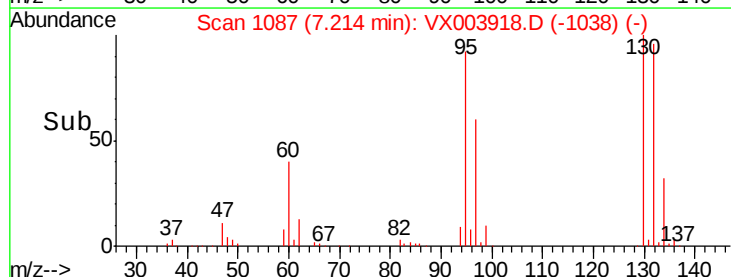
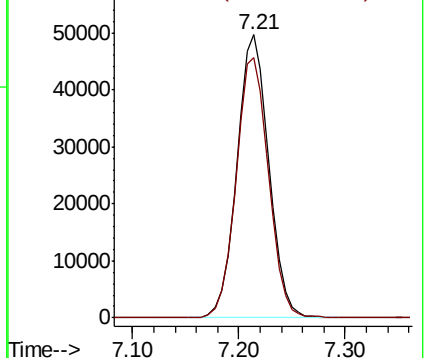
130 100

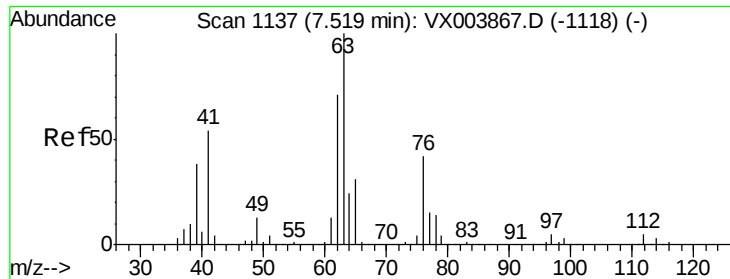
95 92.1 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VX003867.D (-1076) (-)

Ion 94.90 (94.60 to 95.60): VX003867.D (-1076) (-)

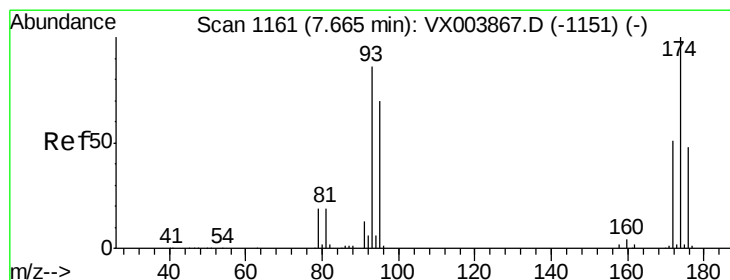
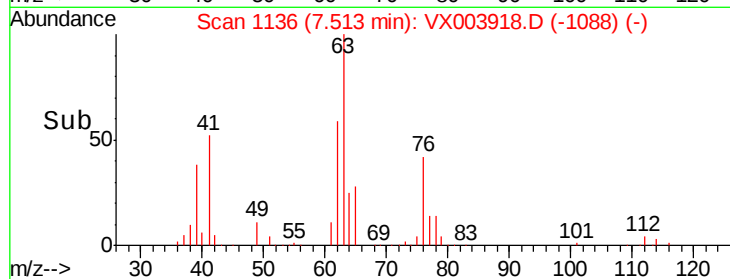
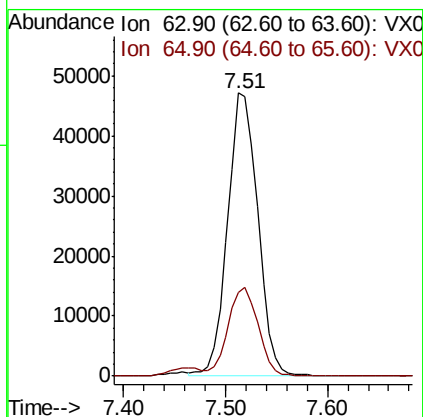
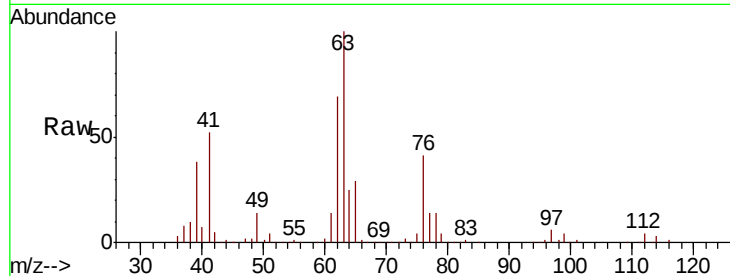




#45
 1,2-Dichloropropane
 Concen: 20.54 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

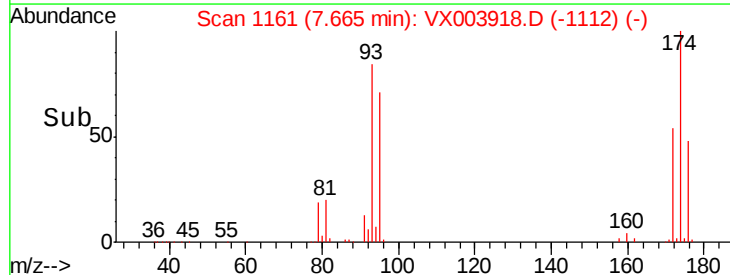
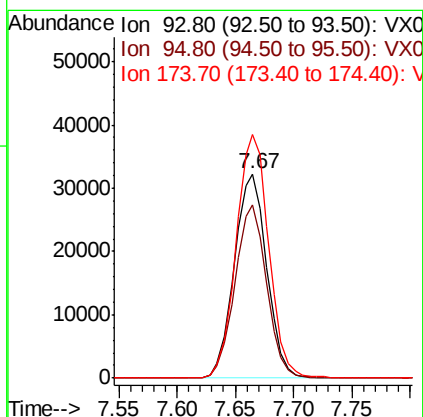
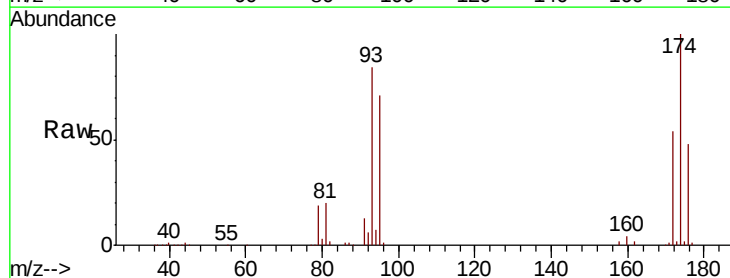
Instrument :
 MSVOA_X
 ClientSampled :
 VX0808WBS01

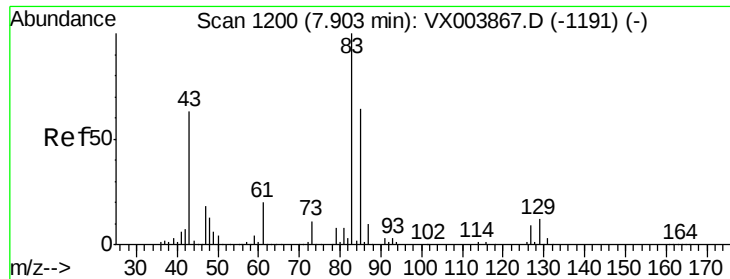
Tot Ion: 63 Resp: 95880
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.6 36.8



#46
 Dibromomethane
 Concen: 20.62 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion: 93 Resp: 62503
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 119.9 94.3 141.5





#47

Bromodichloromethane

Concen: 20.86 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

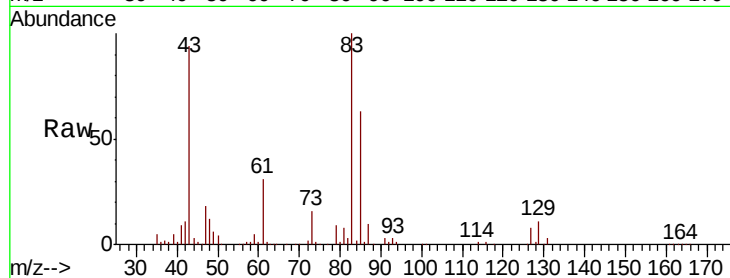
Tot Ion: 83 Resp: 119095

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

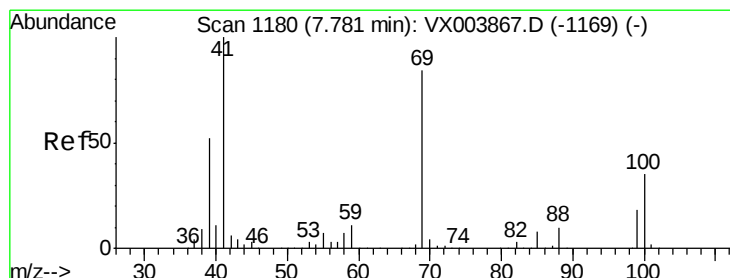
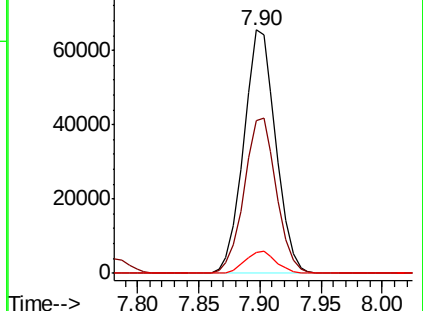
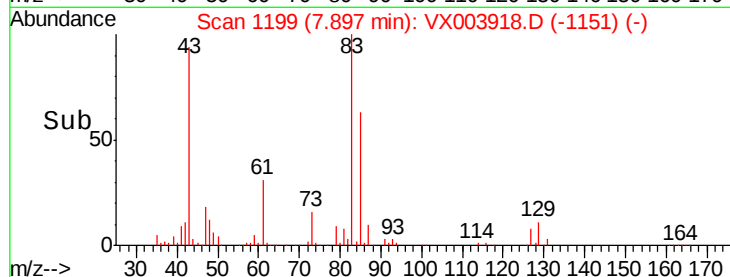
127 8.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.83 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

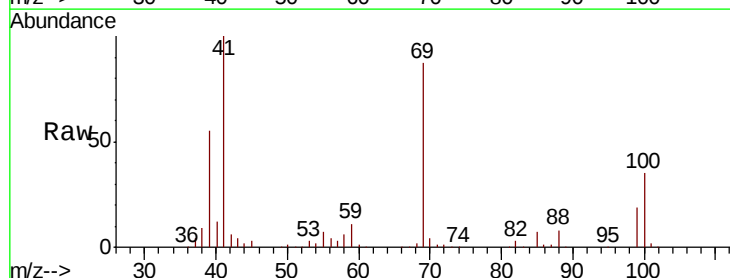
Tgt Ion: 41 Resp: 105504

Ion Ratio Lower Upper

41 100

69 87.0 68.8 103.2

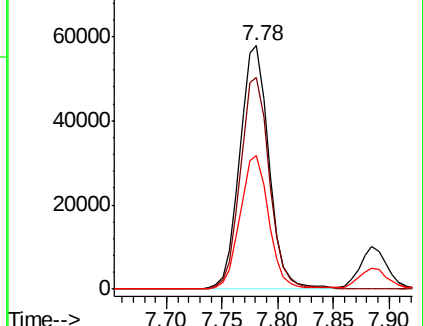
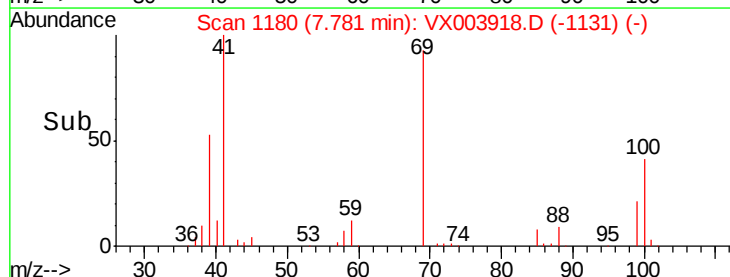
39 54.1 42.3 63.5

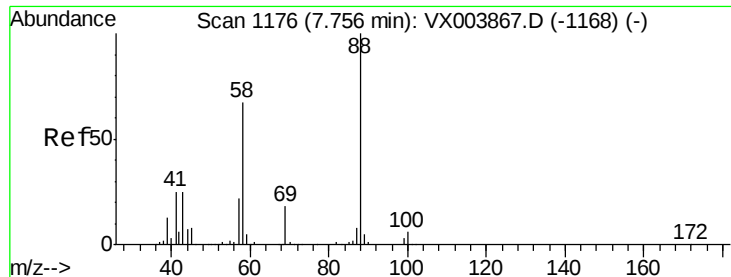


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

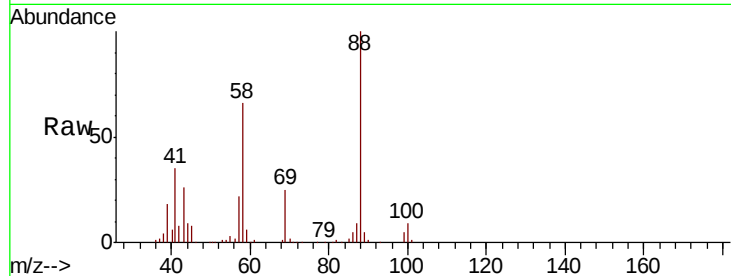




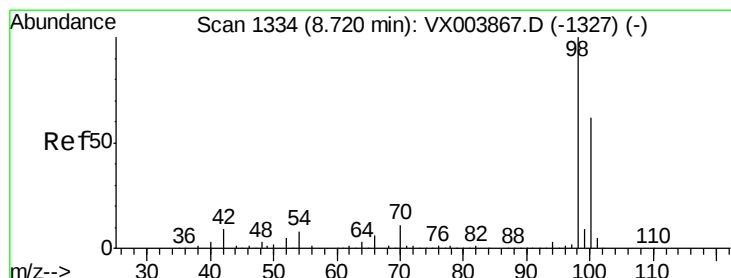
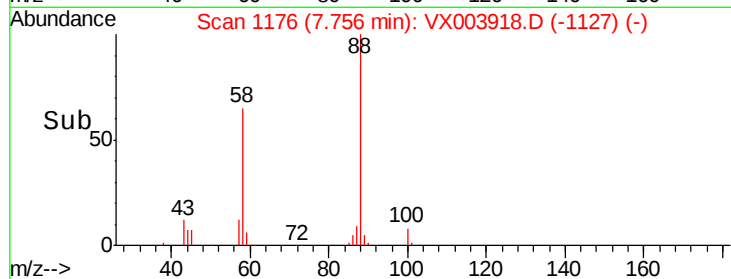
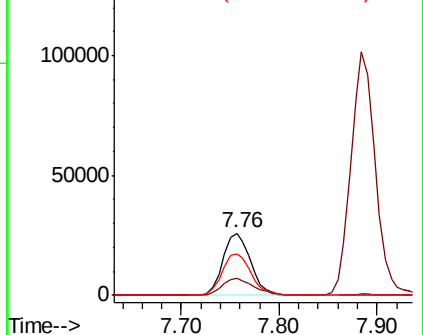
#49
 1,4-Dioxane
 Concen: 425.53 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

Tot Ion	88	Resp	50778
Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.8	35.8
58	70.4	55.4	83.0

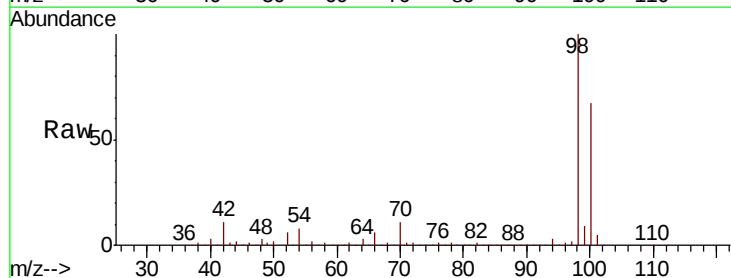


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

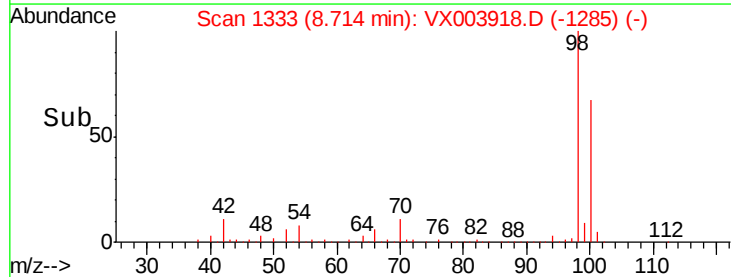
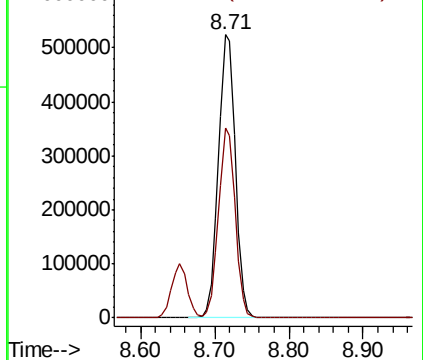


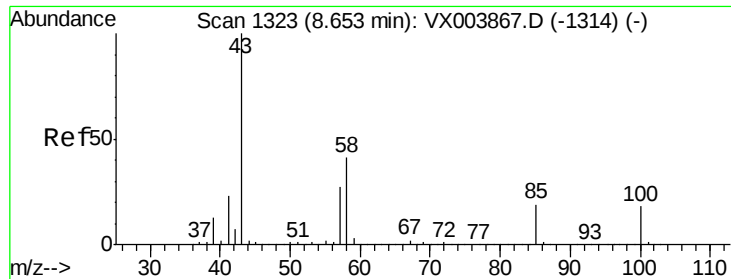
#50
 Toluene-d8
 Concen: 51.89 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion	98	Resp	821615
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 104.98 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

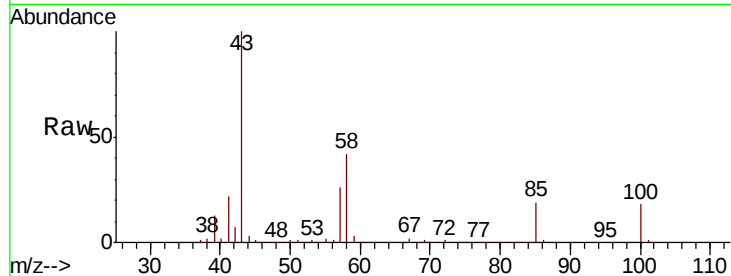
VX0808WBS01

Tot Ion: 43 Resp: 867157

Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

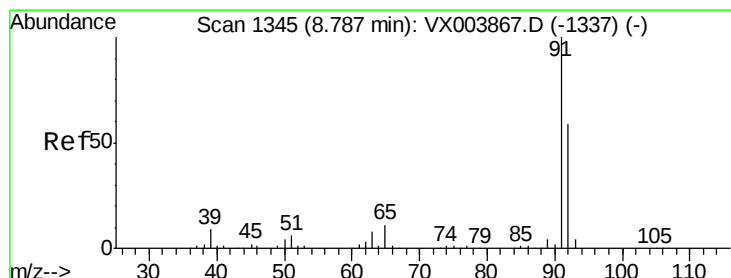
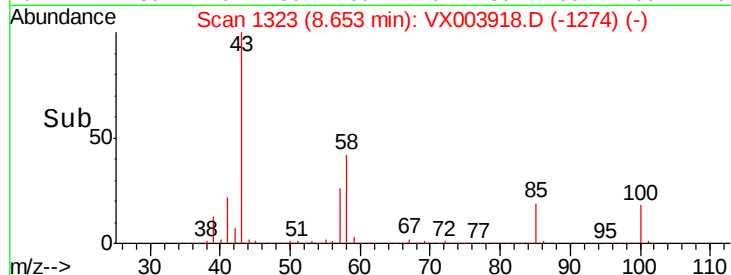
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 21.70 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003918.D

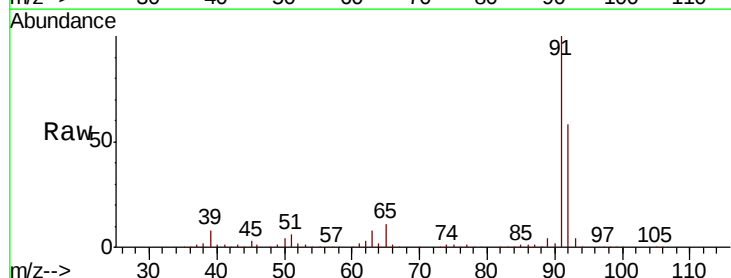
Acq: 08 Aug 2018 12:52

Tgt Ion: 92 Resp: 247855

Ion Ratio Lower Upper

92 100

91 171.2 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

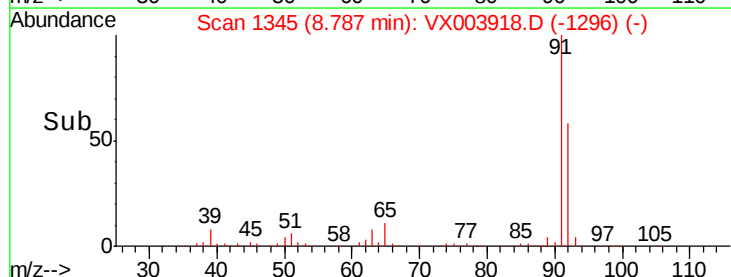
100000

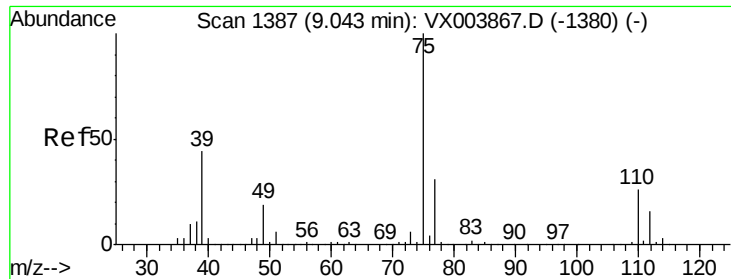
50000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.00 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

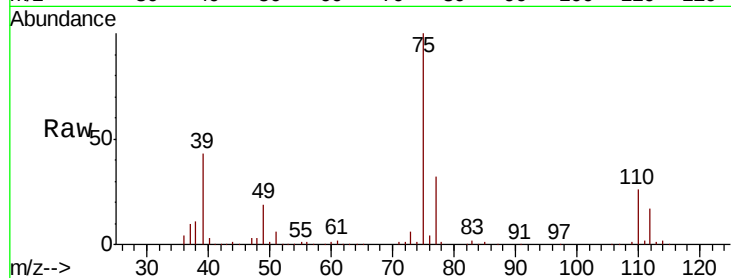
VX0808WBS01

Tot Ion: 75 Resp: 135490

Ion Ratio Lower Upper

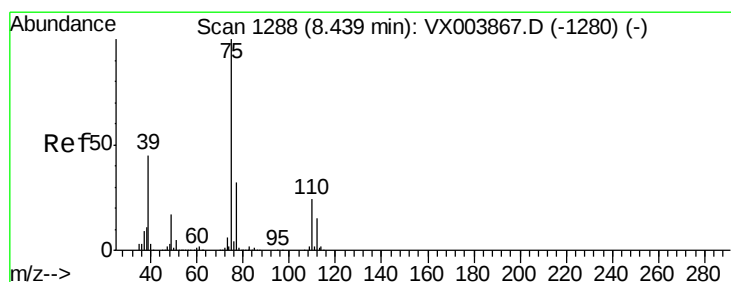
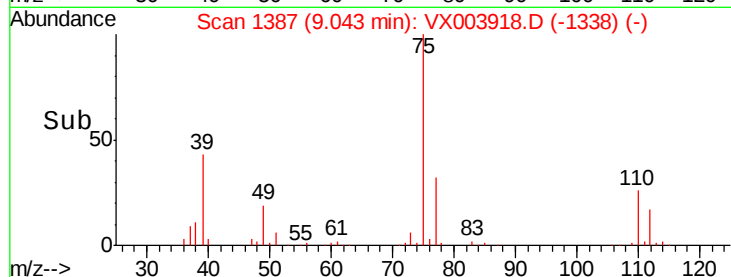
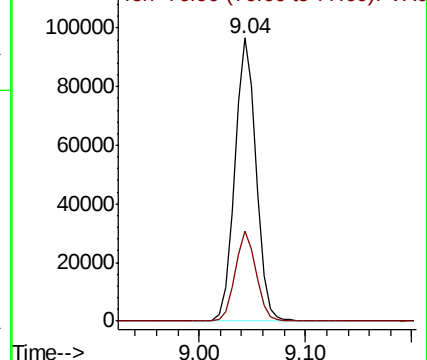
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.42 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

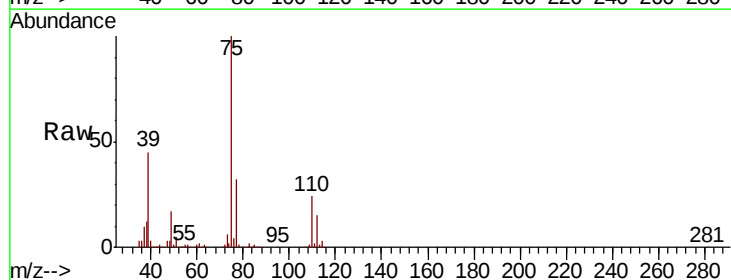
Tgt Ion: 75 Resp: 149050

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

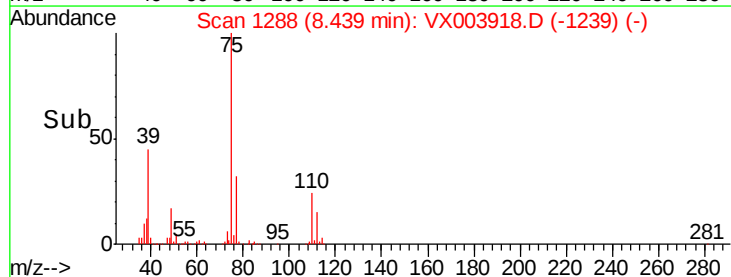
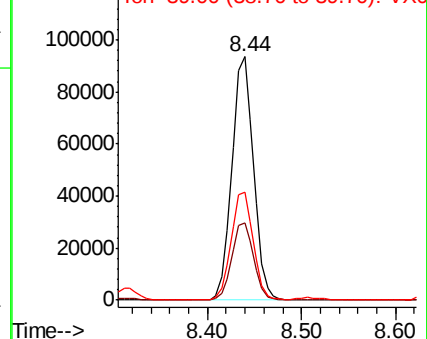
39 44.4 36.2 54.2

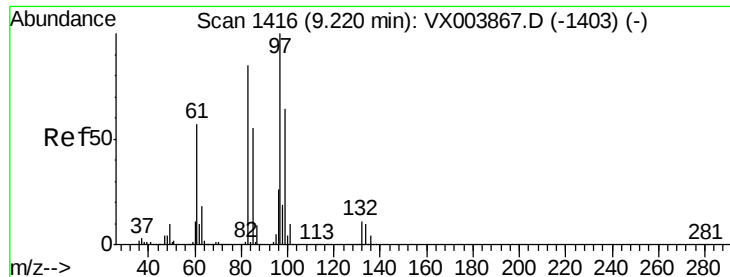


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

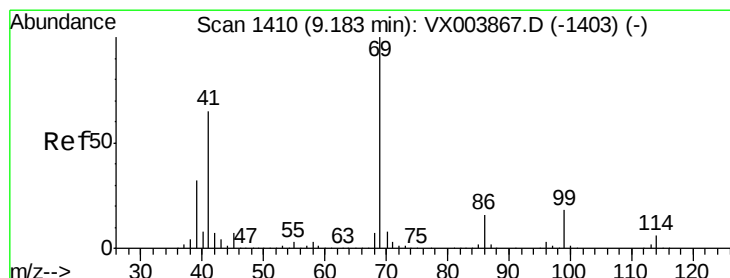
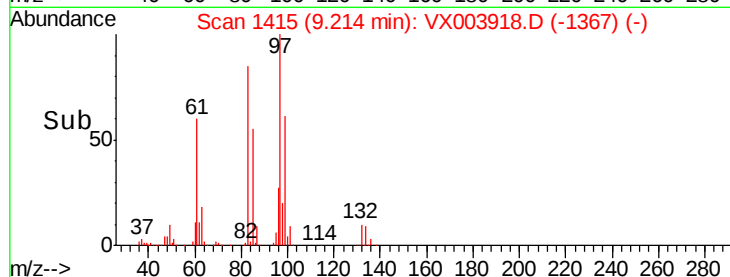
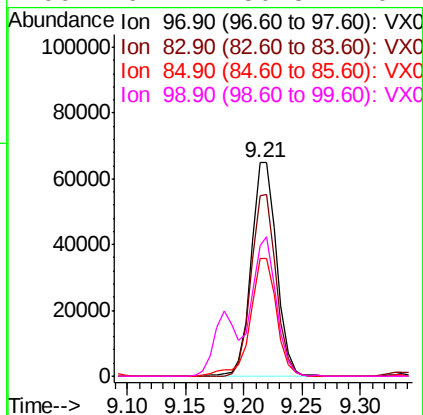
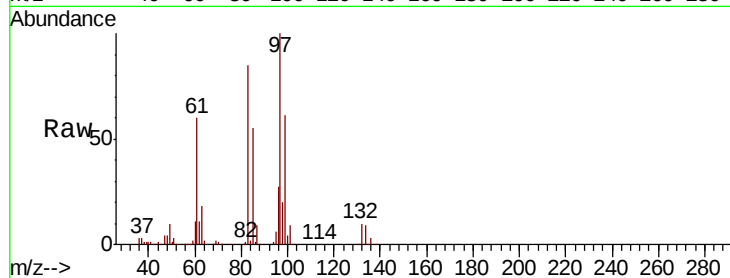




#55
 1,1,2-Trichloroethane
 Concen: 21.22 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

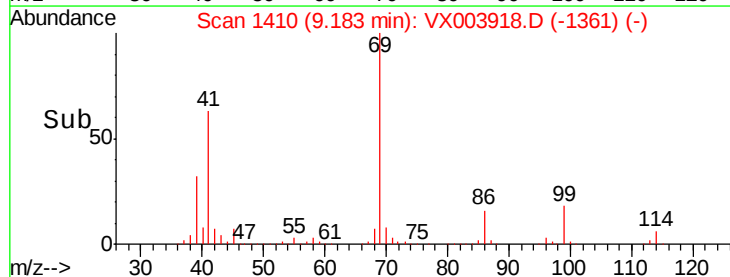
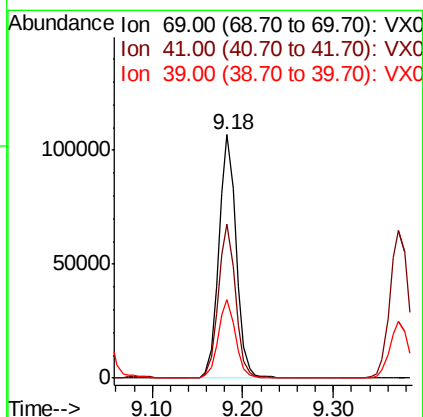
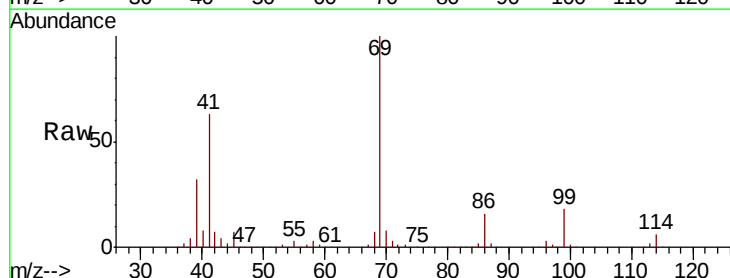
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

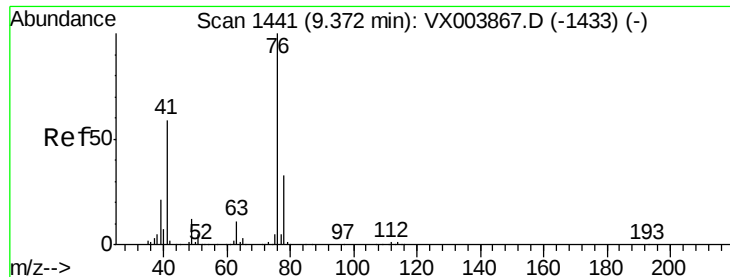
Tot Ion:	97	Resp:	99052
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.8	101.6
85	55.1	44.2	66.2
99	61.2	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 21.14 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion:	69	Resp:	143182
Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.6	76.0
39	31.9	25.8	38.6





#57

1,3-Dichloropropane

Concen: 21.42 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

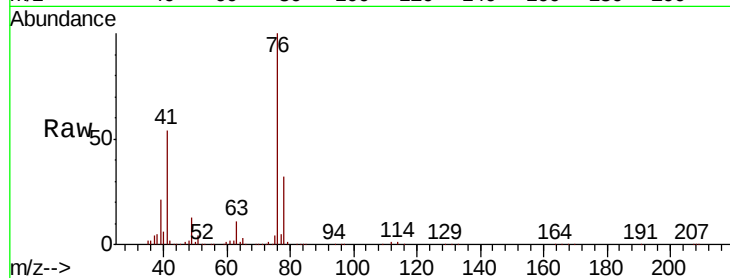
VX0808WBS01

Tot Ion: 76 Resp: 167352

Ion Ratio Lower Upper

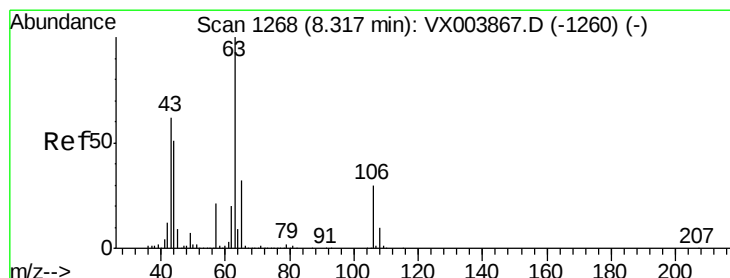
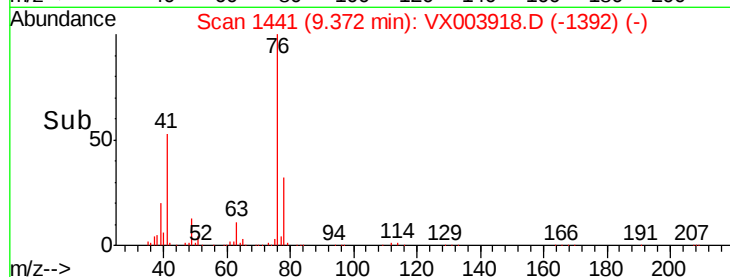
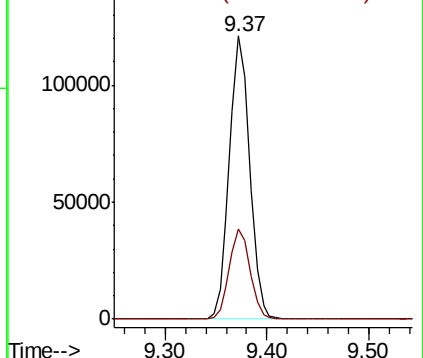
76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 109.58 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003918.D

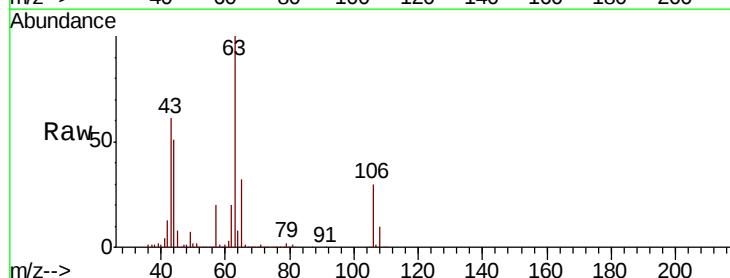
Acq: 08 Aug 2018 12:52

Tgt Ion: 63 Resp: 364899

Ion Ratio Lower Upper

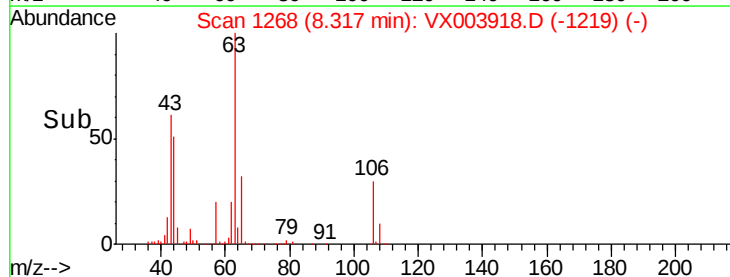
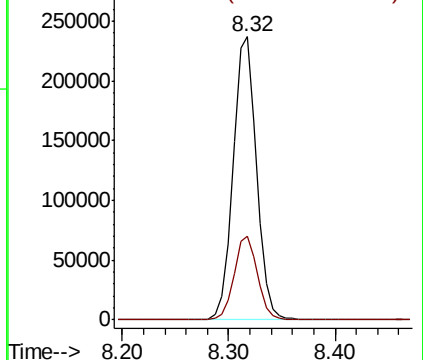
63 100

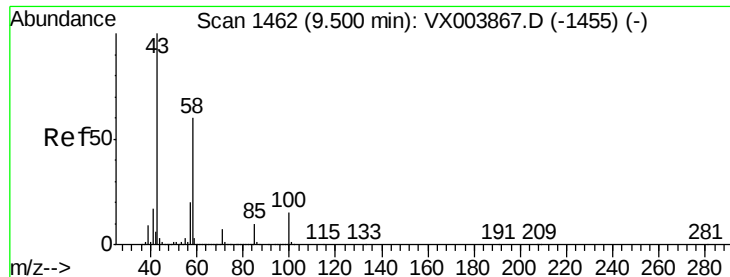
106 29.7 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

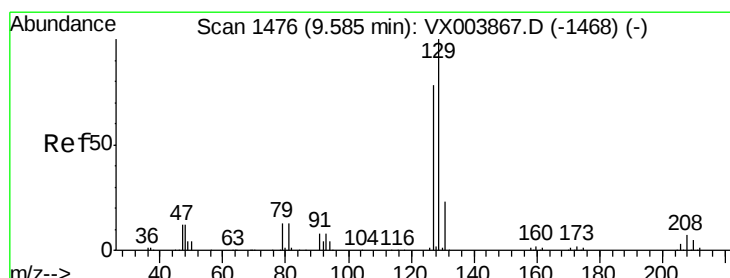
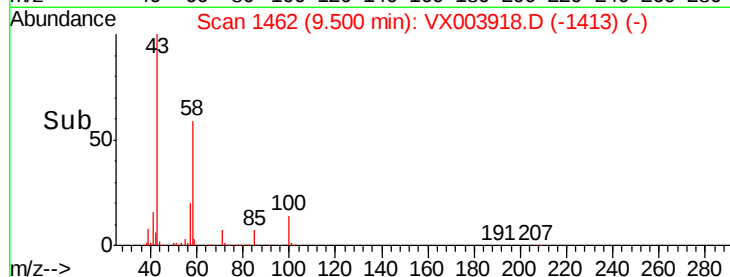
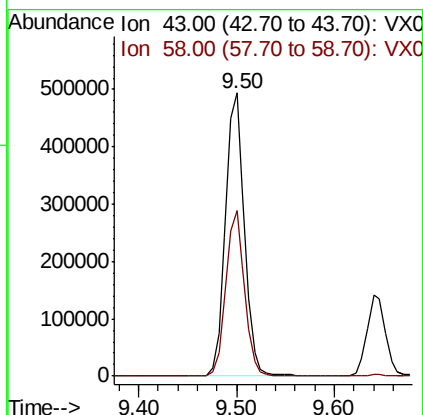
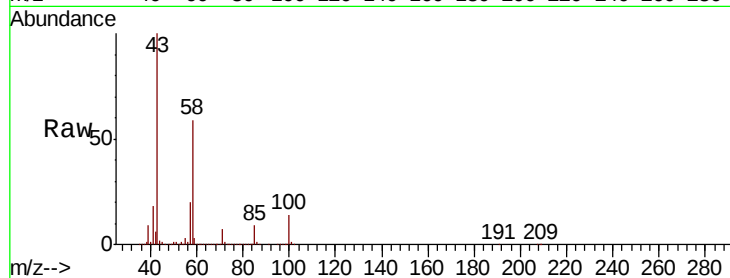




#59
2-Hexanone
Concen: 107.68 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

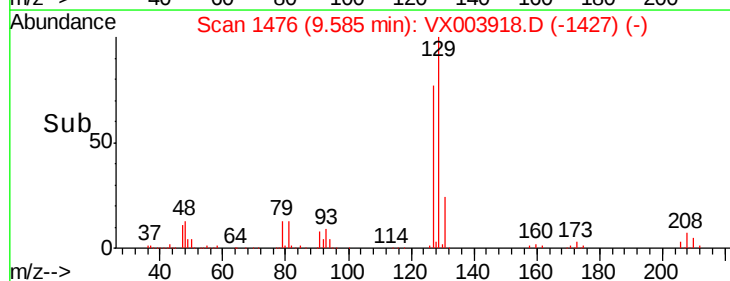
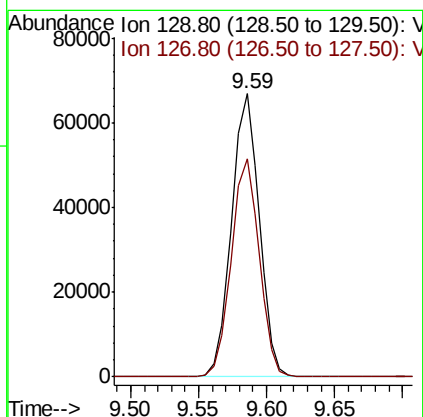
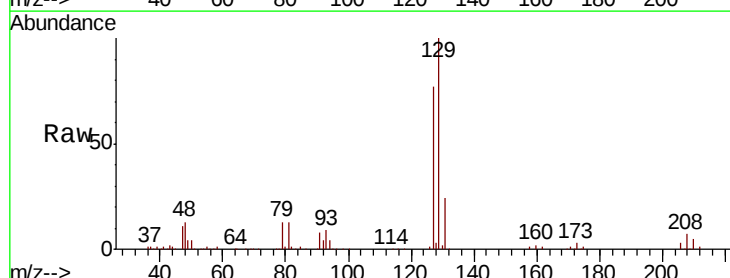
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS01

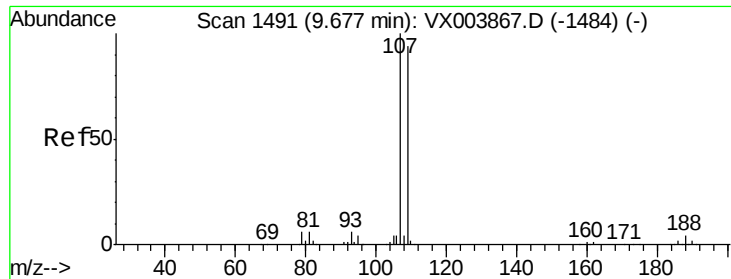
Tot Ion: 43 Resp: 664851
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 21.84 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion: 129 Resp: 95037
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 21.88 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

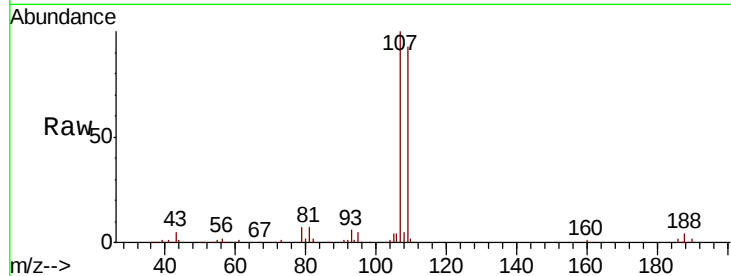
VX0808WBS01

Tot Ion:107 Resp: 102255

Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

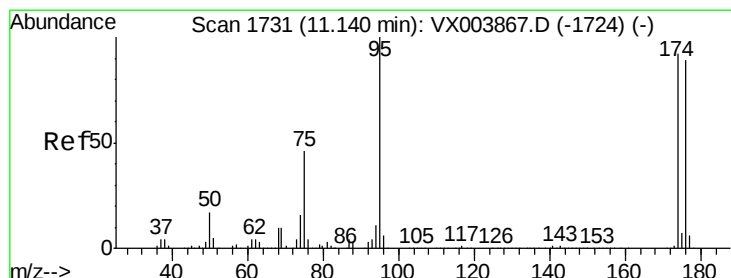
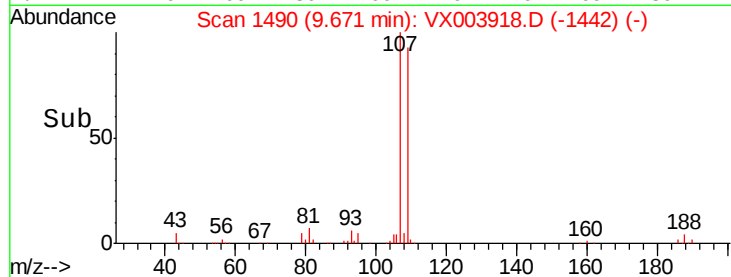
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 58.78 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

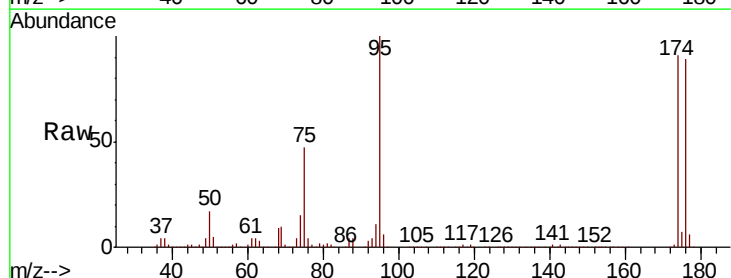
Tgt Ion: 95 Resp: 301173

Ion Ratio Lower Upper

95 100

174 91.2 0.0 182.8

176 88.7 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

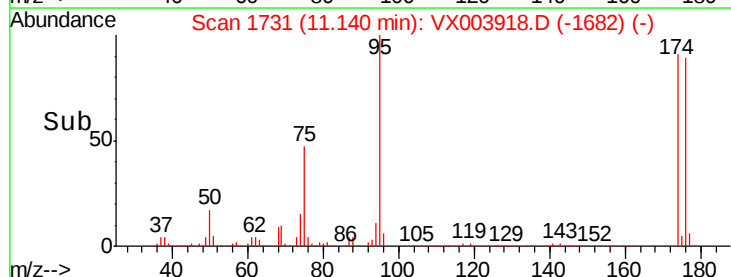
100000

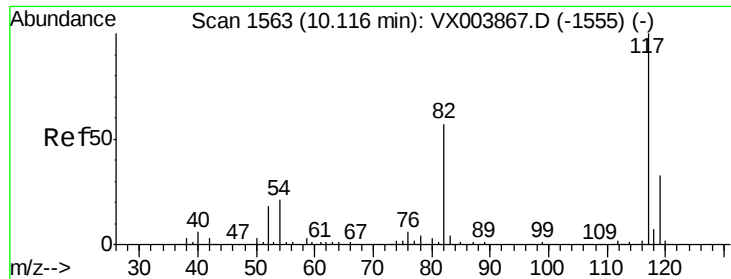
50000

0

Time-->

11.10 11.20

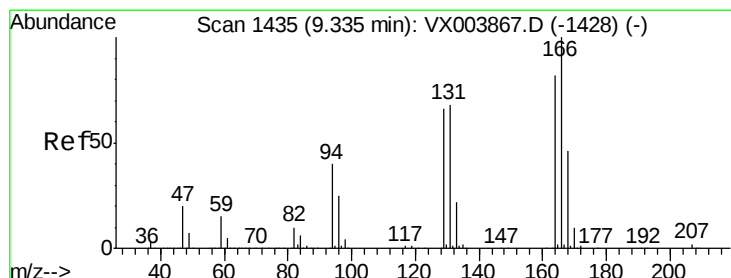
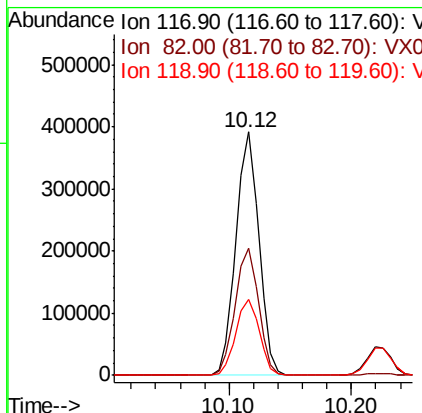
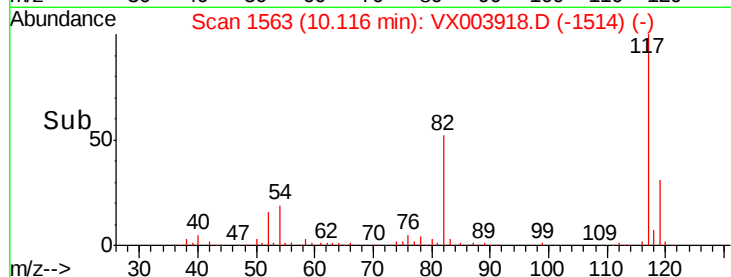
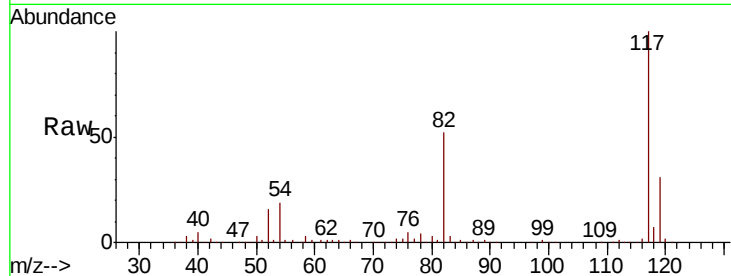




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

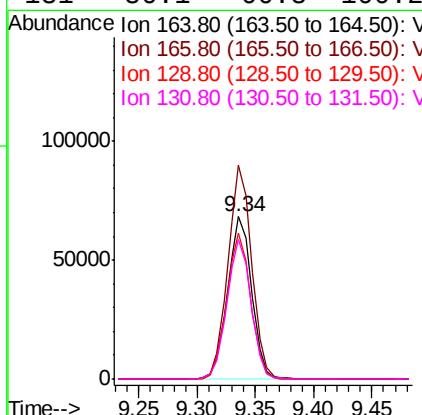
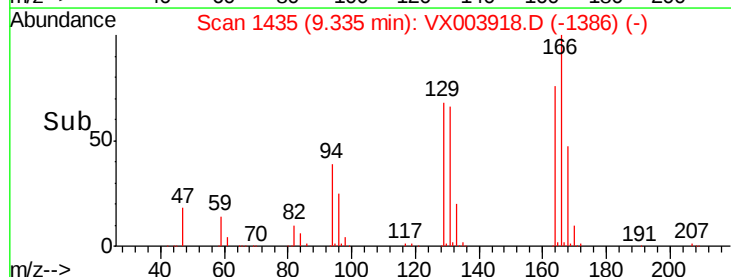
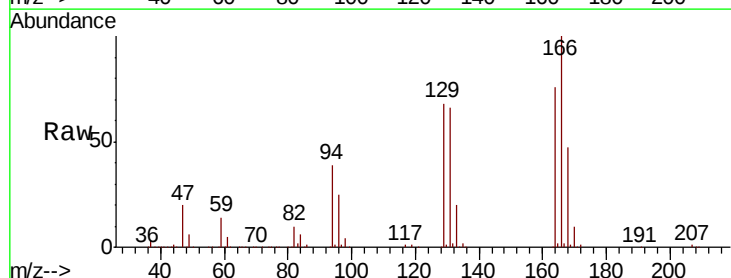
Instrument :
MSVOA_X
ClientSampled :
VX0808WBS01

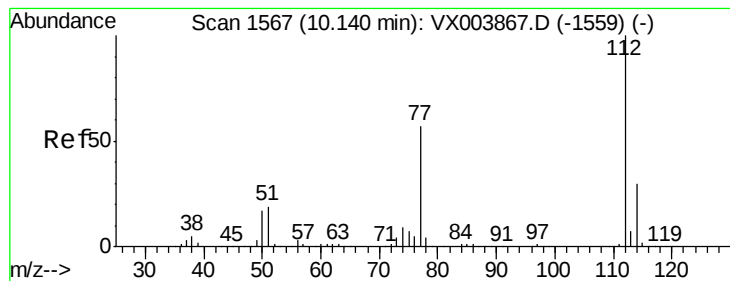
Tot Ion:117 Resp: 508668
Ion Ratio Lower Upper
117 100
82 52.1 45.4 68.0
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 19.56 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion:164 Resp: 97903
Ion Ratio Lower Upper
164 100
166 131.5 98.0 147.0
129 90.0 64.3 96.5
131 86.1 66.8 100.2





#65

Chlorobenzene

Concen: 20.97 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

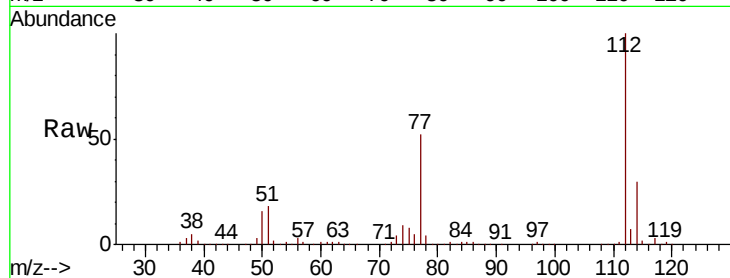
VX0808WBS01

Tot Ion:112 Resp: 277550

Ion Ratio Lower Upper

112 100

114 29.9 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

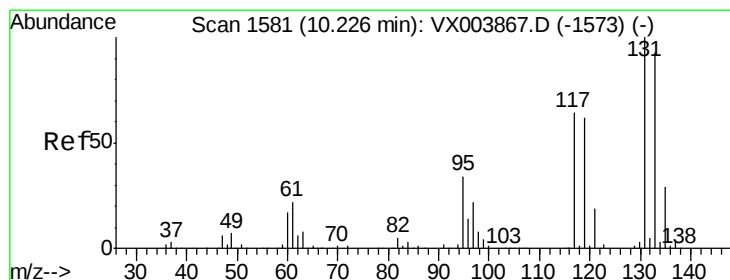
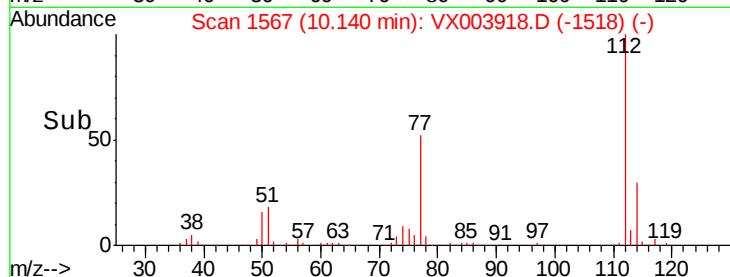
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.78 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

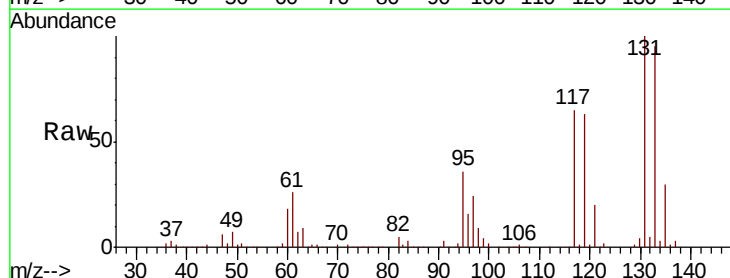
Tgt Ion:131 Resp: 94531

Ion Ratio Lower Upper

131 100

133 95.0 47.3 141.8

119 65.2 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

80000

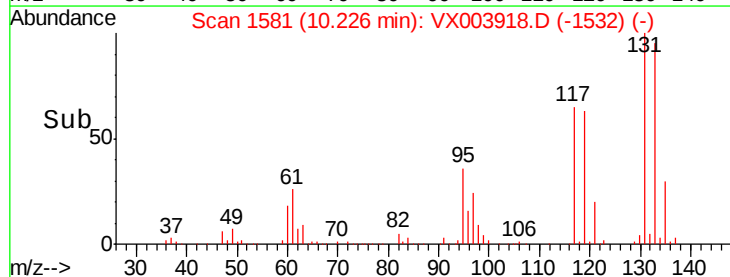
60000

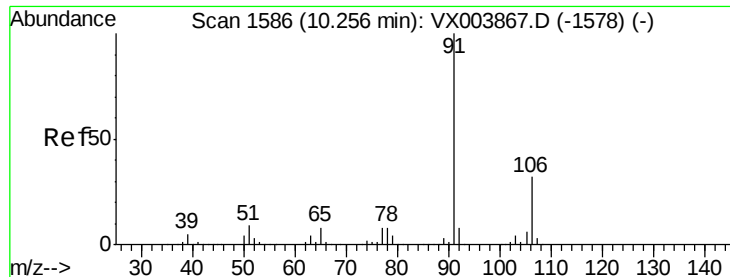
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 21.31 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

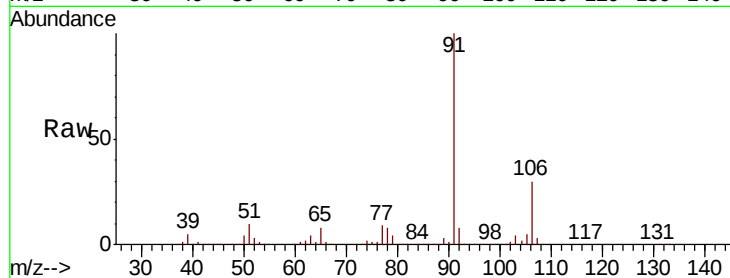
VX0808WBS01

Tot Ion: 91 Resp: 461792

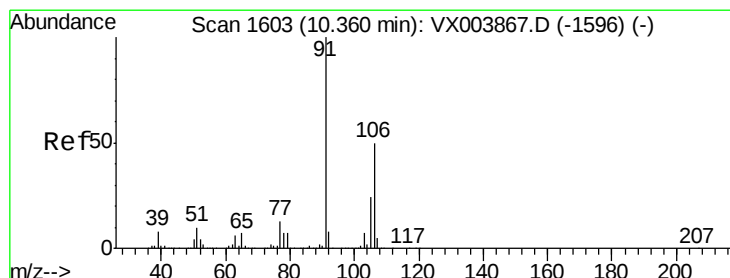
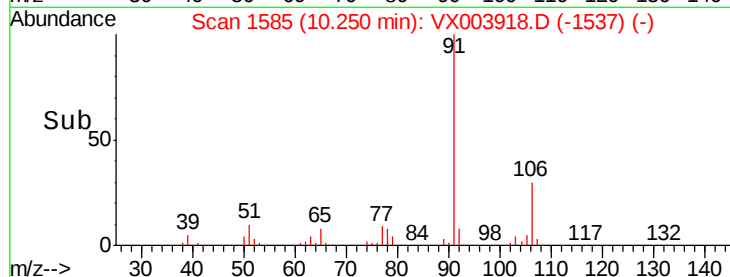
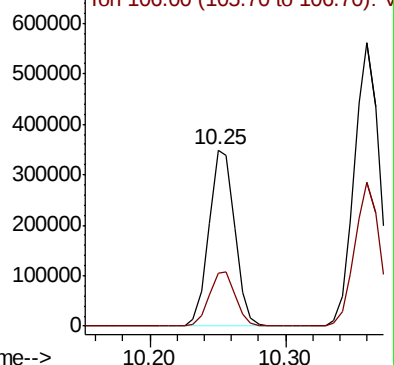
Ion Ratio Lower Upper

91 100

106 29.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1578) (-)



#68

m/p-Xylenes

Concen: 43.37 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003918.D

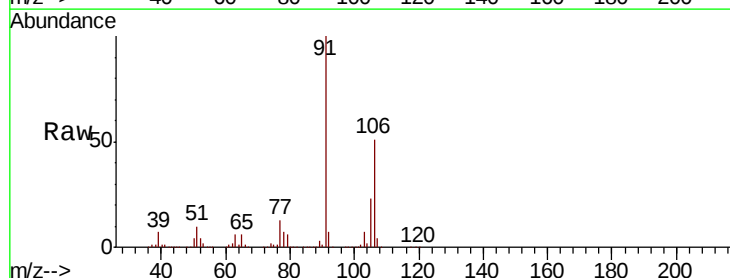
Acq: 08 Aug 2018 12:52

Tgt Ion: 106 Resp: 367161

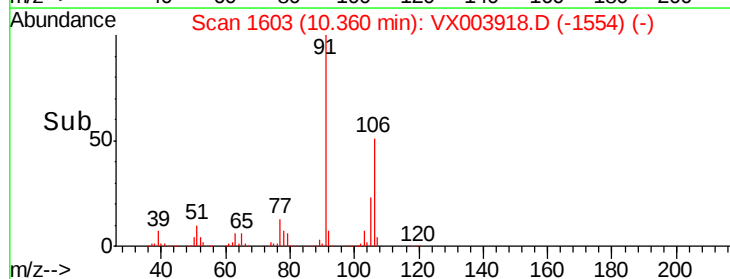
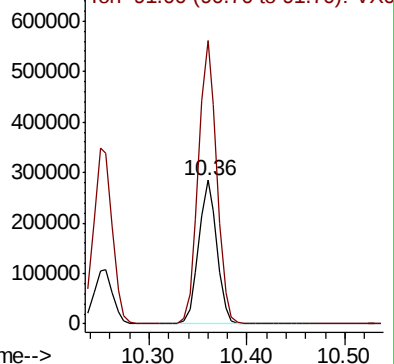
Ion Ratio Lower Upper

106 100

91 198.9 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): VX003867.D (-1596) (-)

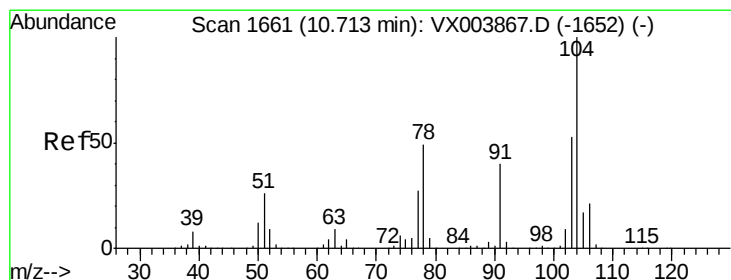
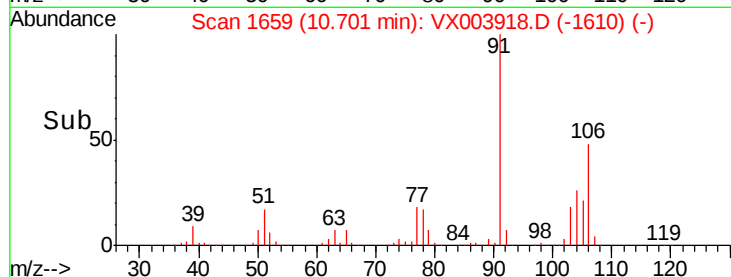
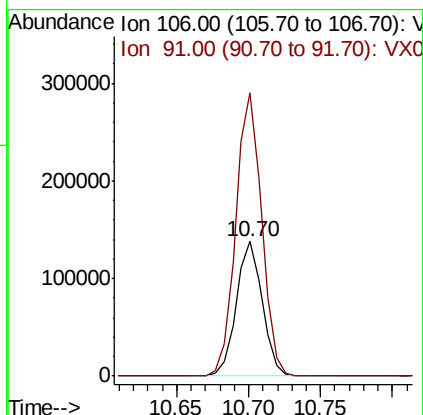
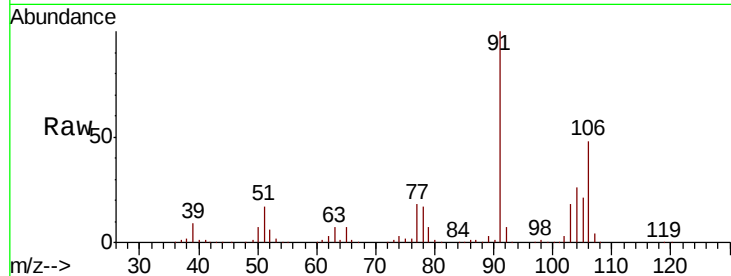




#69
o-Xylene
Concen: 21.65 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

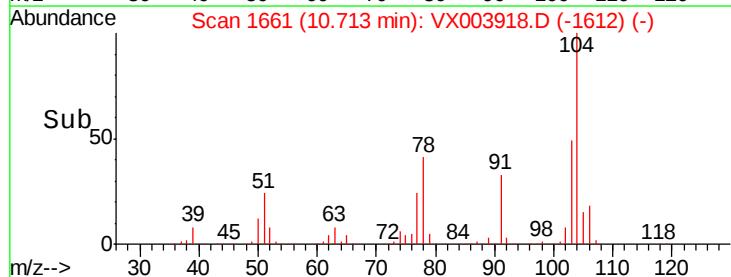
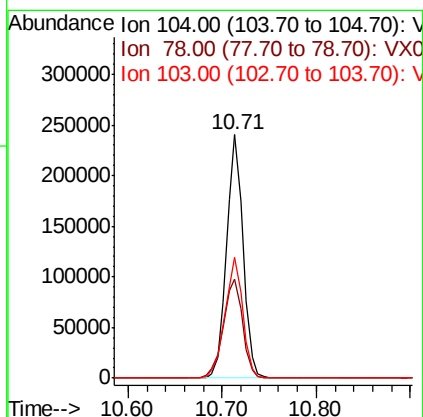
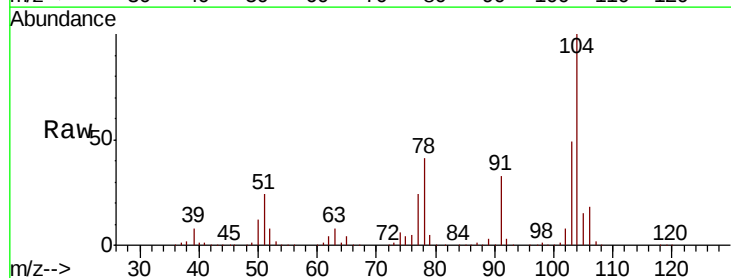
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS01

Tot Ion:106 Resp: 173002
Ion Ratio Lower Upper
106 100
91 210.6 101.9 305.7



#70
Styrene
Concen: 22.34 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion:104 Resp: 292311
Ion Ratio Lower Upper
104 100
78 47.2 39.8 59.6
103 53.8 44.3 66.5





#71

Bromoform

Concen: 20.41 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

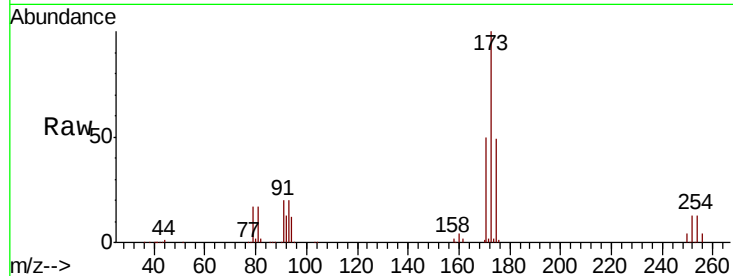
Tot Ion:173 Resp: 71675

Ion Ratio Lower Upper

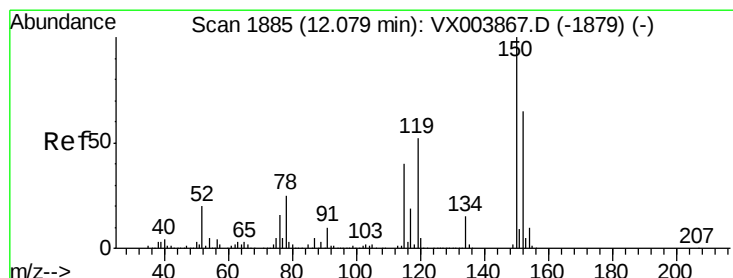
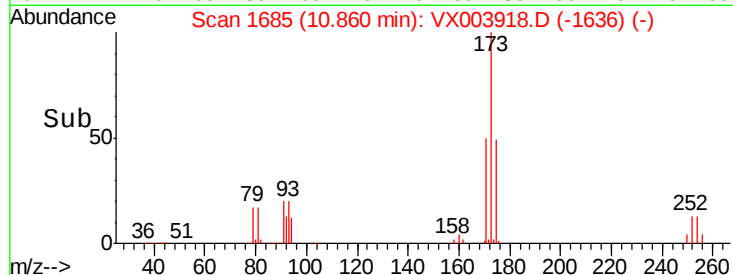
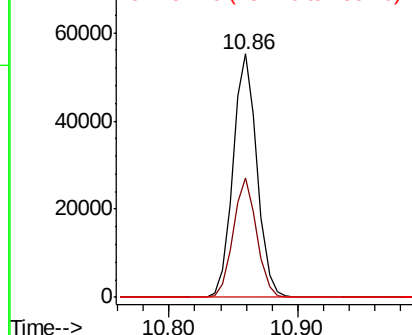
173 100

175 48.2 24.9 74.7

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

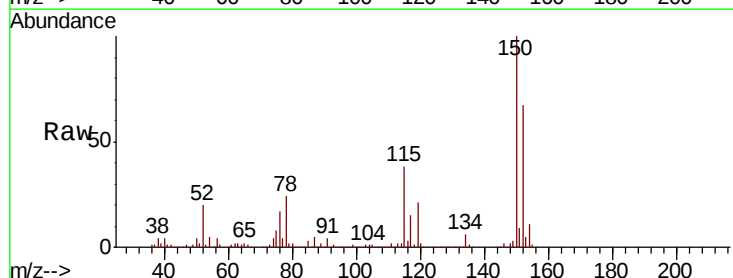
Tgt Ion:152 Resp: 289965

Ion Ratio Lower Upper

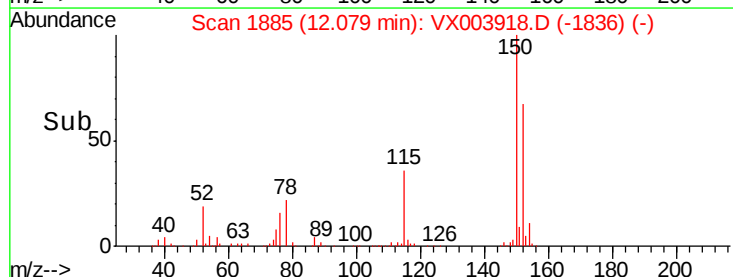
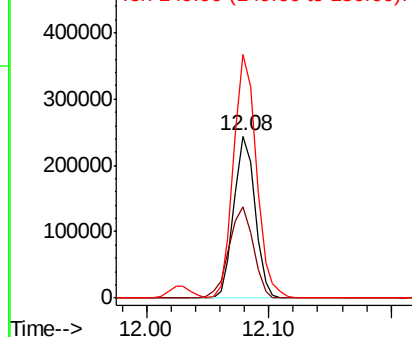
152 100

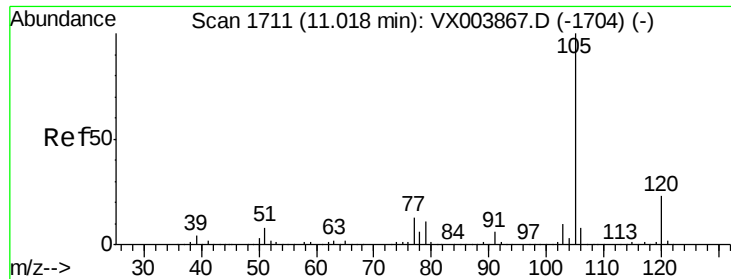
115 65.0 39.1 117.3

150 162.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 22.00 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

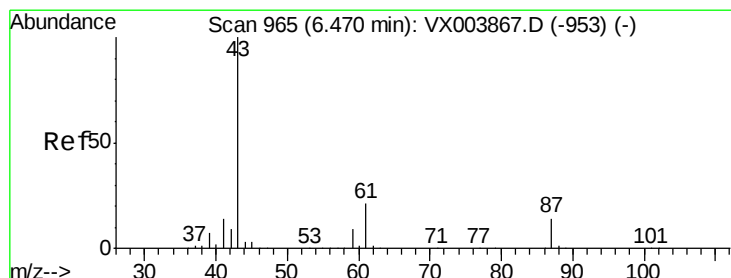
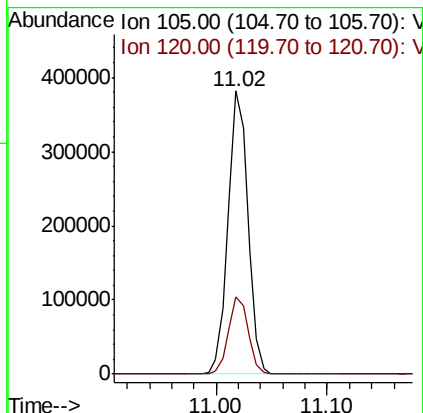
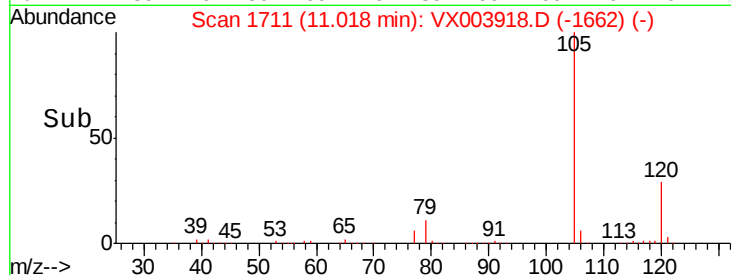
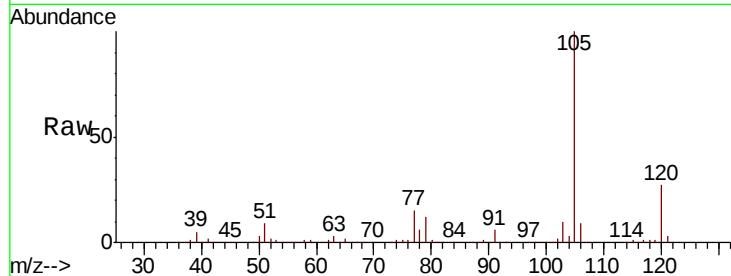
VX0808WBS01

Tot Ion:105 Resp: 471858

Ion Ratio Lower Upper

105 100

120 27.1 12.6 37.8



#74

N-ethyl acetate

Concen: 18.25 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Tgt Ion: 43 Resp: 203538

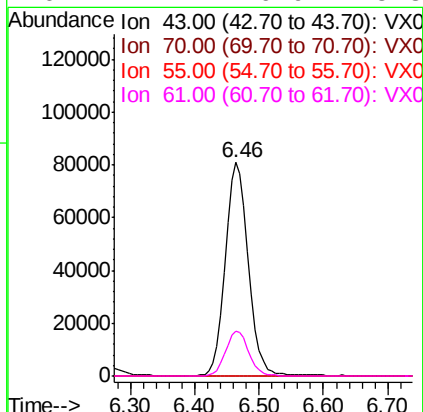
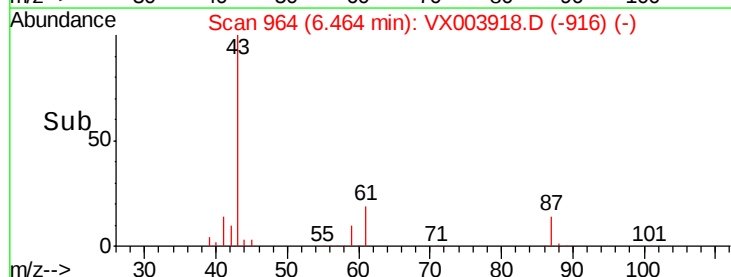
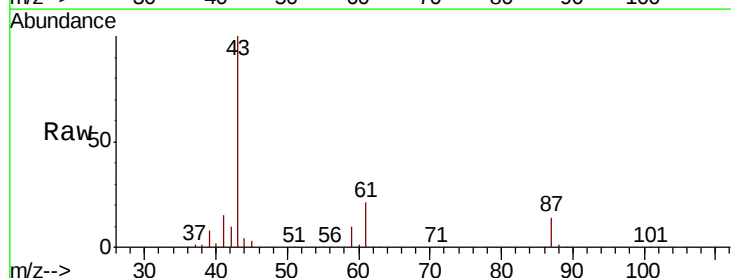
Ion Ratio Lower Upper

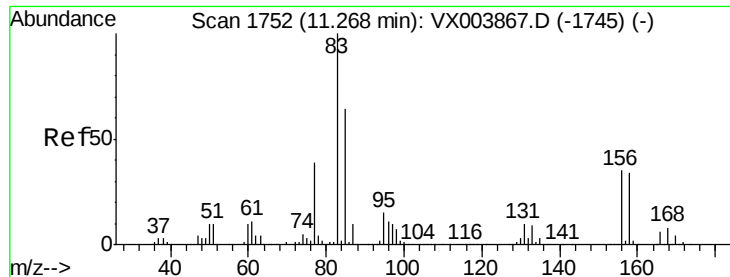
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 21.2 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.66 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

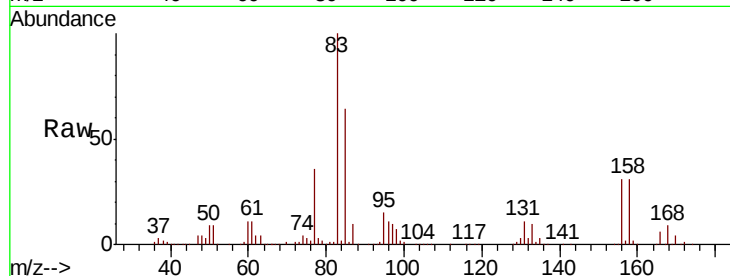
Tot Ion: 83 Resp: 151858

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

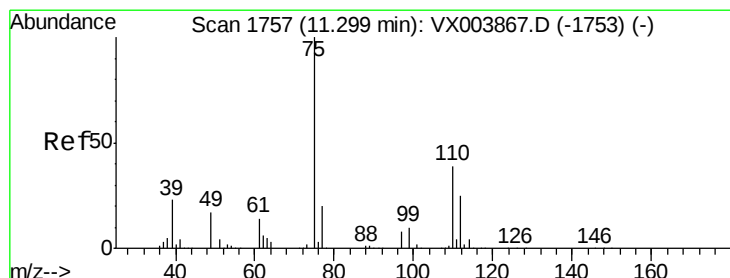
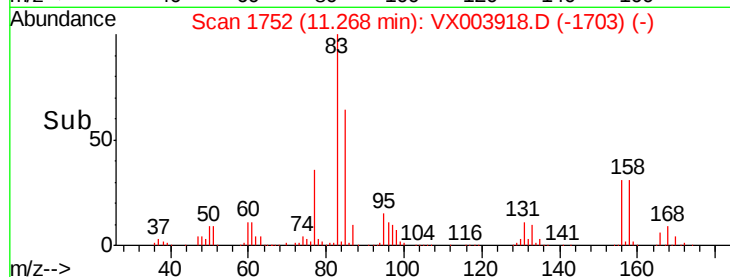
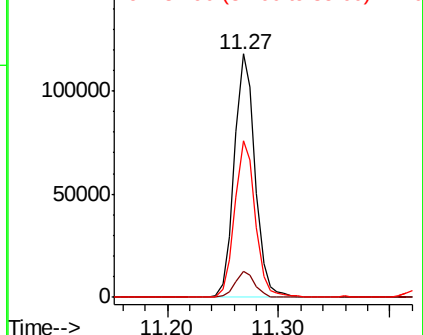
85 64.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.88 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003918.D

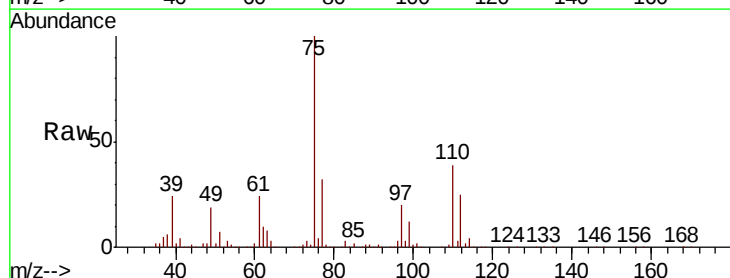
Acq: 08 Aug 2018 12:52

Tgt Ion: 75 Resp: 165782

Ion Ratio Lower Upper

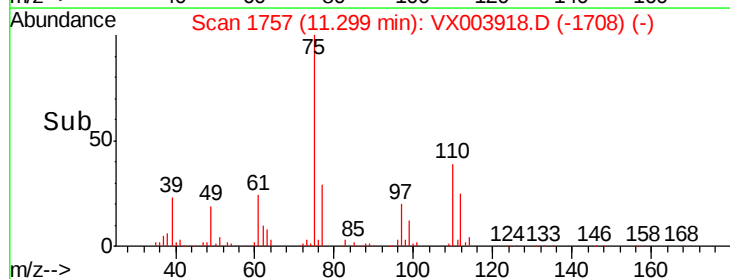
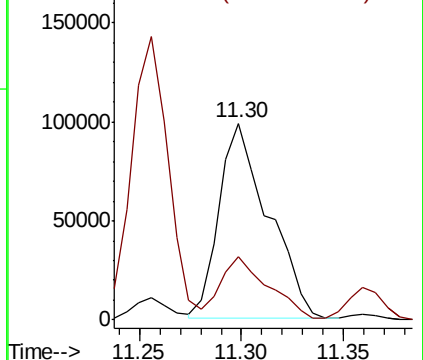
75 100

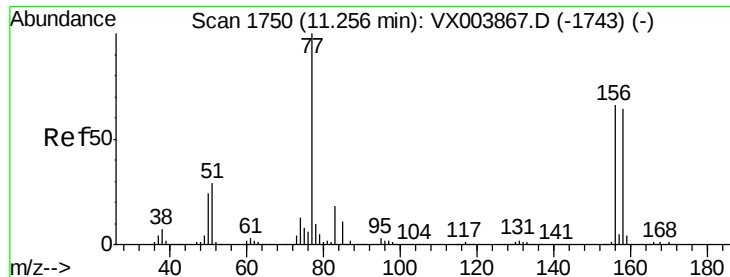
77 31.5 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.40 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

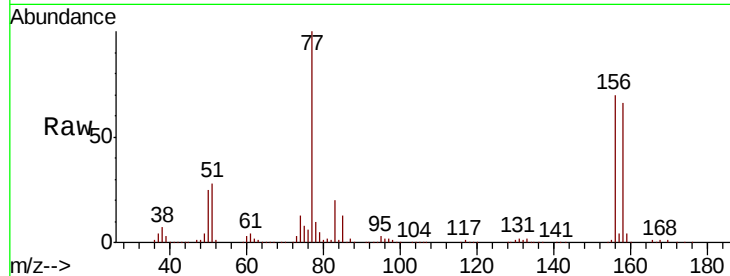
Tot Ion:156 Resp: 122449

Ion Ratio Lower Upper

156 100

77 147.4 74.1 222.2

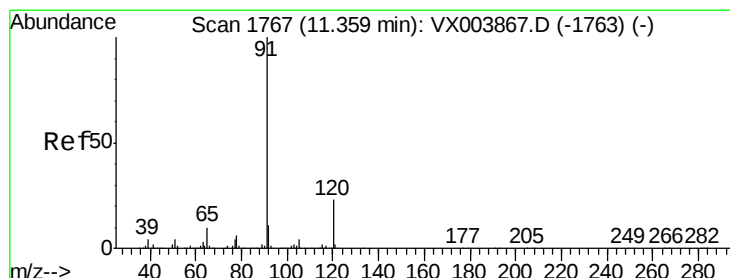
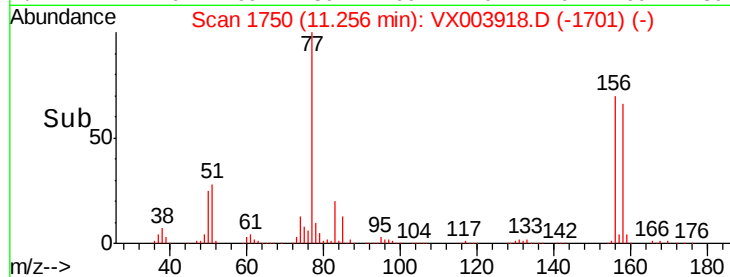
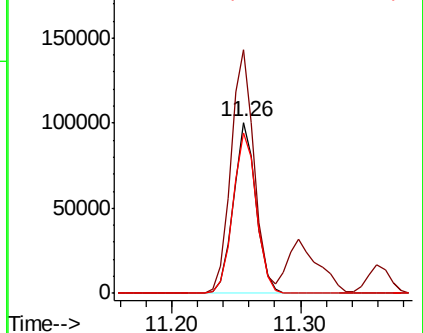
158 97.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.10 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003918.D

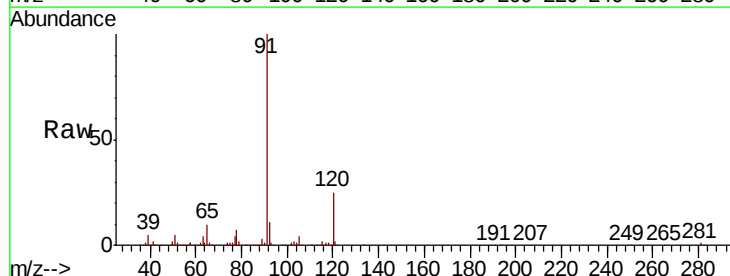
Acq: 08 Aug 2018 12:52

Tgt Ion: 91 Resp: 508179

Ion Ratio Lower Upper

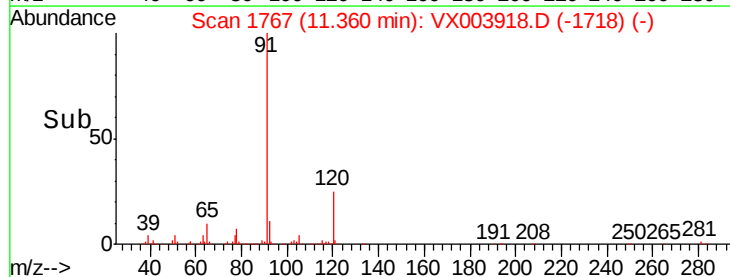
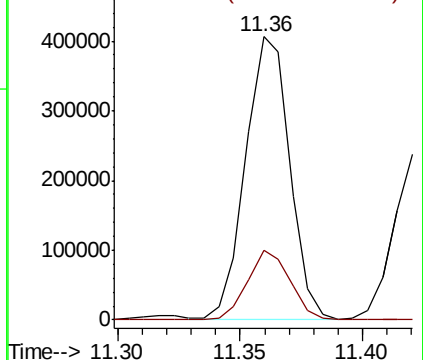
91 100

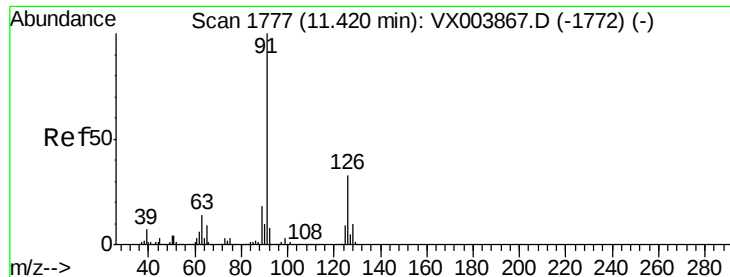
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

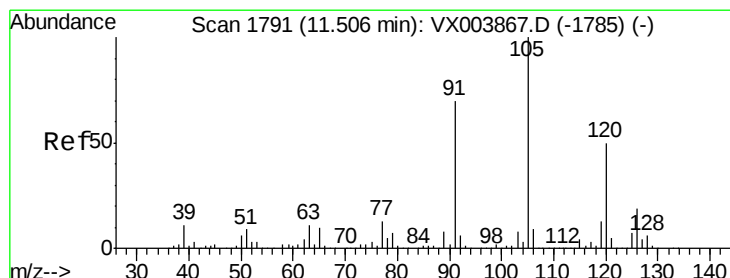
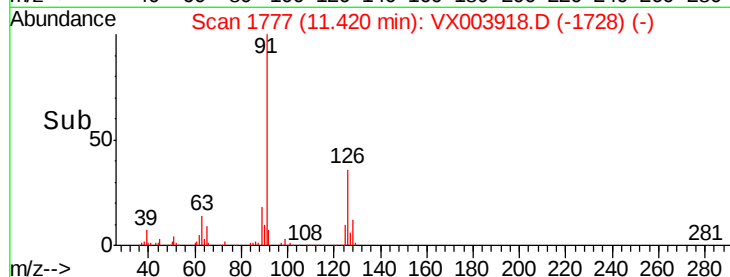
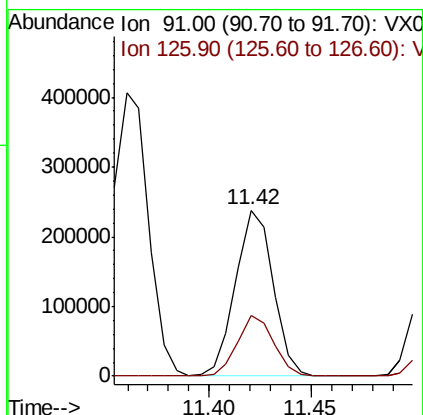
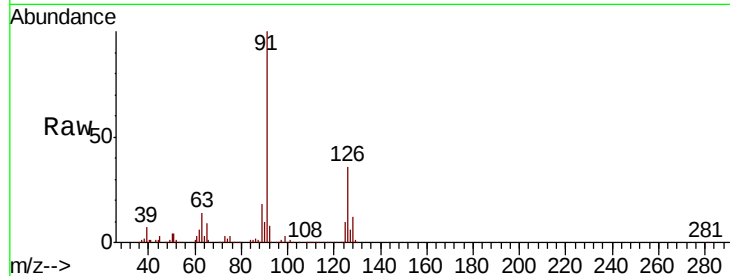




#79
 2-Chlorotoluene
 Concen: 20.70 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

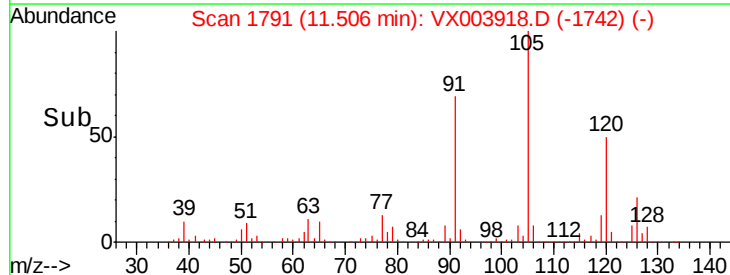
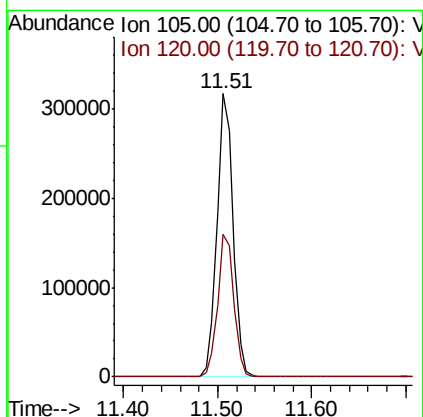
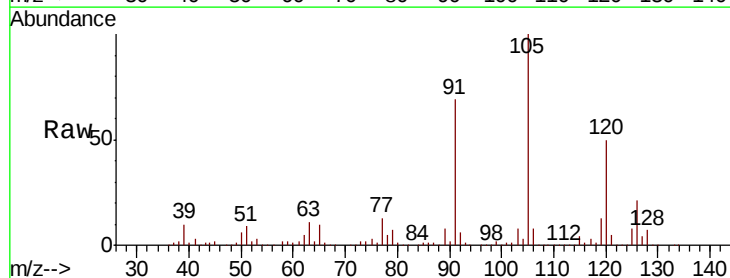
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

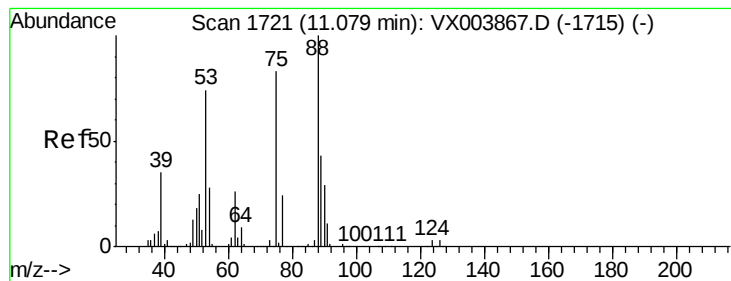
Tot Ion: 91 Resp: 304049
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.48 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion: 105 Resp: 375642
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0808WBS01

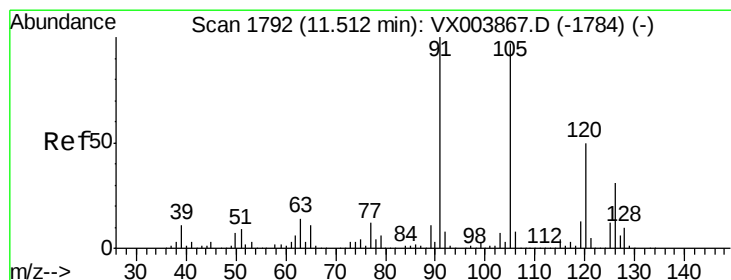
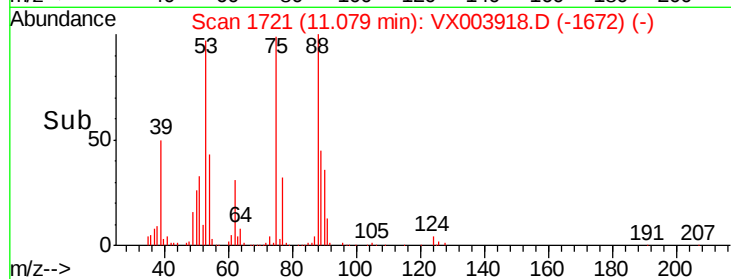
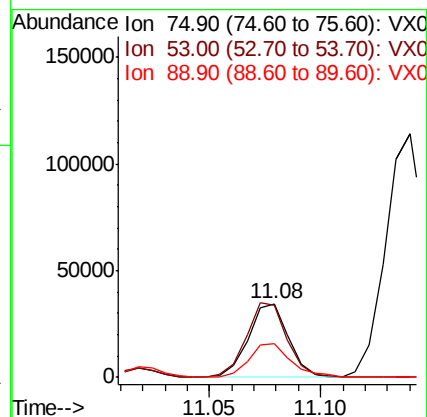
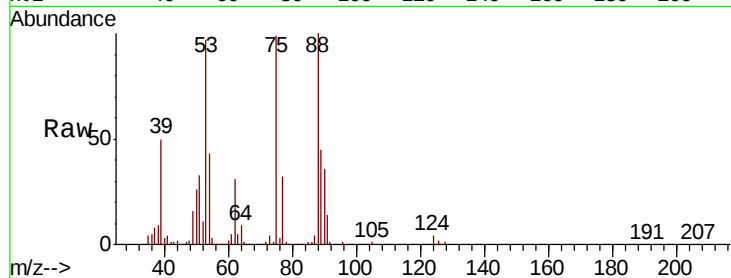
Tot Ion: 75 Resp: 43123

Ion Ratio Lower Upper

75 100

53 102.9 80.3 120.5

89 49.1 37.8 56.8



#82

4-Chlorotoluene

Concen: 20.37 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003918.D

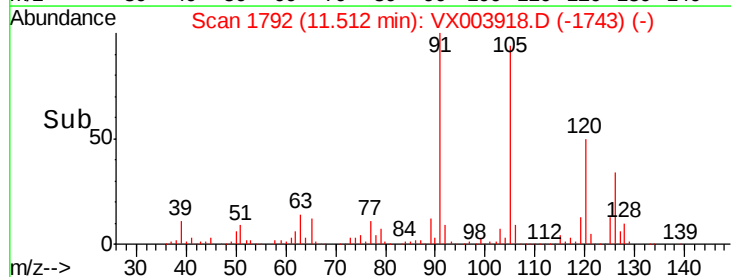
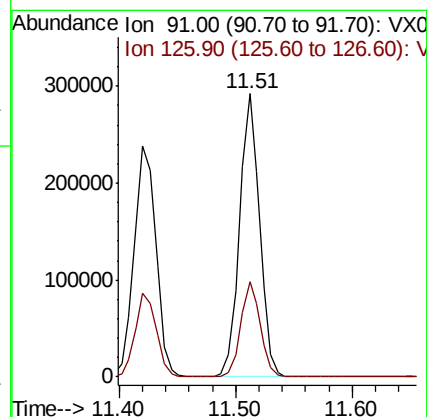
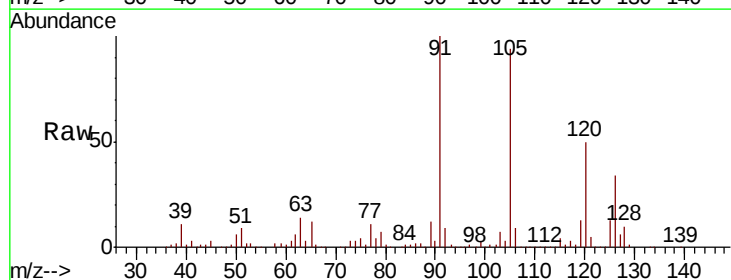
Acq: 08 Aug 2018 12:52

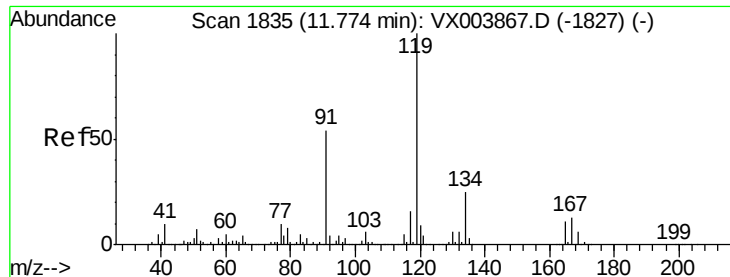
Tgt Ion: 91 Resp: 350563

Ion Ratio Lower Upper

91 100

126 32.9 15.6 46.7

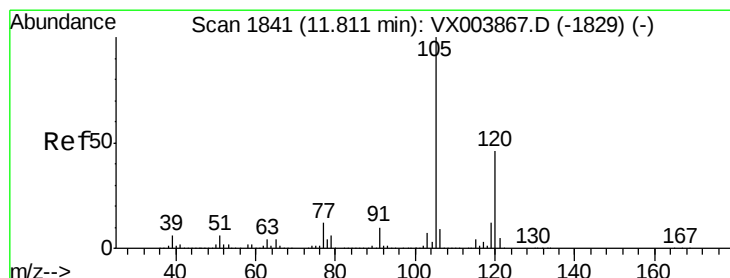
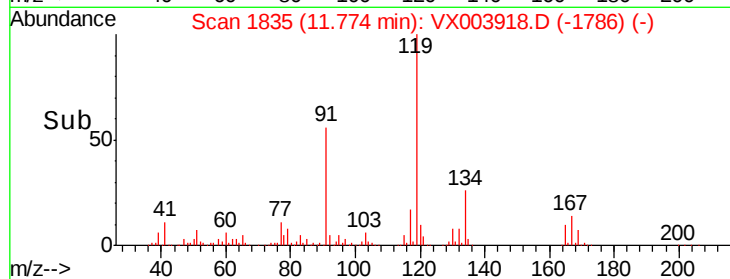
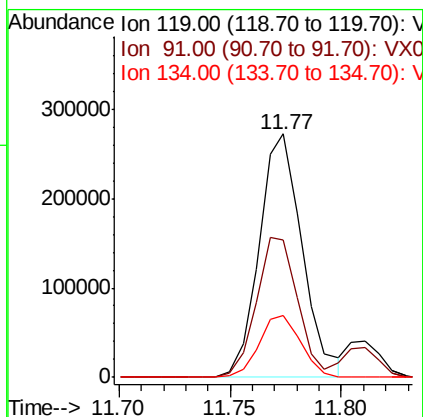
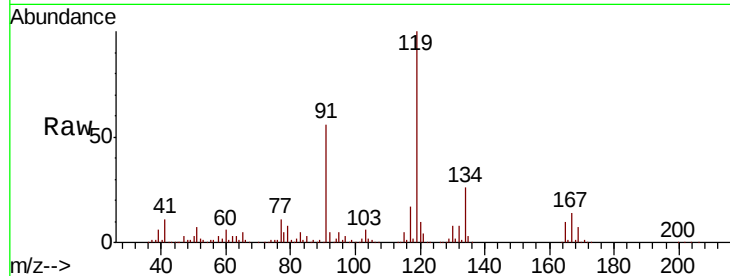




#83
tert-Butylbenzene
Concen: 21.25 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

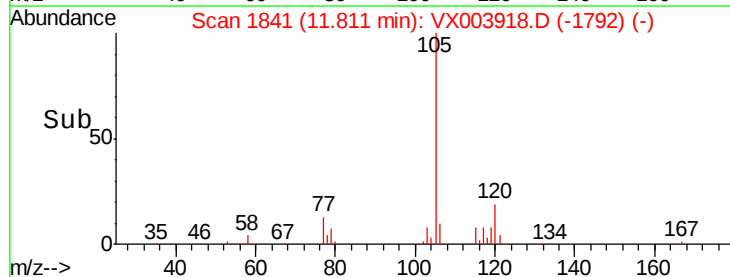
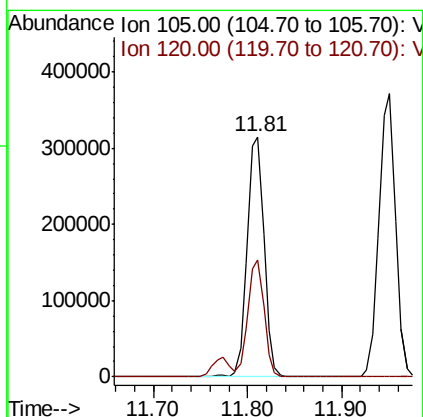
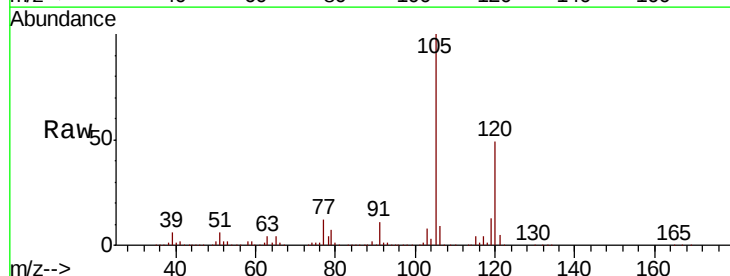
Instrument :
MSVOA_X
ClientSampled :
VX0808WBS01

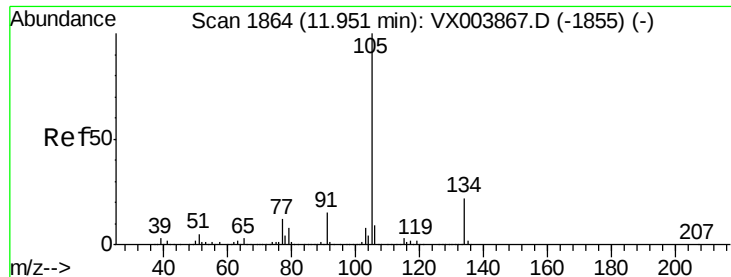
Tot Ion:119 Resp: 365590
Ion Ratio Lower Upper
119 100
91 55.2 26.9 80.7
134 24.6 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 22.52 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion:105 Resp: 396117
Ion Ratio Lower Upper
105 100
120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 22.39 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

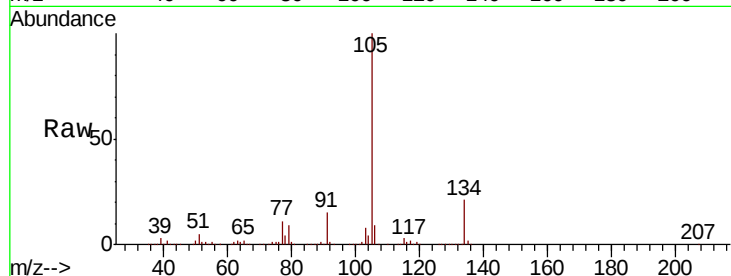
VX0808WBS01

Tot Ion:105 Resp: 454679

Ion Ratio Lower Upper

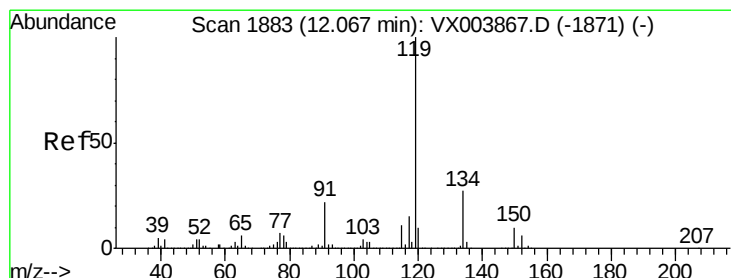
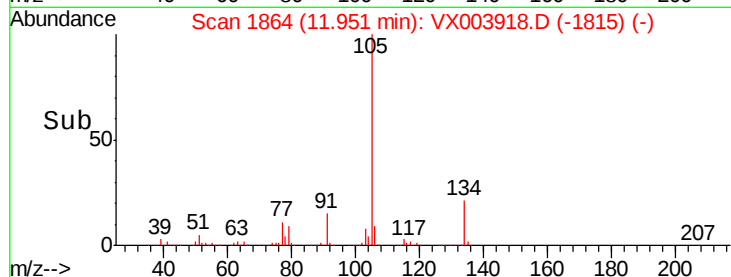
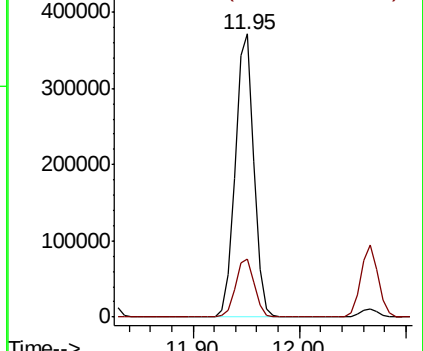
105 100

134 21.1 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.48 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

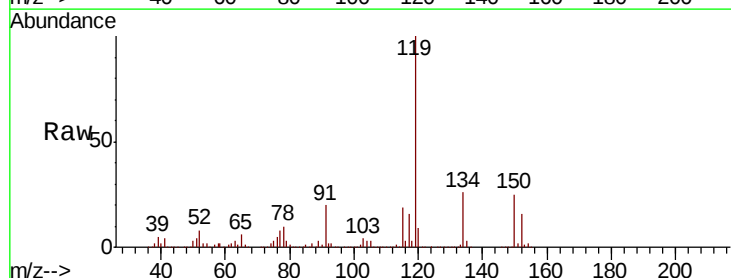
Tgt Ion:119 Resp: 409615

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

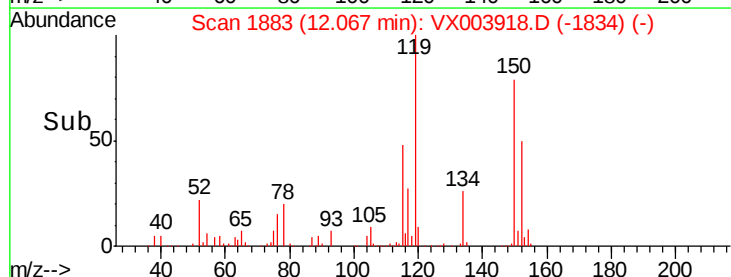
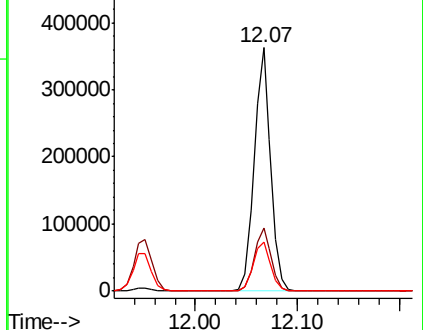
91 21.3 10.9 32.7

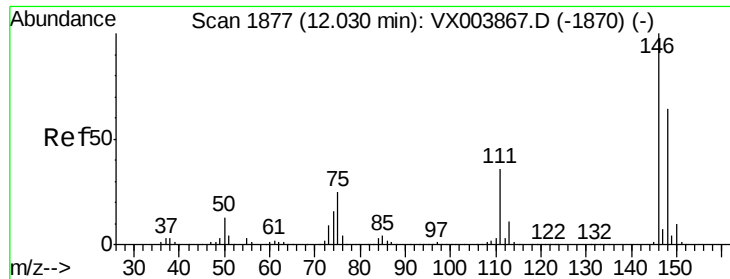


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 21.06 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS01

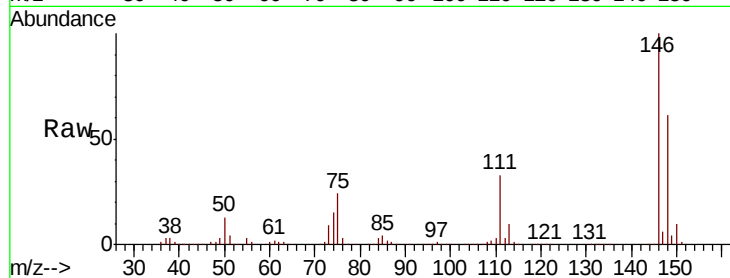
Tot Ion:146 Resp: 222806

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.4

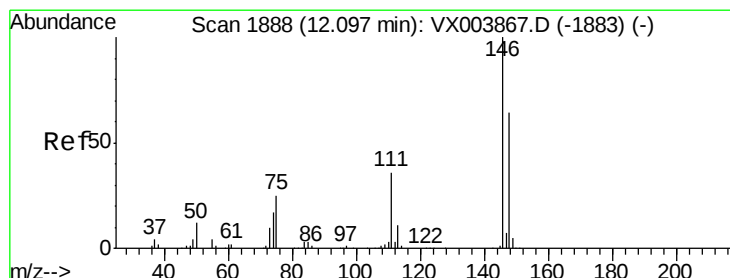
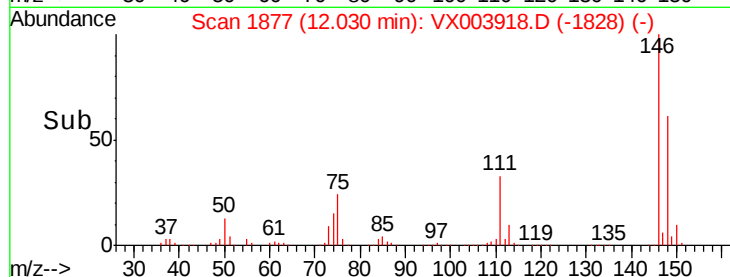
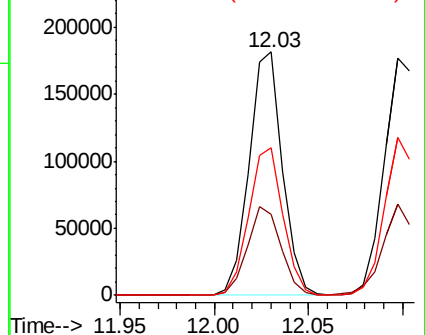
148 62.4 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 22.10 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

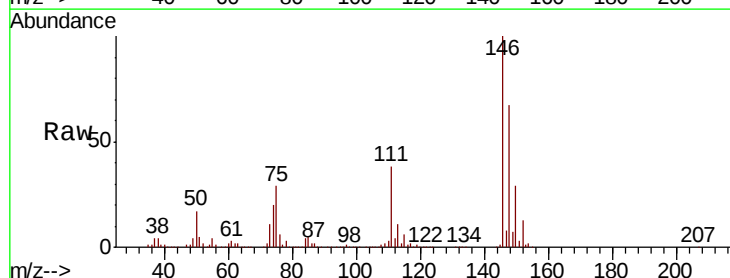
Tgt Ion:146 Resp: 225684

Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.0

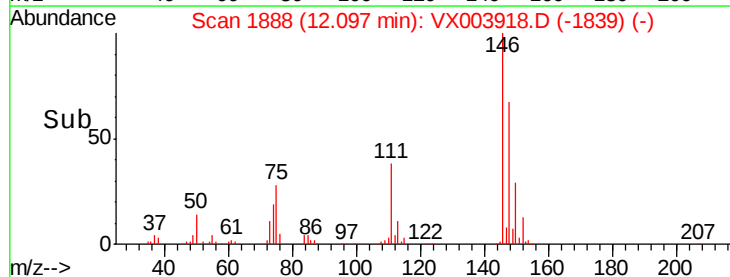
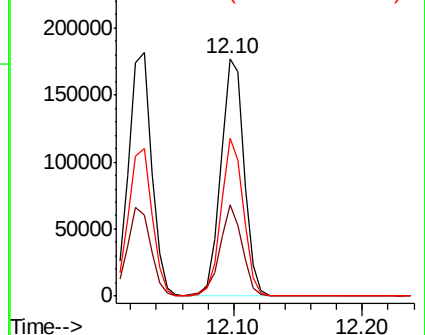
148 64.1 32.3 96.8

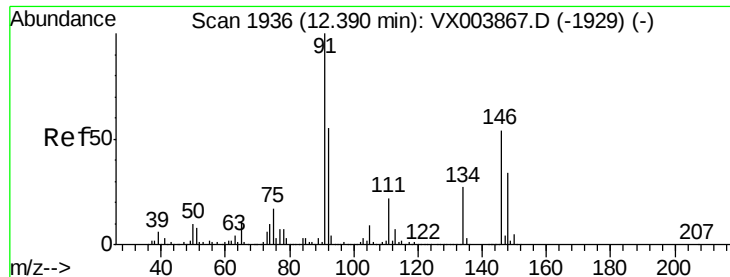


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.13 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003918.D

Acq: 08 Aug 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0808WBS01

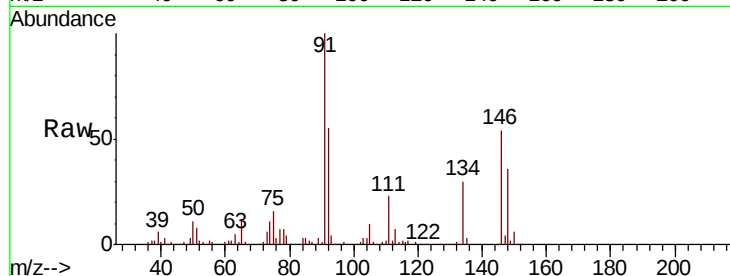
Tot Ion: 91 Resp: 319599

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.3

134 28.3 13.6 40.7

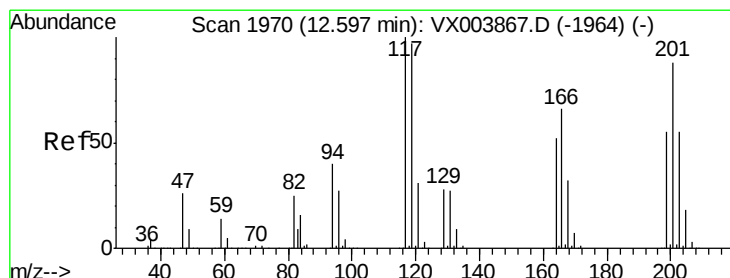
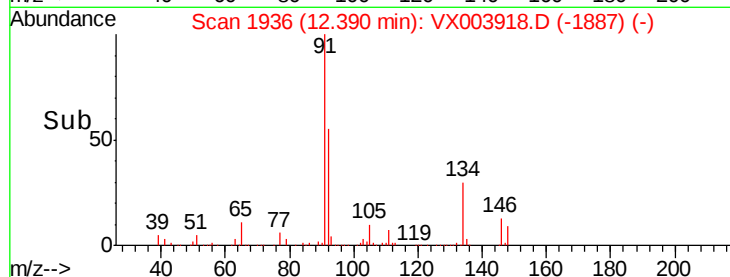


Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003867.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003867.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 18.69 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003918.D

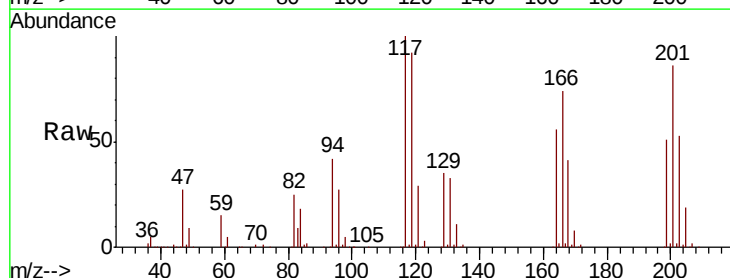
Acq: 08 Aug 2018 12:52

Tgt Ion: 117 Resp: 55285

Ion Ratio Lower Upper

117 100

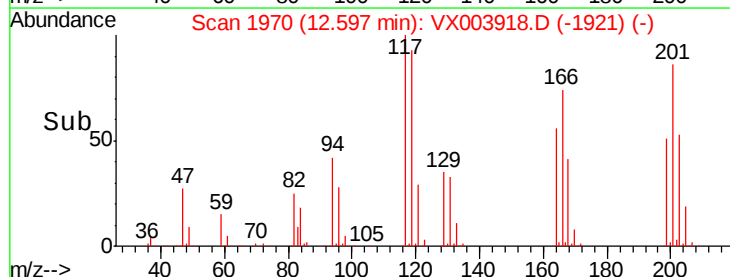
201 95.2 46.1 138.2

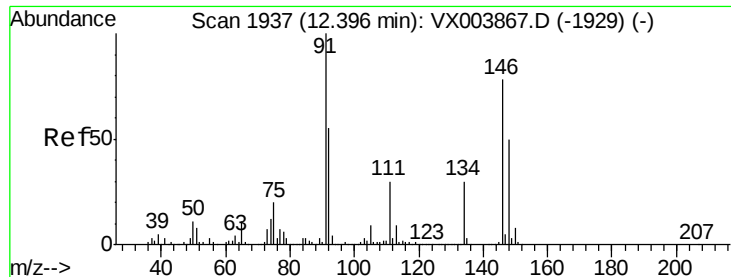


Abundance Ion 116.80 (116.50 to 117.50): VX003867.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003867.D (-1964) (-)

Time-->

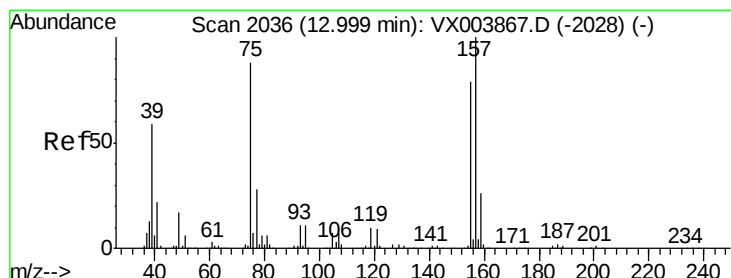
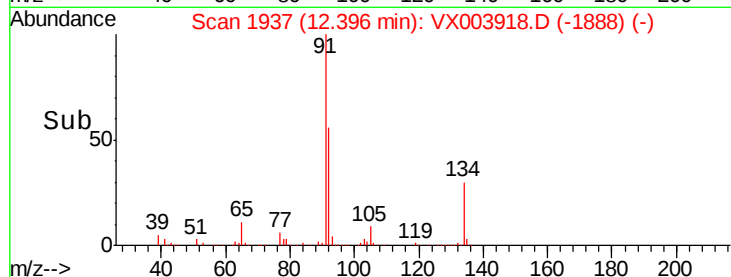
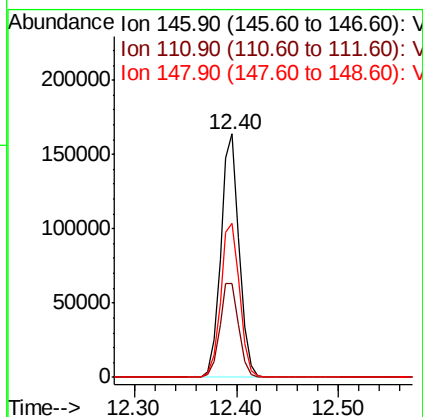
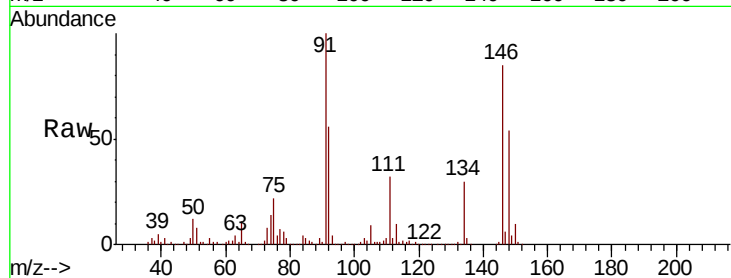




#91
 1,2-Dichlorobenzene
 Concen: 19.49 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

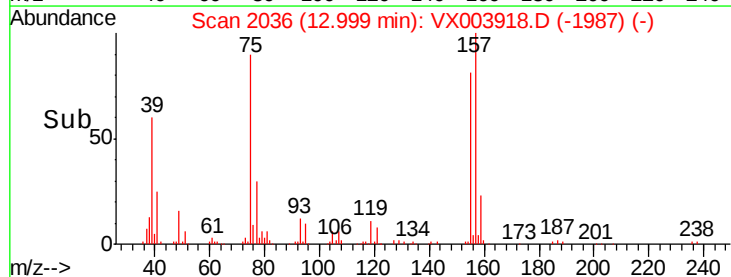
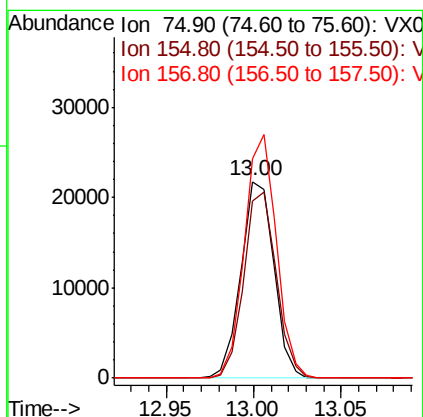
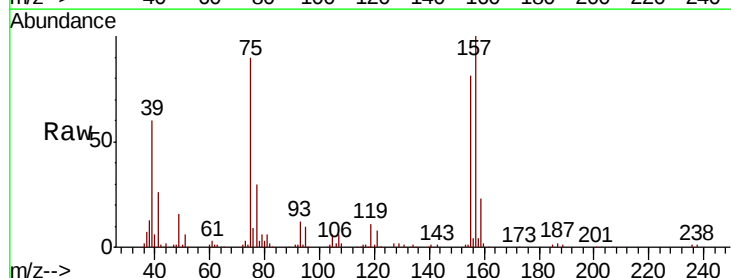
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

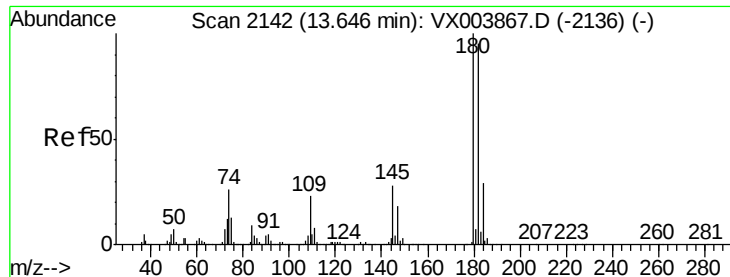
Tot Ion:146 Resp: 204383
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.0
 148 65.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.00 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion: 75 Resp: 28613
 Ion Ratio Lower Upper
 75 100
 155 93.5 48.7 146.1
 157 119.5 62.6 187.8

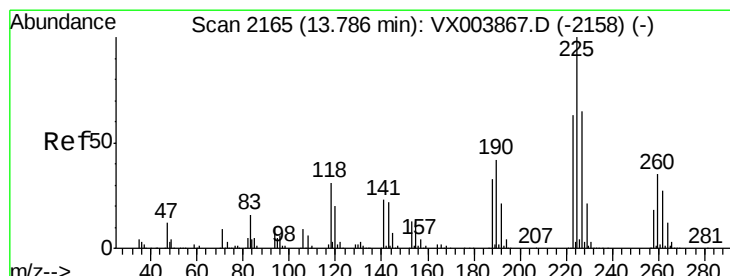
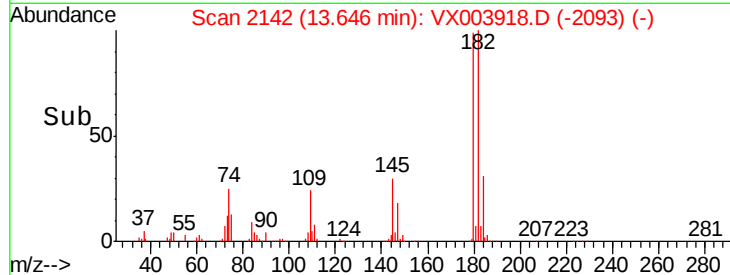
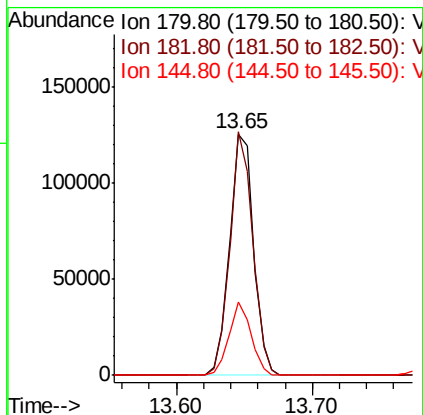
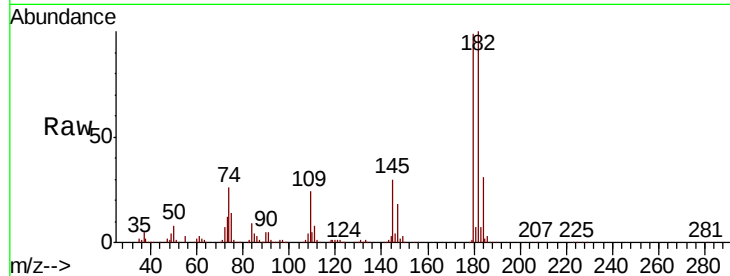




#93
 1,2,4-Trichlorobenzene
 Concen: 20.43 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

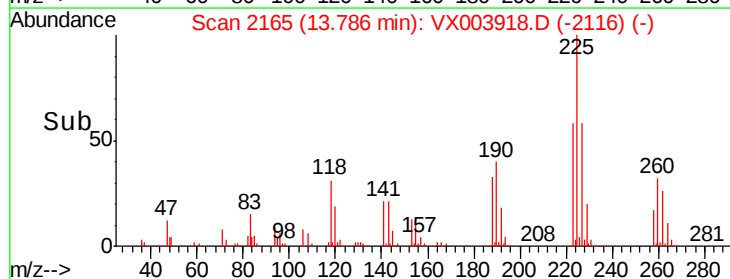
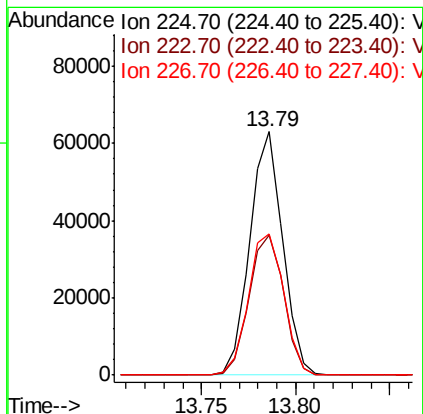
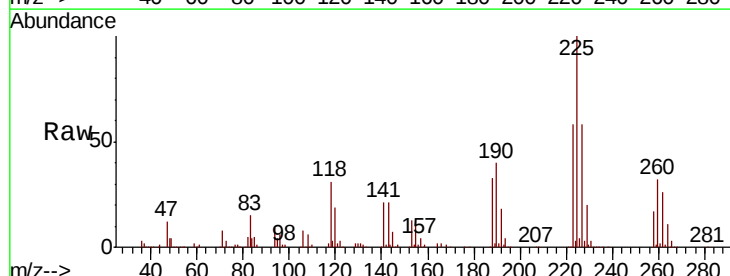
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

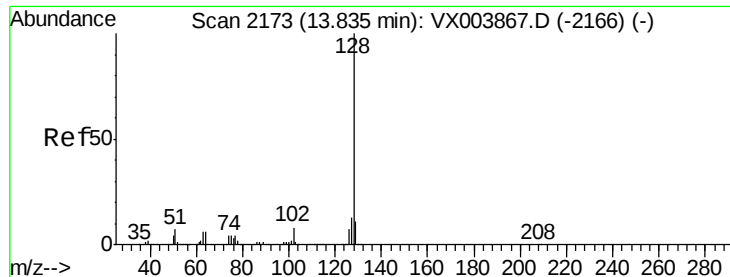
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.7	143.1
145	28.1	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 23.12 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003918.D
 Acq: 08 Aug 2018 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.4	94.0
227	62.7	32.1	96.5

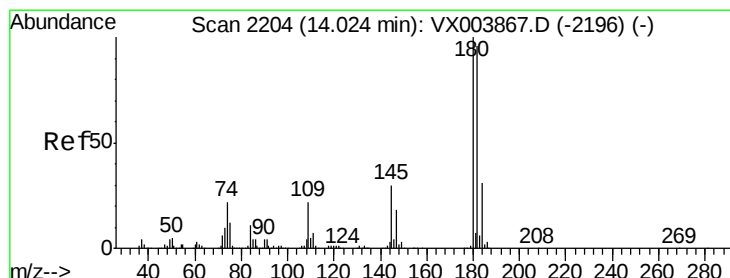
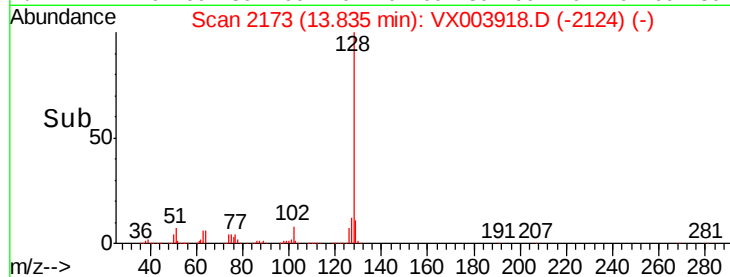
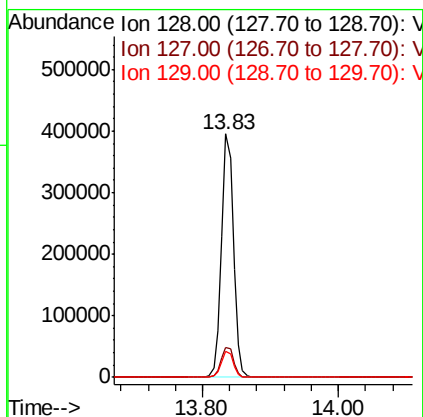
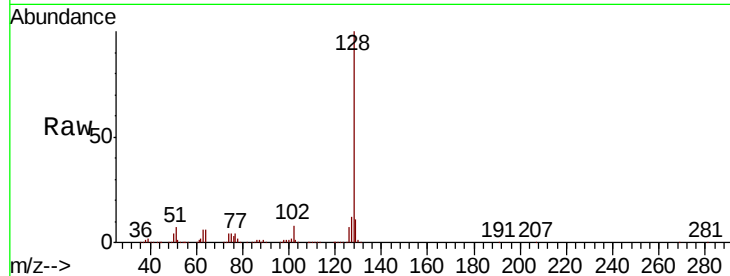




#95
Naphthalene
Concen: 22.31 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS01

Tot Ion:128 Resp: 481926
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 22.20 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003918.D
Acq: 08 Aug 2018 12:52

Tgt Ion:180 Resp: 167100
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.4
145 29.3 14.9 44.7

