

Data File : VX001737.D

Acq On : 15 May 2018 11:34

Operator : JC/MD

Sample : VX0515WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

Quant Time: May 16 04:02:05 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	356609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	269504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	245459	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	5.51	113	206767	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	8.72	98	786610	57.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.04%	
62) 4-Bromofluorobenzene	11.14	95	268950	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80657	22.54	ug/l	97
3) Chloromethane	1.32	50	81204	21.01	ug/l	100
4) Vinyl Chloride	1.40	62	92036	22.02	ug/l	98
5) Bromomethane	1.64	94	45558	24.27	ug/l	99
6) Chloroethane	1.72	64	59113	22.46	ug/l	98
7) Trichlorofluoromethane	1.93	101	136790	22.52	ug/l	99
8) Diethyl Ether	2.19	74	54832	21.93	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	82806	22.65	ug/l	100
10) Methyl Iodide	2.51	142	46413	13.80	ug/l	98
11) Tert butyl alcohol	3.07	59	95490	112.52	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76254	21.63	ug/l	98
13) Acrolein	2.29	56	63512	105.52	ug/l	99
14) Allyl chloride	2.73	41	144370	22.16	ug/l	99
15) Acrylonitrile	3.15	53	230150	107.98	ug/l	99
16) Acetone	2.45	43	216650	115.40	ug/l	98
17) Carbon Disulfide	2.57	76	194523	21.16	ug/l	98
18) Methyl Acetate	2.78	43	123763	22.55	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	261836	22.04	ug/l	99
20) Methylene Chloride	2.86	84	87265	21.72	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	83492	21.50	ug/l	99
22) Diisopropyl ether	3.88	45	265566	21.25	ug/l	98
23) Vinyl Acetate	3.83	43	916719	101.80	ug/l	100
24) 1,1-Dichloroethane	3.70	63	150401	21.94	ug/l	100
25) 2-Butanone	4.71	43	322200	112.10	ug/l	99
26) 2,2-Dichloropropane	4.59	77	123595	22.40	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	95613	21.64	ug/l	98
28) Bromochloromethane	5.02	49	69243	22.74	ug/l	99
29) Tetrahydrofuran	5.17	42	202254	107.95	ug/l	100
30) Chloroform	5.22	83	158304	21.99	ug/l	99
31) Cyclohexane	5.58	56	137762	22.93	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	139595	22.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	119530	22.95	ug/l	99
37) Ethyl Acetate	4.87	43	120320	22.17	ug/l	100
38) Carbon Tetrachloride	5.79	117	127299	23.33	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

Quant Time: May 16 04:02:05 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148391	24.39	ug/l	99
40) Benzene	6.15	78	352725	22.99	ug/l	99
41) Methacrylonitrile	5.06	41	69682	22.20	ug/l	99
42) 1,2-Dichloroethane	6.20	62	126289	22.76	ug/l	100
43) Isopropyl Acetate	6.47	43	190949	22.48	ug/l	99
44) Trichloroethene	7.21	130	110229	23.14	ug/l	99
45) 1,2-Dichloropropane	7.52	63	87923	23.35	ug/l	99
46) Dibromomethane	7.67	93	59439	22.48	ug/l	99
47) Bromodichloromethane	7.90	83	114763	23.39	ug/l	99
48) Methyl methacrylate	7.78	41	100680	22.52	ug/l	99
49) 1,4-Dioxane	7.76	88	42512	493.78	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	634178	117.80	ug/l	99
52) Toluene	8.79	92	236928	24.03	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	135755	23.52	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	119034	23.39	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	86404	22.92	ug/l	99
56) Ethyl methacrylate	9.19	69	121385	22.71	ug/l	99
57) 1,3-Dichloropropane	9.38	76	143371	22.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	333950	121.46	ug/l	99
59) 2-Hexanone	9.50	43	454529	117.94	ug/l	100
60) Dibromochloromethane	9.59	129	89658	23.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	91893	23.29	ug/l	99
64) Tetrachloroethene	9.34	164	120536	22.96	ug/l	98
65) Chlorobenzene	10.15	112	250670	22.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	90413	23.08	ug/l	98
67) Ethyl Benzene	10.26	91	411131	23.20	ug/l	100
68) m/p-Xylenes	10.37	106	332037	47.48	ug/l	99
69) o-Xylene	10.71	106	157751	23.55	ug/l	100
70) Styrene	10.72	104	262193	23.74	ug/l	100
71) Bromoform	10.86	173	72570	21.67	ug/l #	99
73) Isopropylbenzene	11.02	105	428777	24.16	ug/l	99
74) N-amyl acetate	6.47	43	190949	22.44	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	118393	22.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	139596	27.24	ug/l	89
77) Bromobenzene	11.26	156	121311	23.26	ug/l	100
78) n-propylbenzene	11.37	91	487942	24.40	ug/l	99
79) 2-Chlorotoluene	11.43	91	283445	23.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	358825	24.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	31921	20.64	ug/l	94
82) 4-Chlorotoluene	11.52	91	334154	23.72	ug/l	99
83) tert-Butylbenzene	11.77	119	348619	24.06	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	369465	24.50	ug/l	100
85) sec-Butylbenzene	11.95	105	438126	24.49	ug/l	99
86) p-Isopropyltoluene	12.07	119	407158	24.60	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	221631	22.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	225323	22.59	ug/l	99
89) n-Butylbenzene	12.40	91	343568	24.00	ug/l	100
90) Hexachloroethane	12.60	117	60123	23.39	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	220972	22.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	25943	22.83	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
Quantitation Report (Not Reviewed)

Data File : VX001737.D
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Sample : VX0515WBS02
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Instrument :
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ClientSampleId :
VX0515WBS02

Quant Time: May 16 04:02:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	177428	23.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	94672	23.02	ug/l	100
95) Naphthalene	13.84	128	461942	23.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	176904	22.93	ug/l	99

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

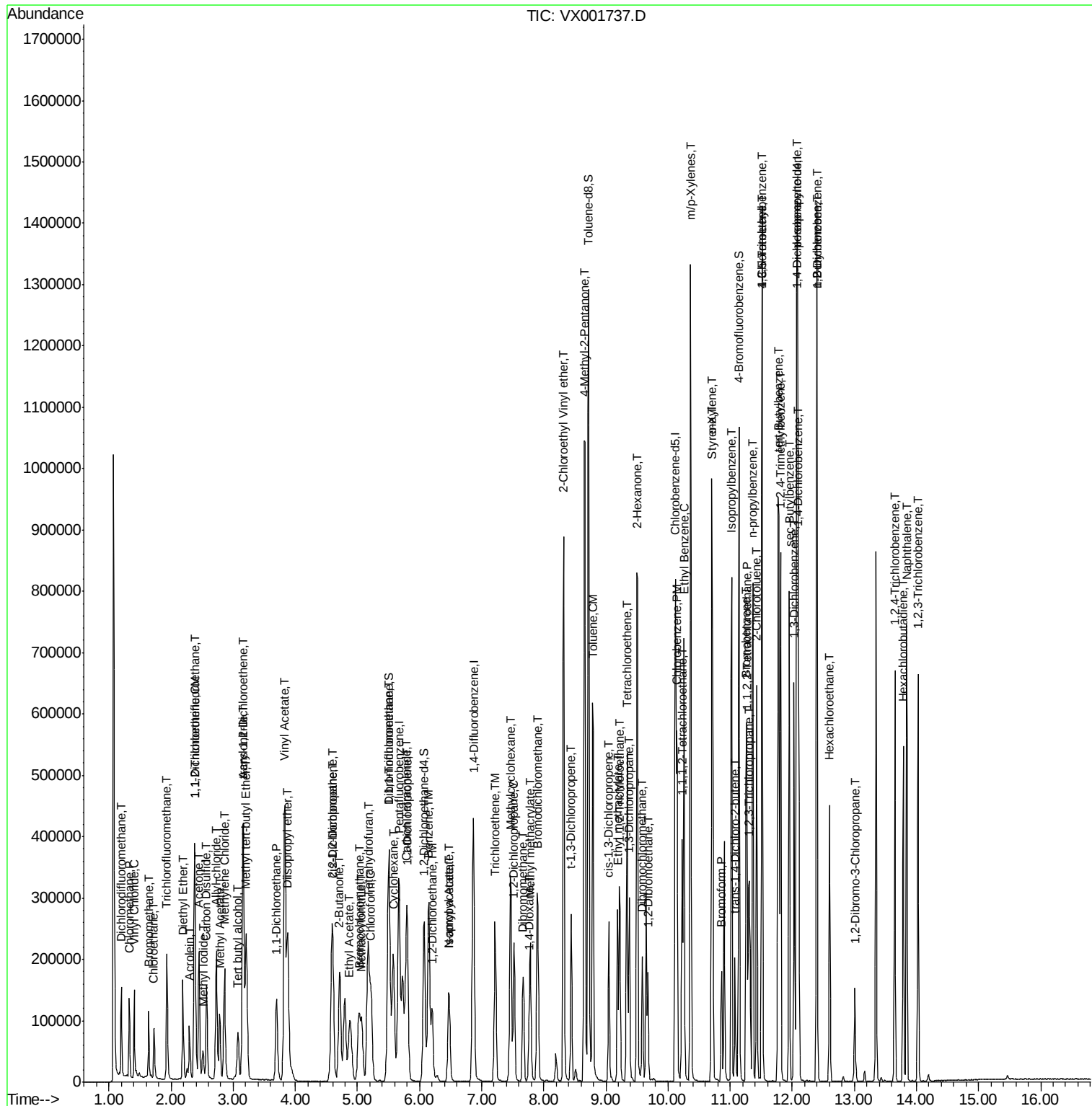
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ALS Vial      : 4      Sample Multiplier: 1
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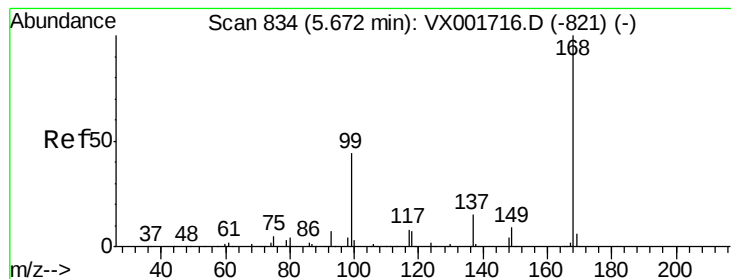
MSVOA X

ClientSampleId :

VX0515WBS02

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

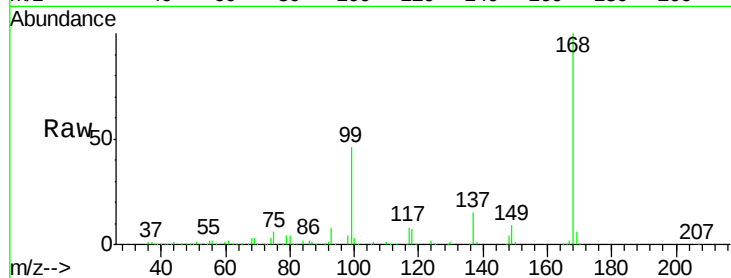
VX0515WBS02

Tgt Ion:168 Resp: 356609

Ion Ratio Lower Upper

168 100

99 46.3 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

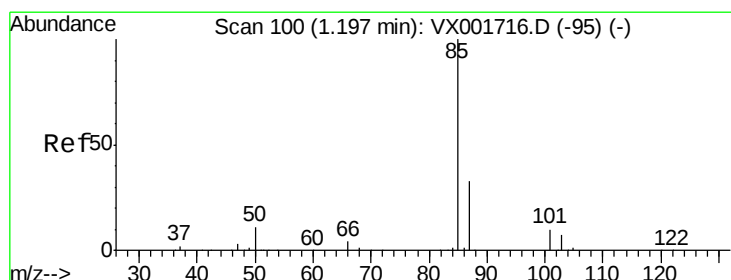
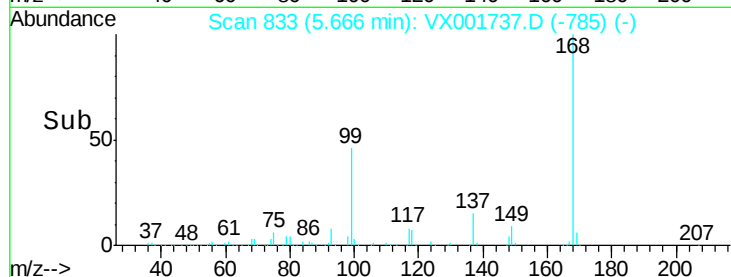
100000

50000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.54 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001737.D

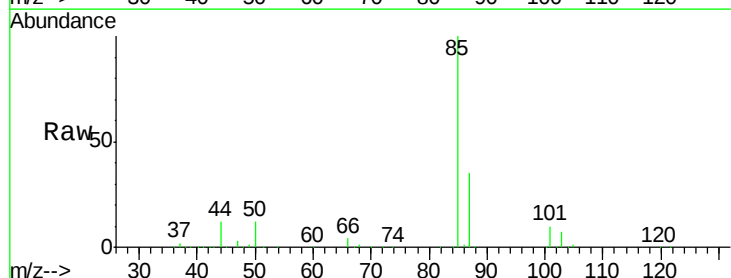
Acq: 15 May 2018 11:34

Tgt Ion: 85 Resp: 80657

Ion Ratio Lower Upper

85 100

87 34.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

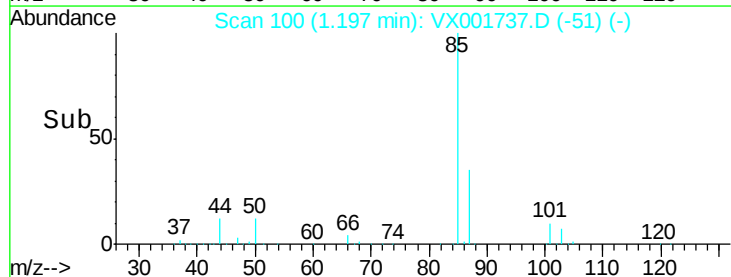
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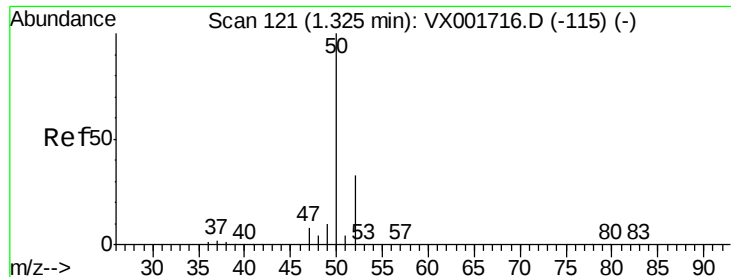
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.01 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

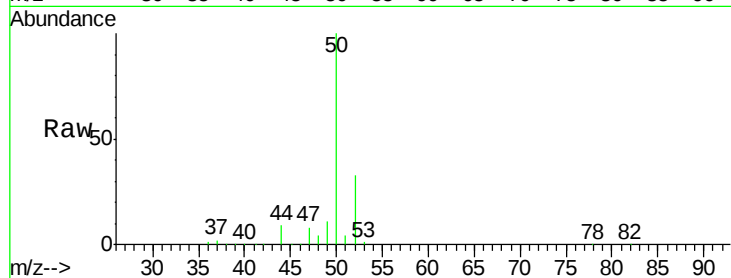
VX0515WBS02

Tgt Ion: 50 Resp: 81204

Ion Ratio Lower Upper

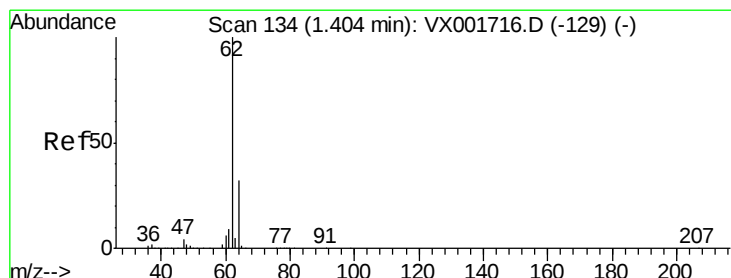
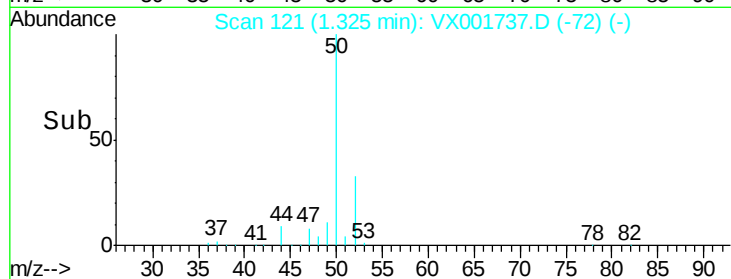
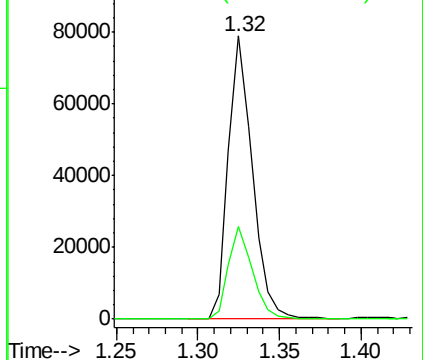
50 100

52 32.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001737.D

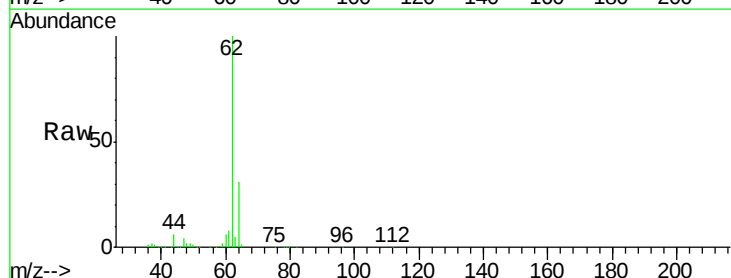
Acq: 15 May 2018 11:34

Tgt Ion: 62 Resp: 92036

Ion Ratio Lower Upper

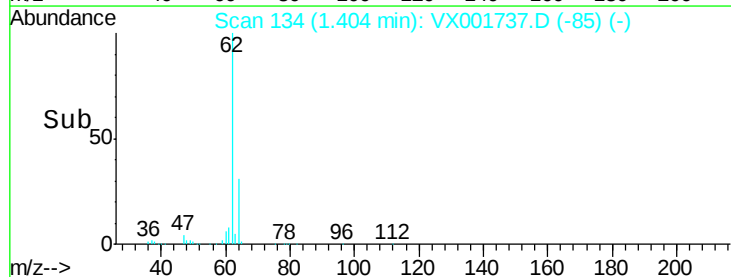
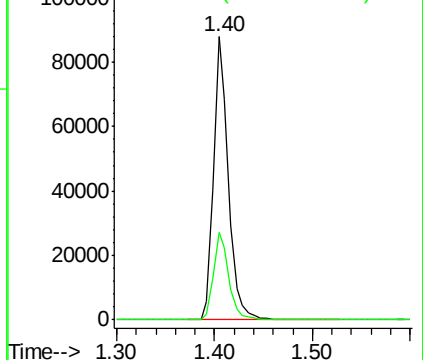
62 100

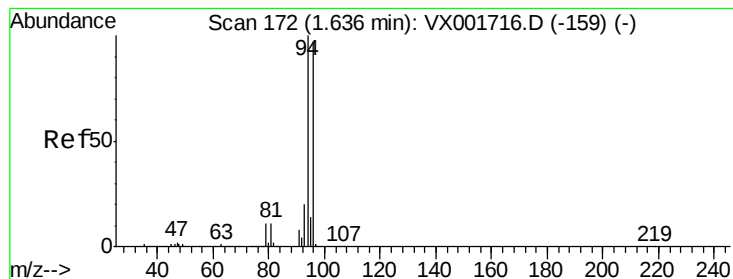
64 30.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.27 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

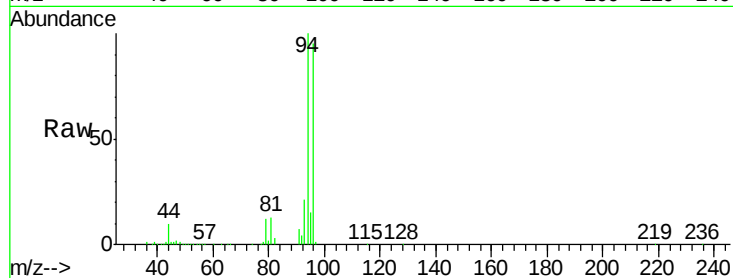
VX0515WBS02

Tgt Ion: 94 Resp: 45558

Ion Ratio Lower Upper

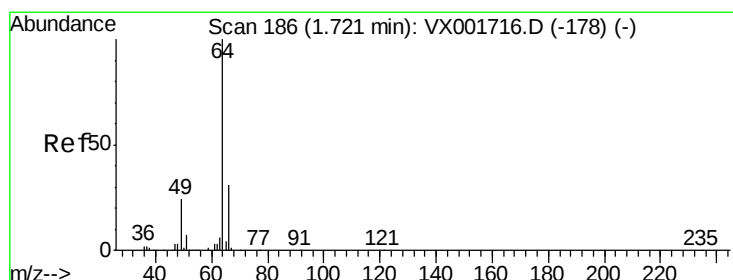
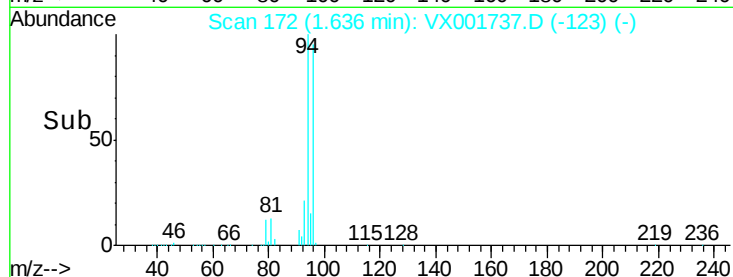
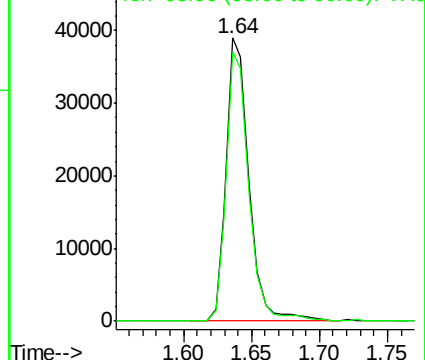
94 100

96 95.3 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.46 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001737.D

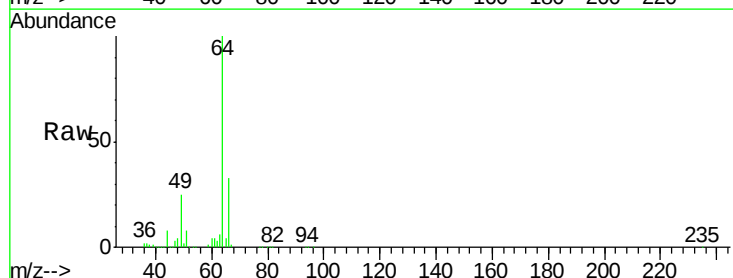
Acq: 15 May 2018 11:34

Tgt Ion: 64 Resp: 59113

Ion Ratio Lower Upper

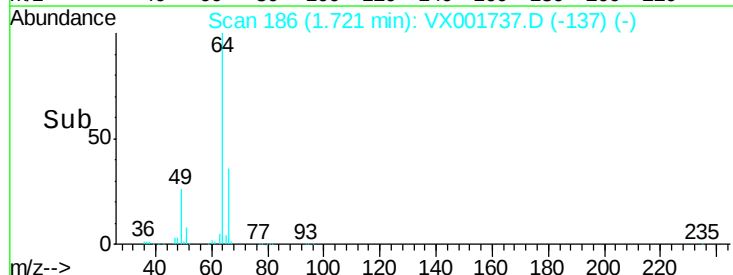
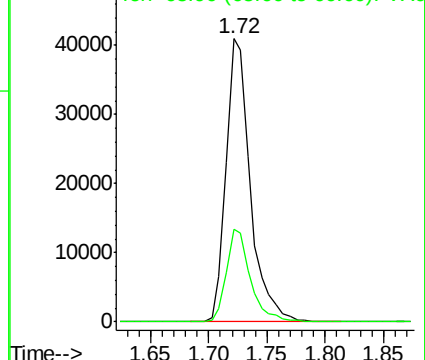
64 100

66 32.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



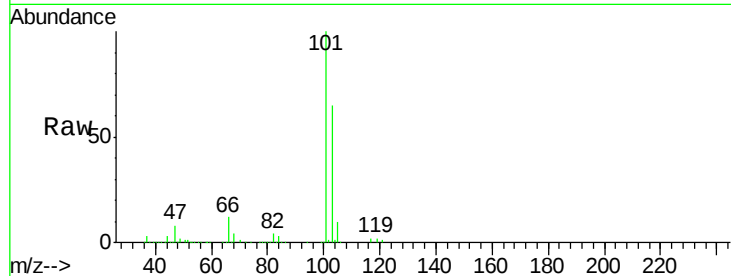


#7

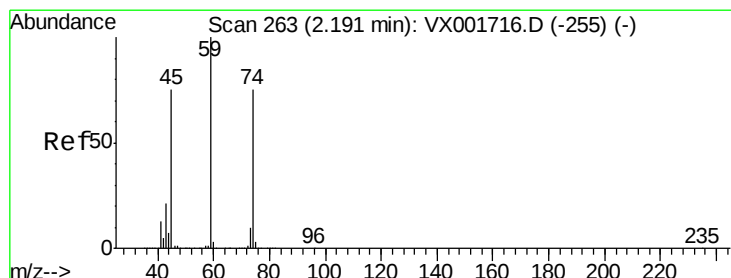
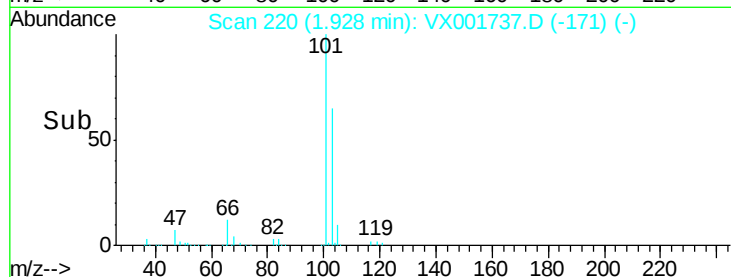
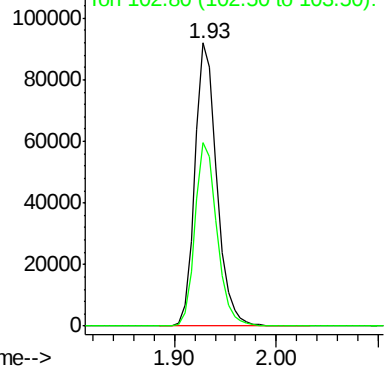
Trichlorofluoromethane
Concen: 22.52 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

Tgt Ion: 101 Resp: 136790
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8



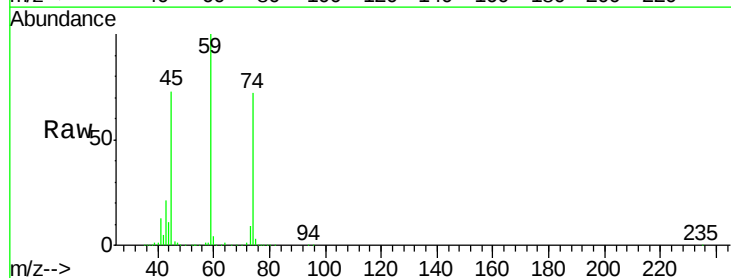
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



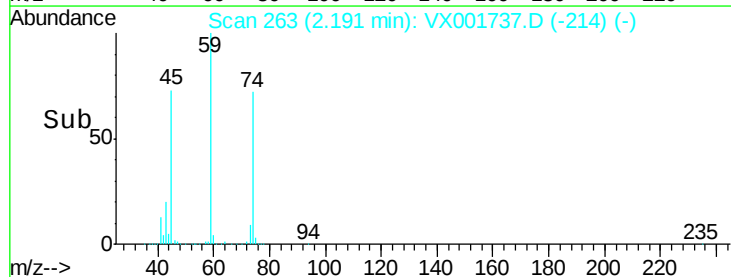
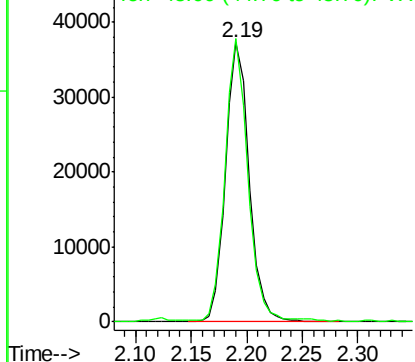
#8

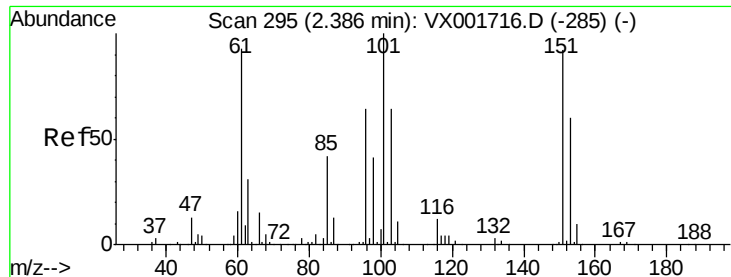
Diethyl Ether
Concen: 21.93 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion: 74 Resp: 54832
Ion Ratio Lower Upper
74 100
45 98.1 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.65 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

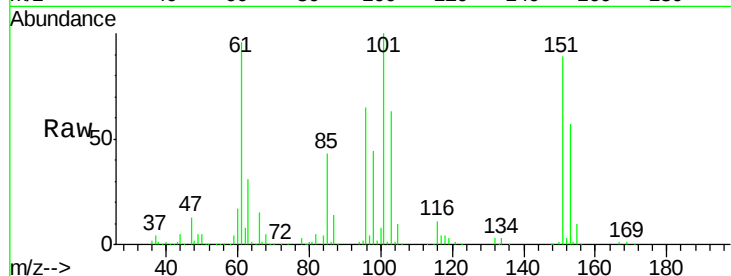
Tgt Ion:101 Resp: 82806

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

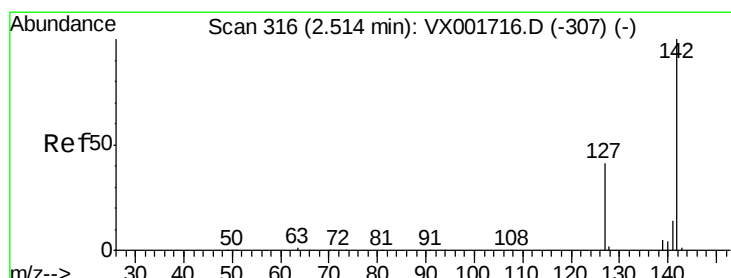
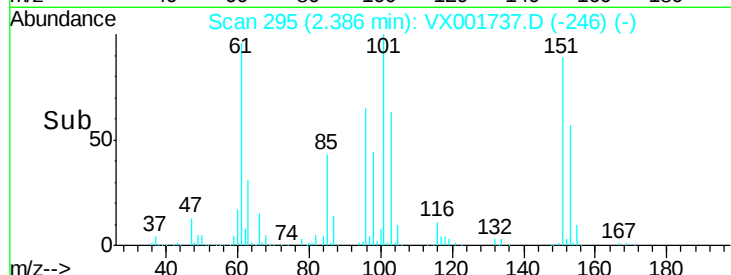
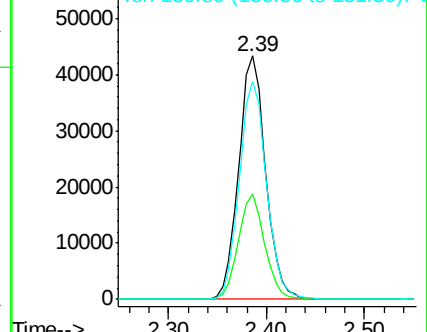
151 90.7 73.0 109.6



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: 13.80 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

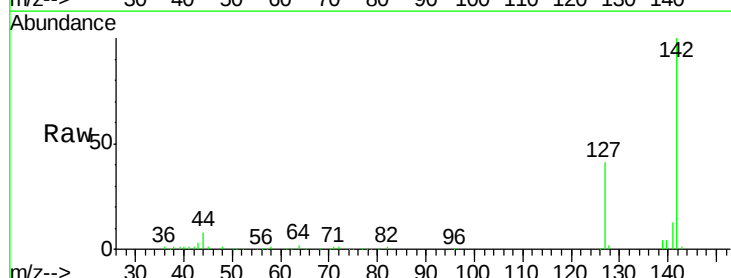
Tgt Ion:142 Resp: 46413

Ion Ratio Lower Upper

142 100

127 42.4 32.5 48.7

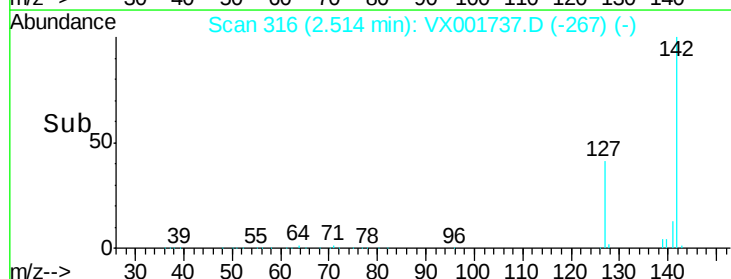
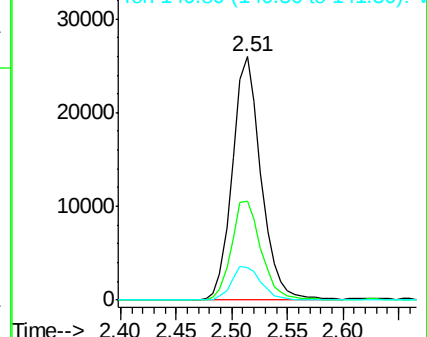
141 14.3 11.4 17.0

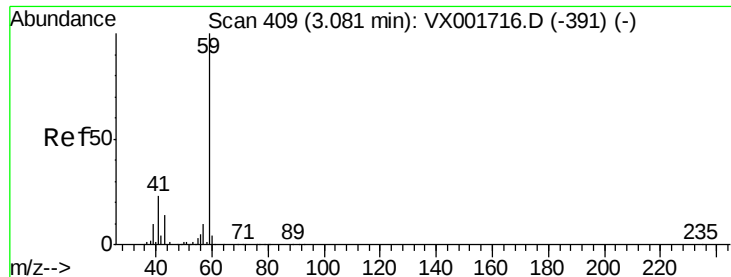


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

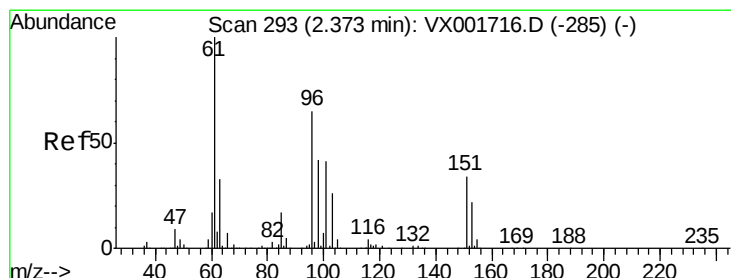
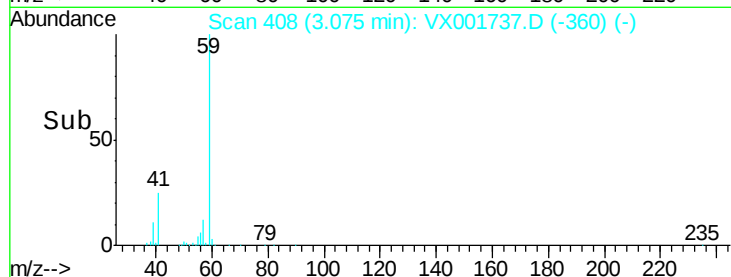
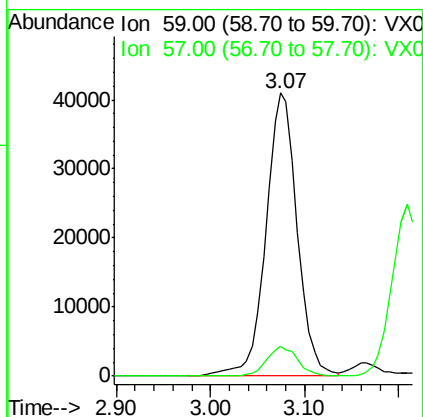
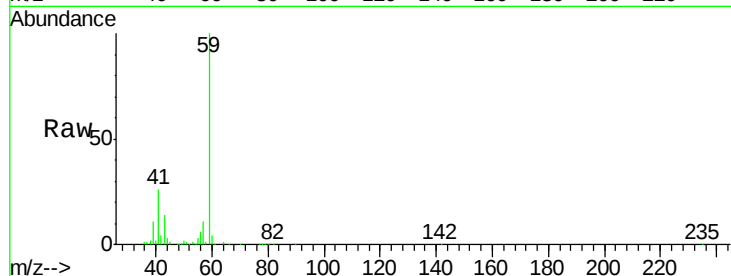




#11
Tert butyl alcohol
Concen: 112.52 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

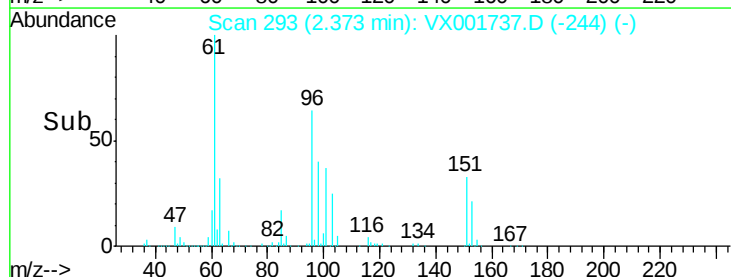
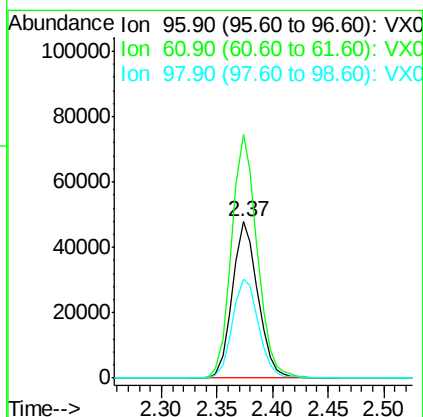
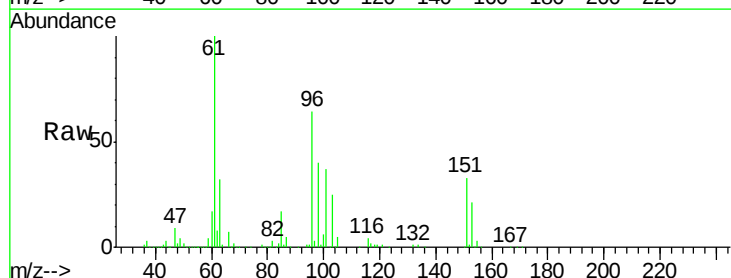
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

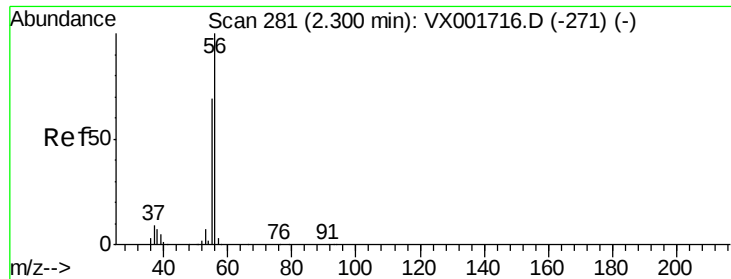
Tgt Ion: 59 Resp: 95490
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 21.63 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion: 96 Resp: 76254
Ion Ratio Lower Upper
96 100
61 155.8 122.2 183.2
98 63.0 51.4 77.0





#13

Acrolein

Concen: 105.52 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

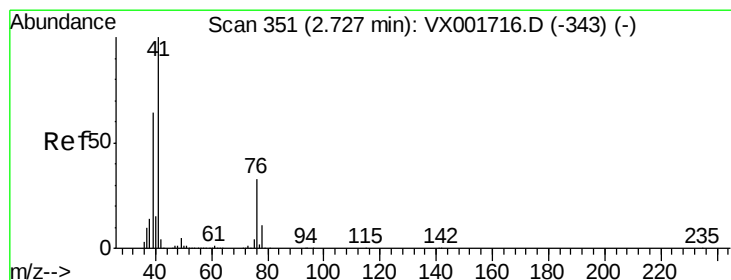
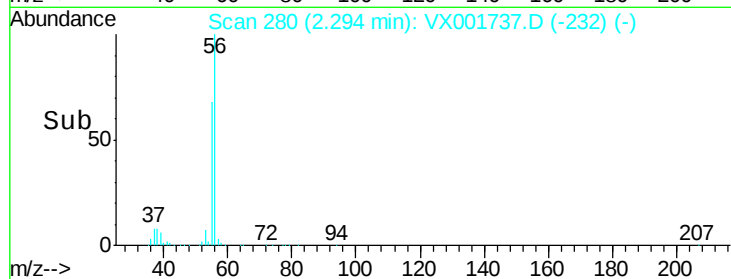
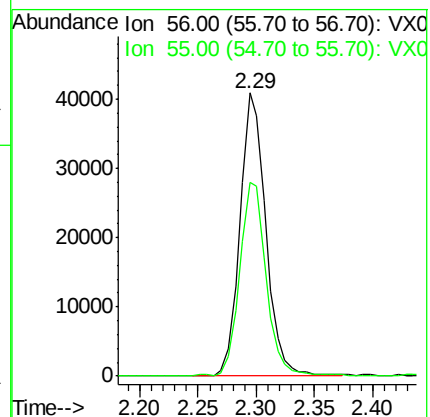
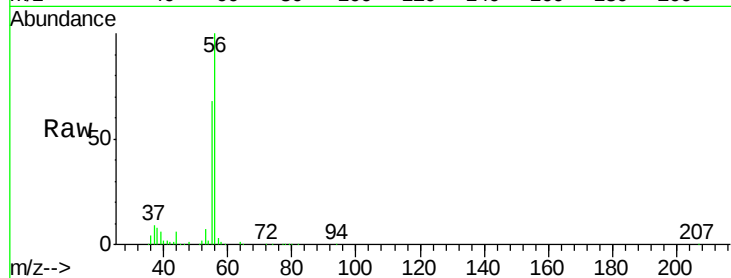
VX0515WBS02

Tgt Ion: 56 Resp: 63512

Ion Ratio Lower Upper

56 100

55 69.3 56.2 84.2



#14

Allyl chloride

Concen: 22.16 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

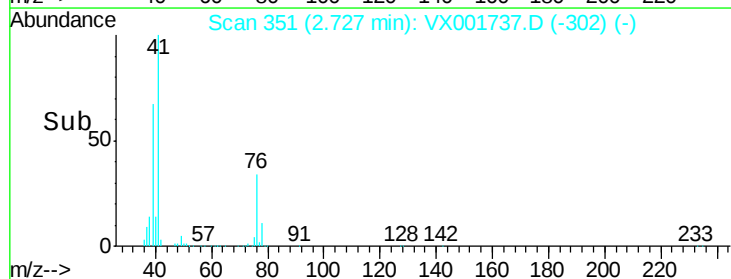
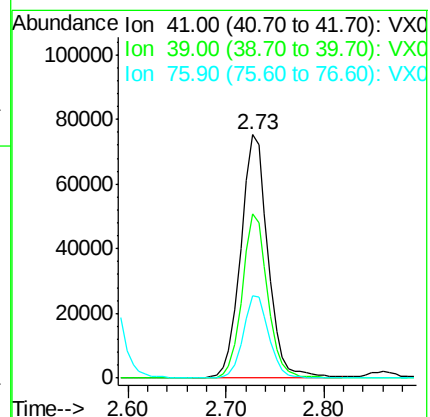
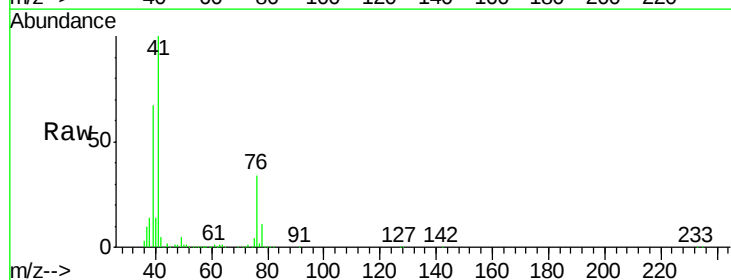
Tgt Ion: 41 Resp: 144370

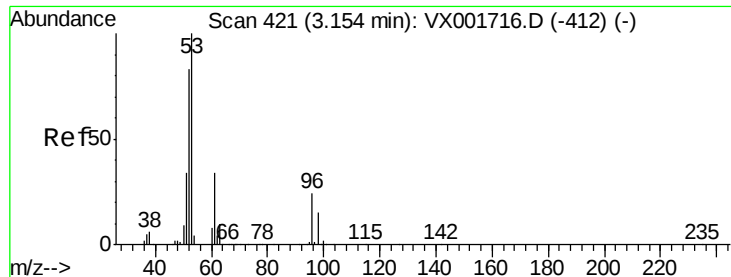
Ion Ratio Lower Upper

41 100

39 62.6 49.8 74.6

76 31.8 25.8 38.8





#15

Acrylonitrile

Concen: 107.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

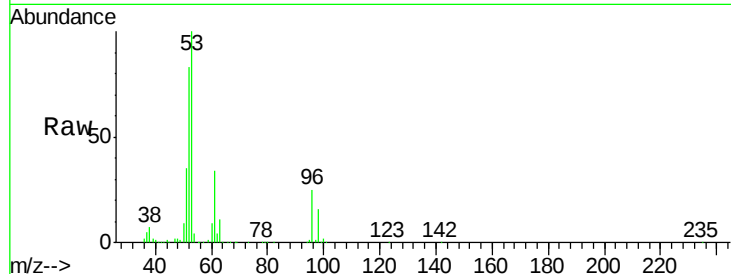
Tgt Ion: 53 Resp: 230150

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

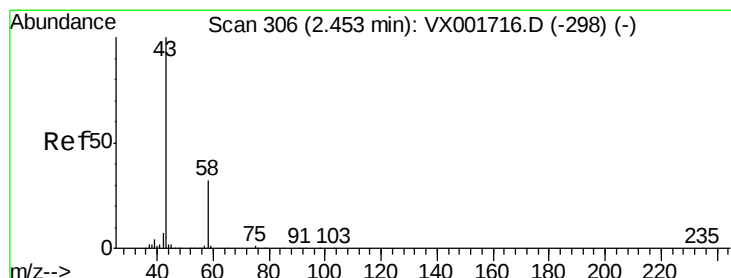
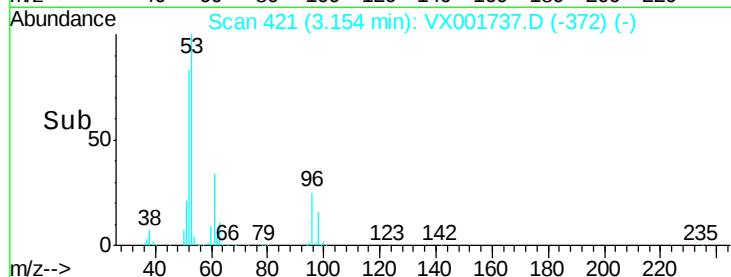
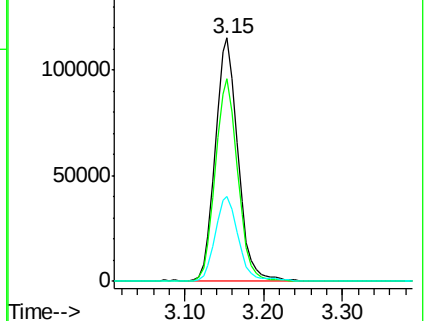
51 35.6 28.1 42.1



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: 115.40 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001737.D

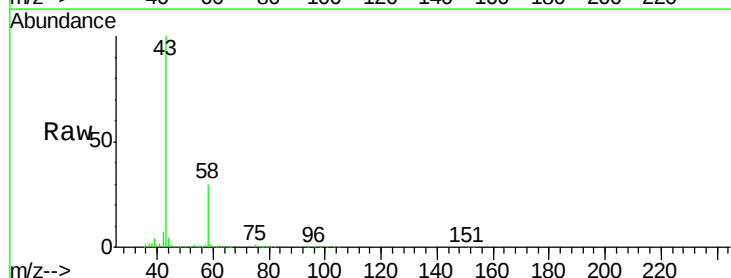
Acq: 15 May 2018 11:34

Tgt Ion: 43 Resp: 216650

Ion Ratio Lower Upper

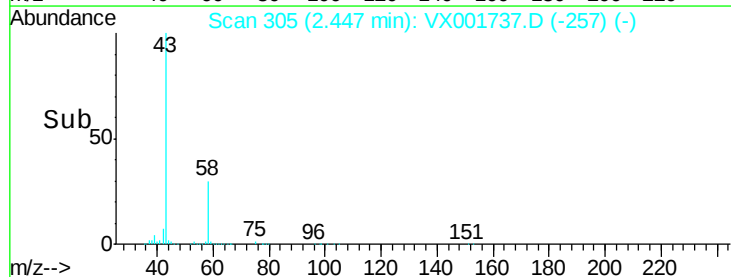
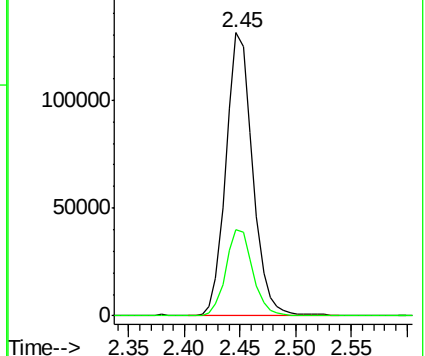
43 100

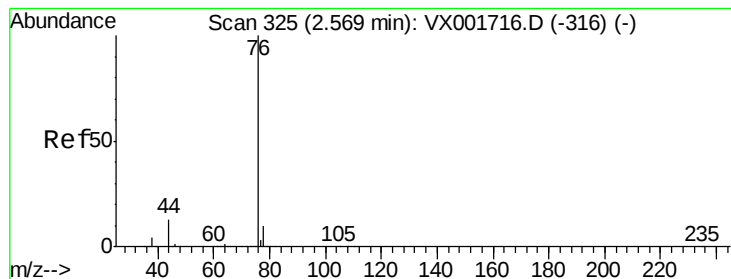
58 30.5 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 21.16 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

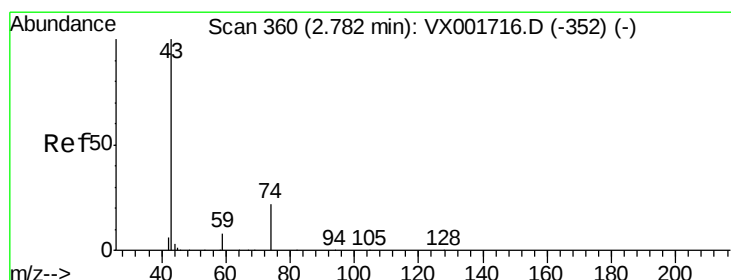
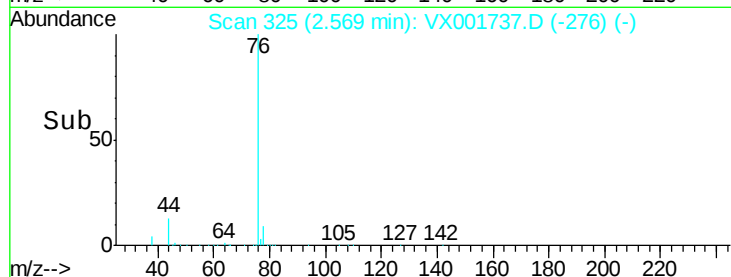
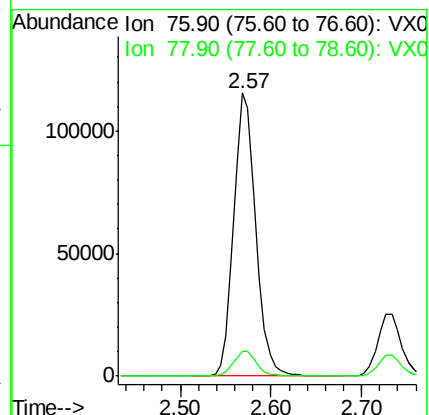
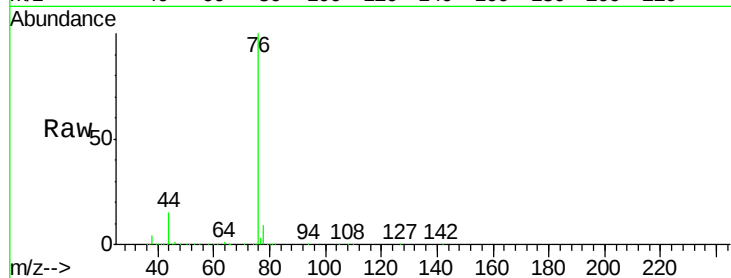
VX0515WBS02

Tgt Ion: 76 Resp: 194523

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4



#18

Methyl Acetate

Concen: 22.55 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001737.D

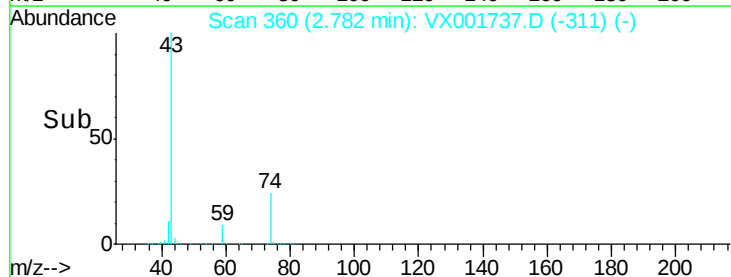
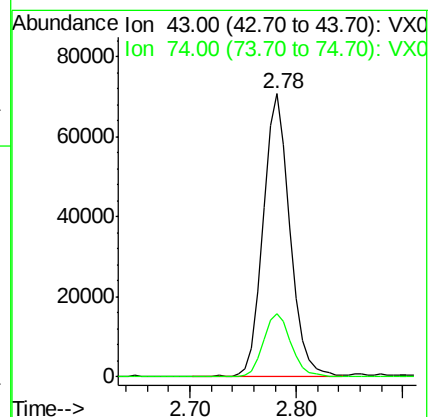
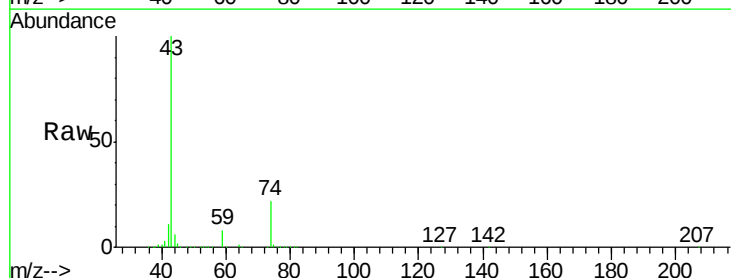
Acq: 15 May 2018 11:34

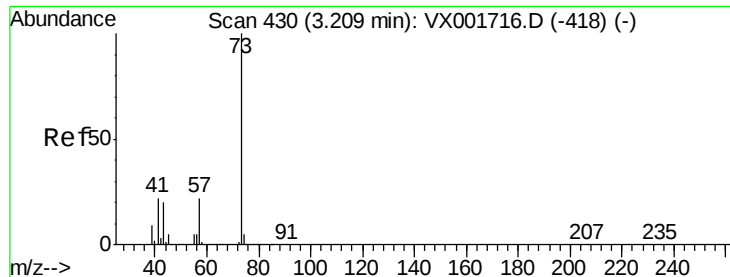
Tgt Ion: 43 Resp: 123763

Ion Ratio Lower Upper

43 100

74 22.9 18.2 27.2





#19

Methyl tert-butyl Ether

Concen: 22.04 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

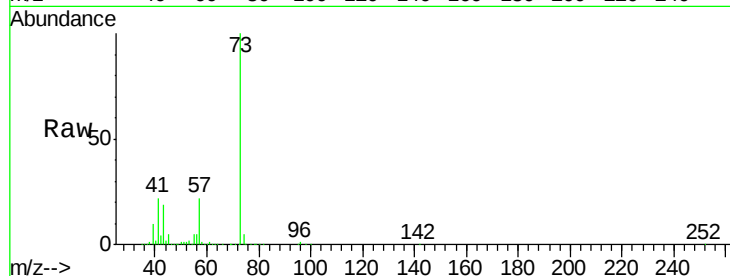
VX0515WBS02

Tgt Ion: 73 Resp: 261836

Ion Ratio Lower Upper

73 100

57 22.2 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

120000

100000

80000

60000

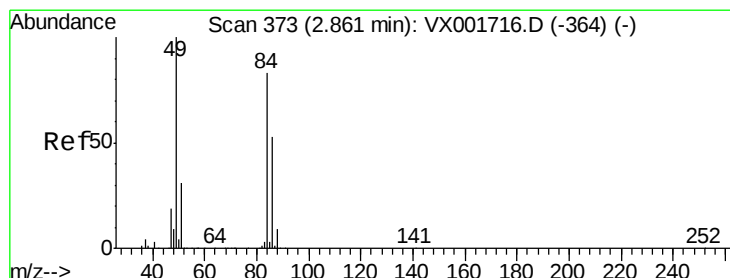
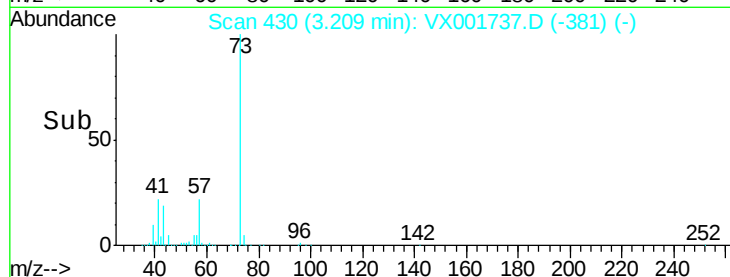
40000

20000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 21.72 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Tgt Ion: 84 Resp: 87265

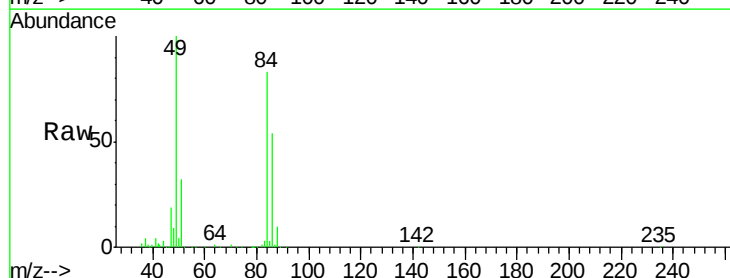
Ion Ratio Lower Upper

84 100

49 120.3 96.3 144.5

51 38.3 29.8 44.6

86 65.6 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

60000

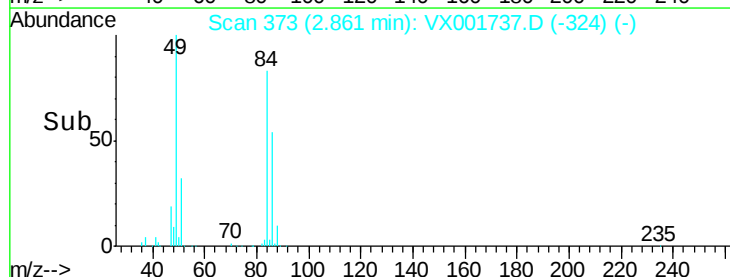
40000

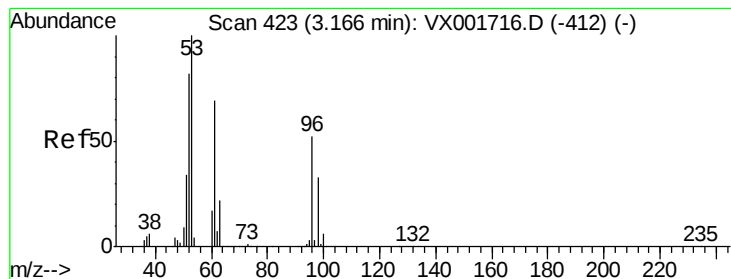
20000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 21.50 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

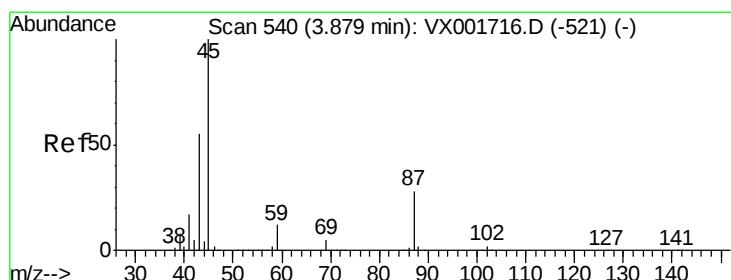
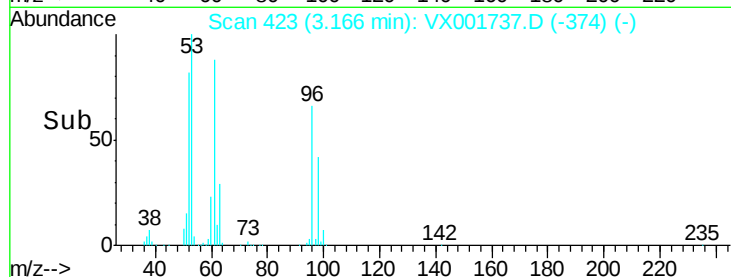
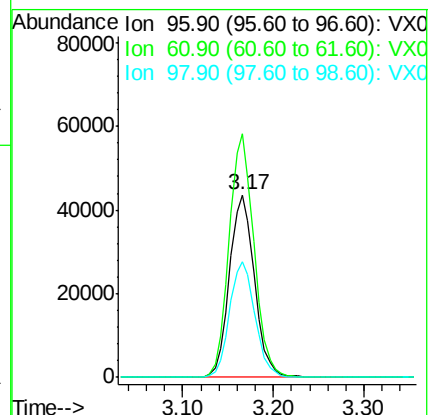
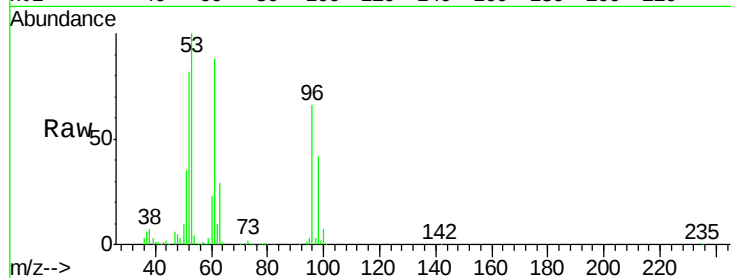
Tgt Ion: 96 Resp: 83492

Ion Ratio Lower Upper

96 100

61 133.3 105.8 158.8

98 63.1 50.2 75.4



#22

Diisopropyl ether

Concen: 21.25 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Tgt Ion: 45 Resp: 265566

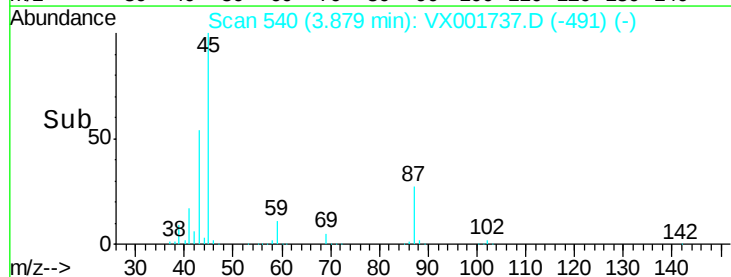
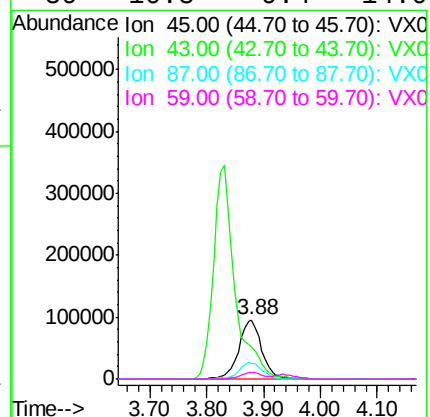
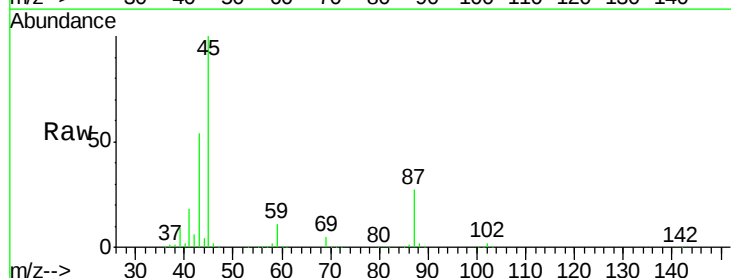
Ion Ratio Lower Upper

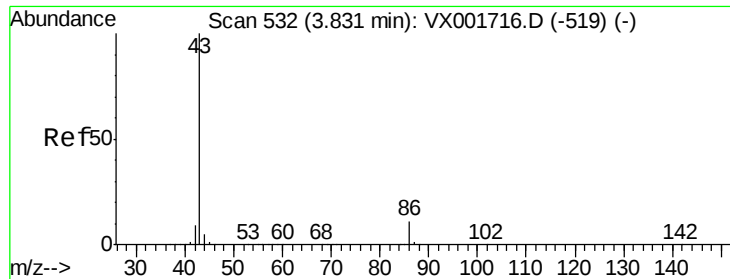
45 100

43 54.1 44.3 66.5

87 27.2 22.6 33.8

59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 101.80 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

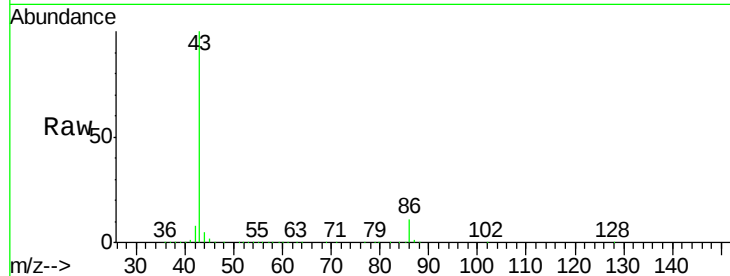
VX0515WBS02

Tgt Ion: 43 Resp: 916719

Ion Ratio Lower Upper

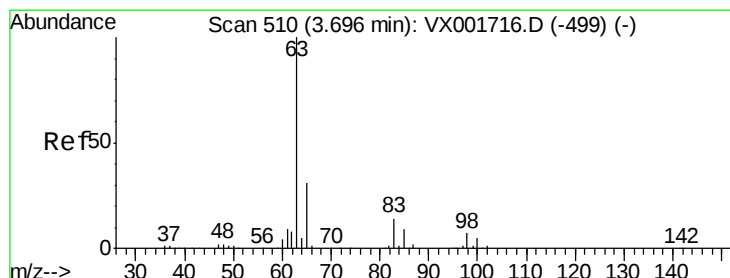
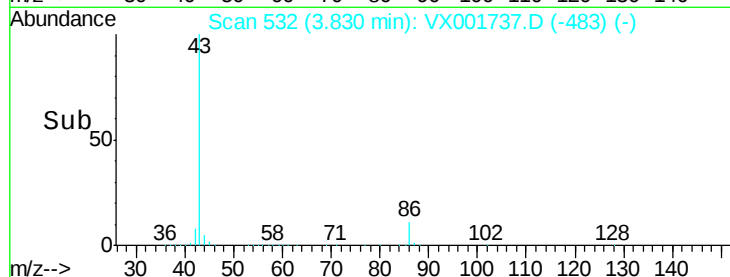
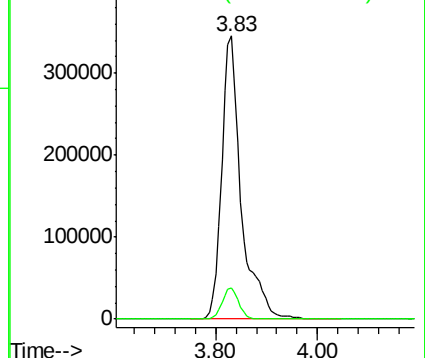
43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.94 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

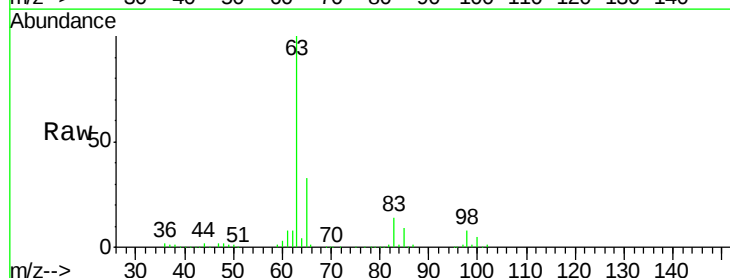
Tgt Ion: 63 Resp: 150401

Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

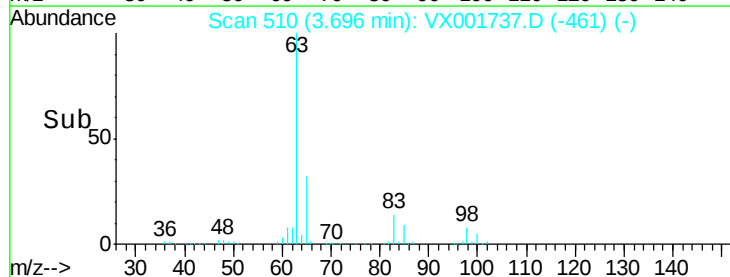
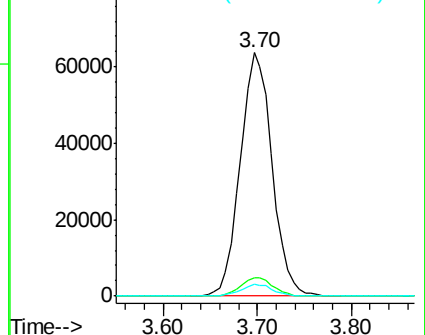
100 4.8 2.4 7.2

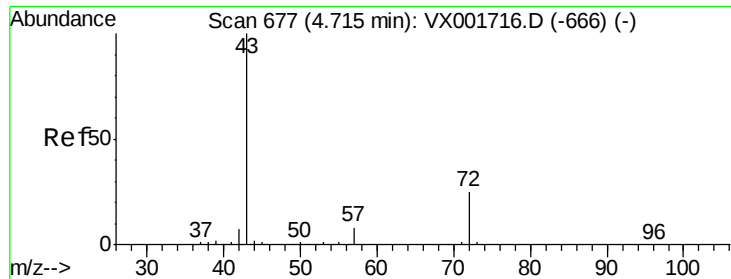


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 112.10 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

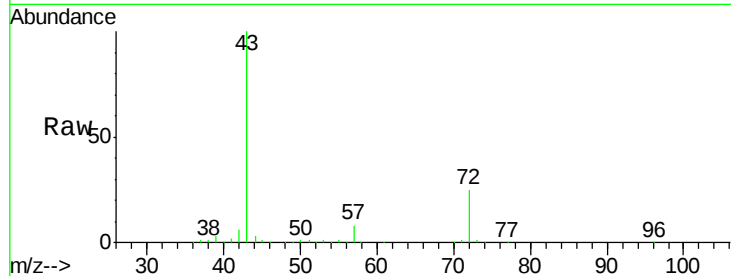
VX0515WBS02

Tgt Ion: 43 Resp: 322200

Ion Ratio Lower Upper

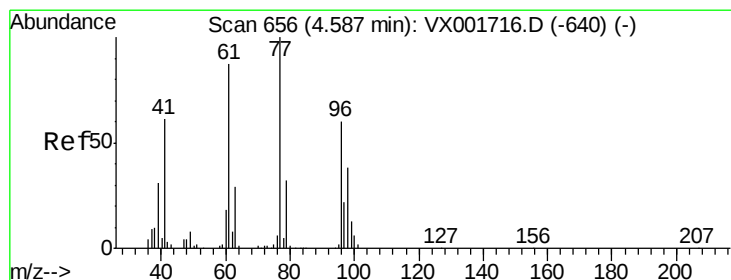
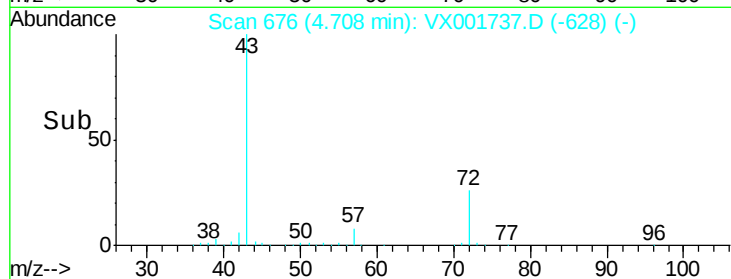
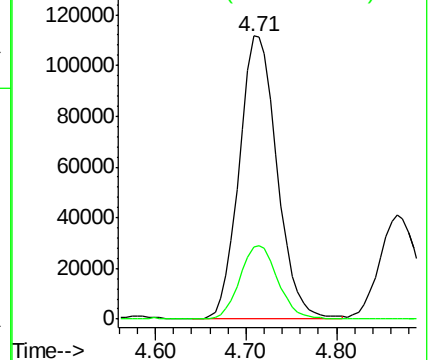
43 100

72 25.4 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 22.40 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001737.D

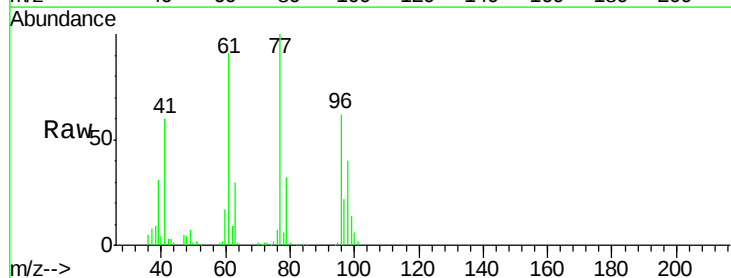
Acq: 15 May 2018 11:34

Tgt Ion: 77 Resp: 123595

Ion Ratio Lower Upper

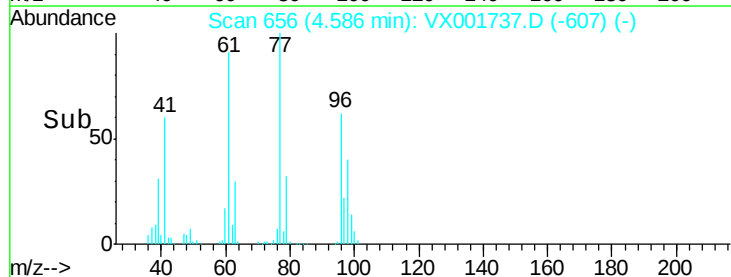
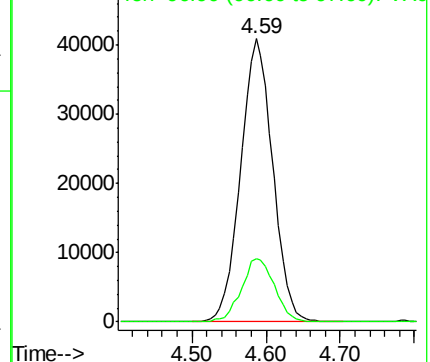
77 100

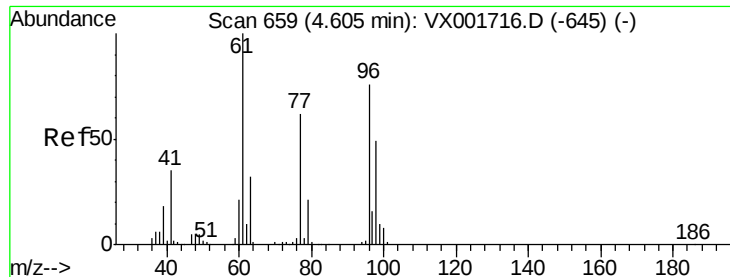
97 23.1 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 21.64 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

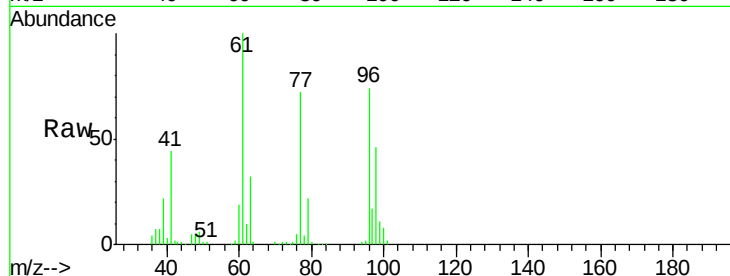
Tgt Ion: 96 Resp: 95613

Ion Ratio Lower Upper

96 100

61 143.2 0.0 280.4

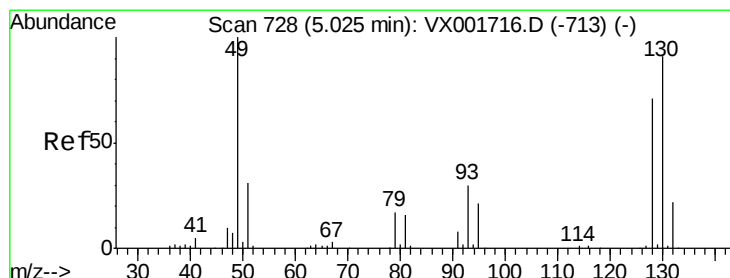
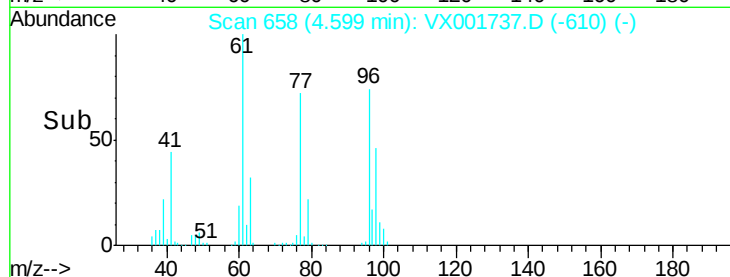
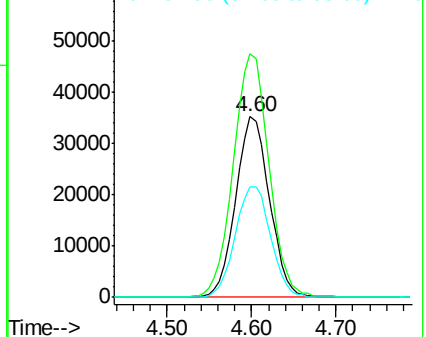
98 64.6 0.0 128.4



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: 22.74 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

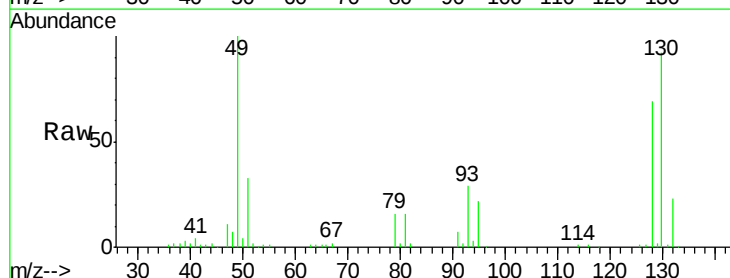
Tgt Ion: 49 Resp: 69243

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

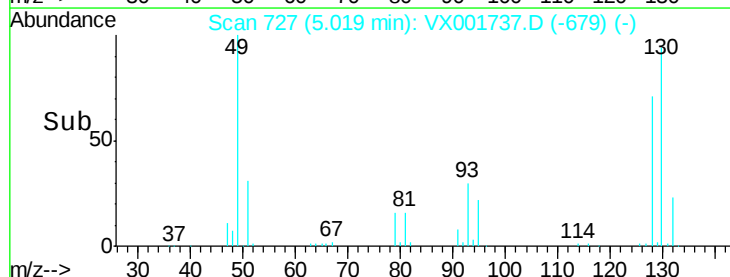
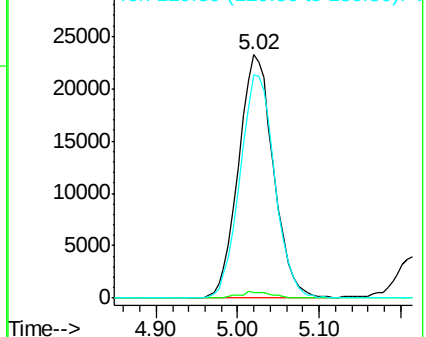
130 91.1 71.8 107.6

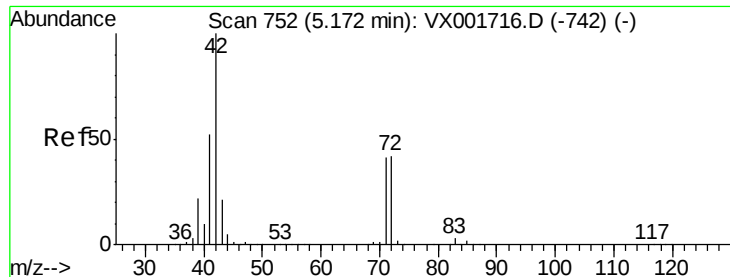


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 107.95 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

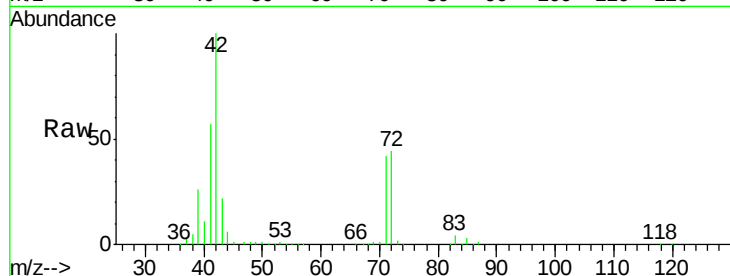
Tgt Ion: 42 Resp: 202254

Ion Ratio Lower Upper

42 100

72 44.9 35.4 53.2

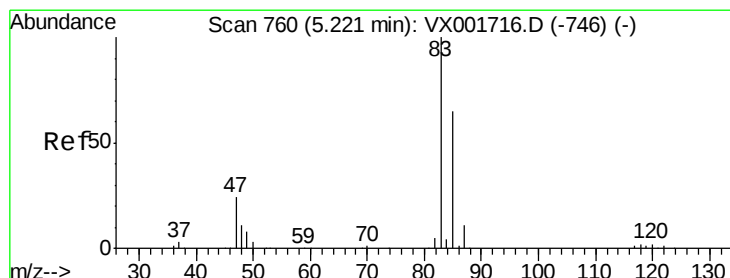
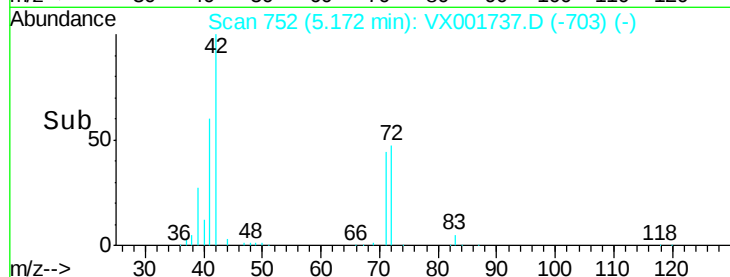
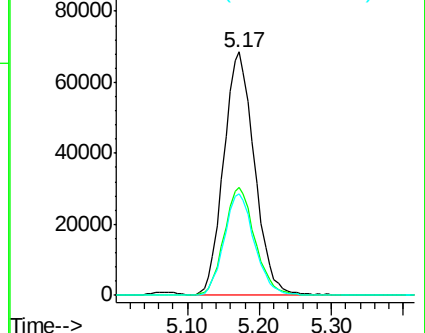
71 41.5 33.2 49.8



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: 21.99 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001737.D

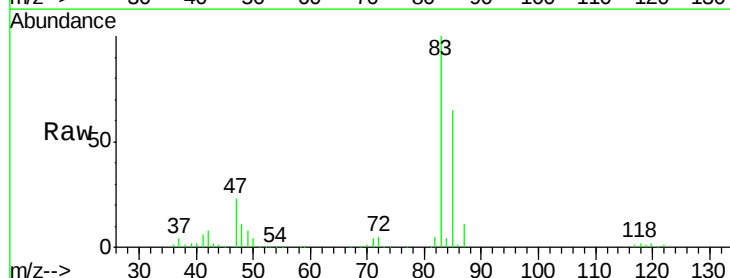
Acq: 15 May 2018 11:34

Tgt Ion: 83 Resp: 158304

Ion Ratio Lower Upper

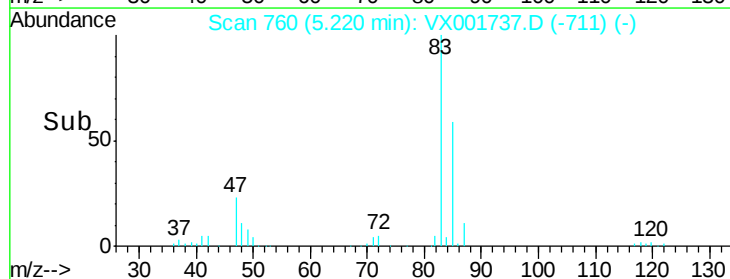
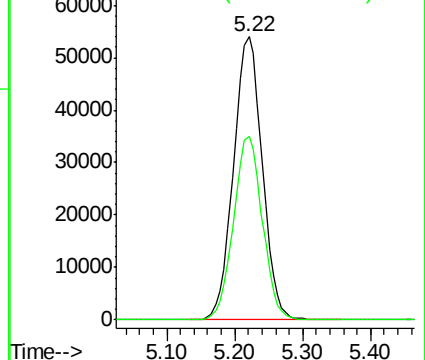
83 100

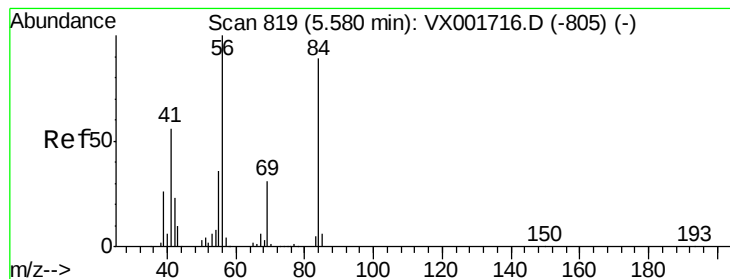
85 64.7 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 22.93 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampled :

VX0515WBS02

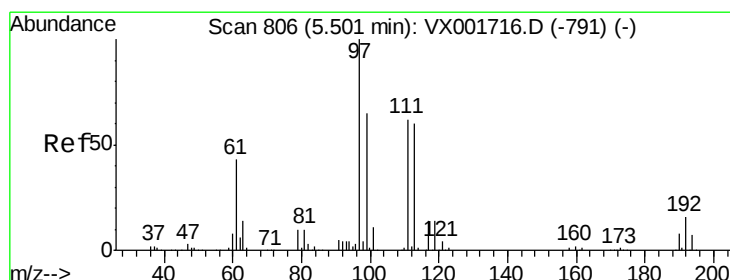
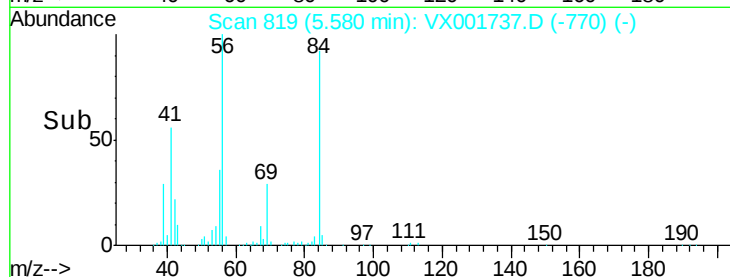
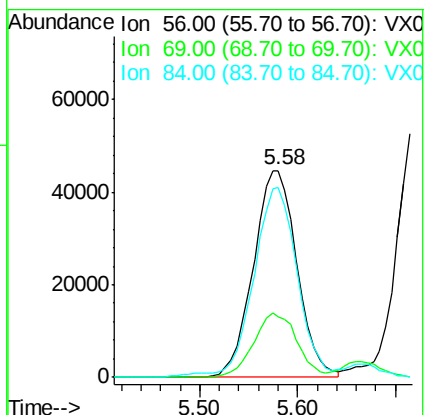
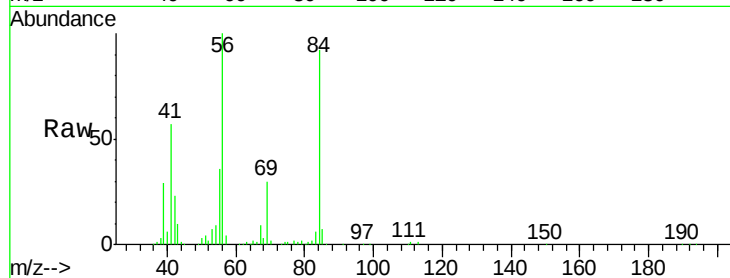
Tgt Ion: 56 Resp: 137762

Ion Ratio Lower Upper

56 100

69 29.6 25.0 37.6

84 90.8 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 22.44 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

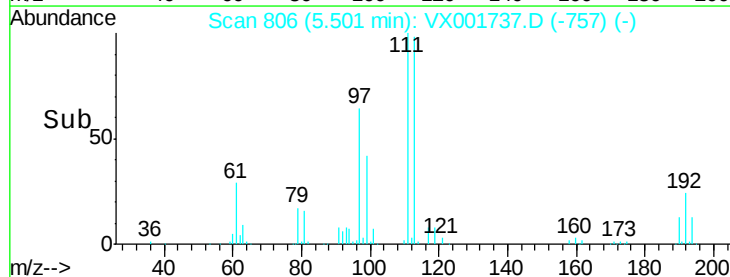
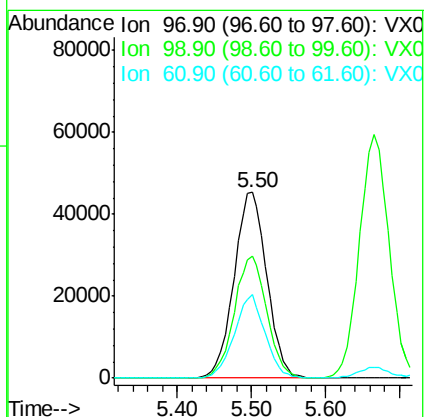
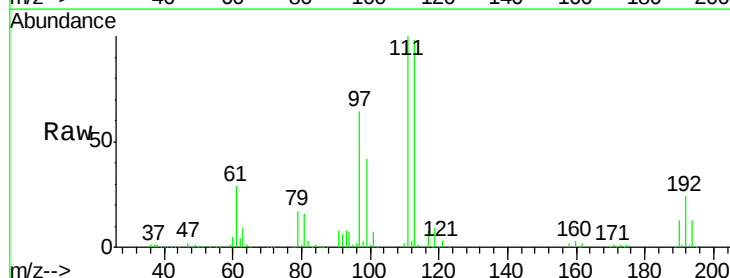
Tgt Ion: 97 Resp: 139595

Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

61 42.5 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 51.35 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampled :

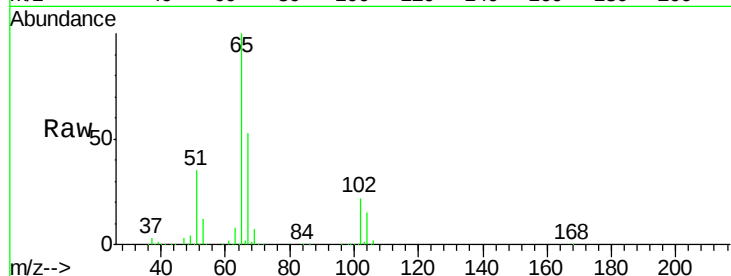
VX0515WBS02

Tgt Ion: 65 Resp: 245459

Ion Ratio Lower Upper

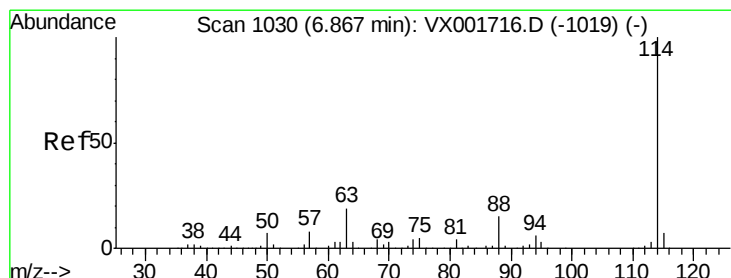
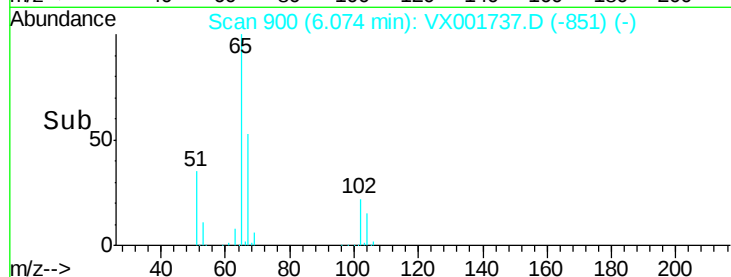
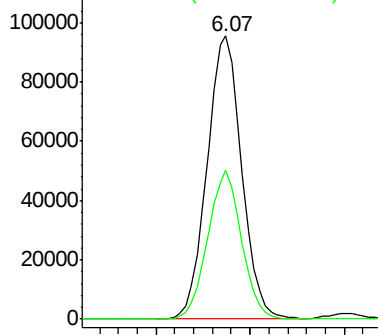
65 100

67 51.3 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

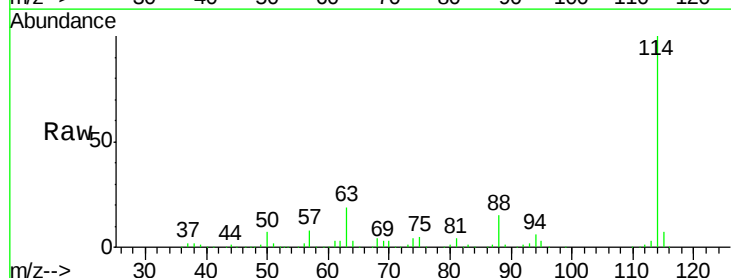
Tgt Ion: 114 Resp: 452431

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

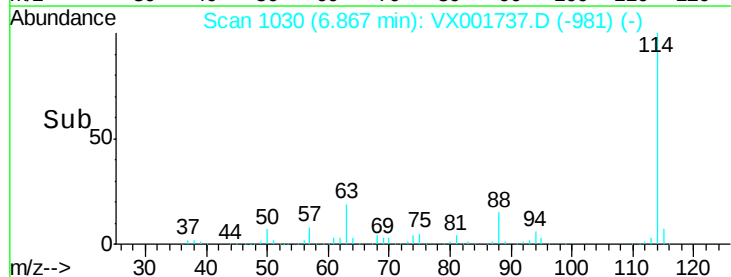
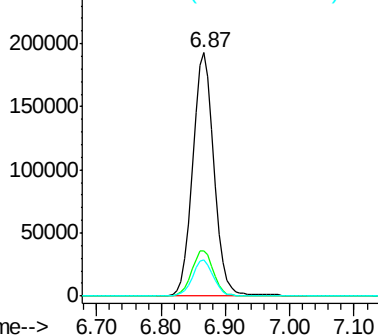
88 15.1 0.0 29.8

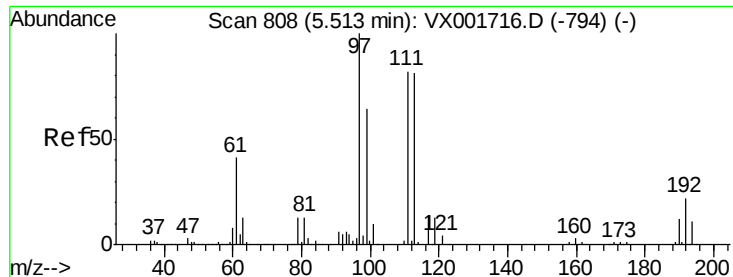


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

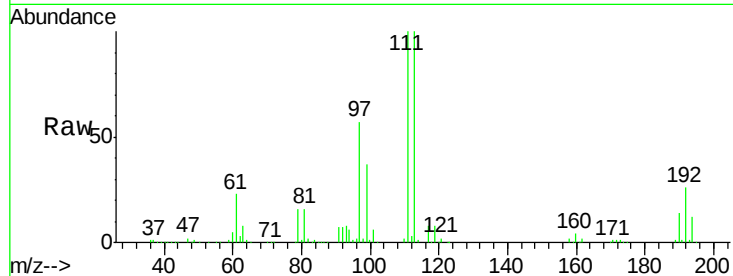
Tgt Ion:113 Resp: 206767

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

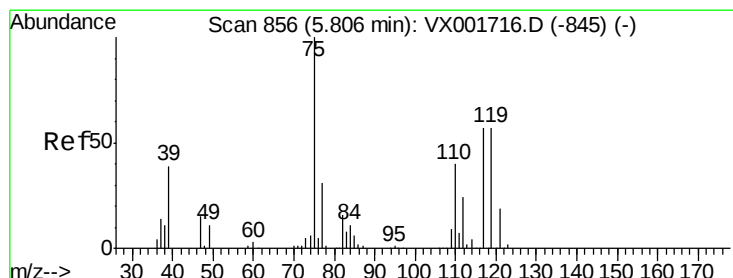
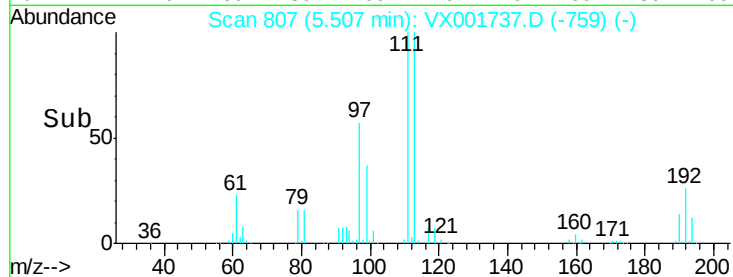
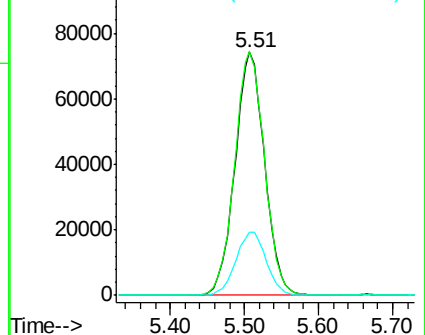
192 26.8 21.6 32.4



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: 22.95 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

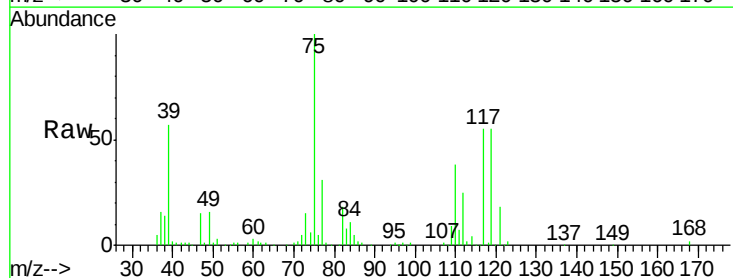
Tgt Ion: 75 Resp: 119530

Ion Ratio Lower Upper

75 100

110 37.7 19.1 57.1

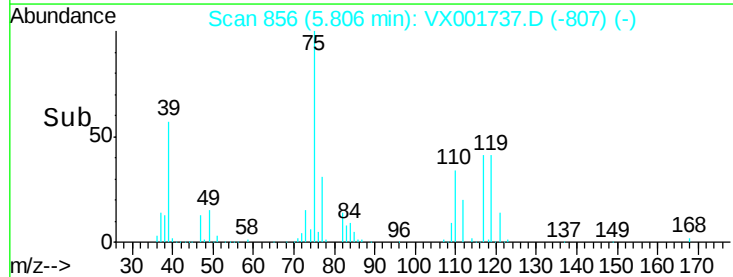
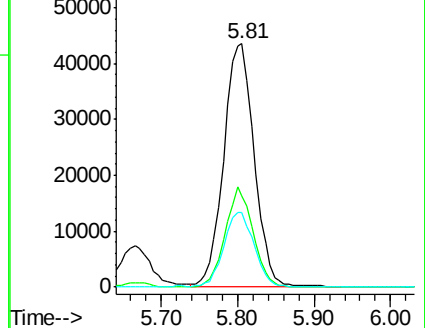
77 31.0 24.6 37.0

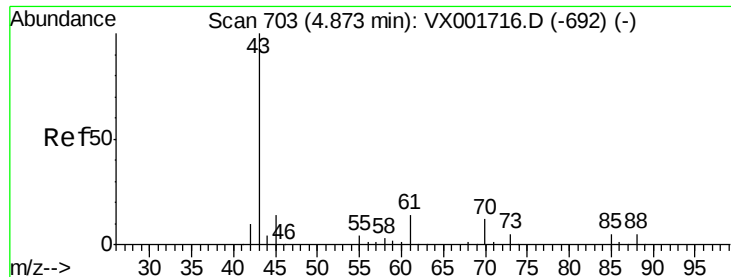


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

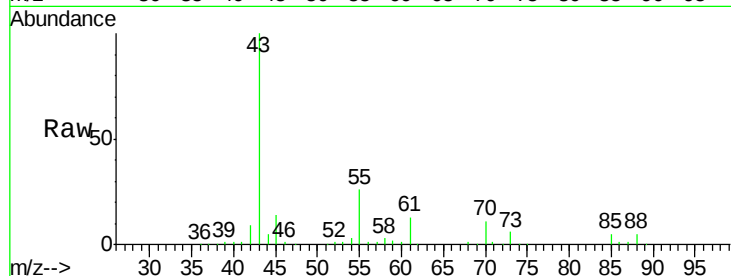




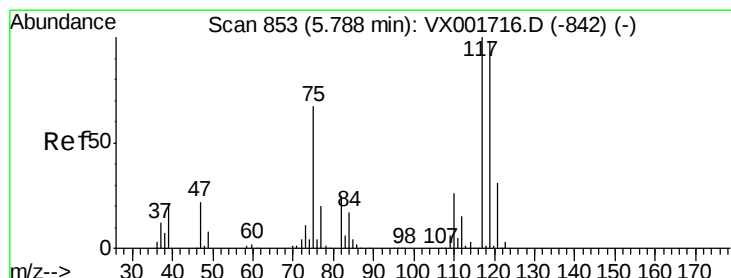
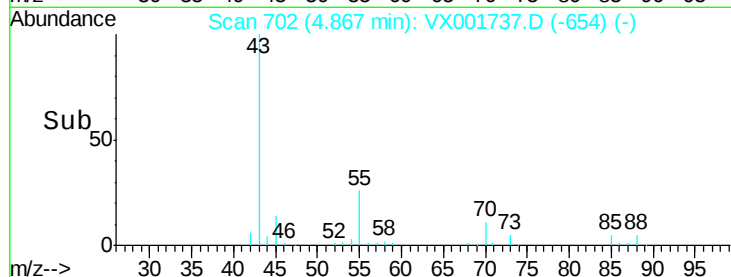
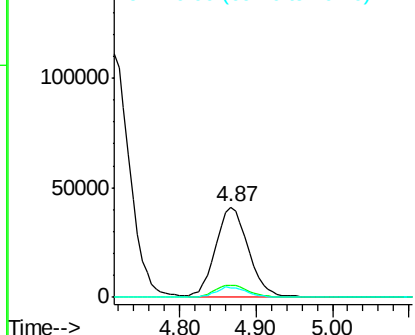
#37
Ethyl Acetate
Concen: 22.17 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Instrument :
MSVOA_X
ClientSampled :
VX0515WBS02

Tgt Ion: 43 Resp: 120320
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 11.3 8.8 13.2

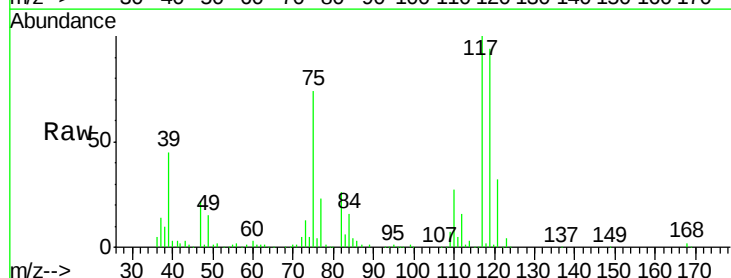


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

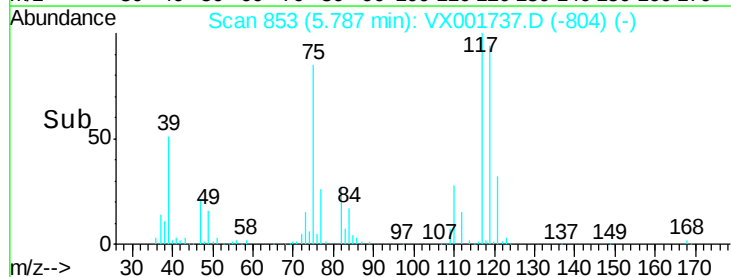
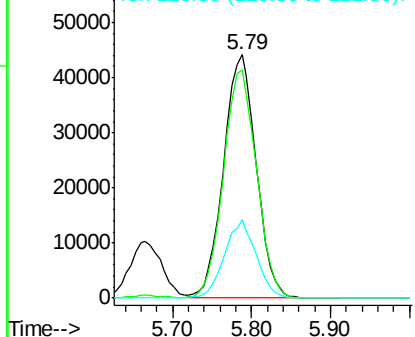


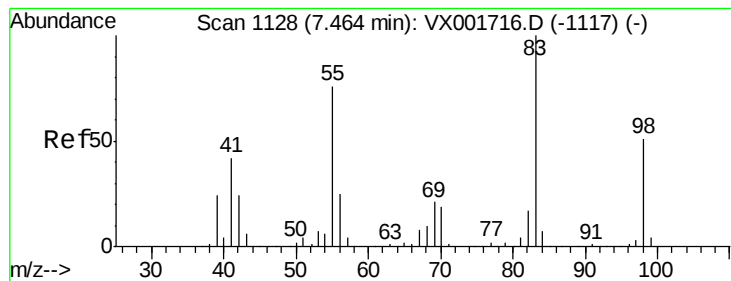
#38
Carbon Tetrachloride
Concen: 23.33 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion: 117 Resp: 127299
Ion Ratio Lower Upper
117 100
119 93.8 77.6 116.4
121 32.4 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 24.39 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

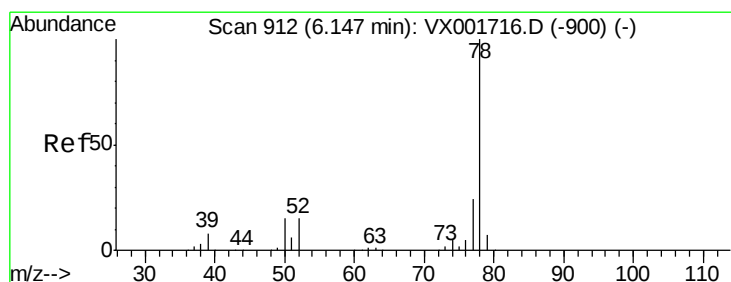
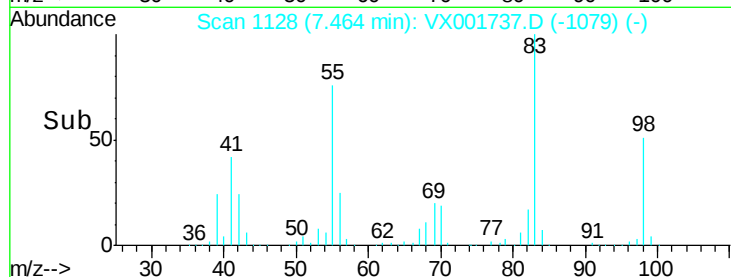
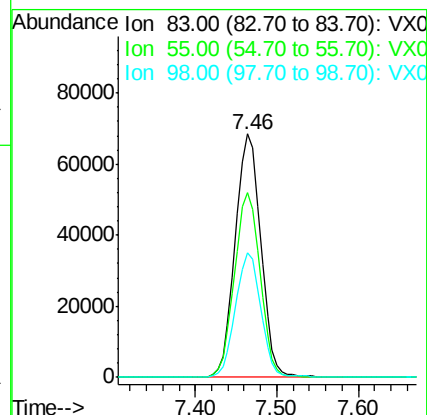
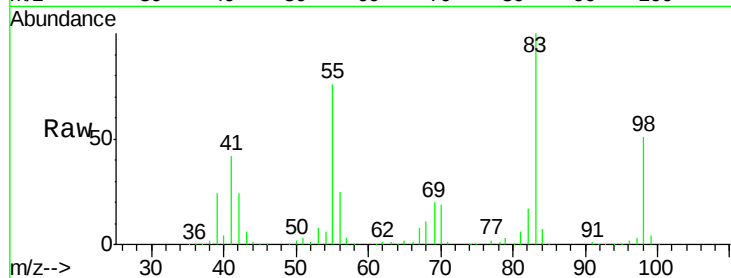
Tgt Ion: 83 Resp: 148391

Ion Ratio Lower Upper

83 100

55 76.0 60.6 90.8

98 51.2 40.4 60.6



#40

Benzene

Concen: 22.99 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001737.D

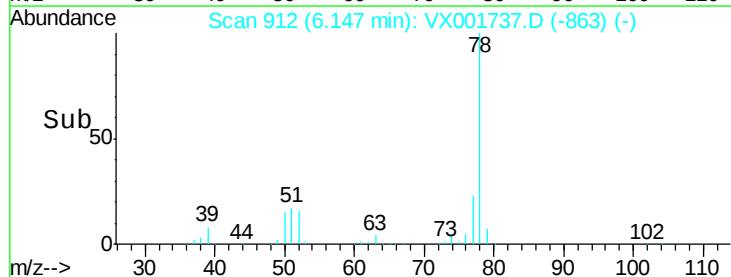
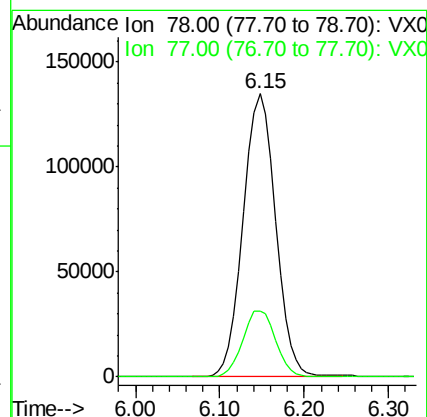
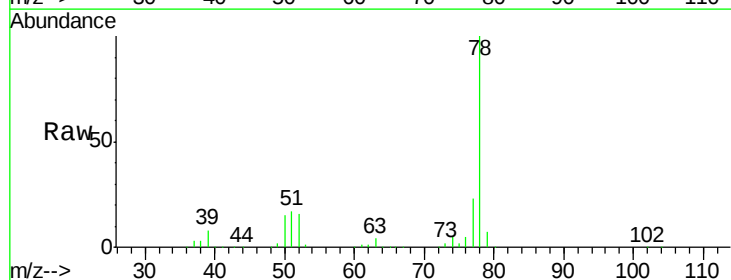
Acq: 15 May 2018 11:34

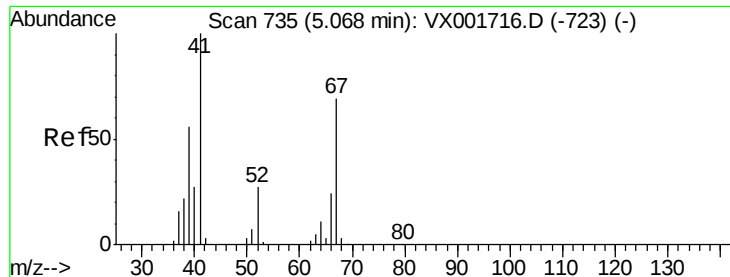
Tgt Ion: 78 Resp: 352725

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4

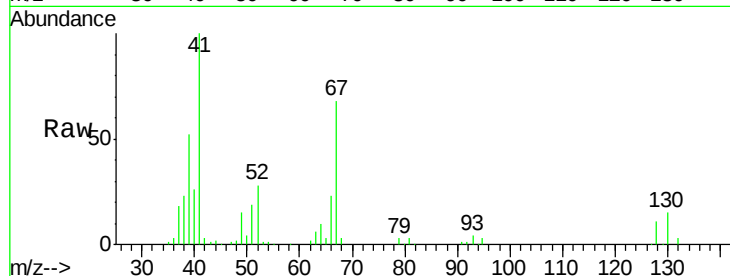




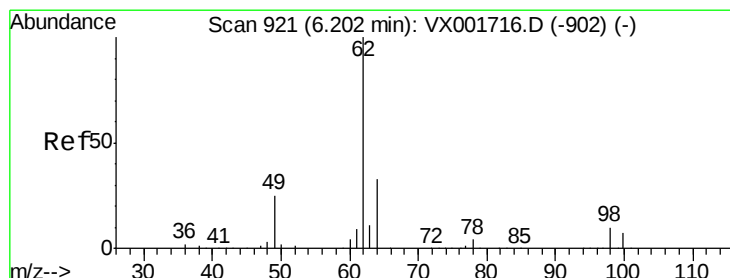
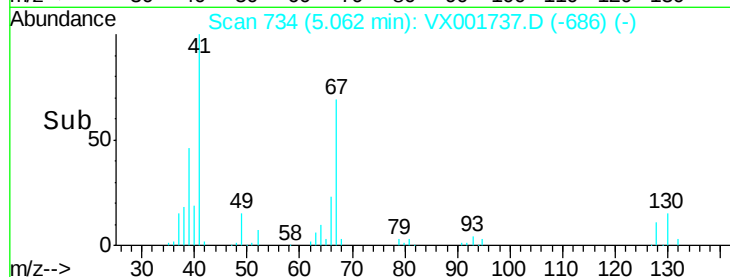
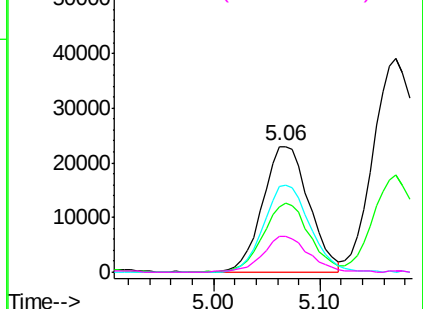
#41
Methacrylonitrile
Concen: 22.20 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

Tgt Ion:	41	Resp:	69682
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.2	66.4
67	69.3	56.0	84.0
52	28.8	22.6	33.8

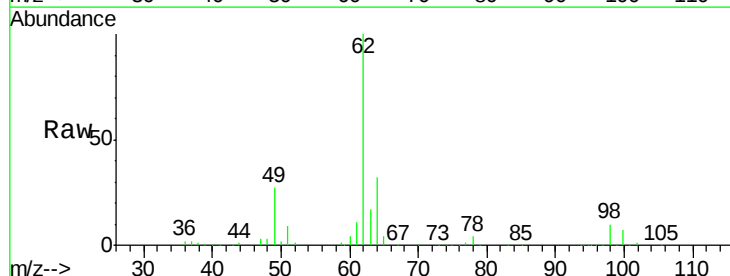


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

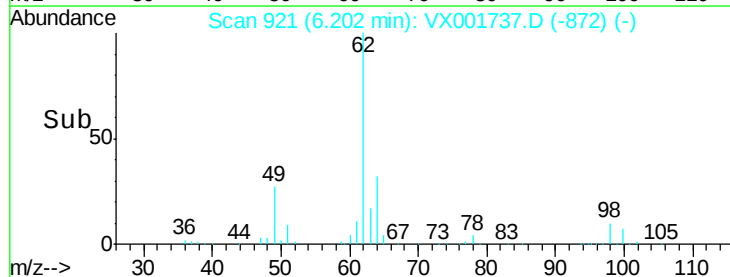
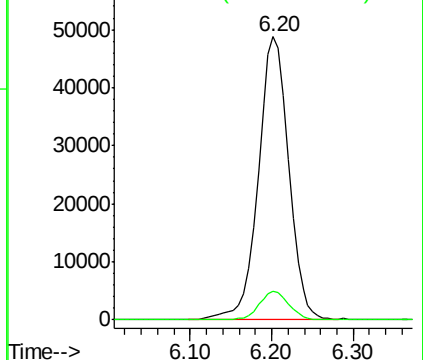


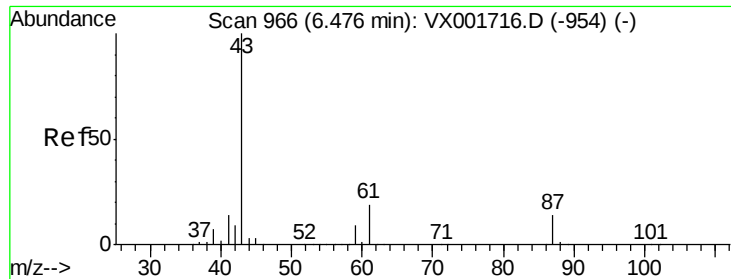
#42
1,2-Dichloroethane
Concen: 22.76 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion:	62	Resp:	126289
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 22.48 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampled :

VX0515WBS02

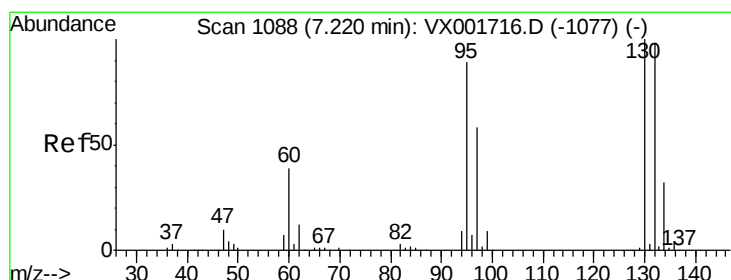
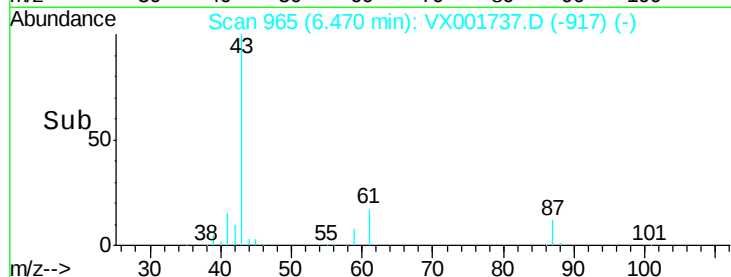
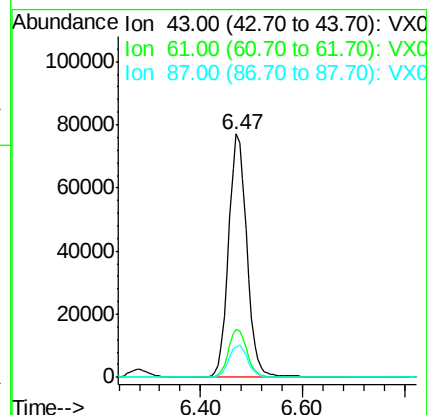
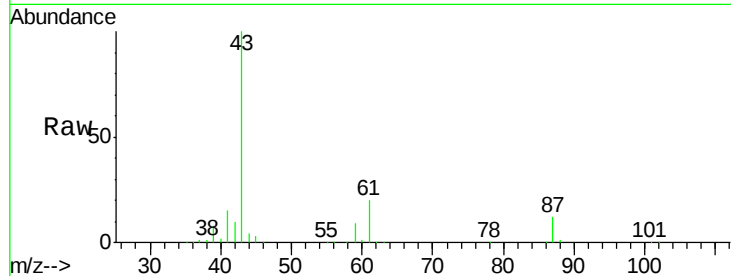
Tgt Ion: 43 Resp: 190949

Ion Ratio Lower Upper

43 100

61 20.2 15.8 23.8

87 13.6 11.0 16.4



#44

Trichloroethene

Concen: 23.14 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001737.D

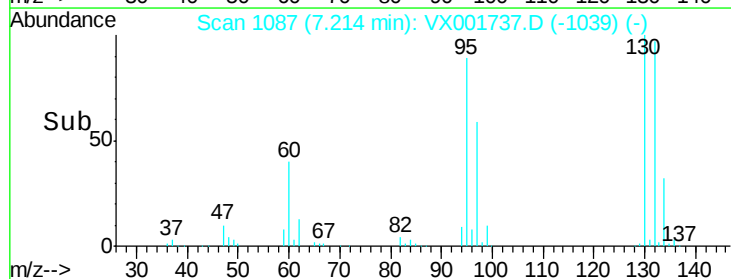
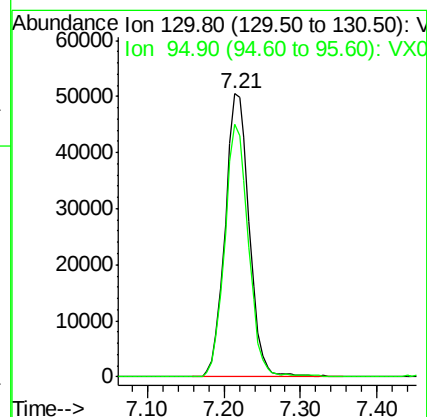
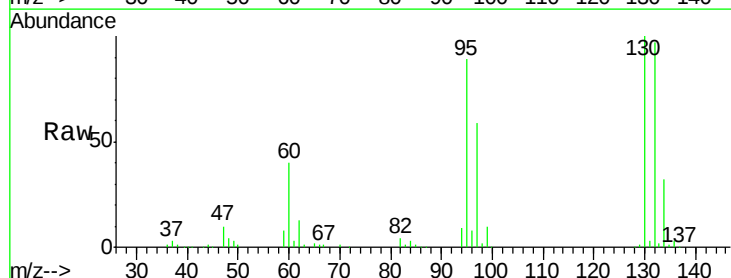
Acq: 15 May 2018 11:34

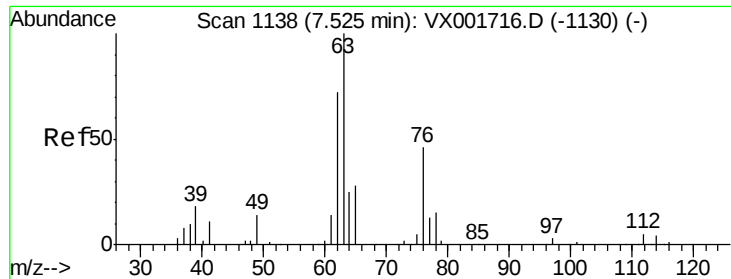
Tgt Ion: 130 Resp: 110229

Ion Ratio Lower Upper

130 100

95 89.4 0.0 177.2

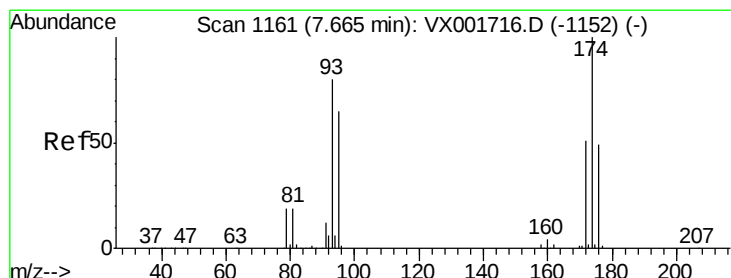
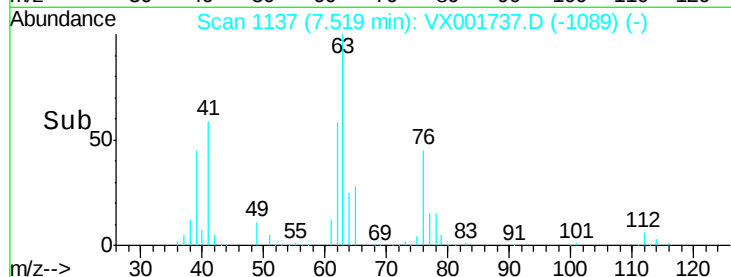
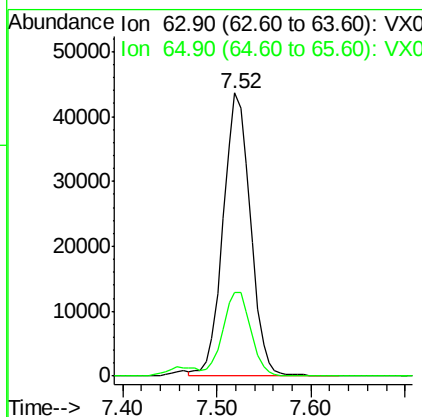
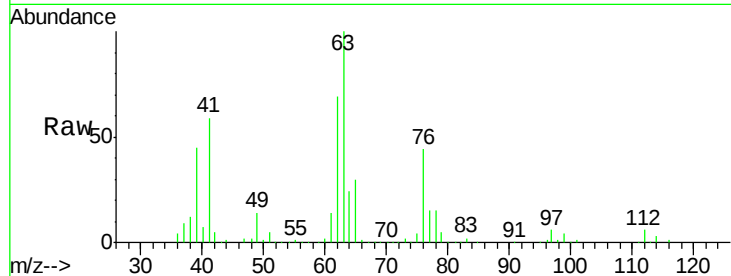




#45
 1,2-Dichloropropane
 Concen: 23.35 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

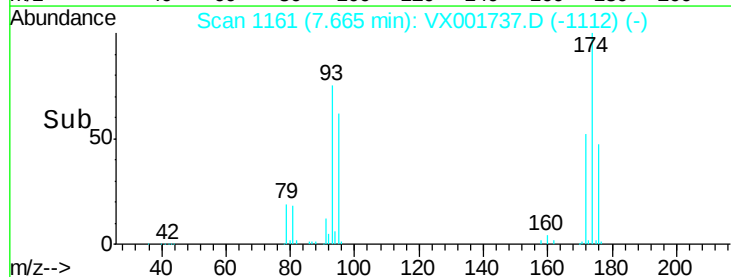
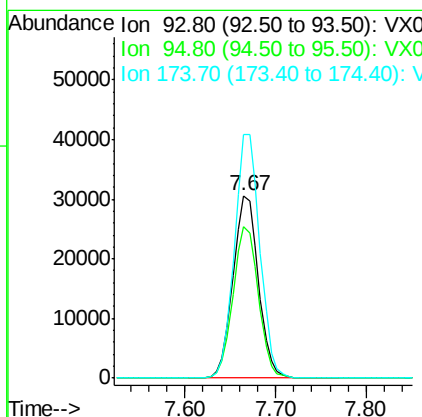
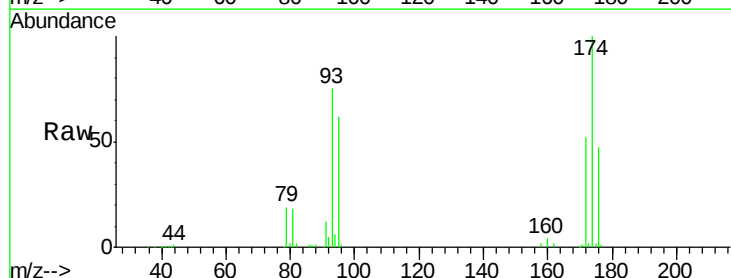
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS02

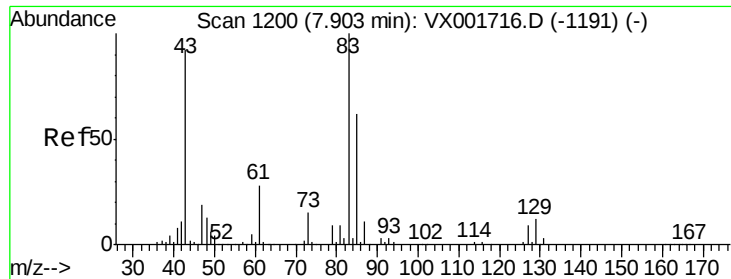
Tgt Ion: 63 Resp: 87923
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.2 36.2



#46
 Dibromomethane
 Concen: 22.48 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Tgt Ion: 93 Resp: 59439
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 133.4 106.2 159.2





#47

Bromodichloromethane

Concen: 23.39 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

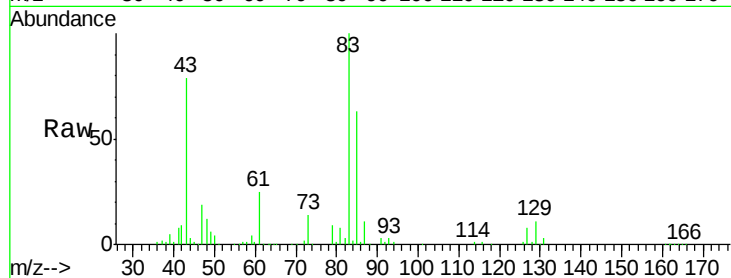
Tgt Ion: 83 Resp: 114763

Ion Ratio Lower Upper

83 100

85 62.9 49.6 74.4

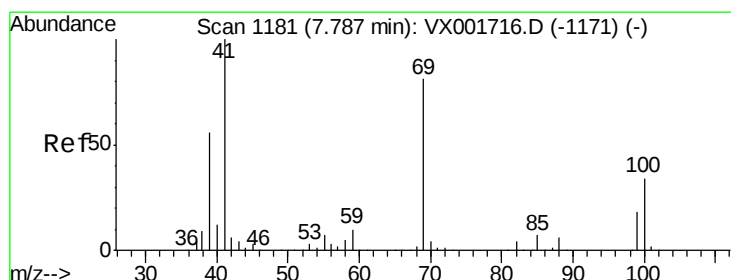
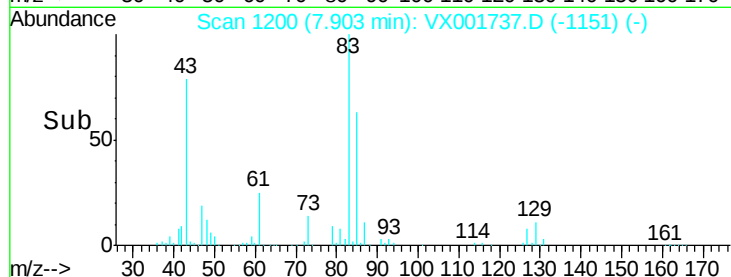
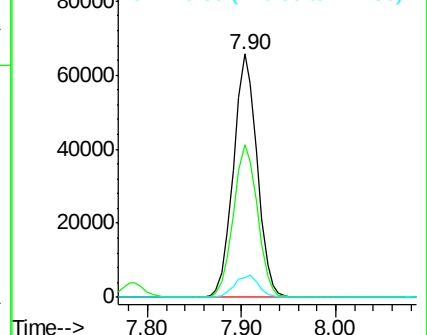
127 8.3 7.5 11.3



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: 22.52 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

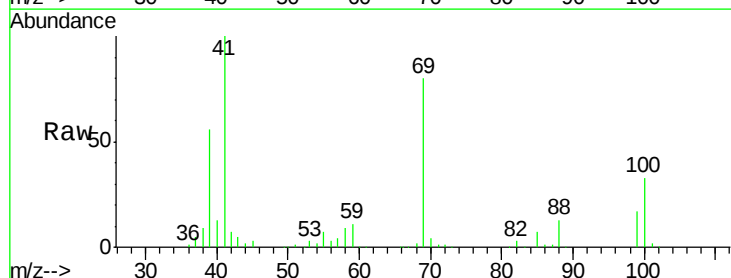
Tgt Ion: 41 Resp: 100680

Ion Ratio Lower Upper

41 100

69 81.9 65.2 97.8

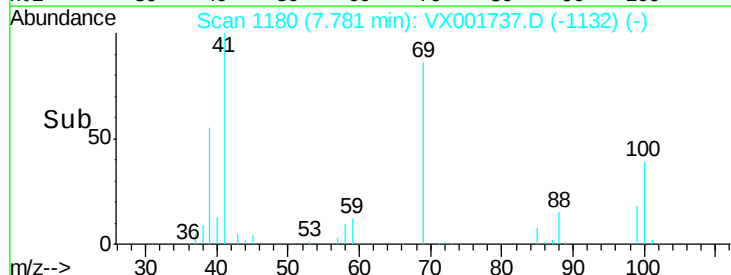
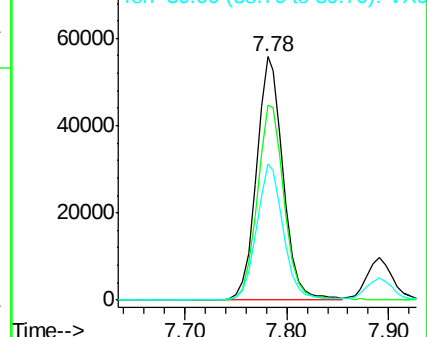
39 56.7 44.5 66.7

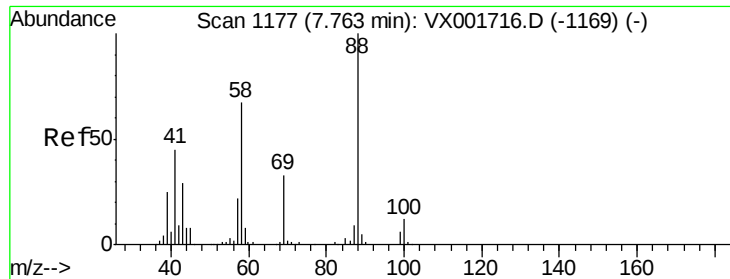


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

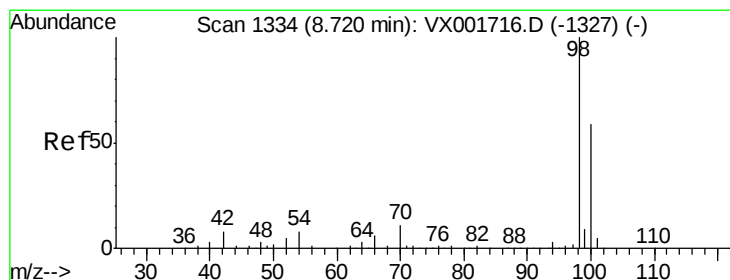
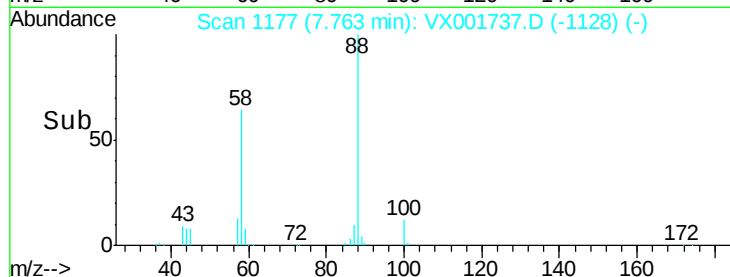
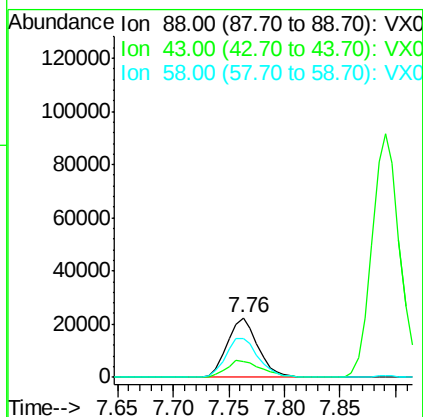
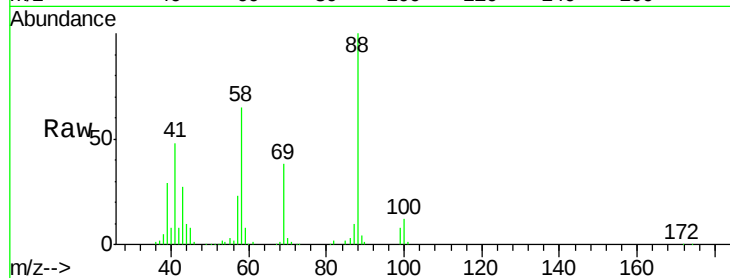




#49
1,4-Dioxane
Concen: 493.78 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

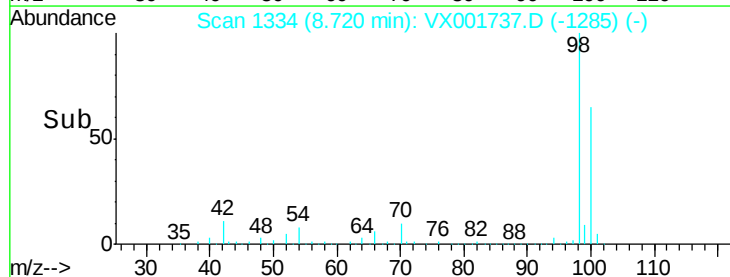
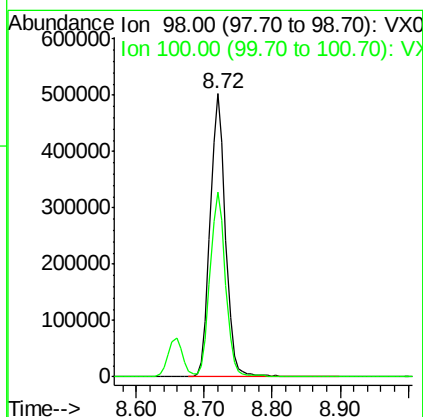
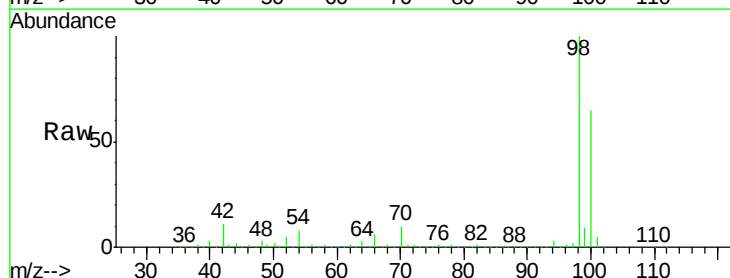
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

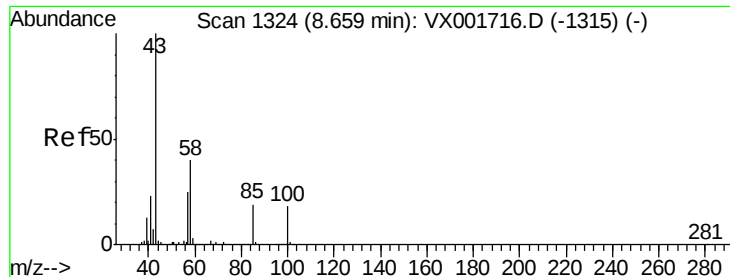
Tgt Ion: 88 Resp: 42512
Ion Ratio Lower Upper
88 100
43 32.4 27.3 40.9
58 69.5 55.9 83.9



#50
Toluene-d8
Concen: 57.52 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion: 98 Resp: 786610
Ion Ratio Lower Upper
98 100
100 66.3 54.0 81.0

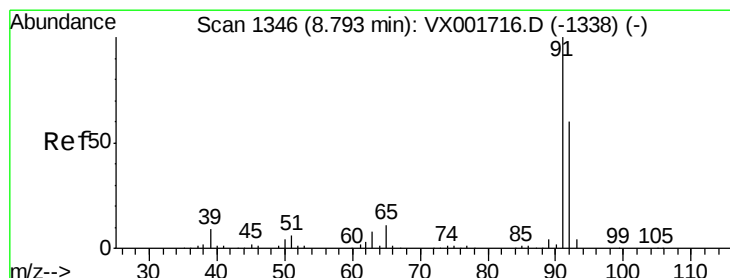
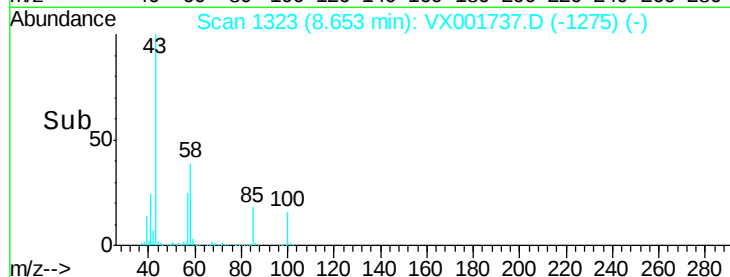
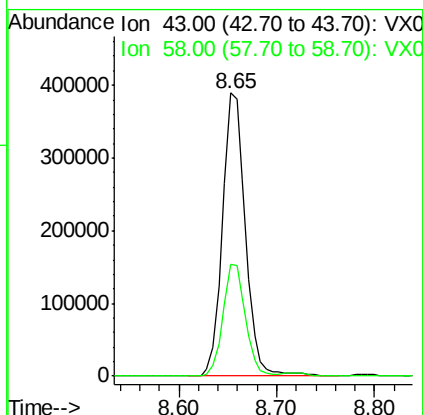
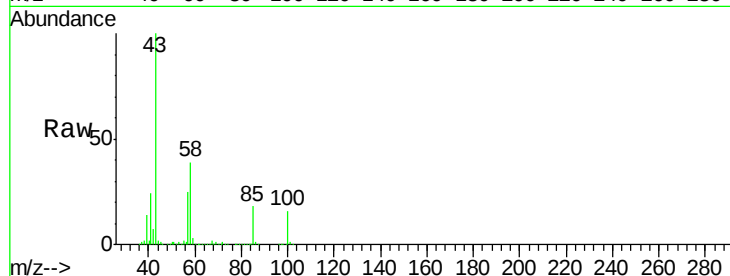




#51
4-Methyl-2-Pentanone
Concen: 117.80 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

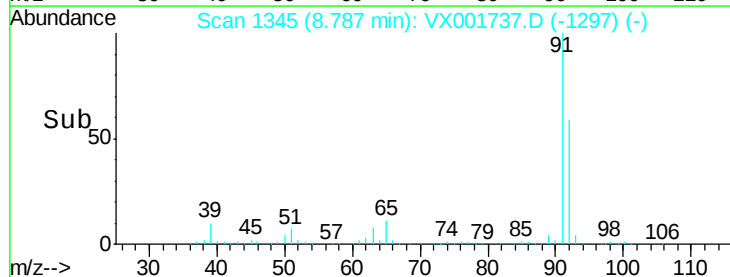
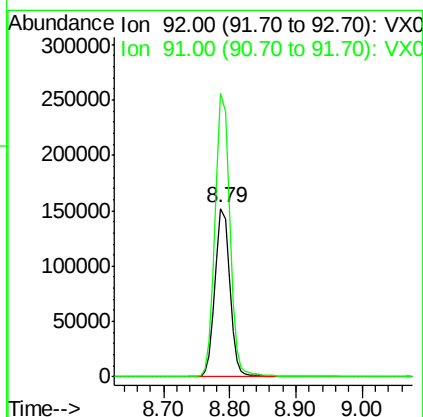
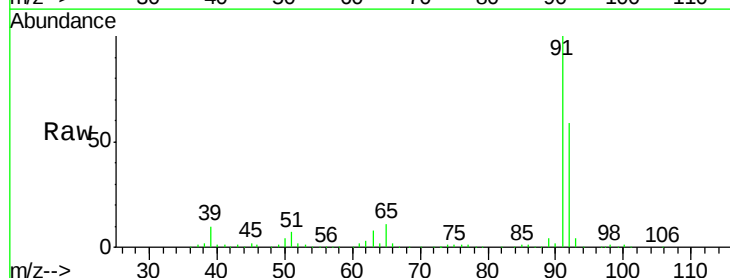
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

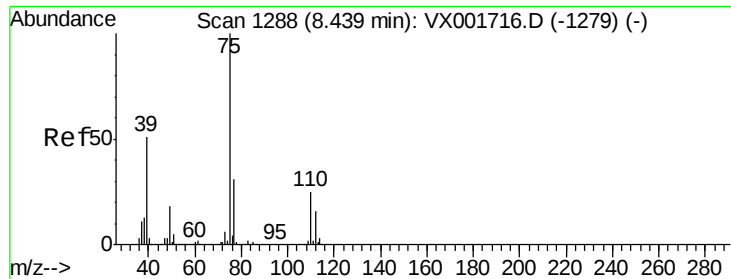
Tgt Ion: 43 Resp: 634178
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.0



#52
Toluene
Concen: 24.03 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion: 92 Resp: 236928
Ion Ratio Lower Upper
92 100
91 167.0 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 23.52 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

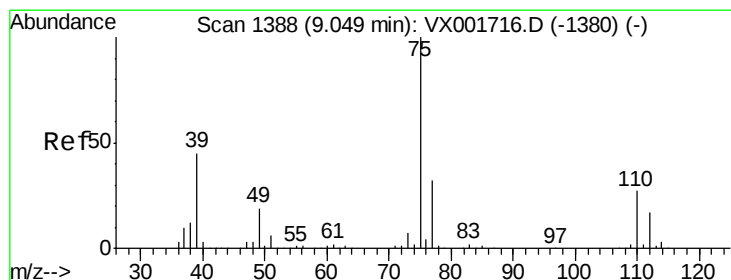
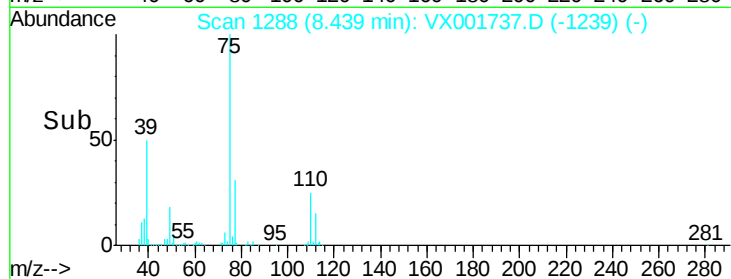
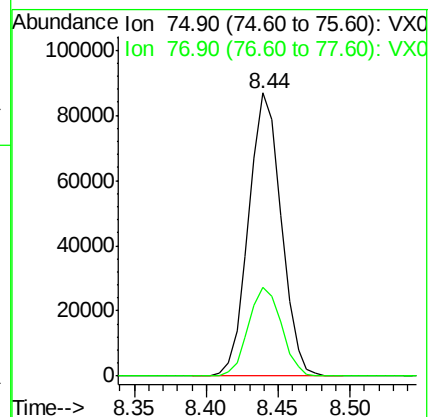
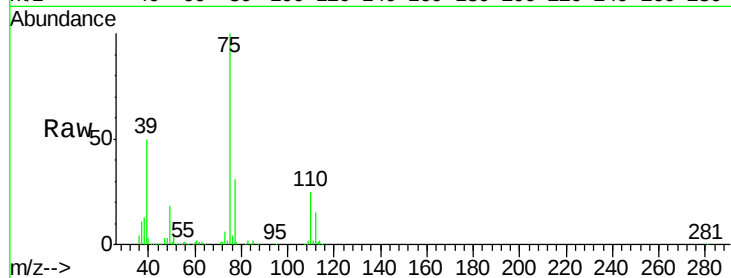
VX0515WBS02

Tgt Ion: 75 Resp: 135755

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 23.39 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

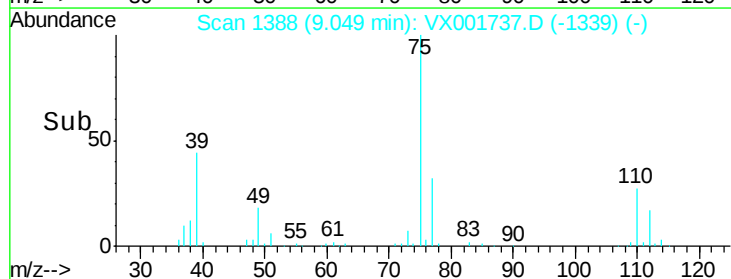
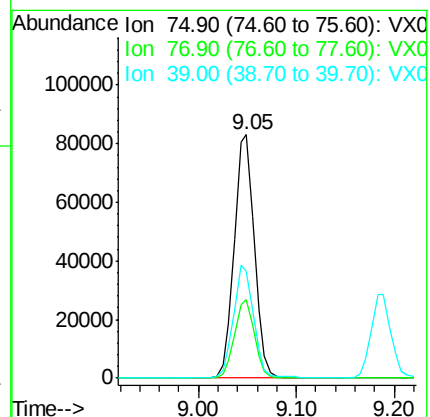
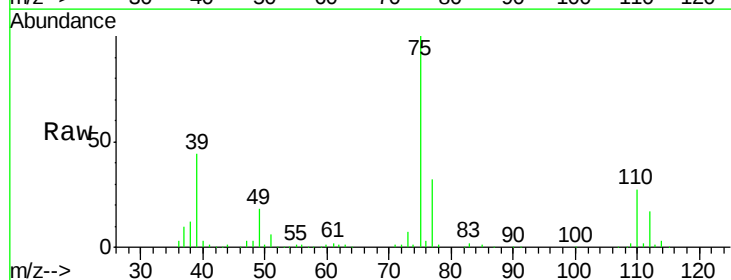
Tgt Ion: 75 Resp: 119034

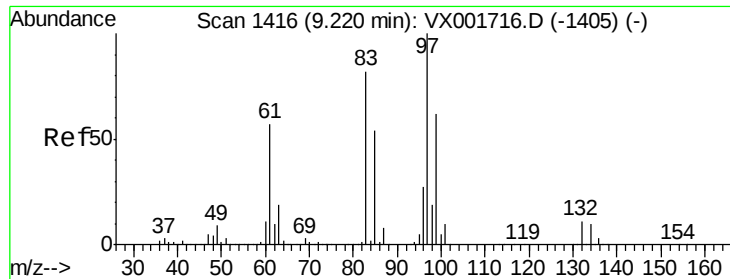
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 43.8 36.1 54.1

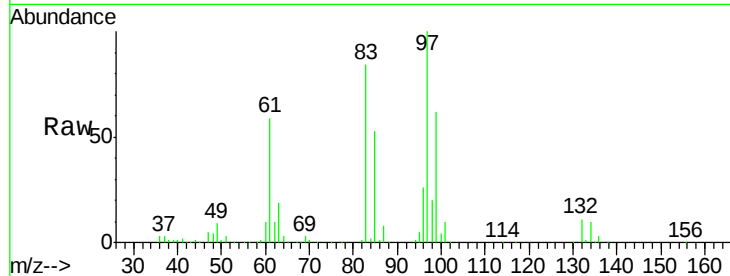




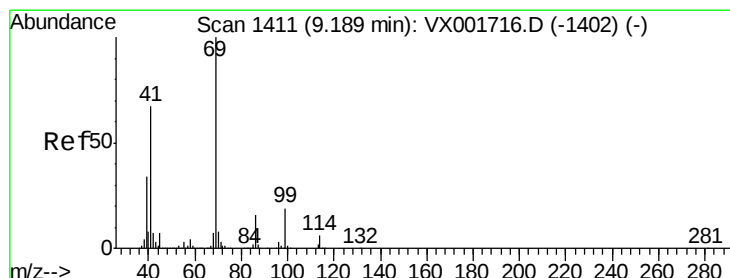
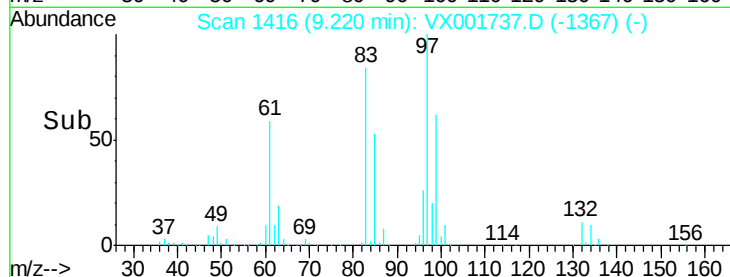
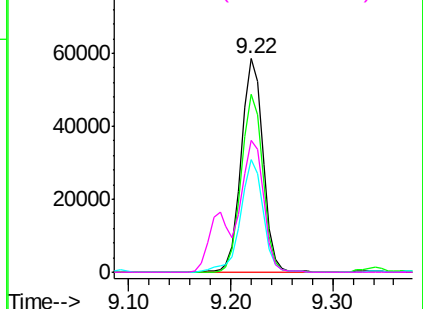
#55
 1,1,2-Trichloroethane
 Concen: 22.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS02

Tgt Ion:	97	Resp:	86404
Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.8	98.8
85	52.8	43.4	65.0
99	61.6	49.8	74.6

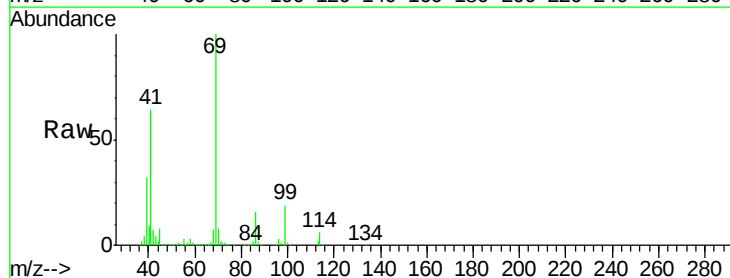


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

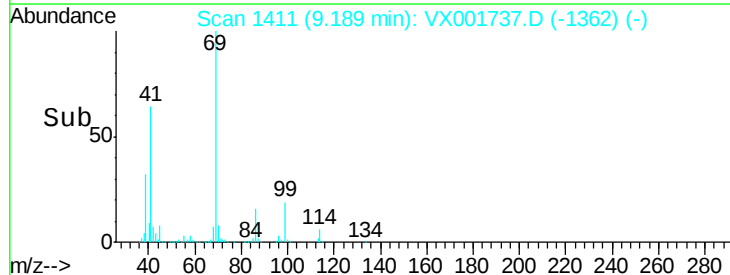
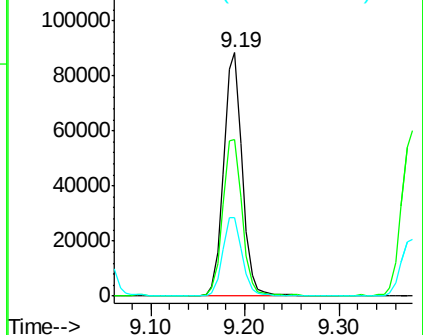


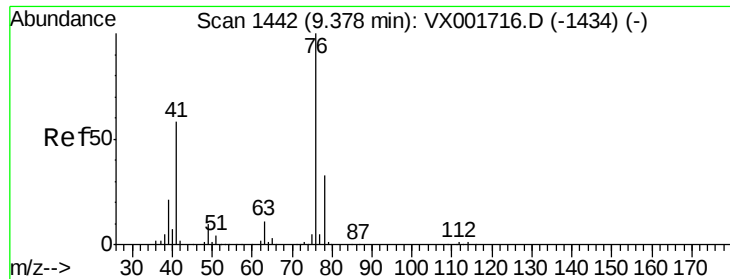
#56
 Ethyl methacrylate
 Concen: 22.71 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Tgt Ion:	69	Resp:	121385
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.5	80.3
39	33.4	27.2	40.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

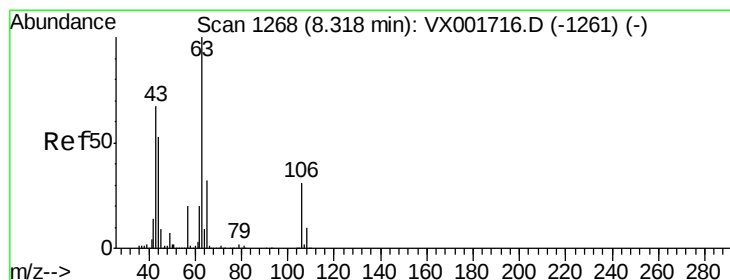
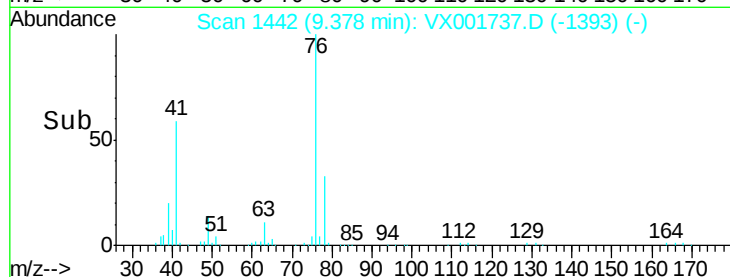
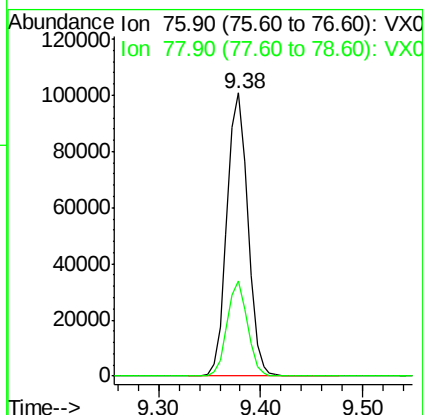
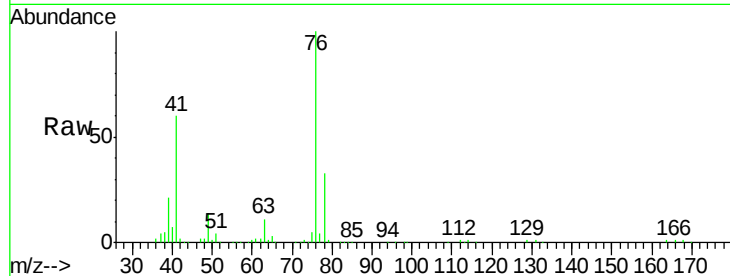




#57
 1,3-Dichloropropane
 Concen: 22.72 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

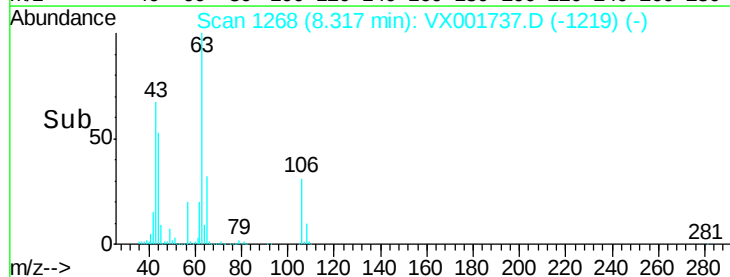
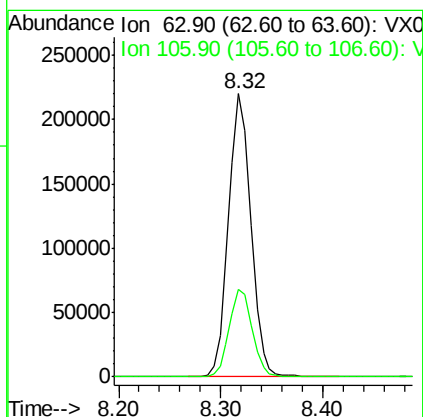
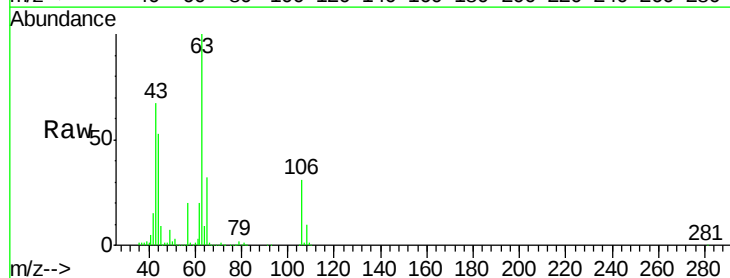
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS02

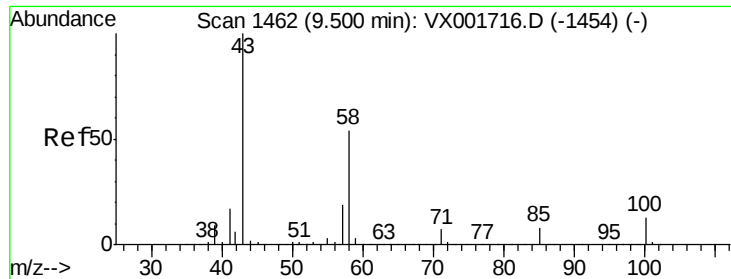
Tgt Ion: 76 Resp: 143371
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.46 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Tgt Ion: 63 Resp: 333950
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.1 37.7

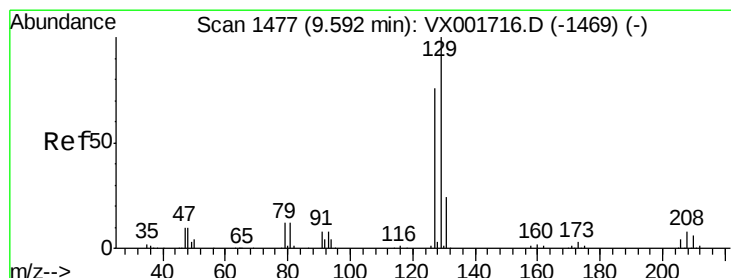
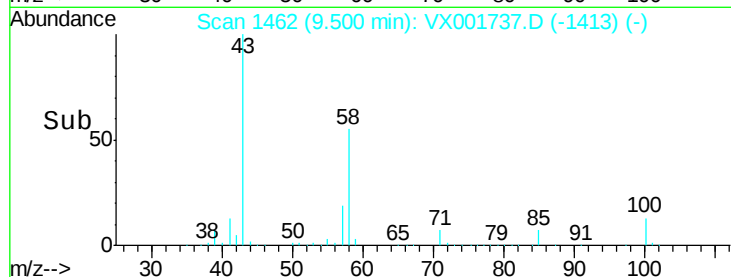
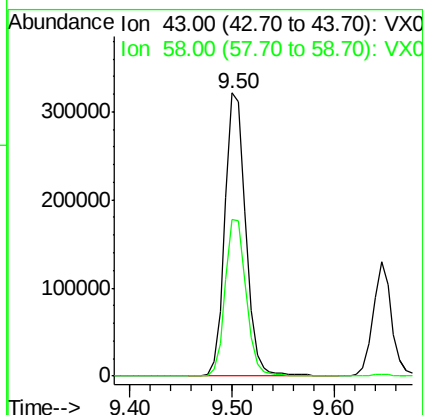
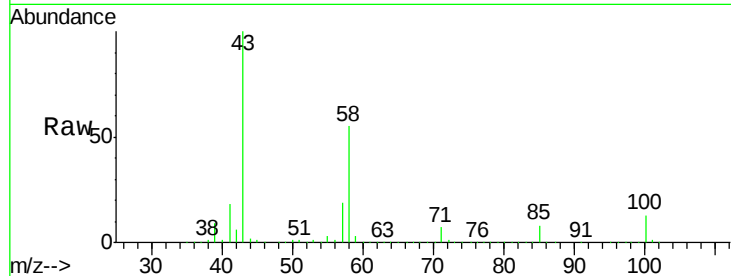




#59
2-Hexanone
Concen: 117.94 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

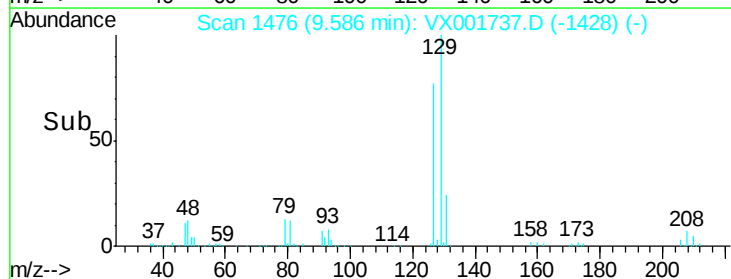
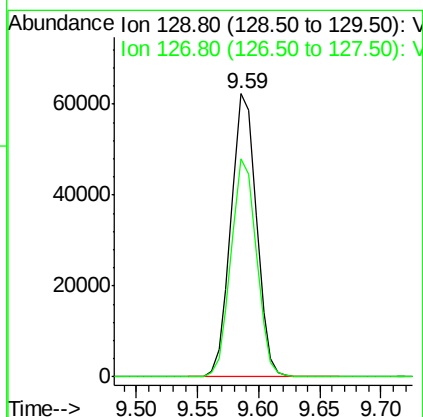
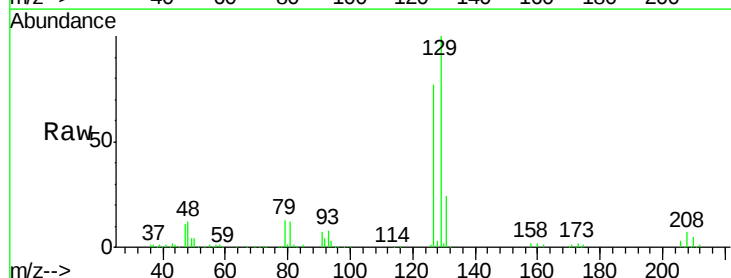
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

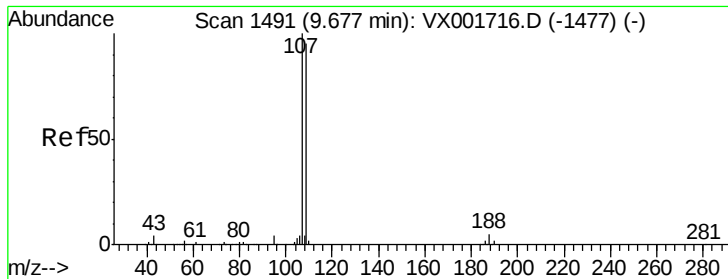
Tgt Ion: 43 Resp: 454529
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 23.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion: 129 Resp: 89658
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 23.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

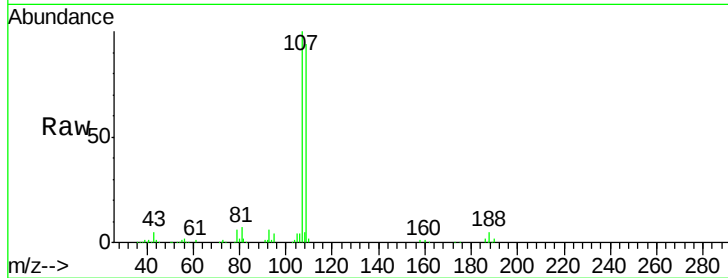
VX0515WBS02

Tgt Ion: 107 Resp: 91893

Ion Ratio Lower Upper

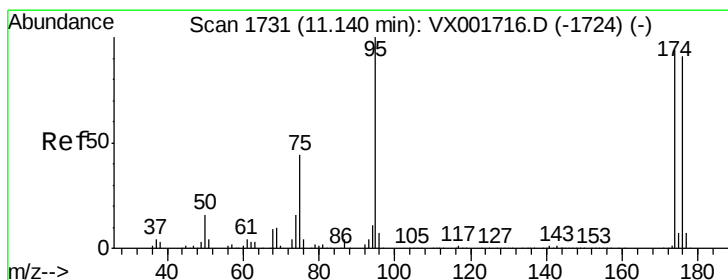
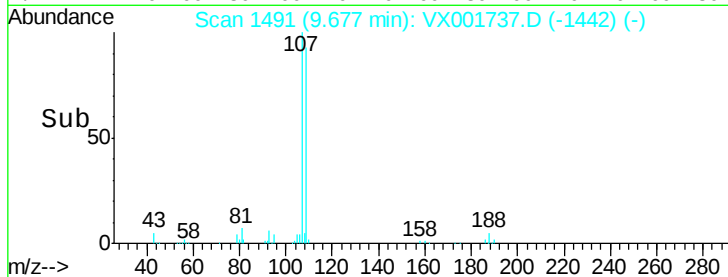
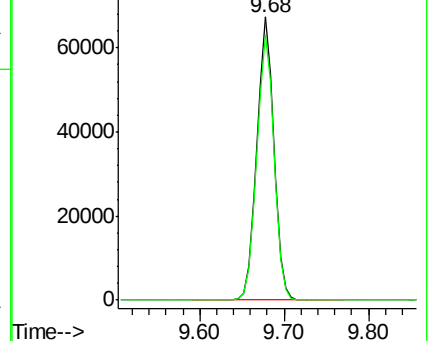
107 100

109 94.2 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

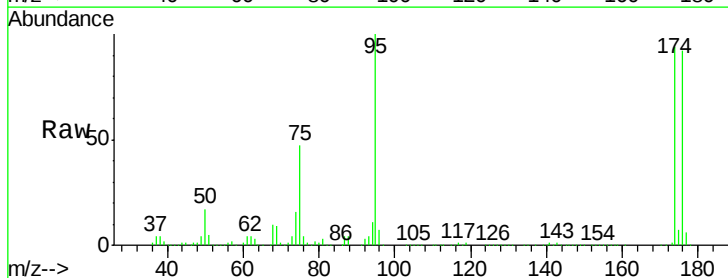
Tgt Ion: 95 Resp: 268950

Ion Ratio Lower Upper

95 100

174 102.0 0.0 201.8

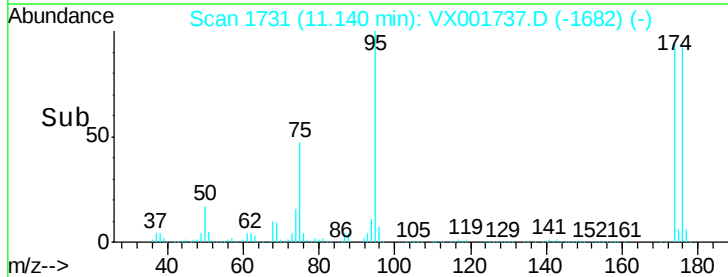
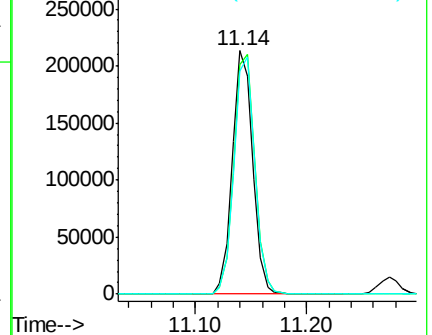
176 100.0 0.0 196.8

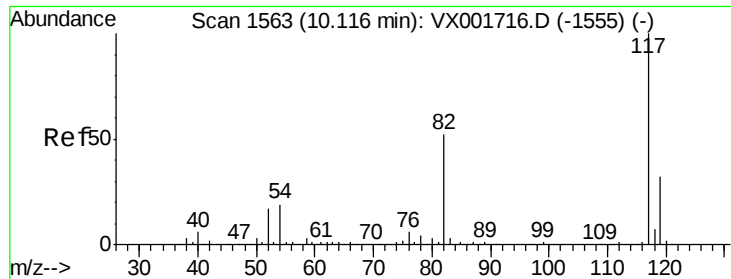


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

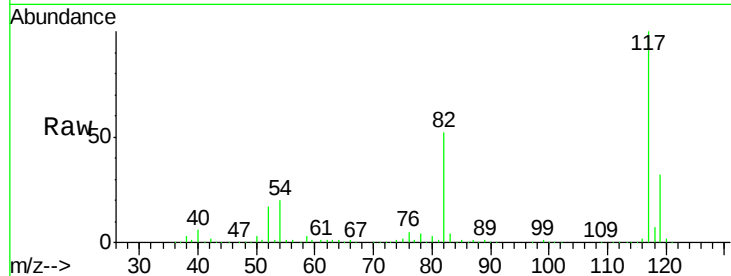
Tgt Ion:117 Resp: 403203

Ion Ratio Lower Upper

117 100

82 52.2 41.4 62.2

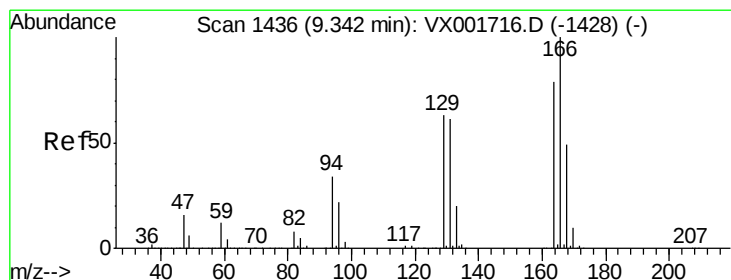
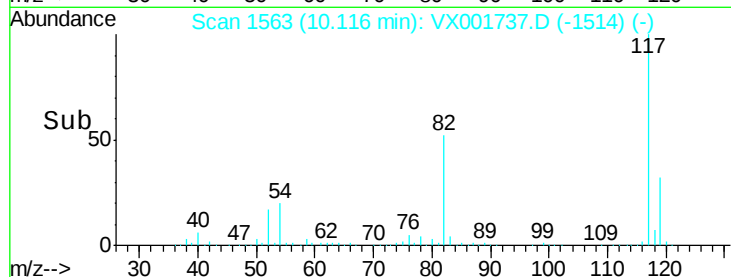
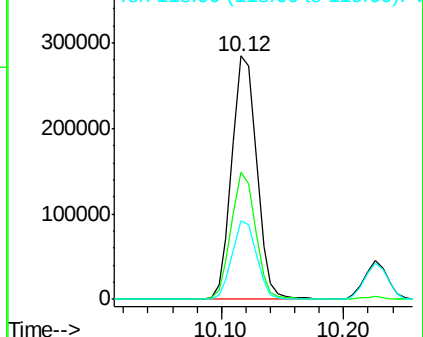
119 32.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.96 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Tgt Ion:164 Resp: 120536

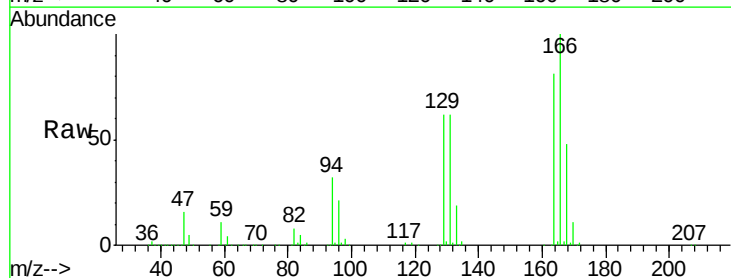
Ion Ratio Lower Upper

164 100

166 124.0 101.8 152.8

129 77.3 63.8 95.6

131 76.5 62.2 93.2

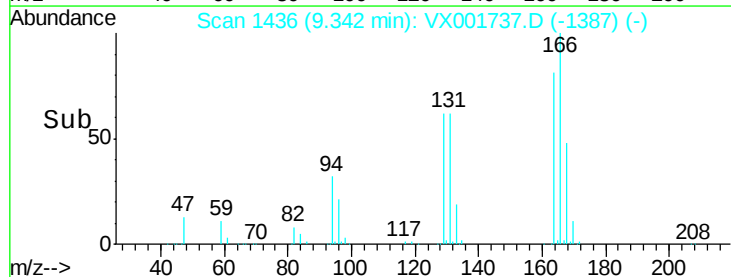
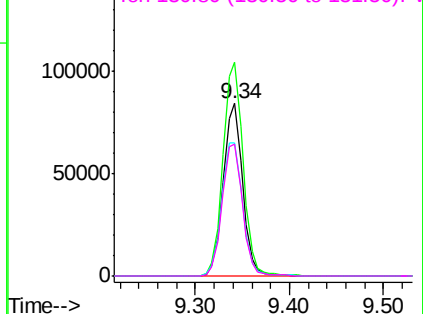


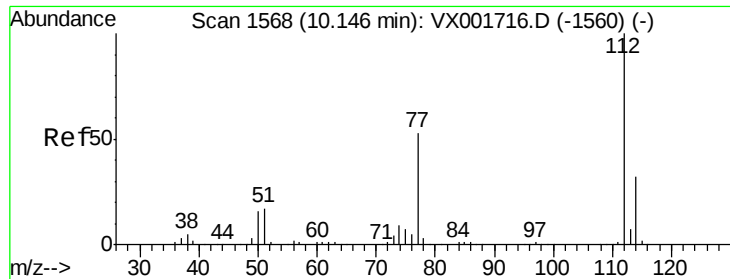
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 22.60 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

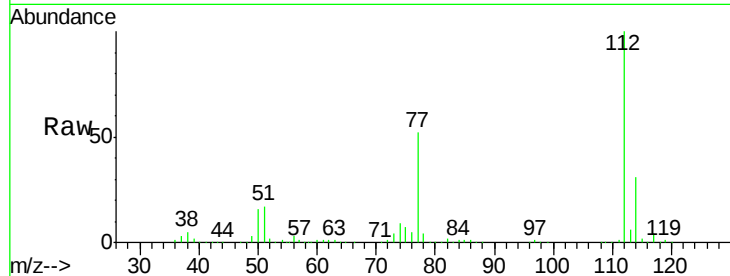
VX0515WBS02

Tgt Ion:112 Resp: 250670

Ion Ratio Lower Upper

112 100

114 31.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

200000

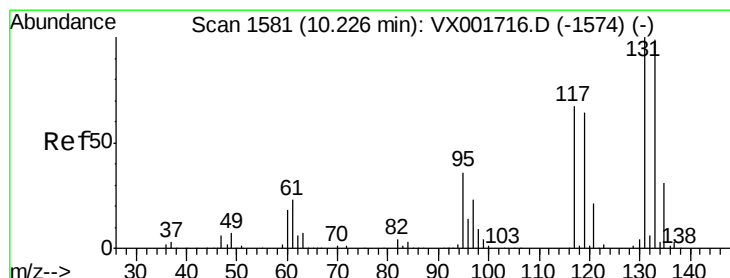
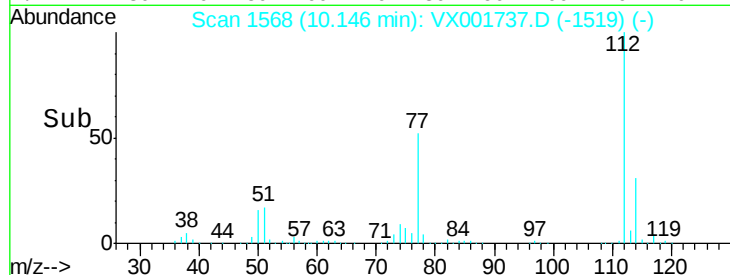
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 23.08 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

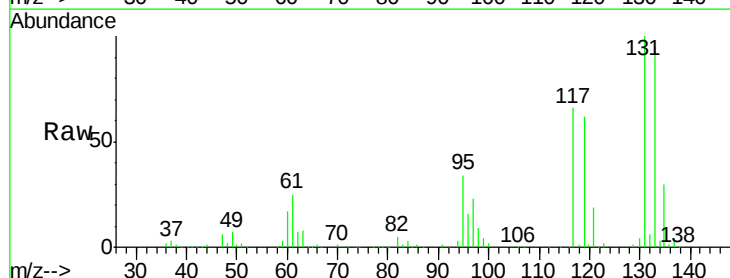
Tgt Ion:131 Resp: 90413

Ion Ratio Lower Upper

131 100

133 94.1 48.5 145.6

119 62.4 31.9 95.5



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

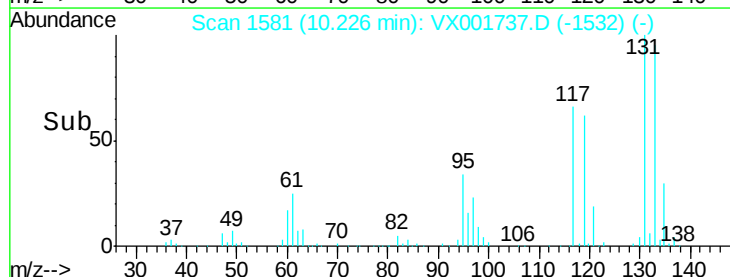
60000

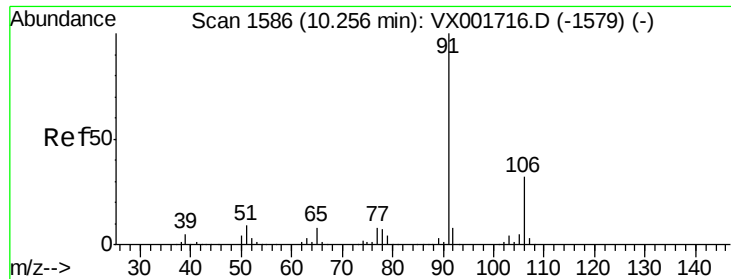
40000

20000

0

Time-->

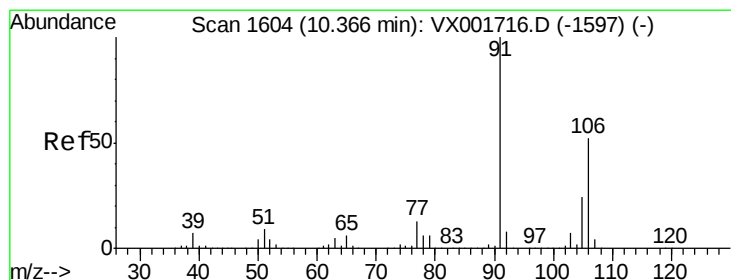
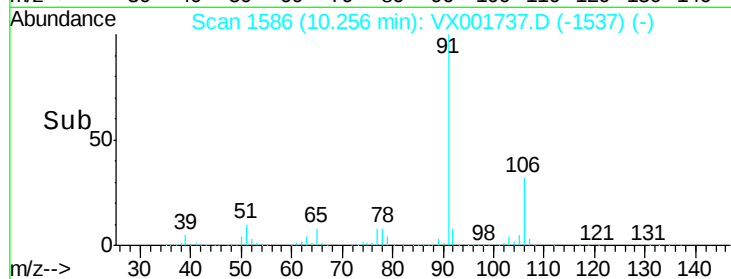
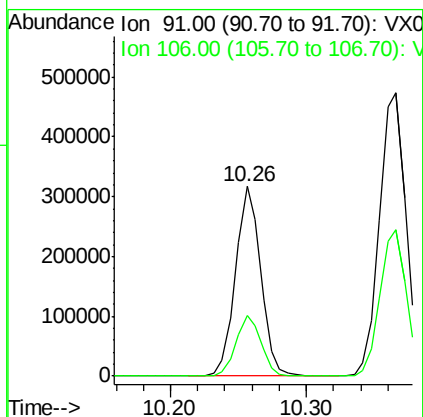
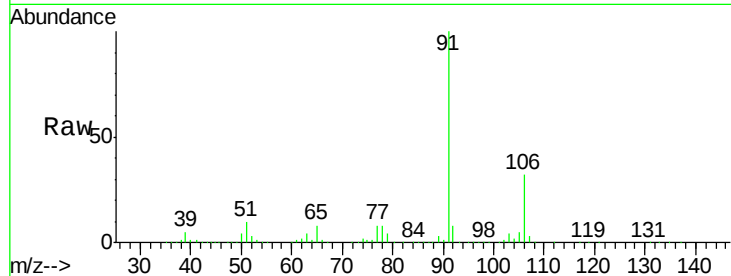




#67
Ethyl Benzene
Concen: 23.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

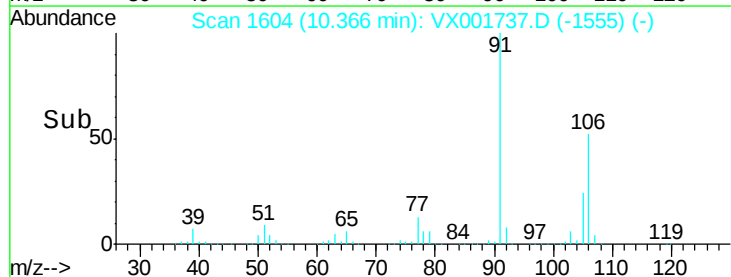
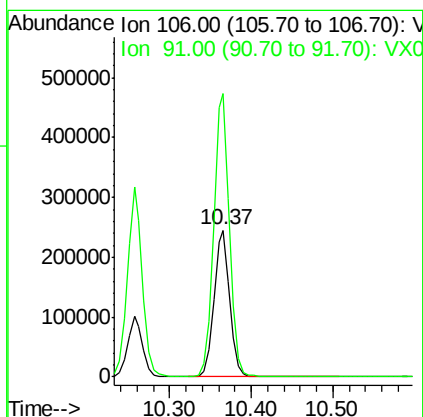
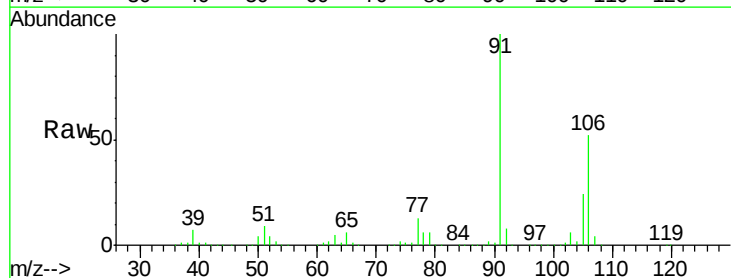
Instrument :
MSVOA_X
ClientSampled :
VX0515WBS02

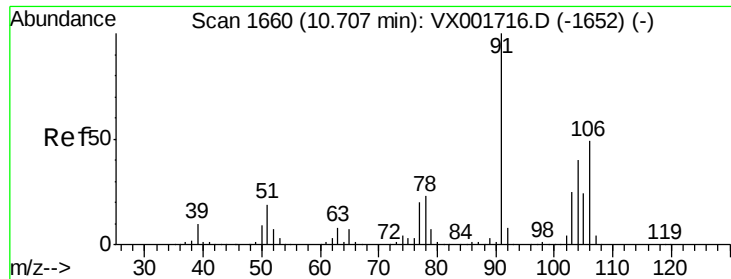
Tgt Ion: 91 Resp: 411131
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 47.48 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion: 106 Resp: 332037
Ion Ratio Lower Upper
106 100
91 195.1 155.4 233.2

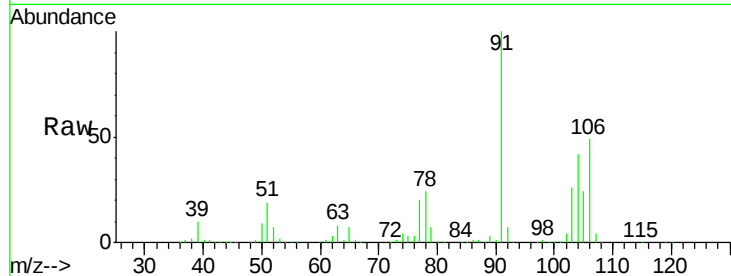




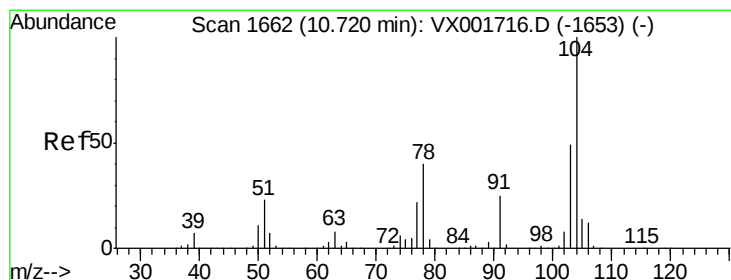
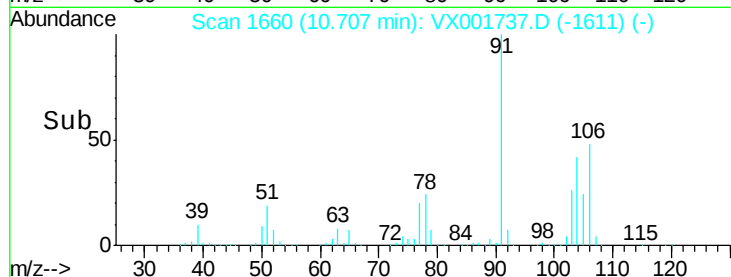
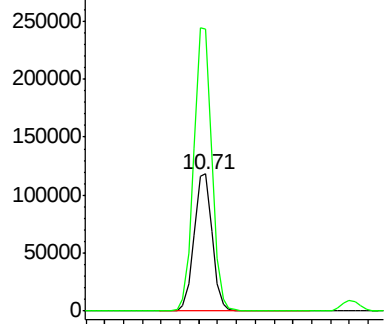
#69
o-Xylene
Concen: 23.55 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

Tgt Ion:106 Resp: 157751
Ion Ratio Lower Upper
106 100
91 206.3 103.4 310.2

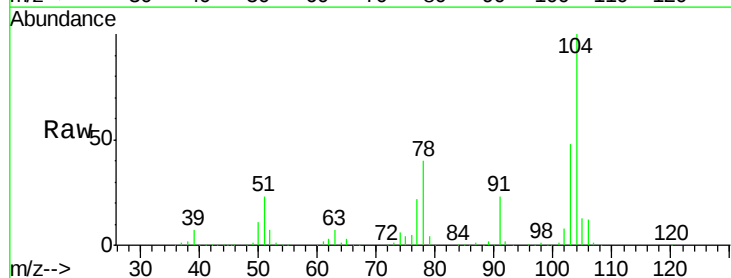


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

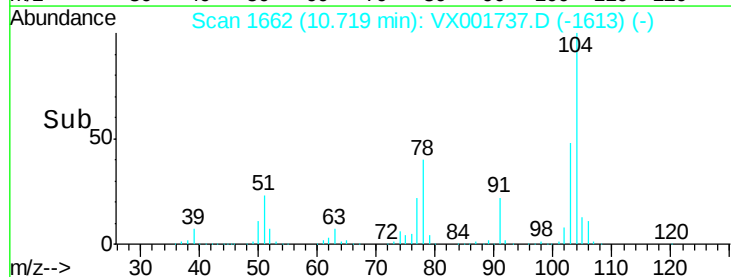
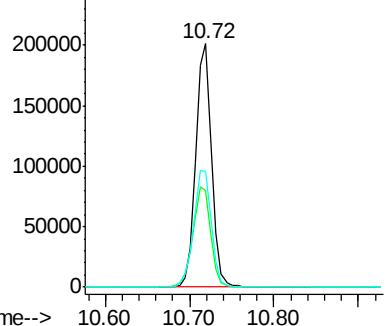


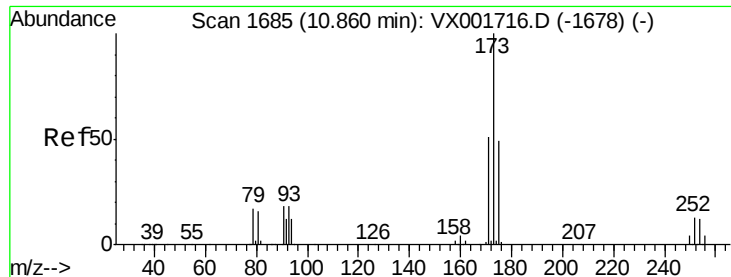
#70
Styrene
Concen: 23.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion:104 Resp: 262193
Ion Ratio Lower Upper
104 100
78 46.5 37.3 55.9
103 54.2 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.67 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

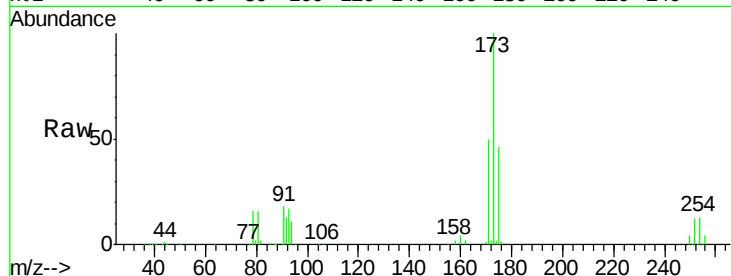
Tgt Ion:173 Resp: 72570

Ion Ratio Lower Upper

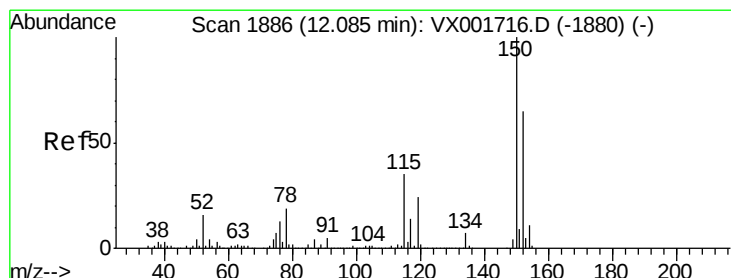
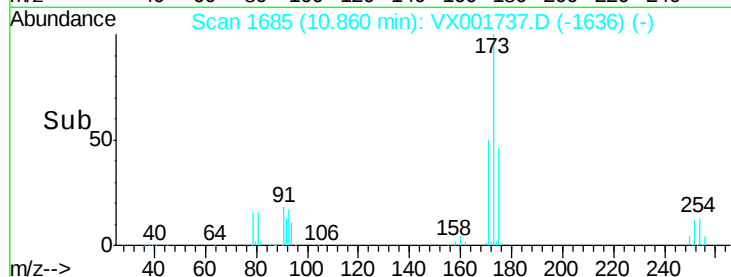
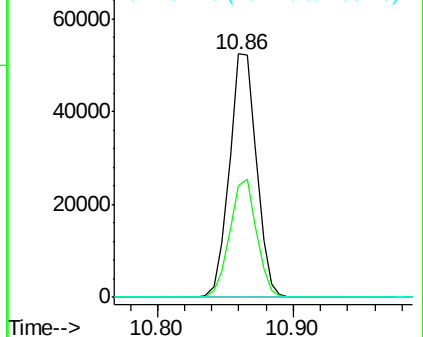
173 100

175 48.0 24.3 72.8

254 0.2 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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

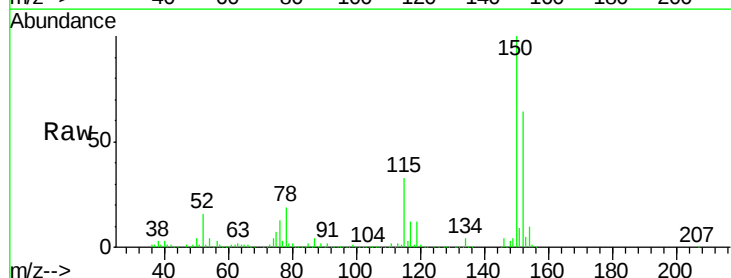
Tgt Ion:152 Resp: 269504

Ion Ratio Lower Upper

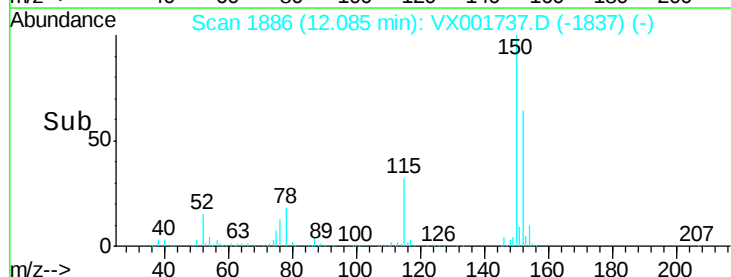
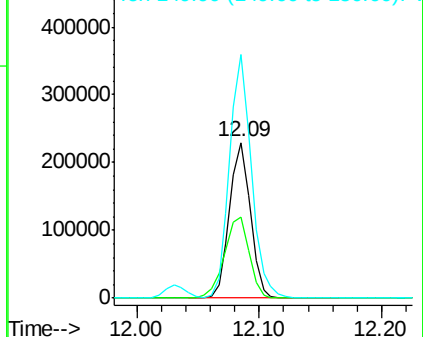
152 100

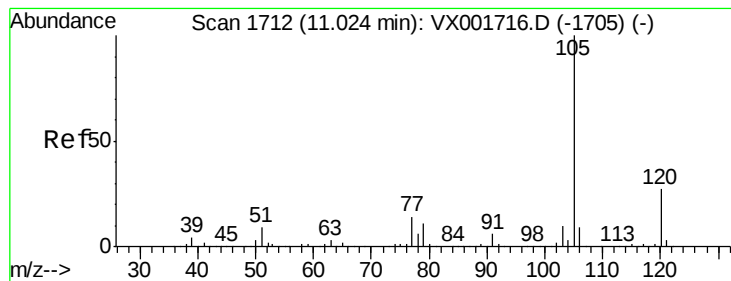
115 62.5 37.4 112.2

150 164.7 0.0 344.8



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: 24.16 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

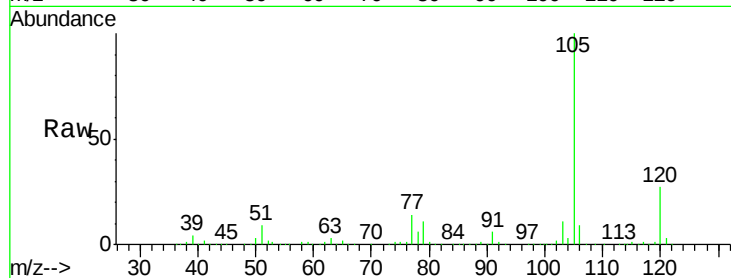
VX0515WBS02

Tgt Ion:105 Resp: 428777

Ion Ratio Lower Upper

105 100

120 27.0 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

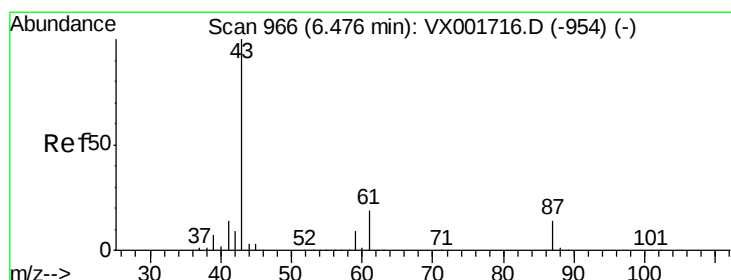
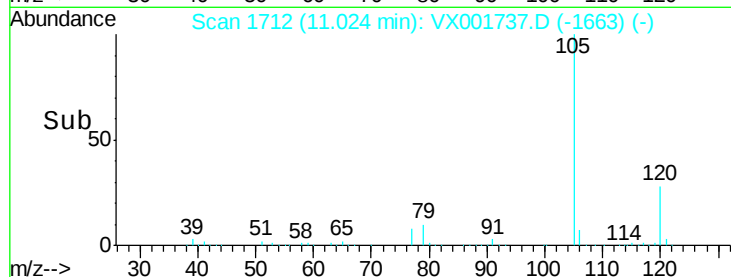
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 22.44 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Tgt Ion: 43 Resp: 190949

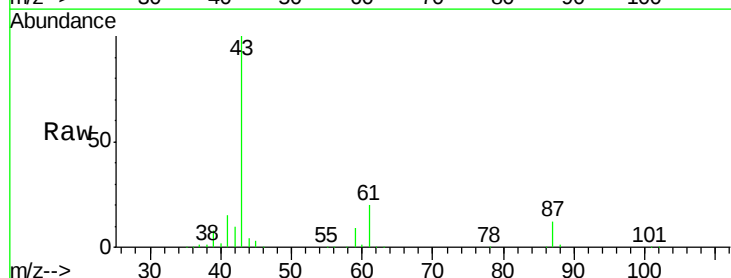
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 20.2 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.47

80000

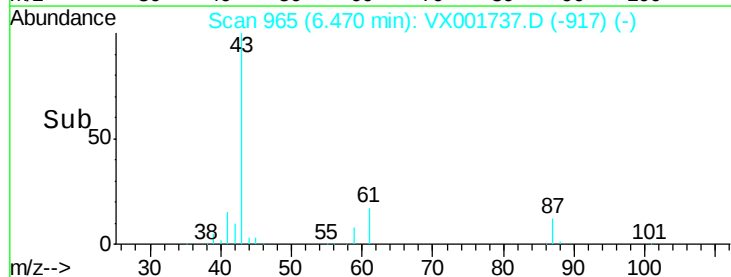
60000

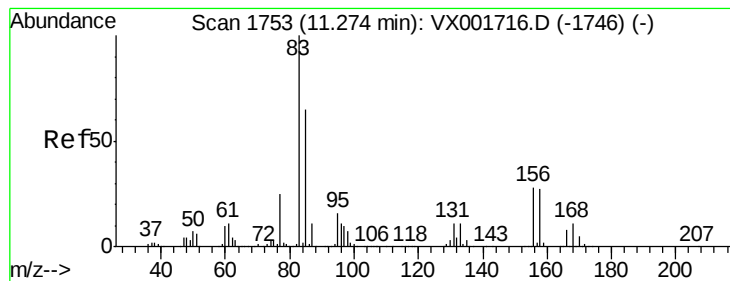
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

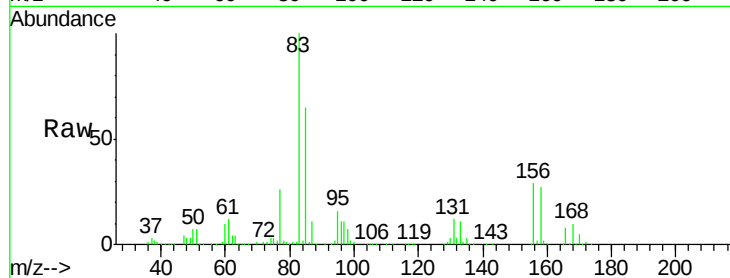
Tgt Ion: 83 Resp: 118393

Ion Ratio Lower Upper

83 100

131 12.0 5.7 17.0

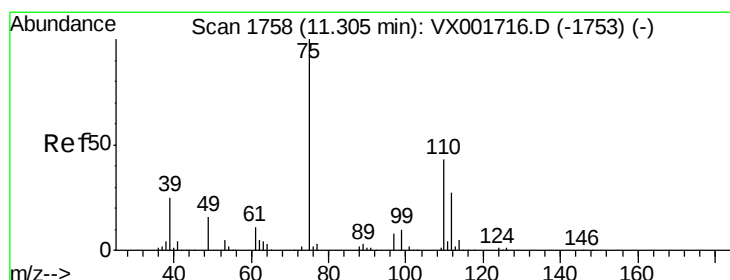
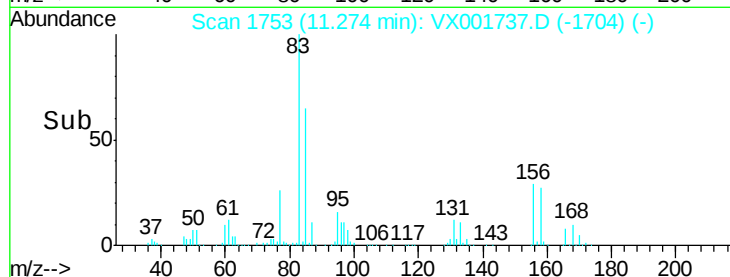
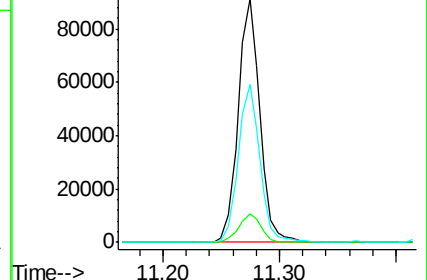
85 65.0 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.24 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001737.D

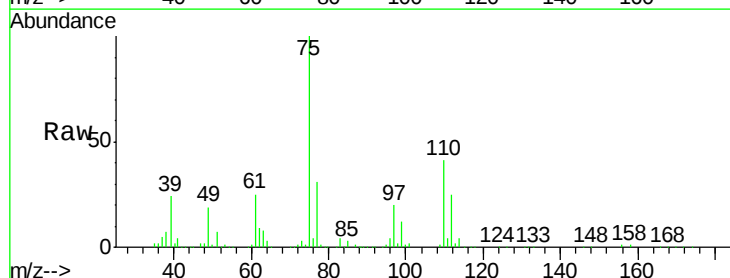
Acq: 15 May 2018 11:34

Tgt Ion: 75 Resp: 139596

Ion Ratio Lower Upper

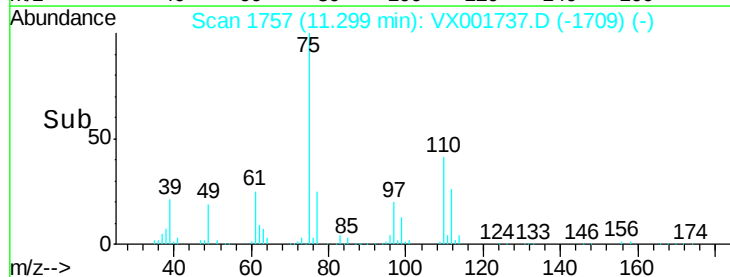
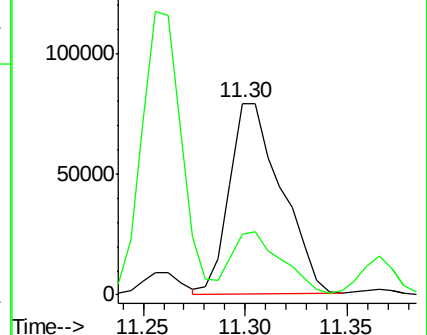
75 100

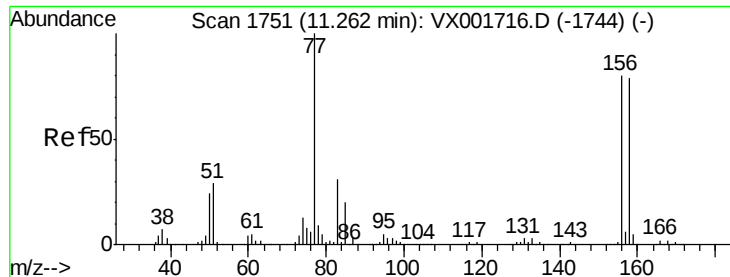
77 31.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.26 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0515WBS02

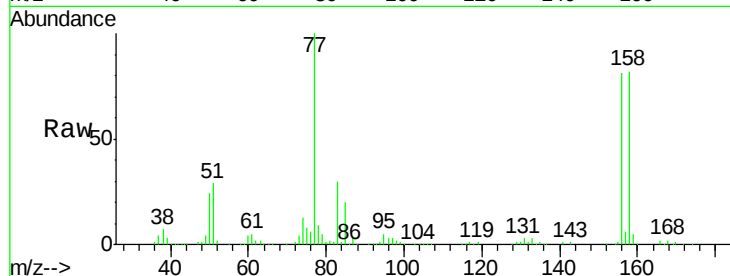
Tgt Ion:156 Resp: 121311

Ion Ratio Lower Upper

156 100

77 131.3 65.3 196.0

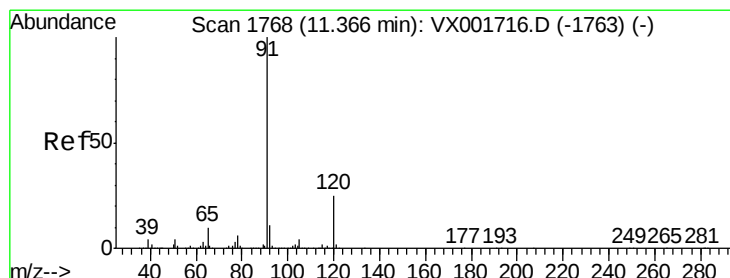
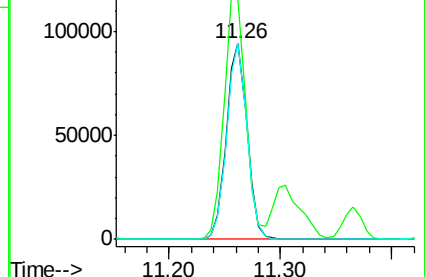
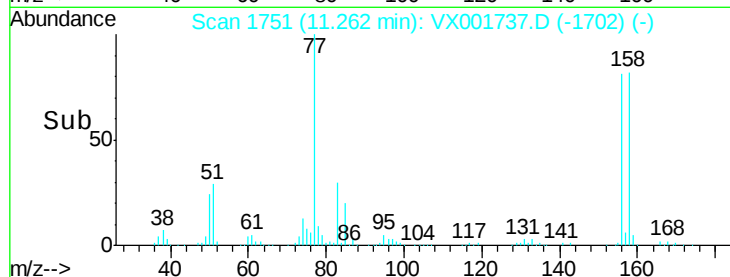
158 97.9 49.1 147.3



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: 24.40 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001737.D

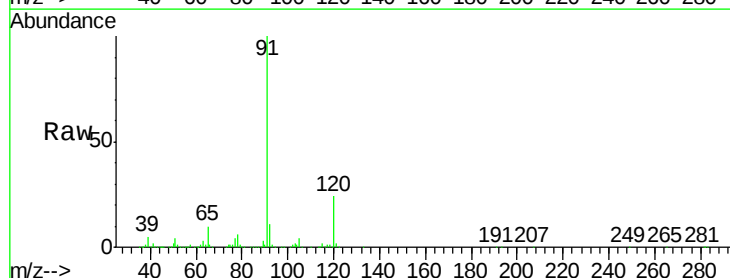
Acq: 15 May 2018 11:34

Tgt Ion: 91 Resp: 487942

Ion Ratio Lower Upper

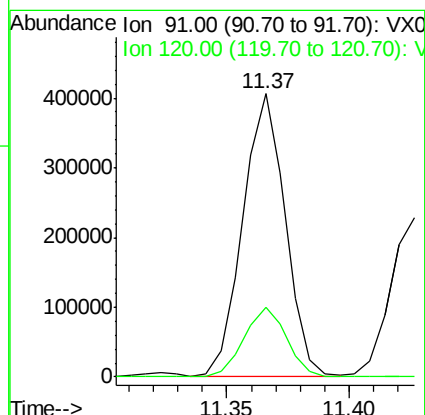
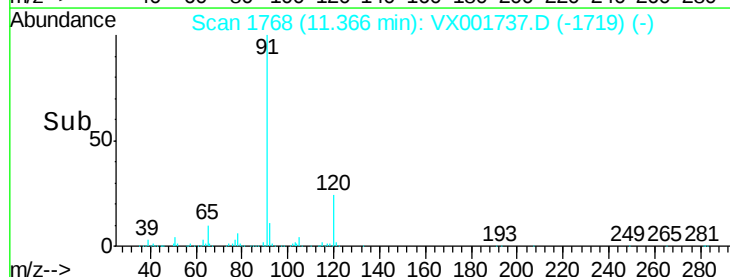
91 100

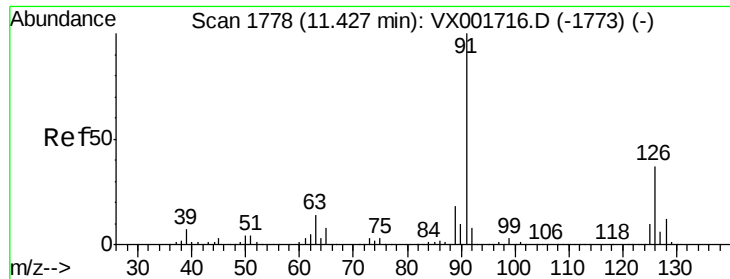
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

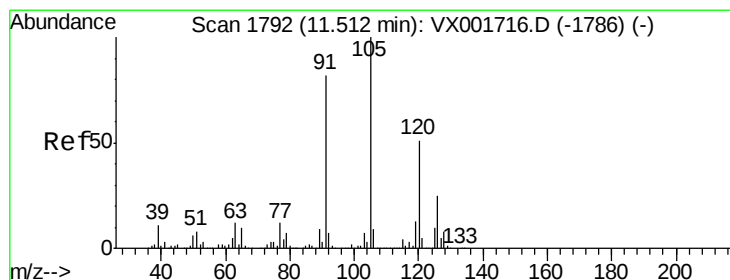
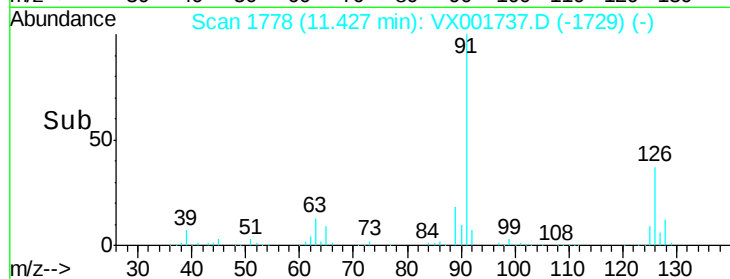
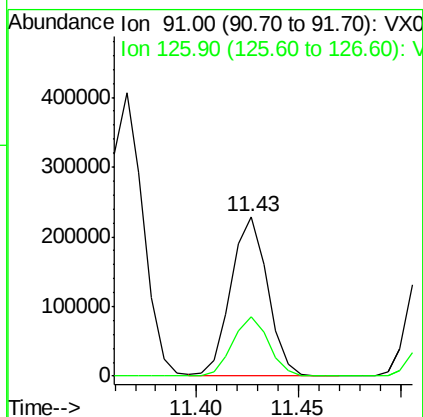
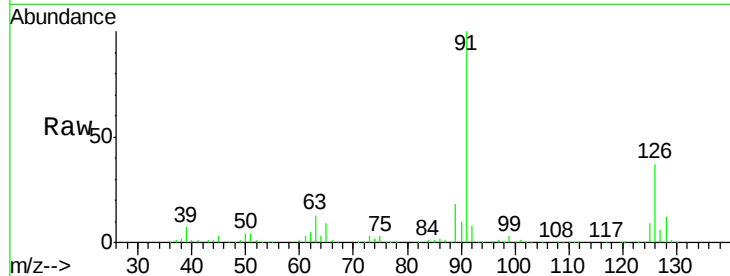




#79
 2-Chlorotoluene
 Concen: 23.70 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

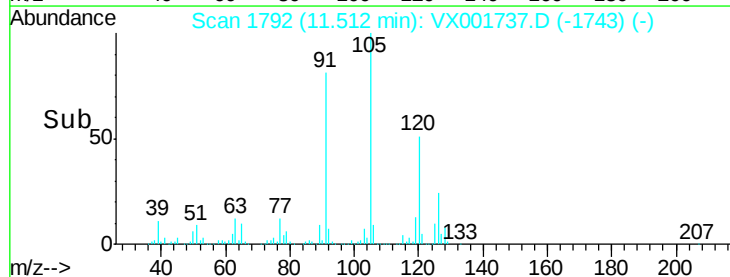
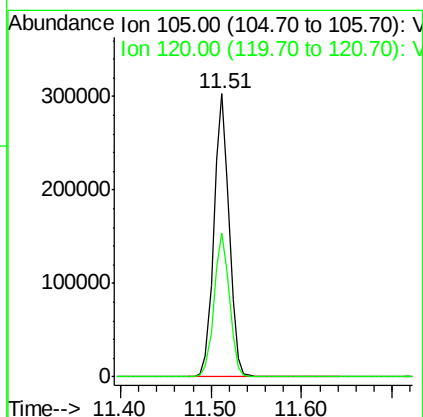
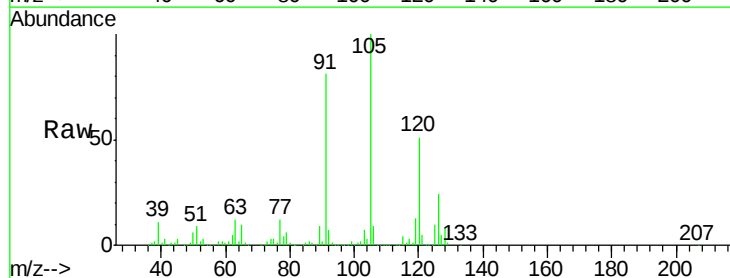
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS02

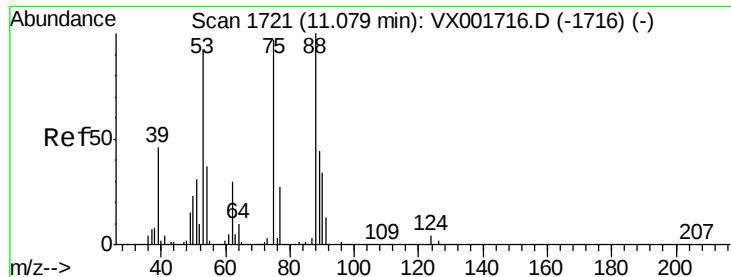
Tgt Ion: 91 Resp: 283445
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 24.64 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Tgt Ion: 105 Resp: 358825
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.64 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampled :

VX0515WBS02

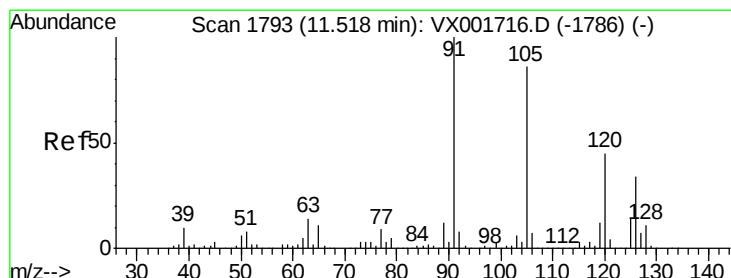
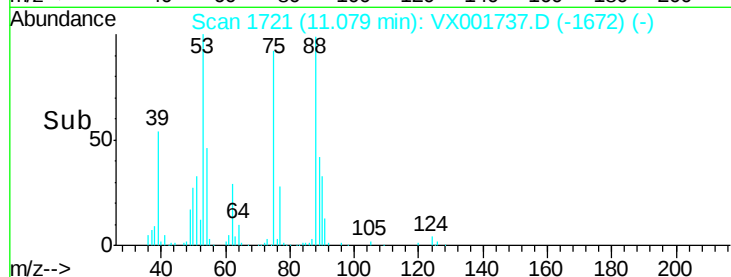
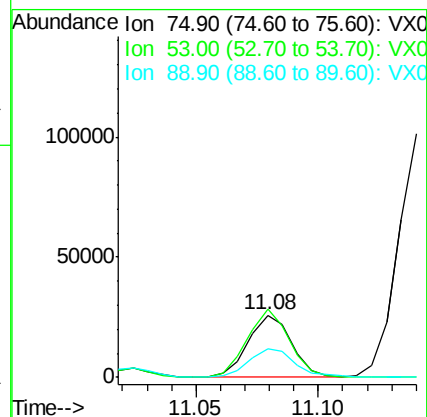
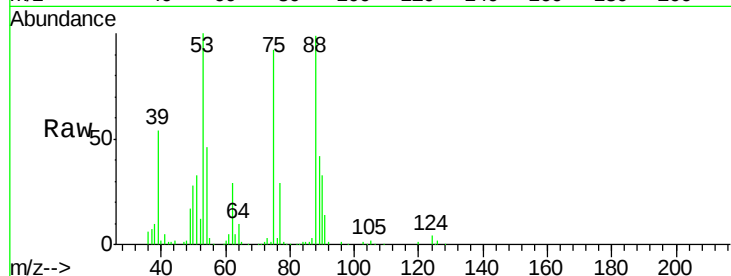
Tgt Ion: 75 Resp: 31921

Ion Ratio Lower Upper

75 100

53 107.6 79.4 119.2

89 49.8 38.8 58.2



#82

4-Chlorotoluene

Concen: 23.72 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001737.D

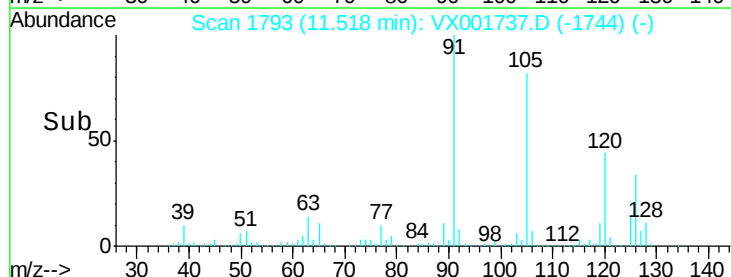
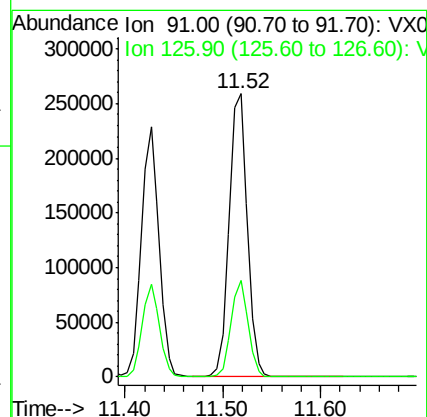
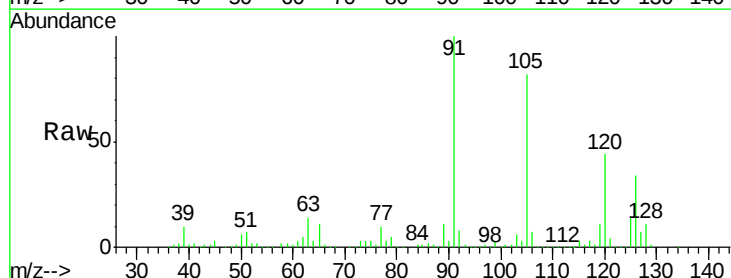
Acq: 15 May 2018 11:34

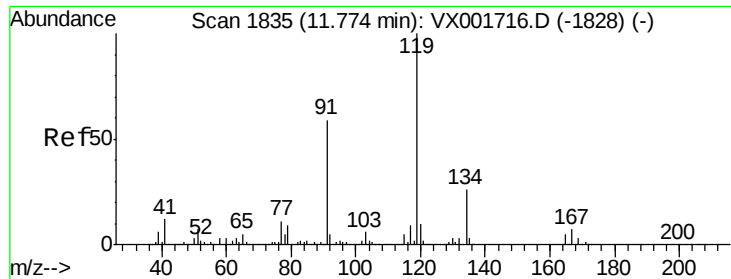
Tgt Ion: 91 Resp: 334154

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1

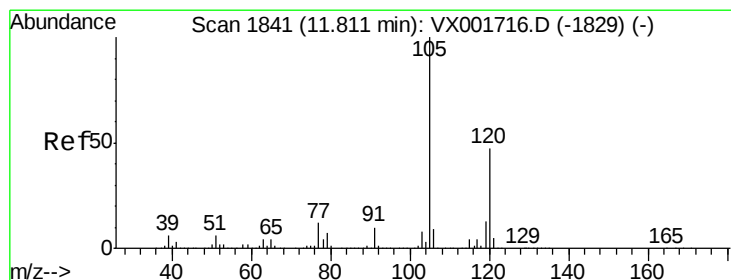
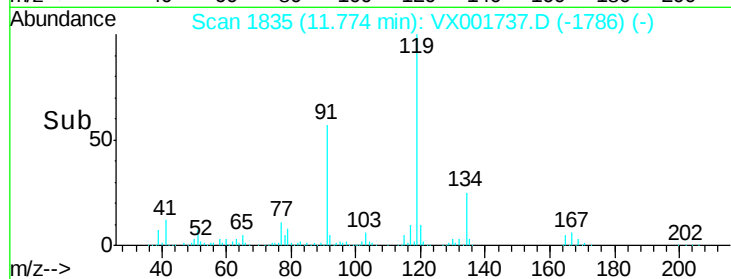
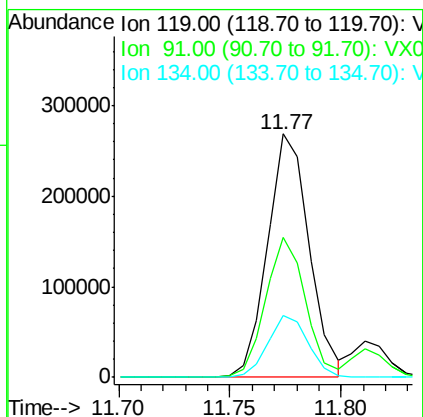
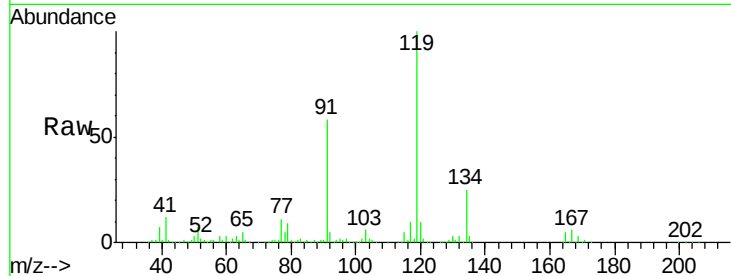




#83
 tert-Butylbenzene
 Concen: 24.06 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

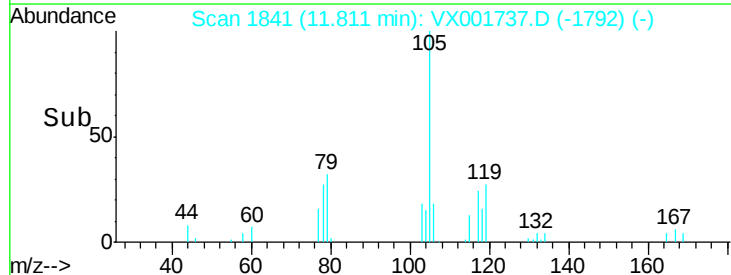
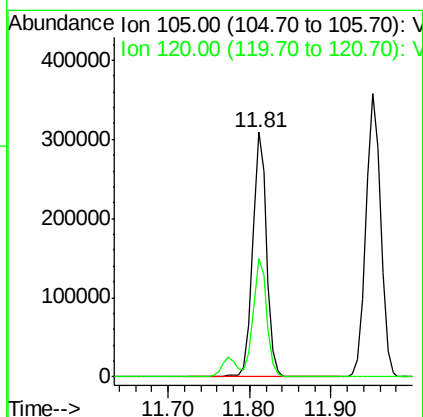
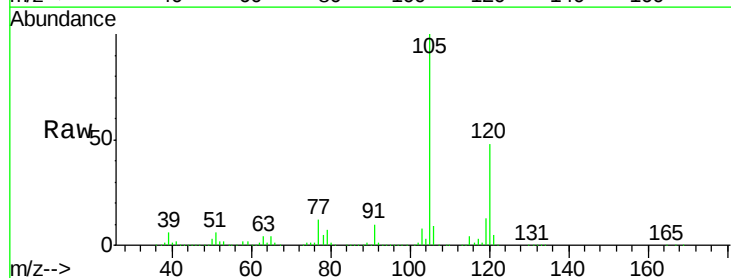
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS02

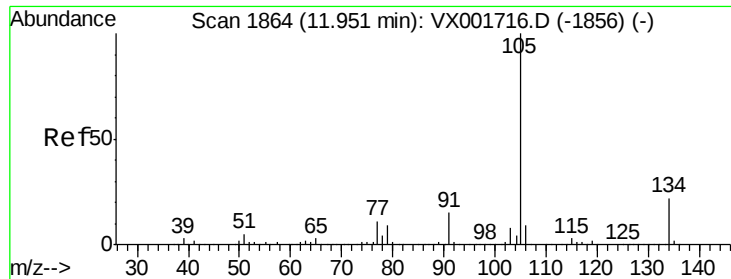
Tgt Ion:119 Resp: 348619
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.7 83.0
 134 24.8 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 24.50 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Tgt Ion:105 Resp: 369465
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.5





#85

sec-Butylbenzene

Concen: 24.49 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

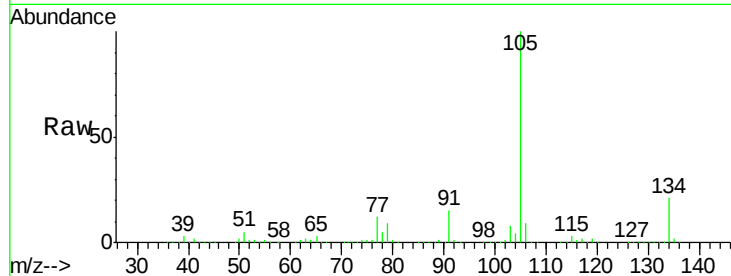
VX0515WBS02

Tgt Ion:105 Resp: 438126

Ion Ratio Lower Upper

105 100

134 22.0 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

400000

300000

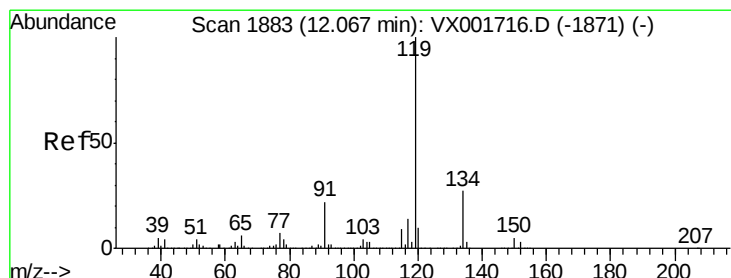
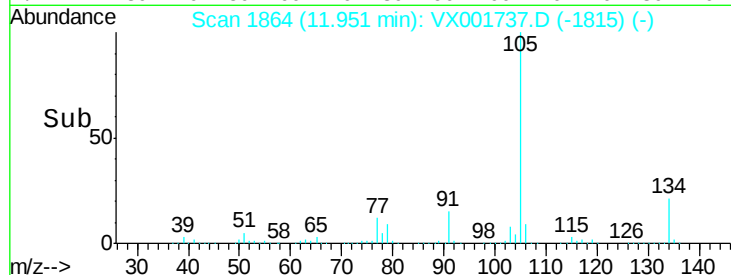
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 24.60 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001737.D

Acq: 15 May 2018 11:34

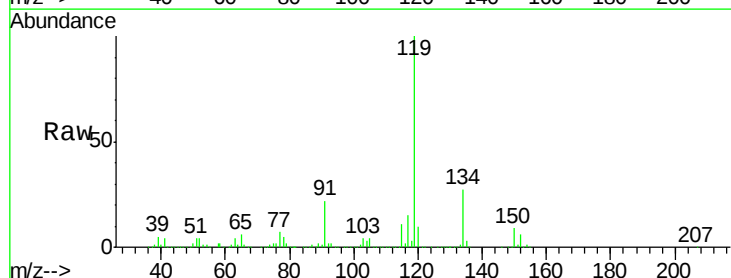
Tgt Ion:119 Resp: 407158

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.1 10.7 32.1



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): V

12.07

400000

300000

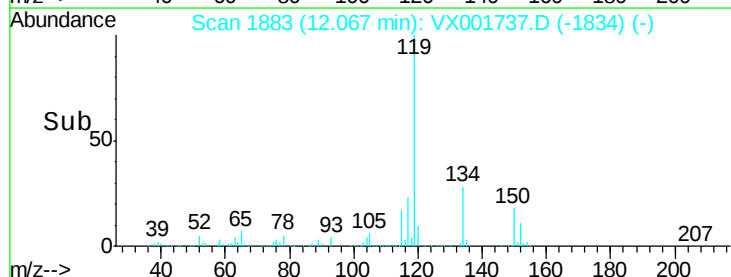
200000

100000

0

Time-->

12.00 12.10 12.20

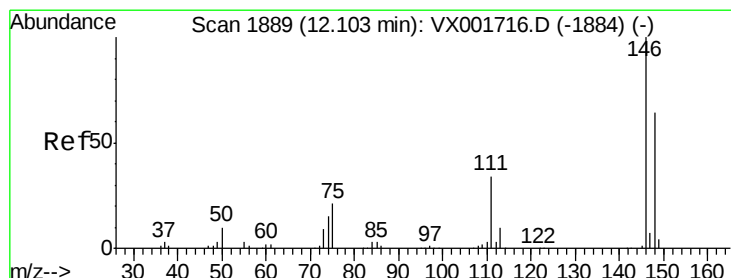
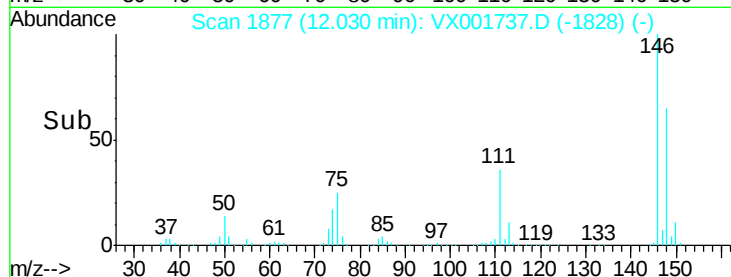
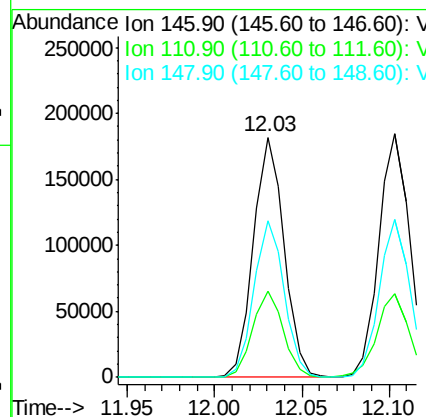
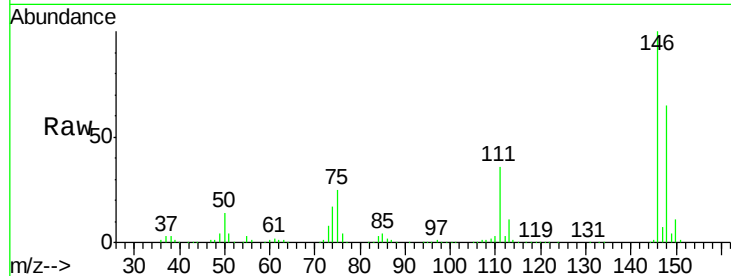




#87
 1,3-Dichlorobenzene
 Concen: 22.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

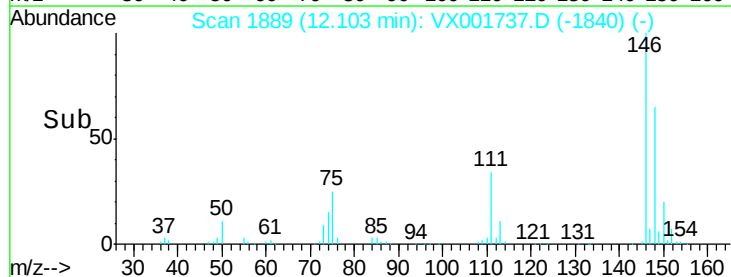
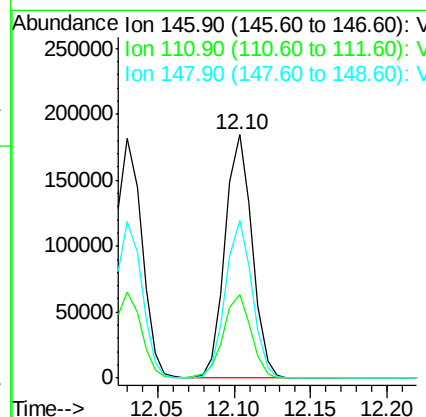
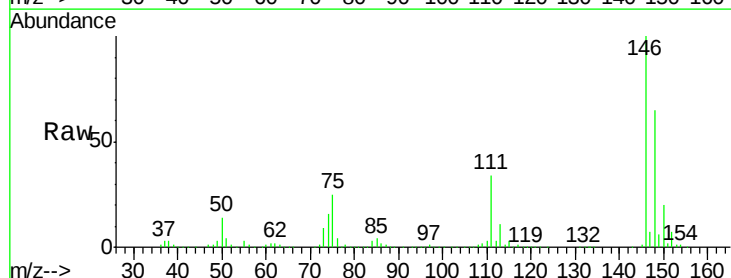
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS02

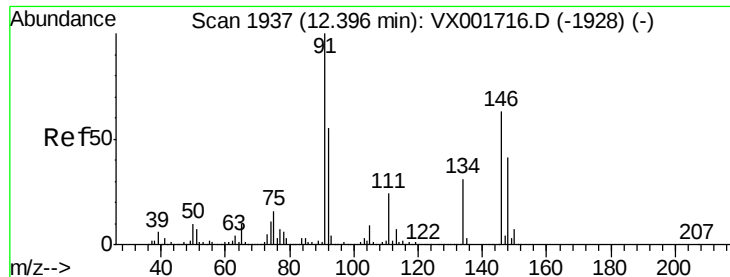
Tgt Ion:146 Resp: 221631
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.8 53.4
 148 64.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 22.59 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Tgt Ion:146 Resp: 225323
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.3 52.0
 148 64.5 32.3 96.9

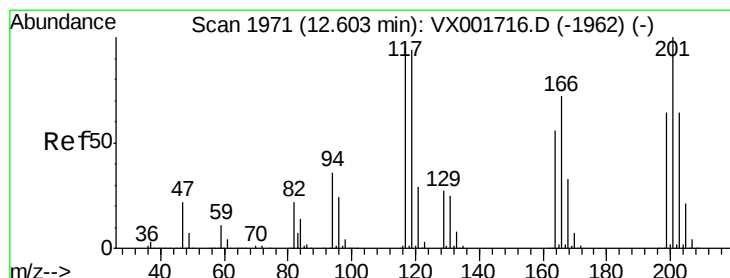
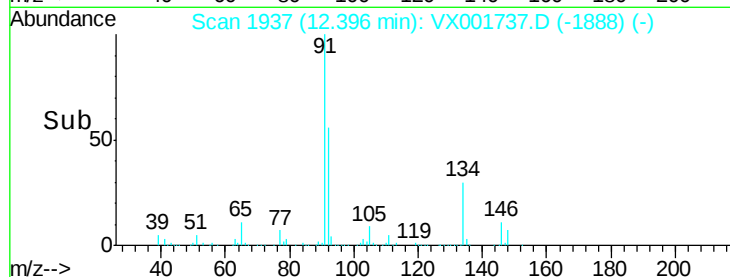
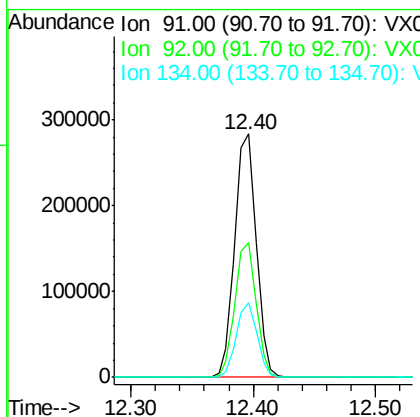
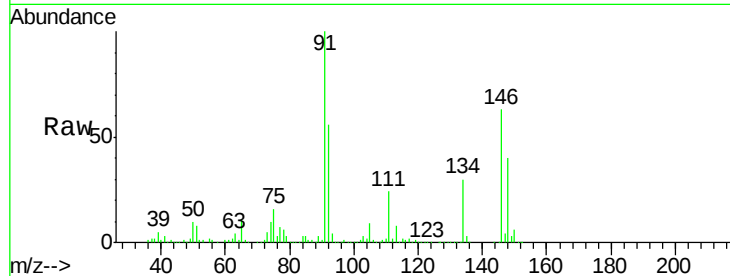




#89
n-Butylbenzene
Concen: 24.00 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

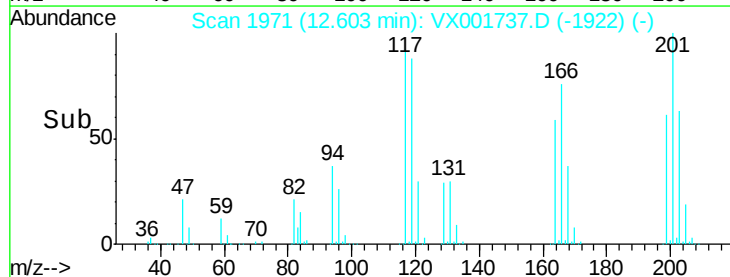
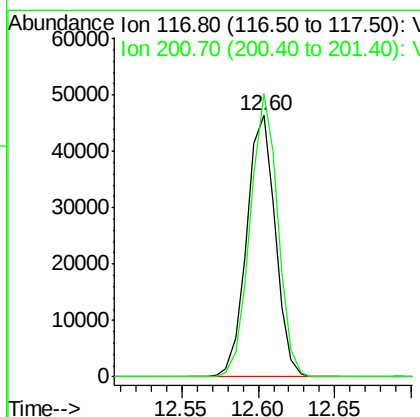
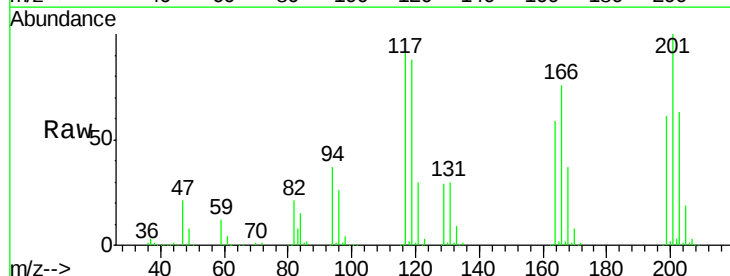
Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

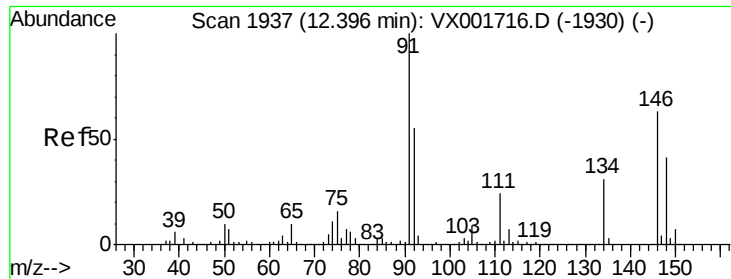
Tgt Ion: 91 Resp: 343568
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.9
134 29.2 14.7 44.1



#90
Hexachloroethane
Concen: 23.39 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion: 117 Resp: 60123
Ion Ratio Lower Upper
117 100
201 104.6 51.9 155.7

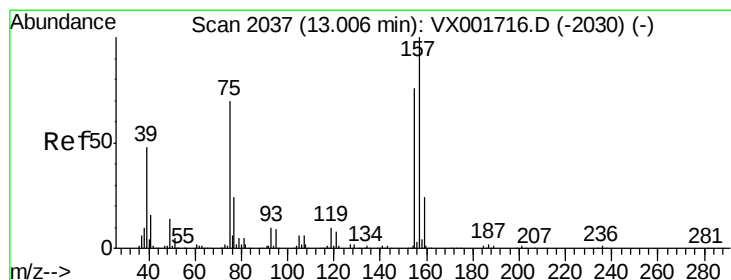
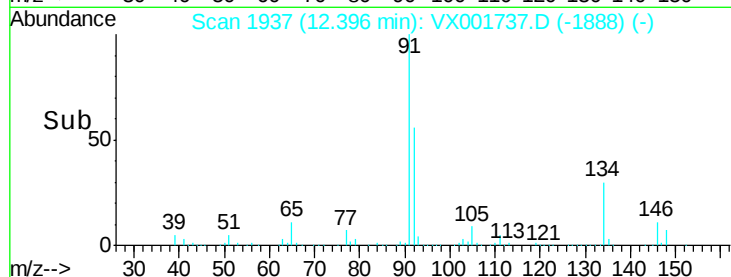
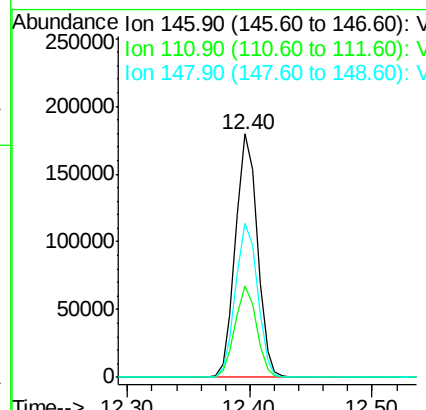
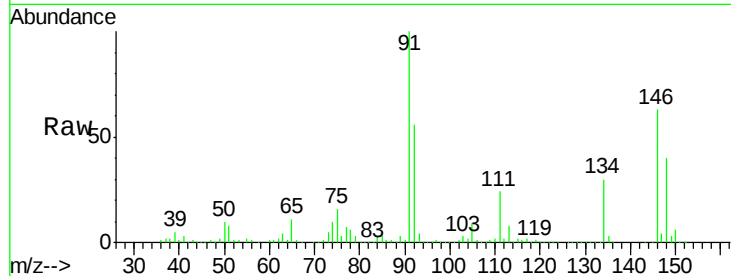




#91
 1,2-Dichlorobenzene
 Concen: 22.99 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

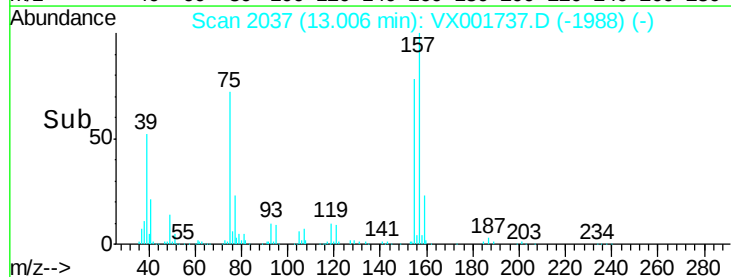
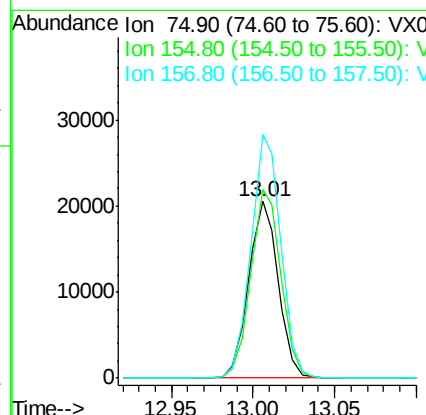
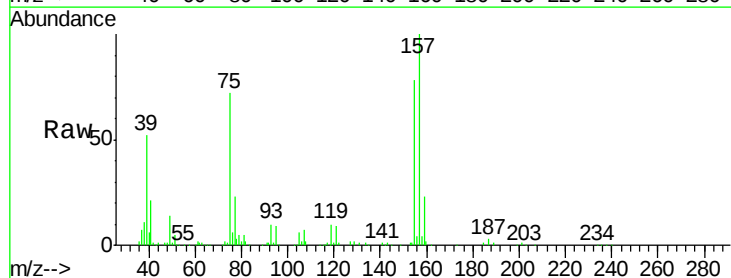
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS02

Tgt Ion: 146 Resp: 220972
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 56.0
 148 64.2 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.83 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Tgt Ion: 75 Resp: 25943
 Ion Ratio Lower Upper
 75 100
 155 108.8 53.9 161.8
 157 139.3 71.0 213.2

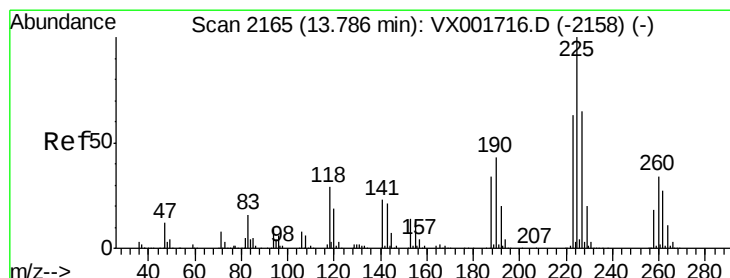
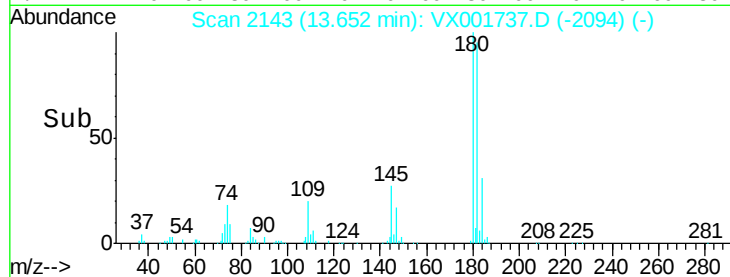
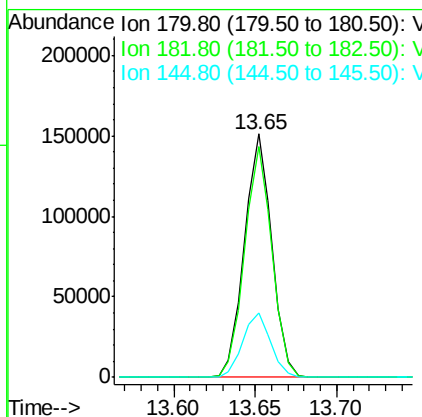
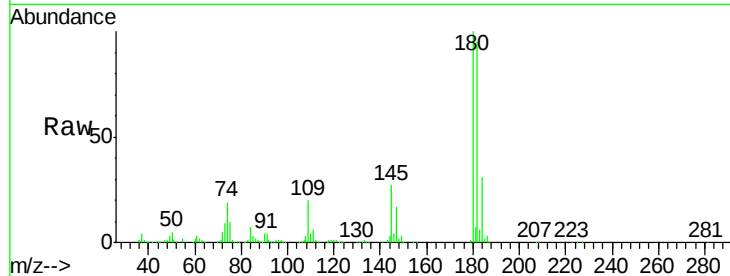




#93
 1,2,4-Trichlorobenzene
 Concen: 23.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

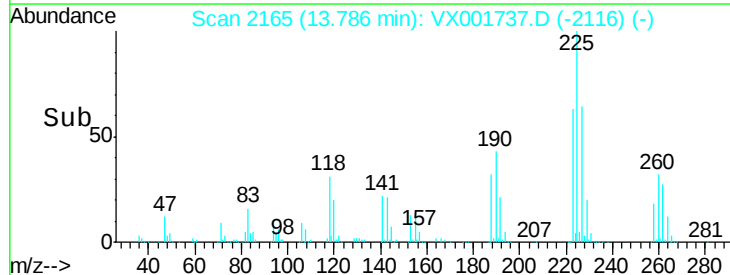
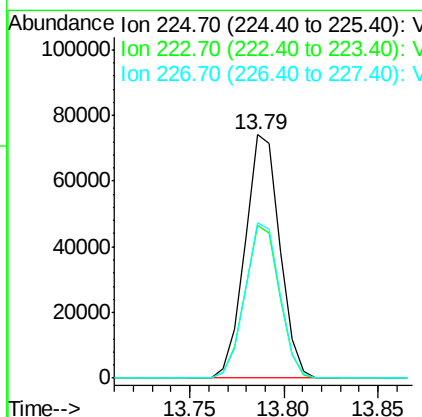
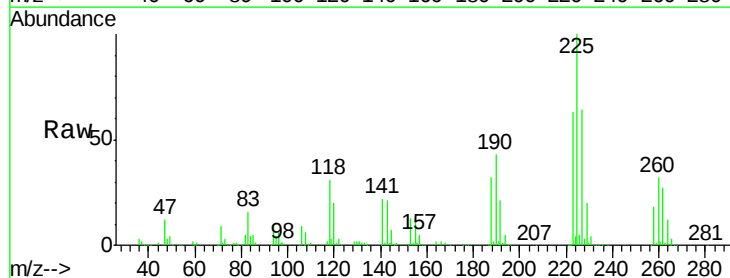
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS02

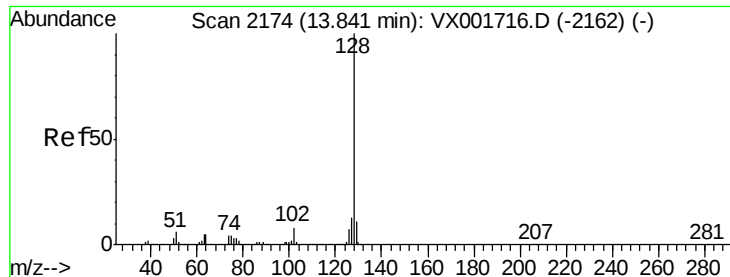
Tgt Ion:180 Resp: 177428
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.9
 145 26.8 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 23.02 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001737.D
 Acq: 15 May 2018 11:34

Tgt Ion:225 Resp: 94672
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 63.6 31.9 95.5

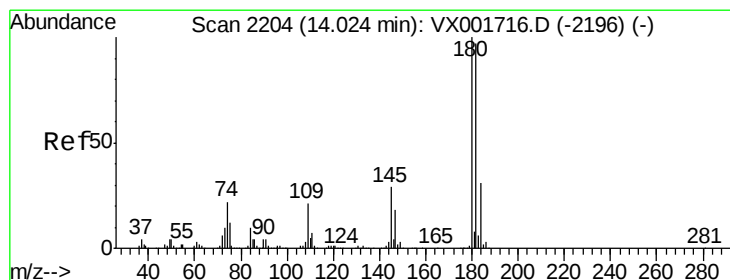
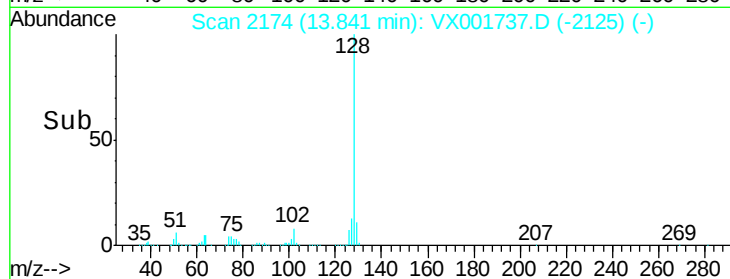
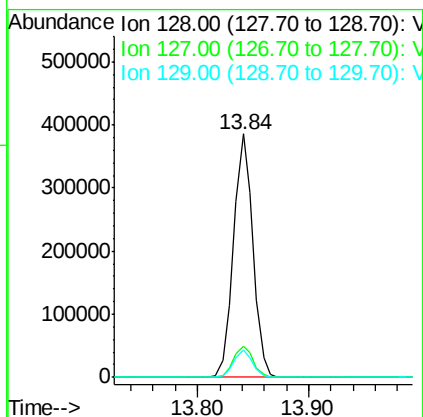
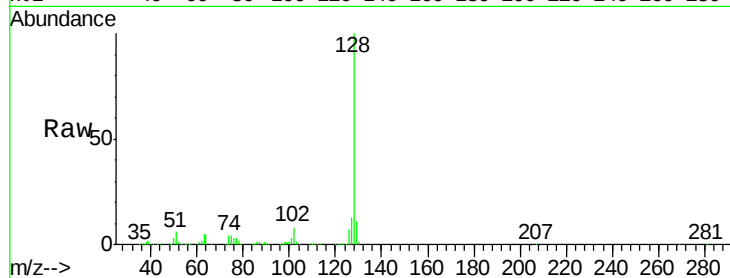




#95
Naphthalene
Concen: 23.20 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS02

Tgt Ion:128 Resp: 461942
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.93 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001737.D
Acq: 15 May 2018 11:34

Tgt Ion:180 Resp: 176904
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.7
145 28.2 14.2 42.8

