

Data File : VX001718.D

Acq On : 14 May 2018 19:10

Operator : JC/MD

Sample : VSTDICC150

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 15 01:08:19 2018

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

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	430731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	598393	130.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.94%	
35) Dibromofluoromethane	5.51	113	518871	137.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.10%	
50) Toluene-d8	8.72	98	1923621	138.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.72%	
62) 4-Bromofluorobenzene	11.15	95	683123	130.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	464040	111.88	ug/l	99
3) Chloromethane	1.32	50	513338	124.79	ug/l	99
4) Vinyl Chloride	1.40	62	544717	126.06	ug/l	100
5) Bromomethane	1.64	94	228309	90.86	ug/l	98
6) Chloroethane	1.70	64	303619	107.03	ug/l	100
7) Trichlorofluoromethane	1.92	101	767435	118.75	ug/l	99
8) Diethyl Ether	2.19	74	329171	129.04	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	458762	120.76	ug/l	99
10) Methyl Iodide	2.51	142	512723	100.53	ug/l	98
11) Tert butyl alcohol	3.10	59	603394	645.72	ug/l	98
12) 1,1-Dichloroethene	2.37	96	447486	127.67	ug/l	98
13) Acrolein	2.30	56	428212	1467.50	ug/l	100
14) Allyl chloride	2.73	41	862400	131.76	ug/l	98
15) Acrylonitrile	3.16	53	1454042	670.67	ug/l	100
16) Acetone	2.46	43	1195690	584.63	ug/l	100
17) Carbon Disulfide	2.56	76	1236608	138.78	ug/l	99
18) Methyl Acetate	2.78	43	750026	136.76	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	1568392	128.50	ug/l	100
20) Methylene Chloride	2.85	84	505634	123.55	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	488432	124.60	ug/l	98
22) Diisopropyl ether	3.88	45	1675714	136.33	ug/l	99
23) Vinyl Acetate	3.83	43	5777456	582.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	881465	129.13	ug/l	100
25) 2-Butanone	4.72	43	2020512	676.07	ug/l	98
26) 2,2-Dichloropropane	4.59	77	727074	137.15	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	586457	138.96	ug/l	98
28) Bromochloromethane	5.03	49	391416	130.31	ug/l	98
29) Tetrahydrofuran	5.18	42	1317736	687.14	ug/l	99
30) Chloroform	5.23	83	932493	131.93	ug/l	99
31) Cyclohexane	5.57	56	815737	137.91	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	838356	135.90	ug/l	99
36) 1,1-Dichloropropene	5.80	75	706925	130.94	ug/l	100
37) Ethyl Acetate	4.88	43	785265	133.67	ug/l	100
38) Carbon Tetrachloride	5.79	117	762298	133.23	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 15 01:08:19 2018

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

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	880480	137.94	ug/l	99
40) Benzene	6.15	78	2107160	133.65	ug/l	100
41) Methacrylonitrile	5.07	41	451089	133.80	ug/l	99
42) 1,2-Dichloroethane	6.20	62	742423	123.75	ug/l	99
43) Isopropyl Acetate	6.48	43	1287808	142.67	ug/l	99
44) Trichloroethene	7.22	130	645496	133.24	ug/l	98
45) 1,2-Dichloropropane	7.52	63	534052	135.80	ug/l	98
46) Dibromomethane	7.67	93	364284	131.35	ug/l	98
47) Bromodichloromethane	7.90	83	729035	142.15	ug/l	98
48) Methyl methacrylate	7.79	41	682720	139.36	ug/l	98
49) 1,4-Dioxane	7.77	88	274992	2654.56	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	4098317	685.35	ug/l	98
52) Toluene	8.79	92	1366106	132.57	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	900650	154.63	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	844390	161.47	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	510451	124.03	ug/l	100
56) Ethyl methacrylate	9.19	69	875677	148.15	ug/l	99
57) 1,3-Dichloropropane	9.38	76	849528	125.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1823424	622.95	ug/l	99
59) 2-Hexanone	9.51	43	2892966	639.71	ug/l	98
60) Dibromochloromethane	9.59	129	594752	142.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	550059	127.71	ug/l	100
64) Tetrachloroethene	9.34	164	649043	126.54	ug/l	99
65) Chlorobenzene	10.15	112	1475933	136.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	562413	145.98	ug/l	99
67) Ethyl Benzene	10.26	91	2447671	138.36	ug/l	100
68) m/p-Xylenes	10.37	106	1938706	277.65	ug/l	99
69) o-Xylene	10.71	106	947553	139.99	ug/l	99
70) Styrene	10.72	104	1602739	145.47	ug/l	100
71) Bromoform	10.87	173	535093	169.82	ug/l	99
73) Isopropylbenzene	11.02	105	2494135	138.54	ug/l	100
74) N-amyl acetate	6.48	43	1287808	155.81	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	777302	146.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	946525	179.08	ug/l	91
77) Bromobenzene	11.26	156	732518	139.51	ug/l	100
78) n-propylbenzene	11.37	91	2791687	142.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	1668179	138.54	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	2110107	141.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	266576	191.24	ug/l	93
82) 4-Chlorotoluene	11.52	91	1980029	142.42	ug/l	100
83) tert-Butylbenzene	11.78	119	2170527	146.29	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	2189287	142.32	ug/l	99
85) sec-Butylbenzene	11.95	105	2574778	143.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	2413570	147.42	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1351471	144.20	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1370005	143.25	ug/l	99
89) n-Butylbenzene	12.40	91	2079346	152.26	ug/l	99
90) Hexachloroethane	12.60	117	423389	169.88	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1342384	141.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	186728	160.62	ug/l	98

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

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 15 01:08:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:02:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1108138	157.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	579325	150.50	ug/l	100
95) Naphthalene	13.84	128	3022358	156.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	1096160	152.37	ug/l	100

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

Data File : VX001718.D

Acq On : 14 May 2018 19:10

Operator : JC/MD

Sample : VSTDICC150

Misc : 5.0mL/MSVOA X/WATER

ALS Vial : 14 Sample Multiplier: 1

Instrument :

MSVOA X

ClientSampleId :

VSTDICC150

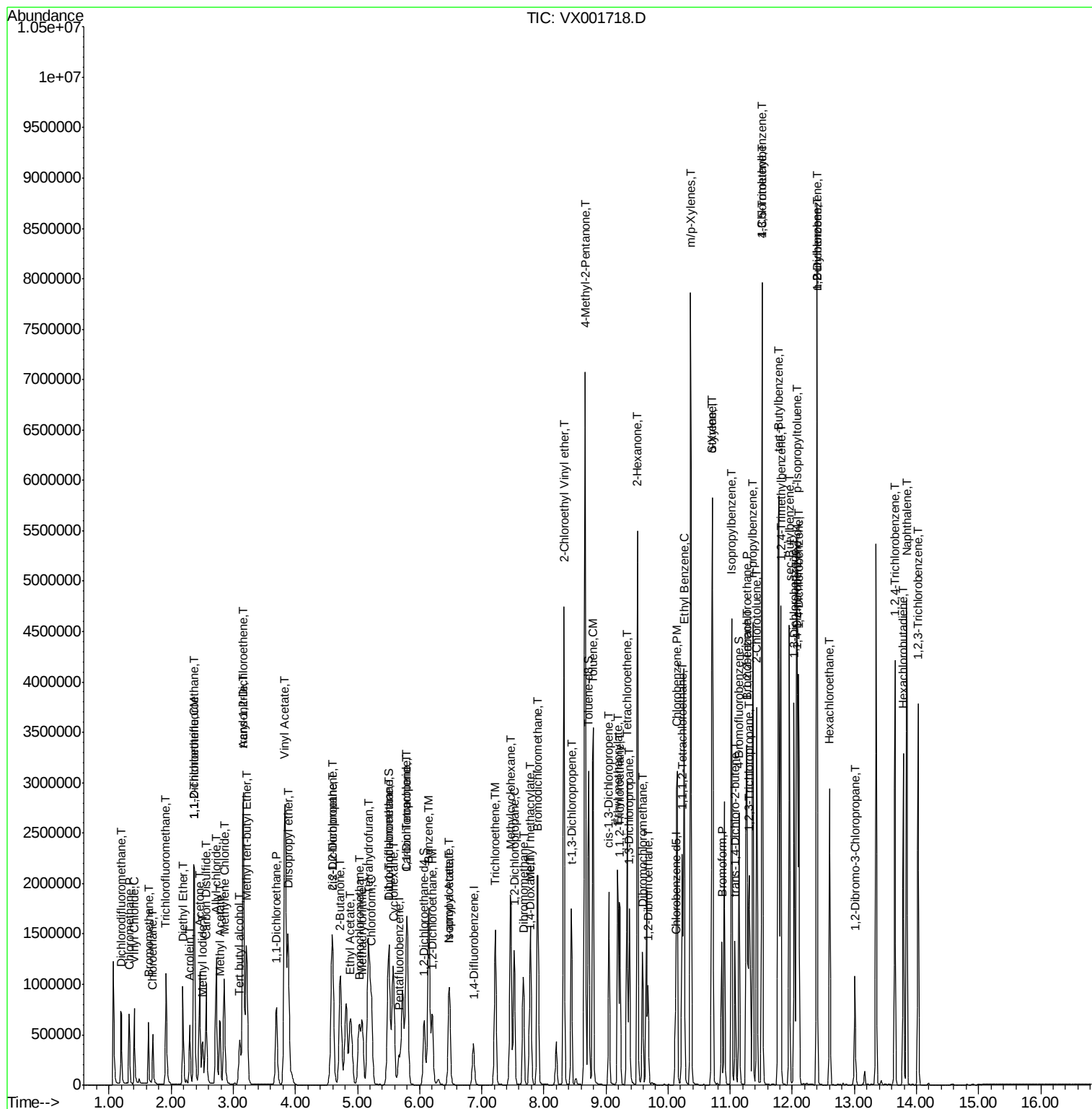
Quant Time: May 15 01:08:19 2018

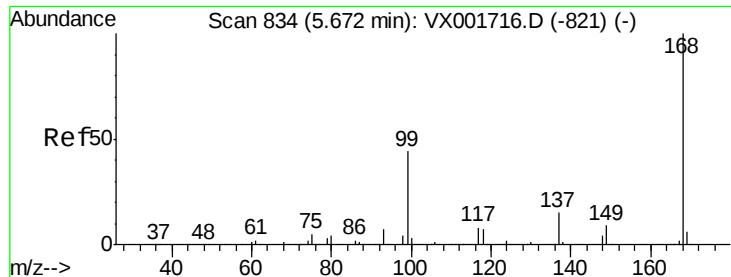
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

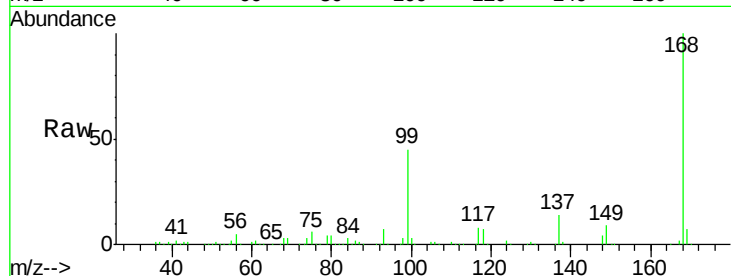
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 323255

Ion Ratio Lower Upper

168 100

99 44.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

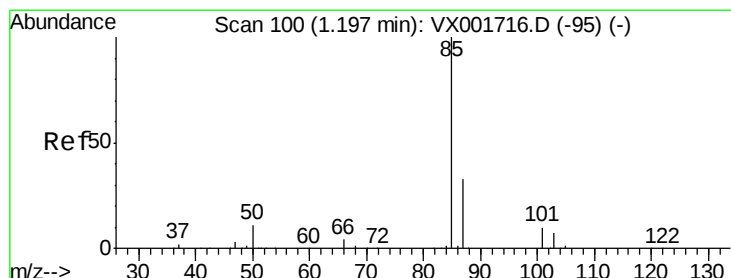
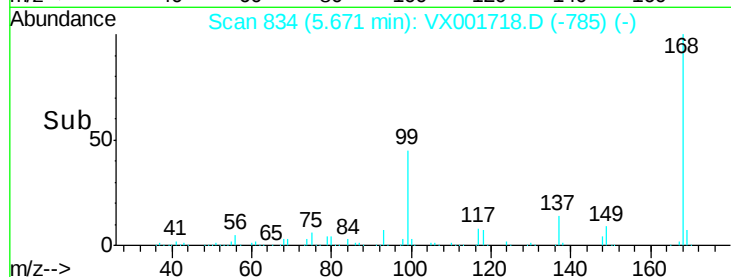
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 111.88 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001718.D

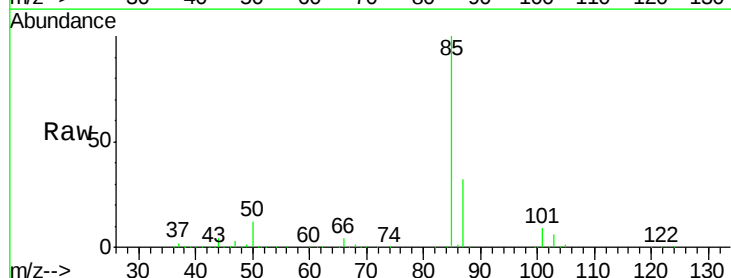
Acq: 14 May 2018 19:10

Tgt Ion: 85 Resp: 464040

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

300000

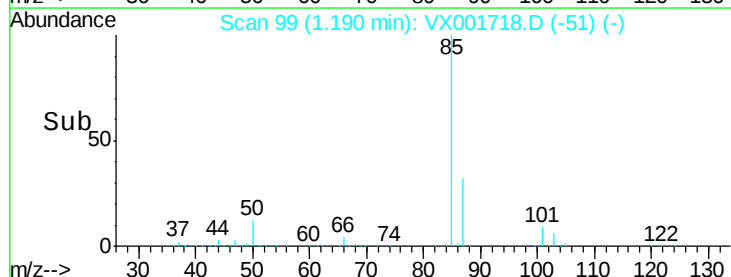
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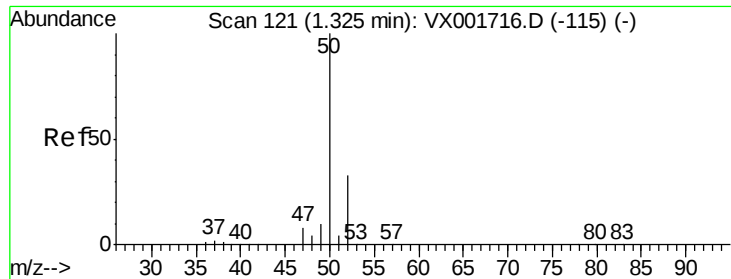
100000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 124.79 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

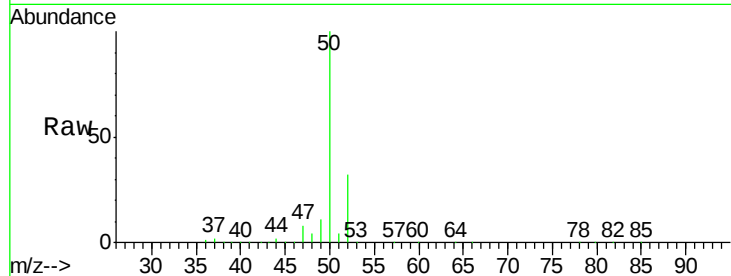
VSTDIC150

Tgt Ion: 50 Resp: 513338

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400000

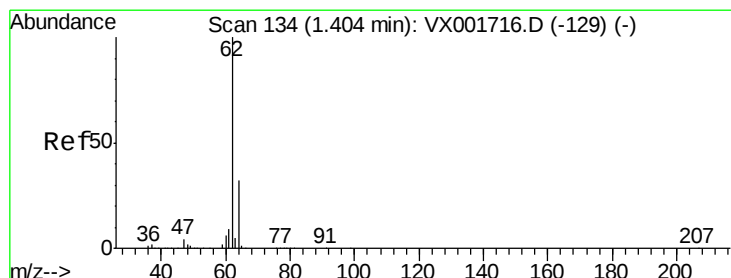
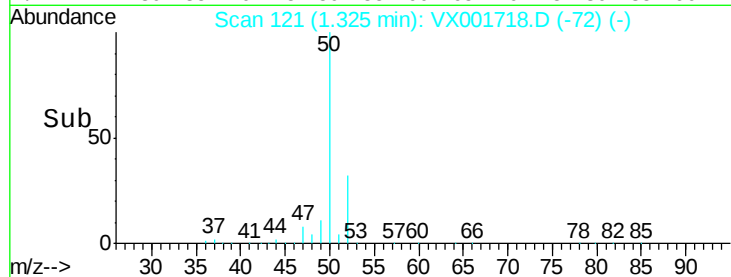
300000

200000

100000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 126.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001718.D

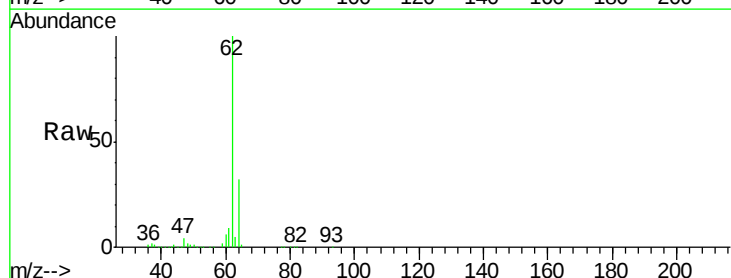
Acq: 14 May 2018 19:10

Tgt Ion: 62 Resp: 544717

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

500000

400000

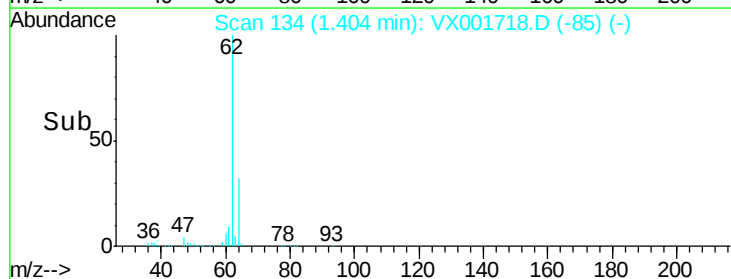
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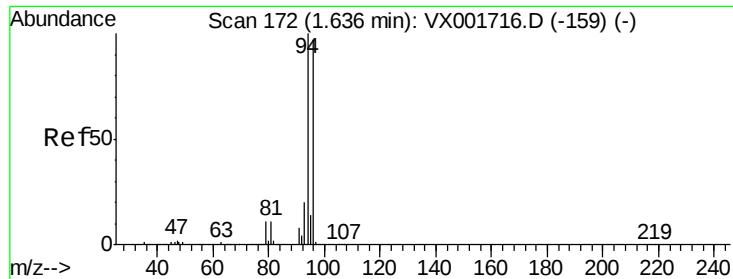
200000

100000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 90.86 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

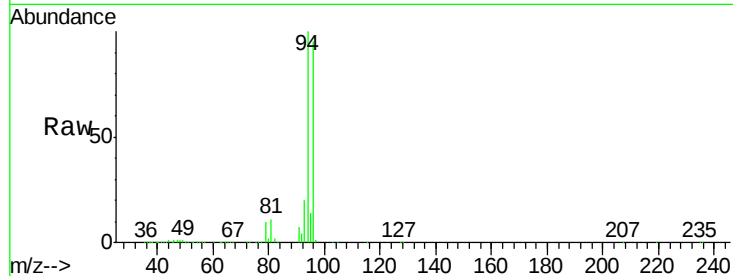
VSTDIC150

Tgt Ion: 94 Resp: 228309

Ion Ratio Lower Upper

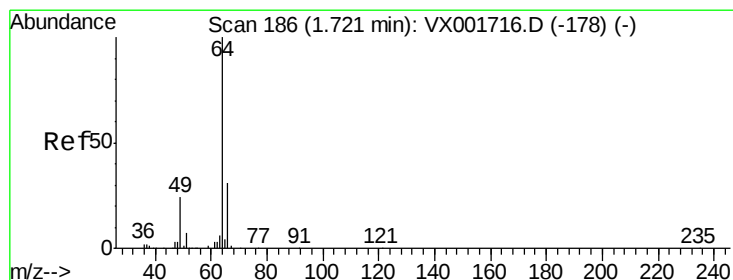
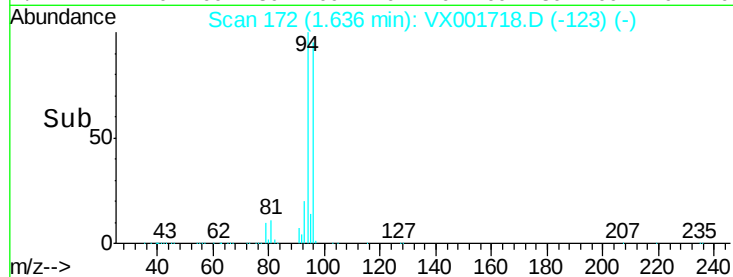
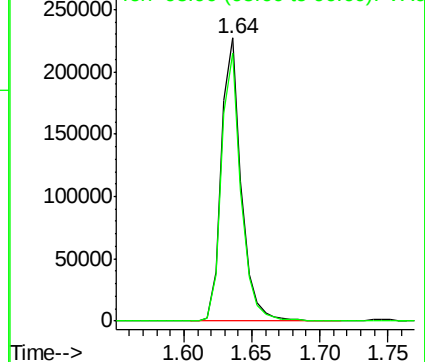
94 100

96 94.7 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: 107.03 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX001718.D

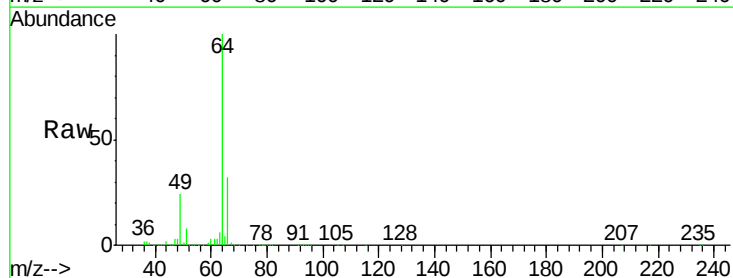
Acq: 14 May 2018 19:10

Tgt Ion: 64 Resp: 303619

Ion Ratio Lower Upper

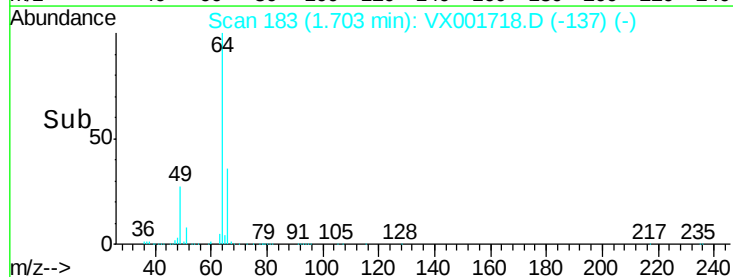
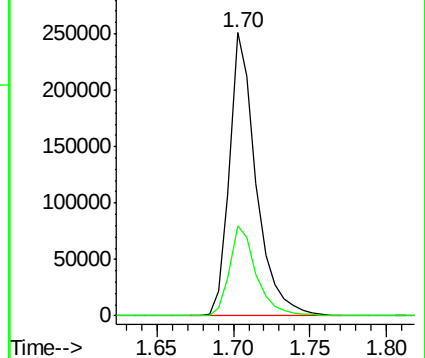
64 100

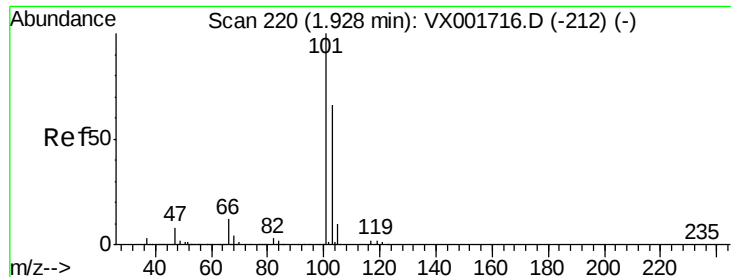
66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



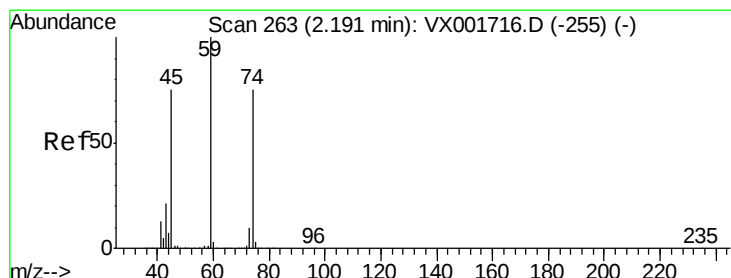
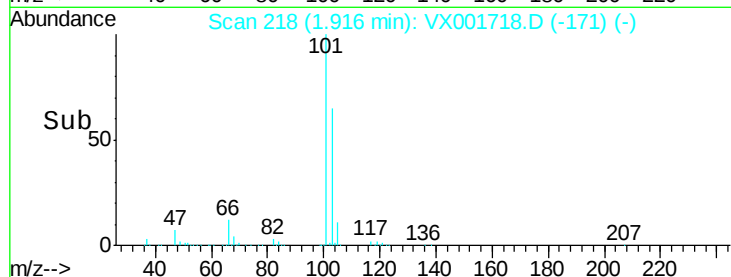
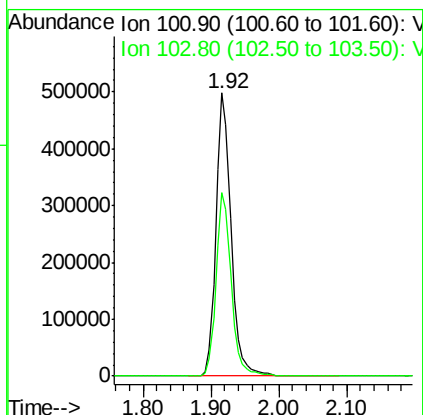
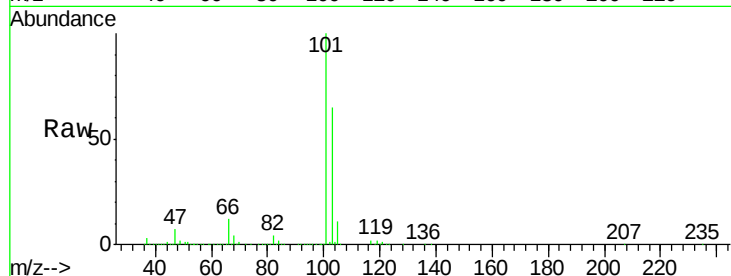


#7

Trichlorofluoromethane
Concen: 118.75 ug/l
RT: 1.92 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

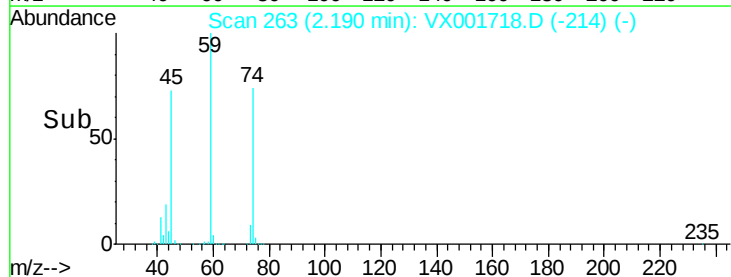
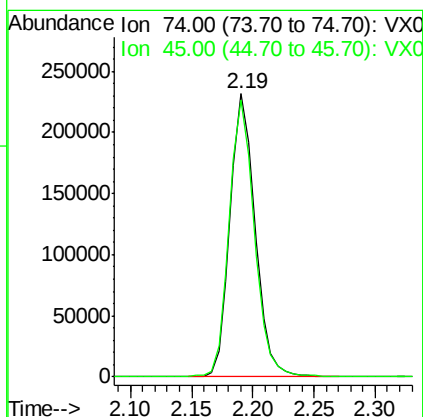
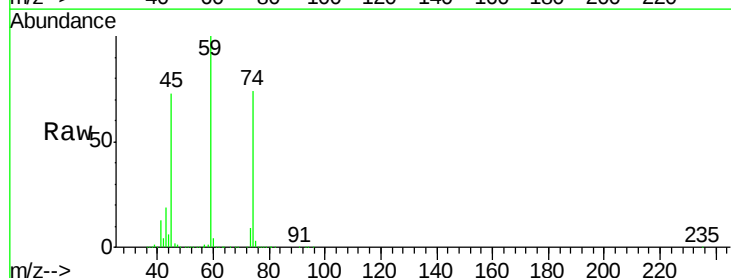
Tgt Ion:101 Resp: 767435
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8

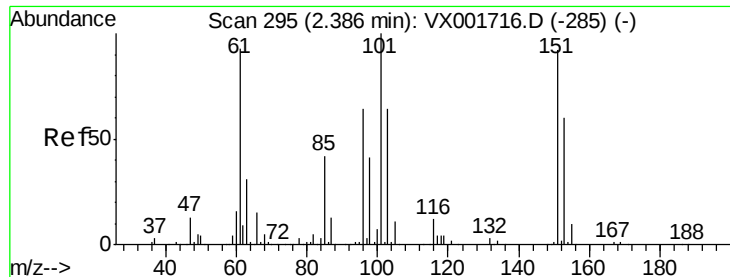


#8

Diethyl Ether
Concen: 129.04 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion: 74 Resp: 329171
Ion Ratio Lower Upper
74 100
45 98.3 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 120.76 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

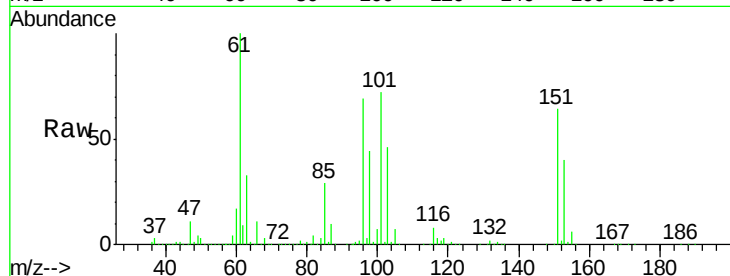
Tgt Ion:101 Resp: 458762

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

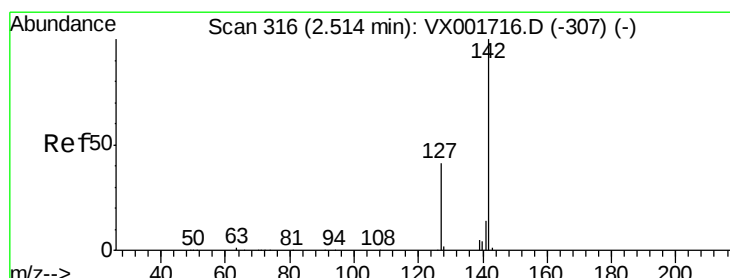
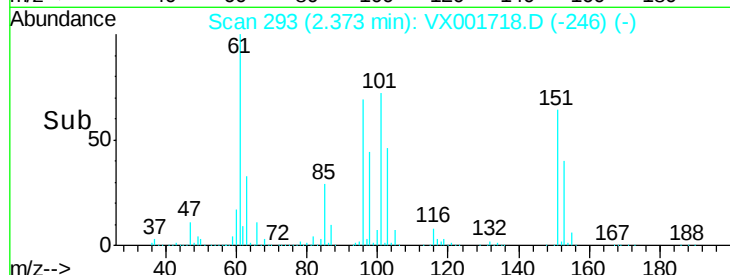
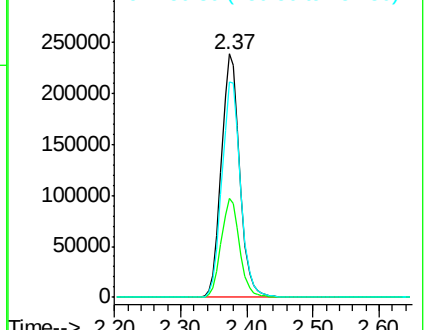
151 90.4 73.0 109.6



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: 100.53 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

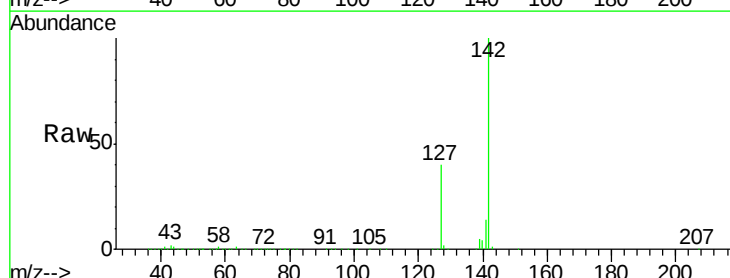
Tgt Ion:142 Resp: 512723

Ion Ratio Lower Upper

142 100

127 39.1 32.5 48.7

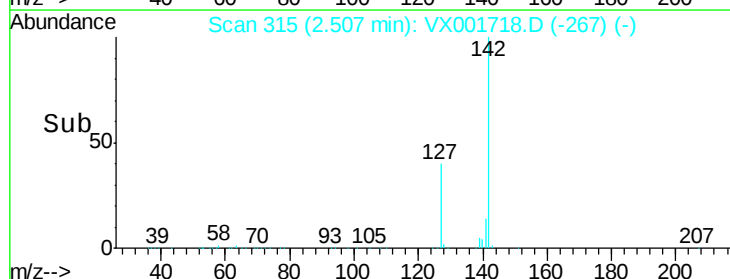
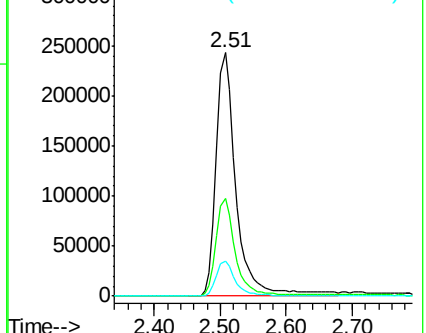
141 13.8 11.4 17.0

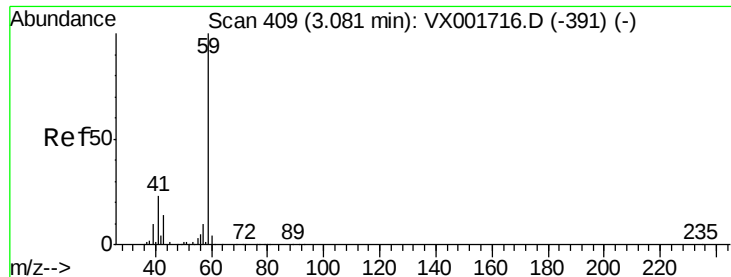


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

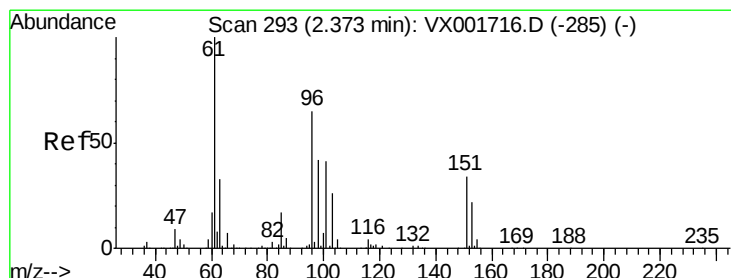
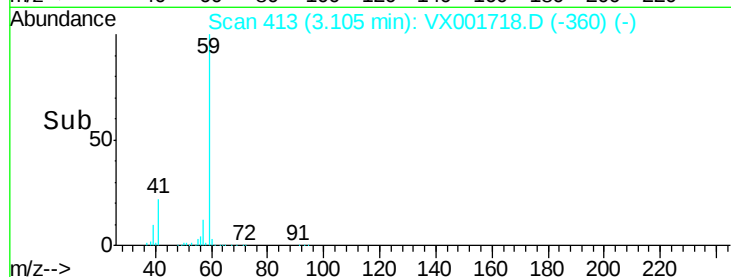
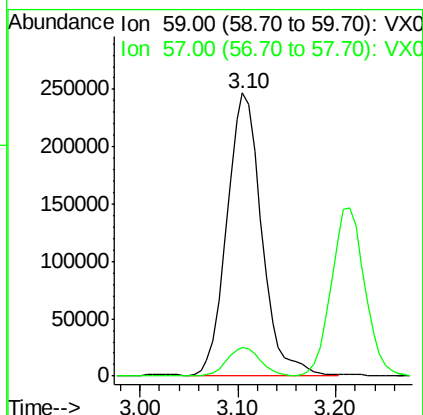
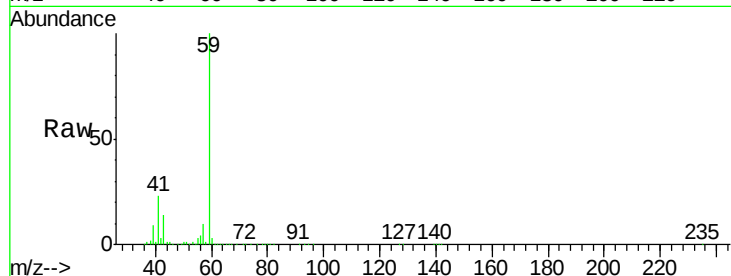




#11
Tert butyl alcohol
Concen: 645.72 ug/l
RT: 3.10 min Scan# 413
Delta R.T. 0.02 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

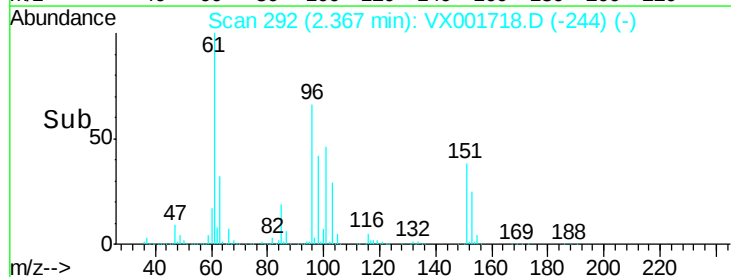
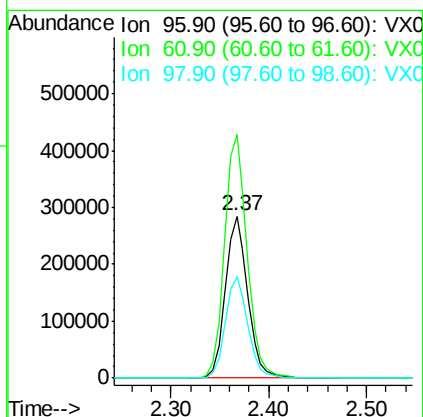
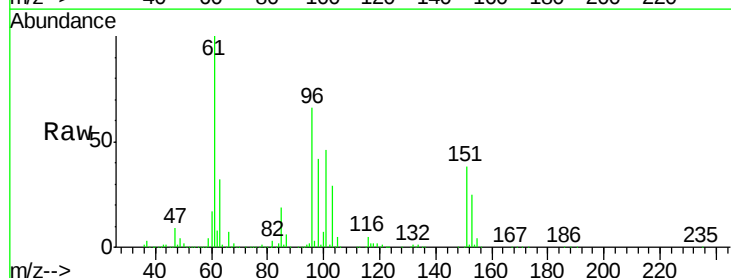
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

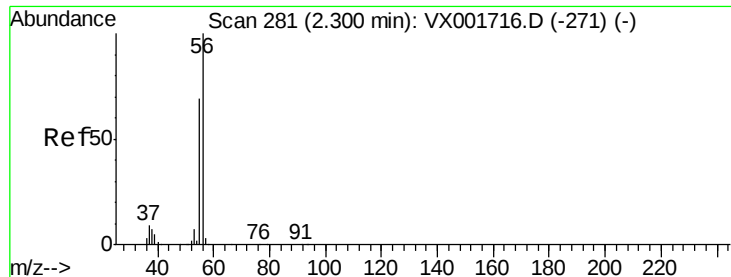
Tgt Ion: 59 Resp: 603394
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 127.67 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion: 96 Resp: 447486
Ion Ratio Lower Upper
96 100
61 150.5 122.2 183.2
98 63.0 51.4 77.0





#13

Acrolein

Concen: 1467.50 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

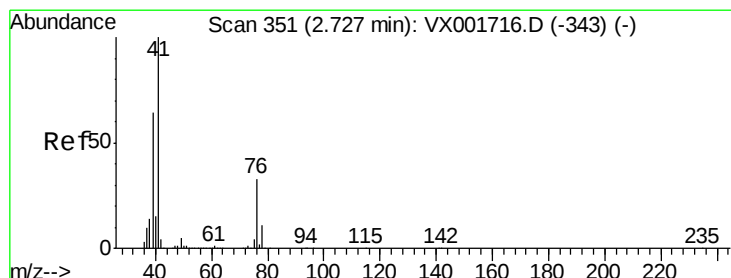
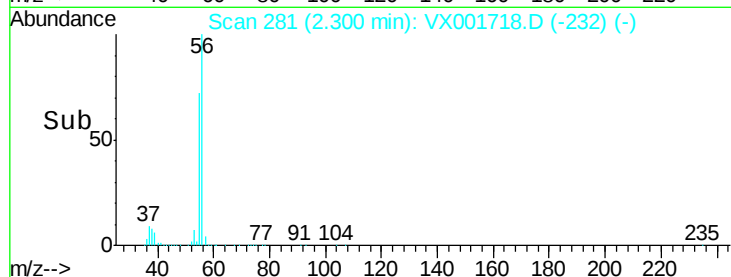
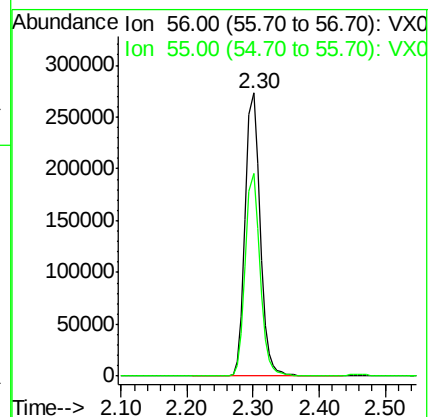
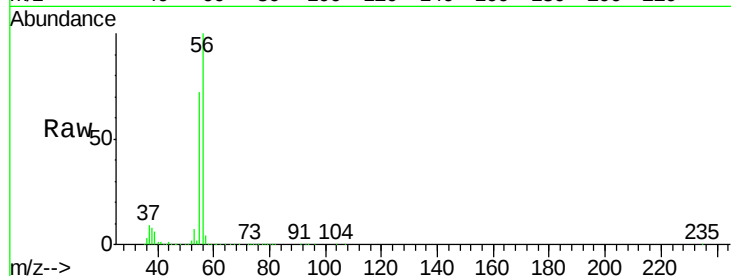
VSTDIC150

Tgt Ion: 56 Resp: 428212

Ion Ratio Lower Upper

56 100

55 70.5 56.2 84.2



#14

Allyl chloride

Concen: 131.76 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

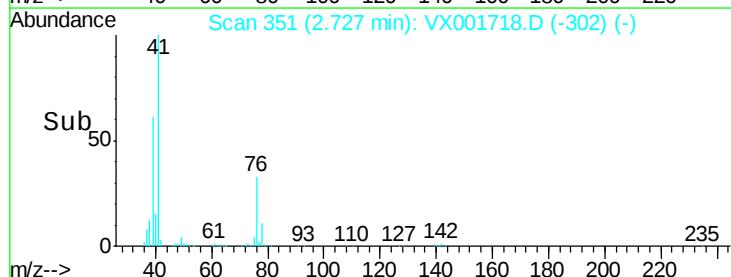
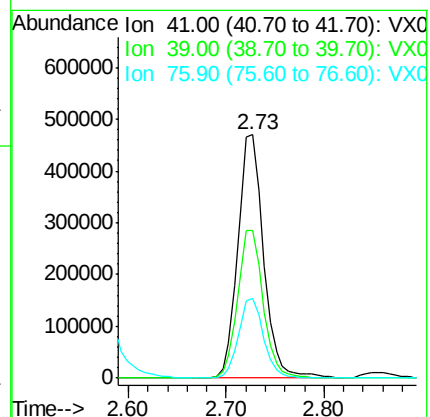
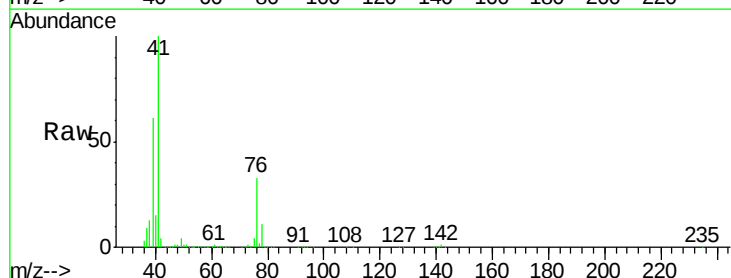
Tgt Ion: 41 Resp: 862400

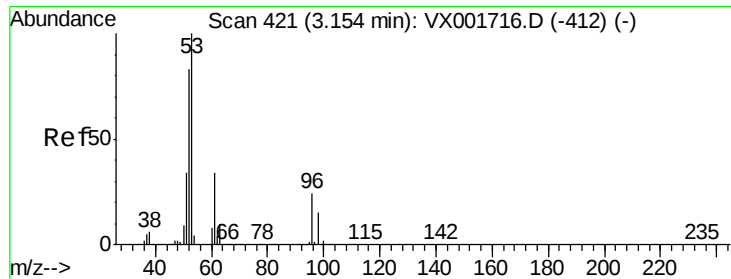
Ion Ratio Lower Upper

41 100

39 60.0 49.8 74.6

76 32.1 25.8 38.8





#15

Acrylonitrile

Concen: 670.67 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

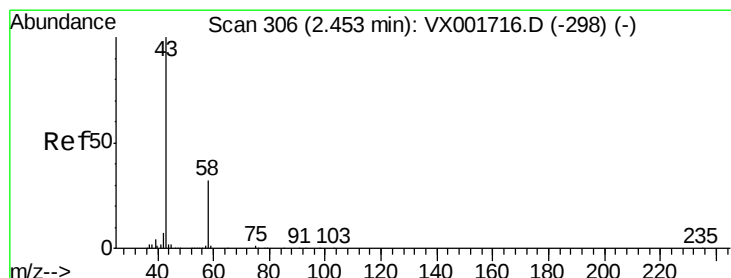
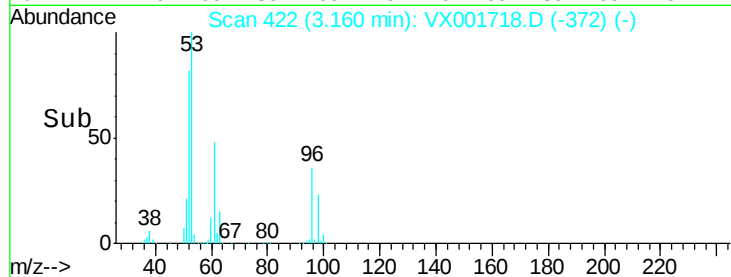
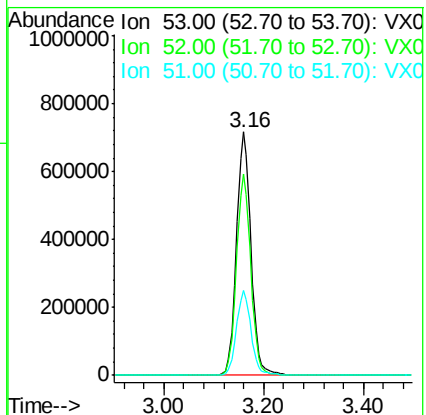
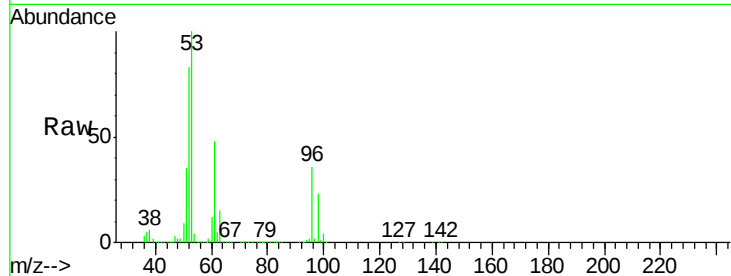
Tgt Ion: 53 Resp: 1454042

Ion Ratio Lower Upper

53 100

52 81.7 65.6 98.4

51 35.5 28.1 42.1



#16

Acetone

Concen: 584.63 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001718.D

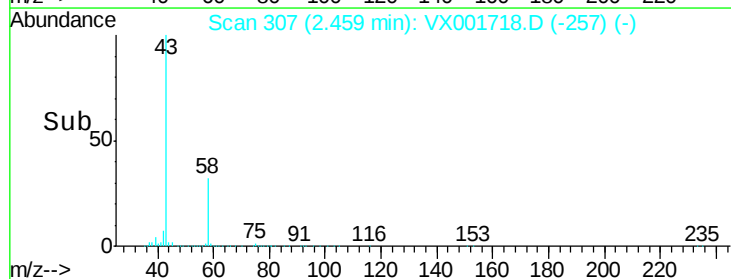
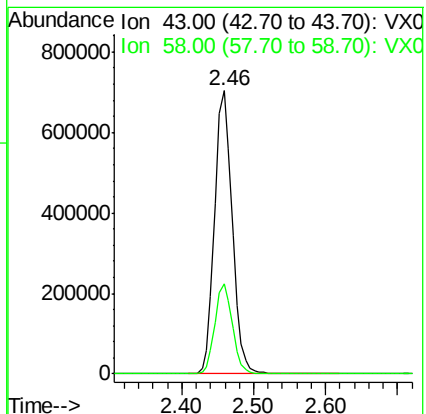
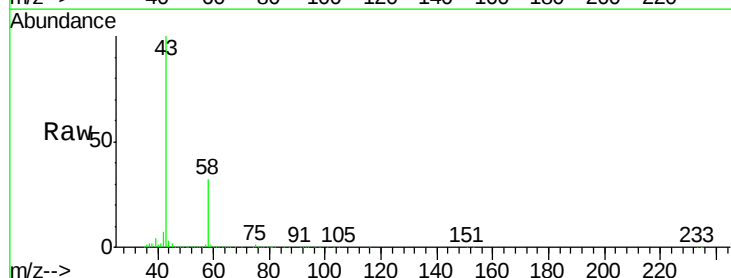
Acq: 14 May 2018 19:10

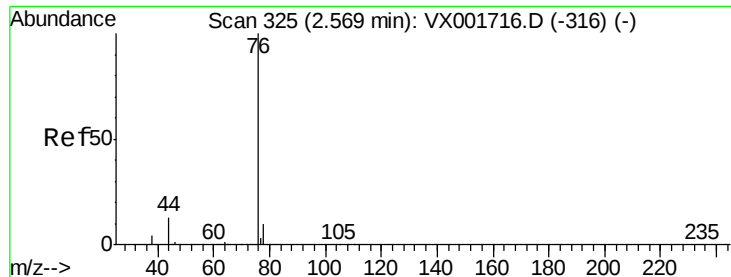
Tgt Ion: 43 Resp: 1195690

Ion Ratio Lower Upper

43 100

58 31.7 25.3 37.9





#17

Carbon Disulfide

Concen: 138.78 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

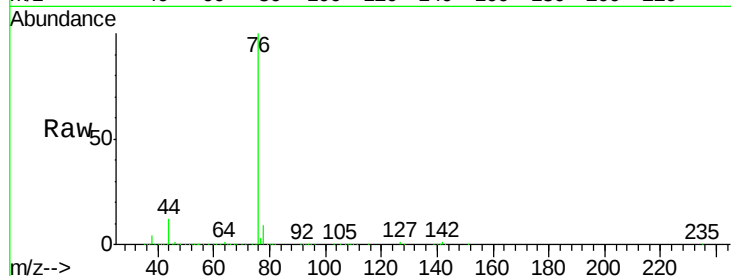
VSTDIC150

Tgt Ion: 76 Resp: 1236608

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

800000

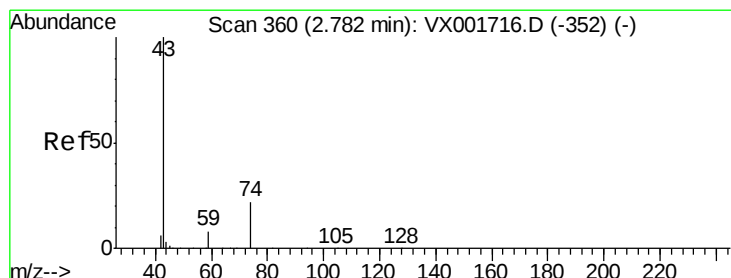
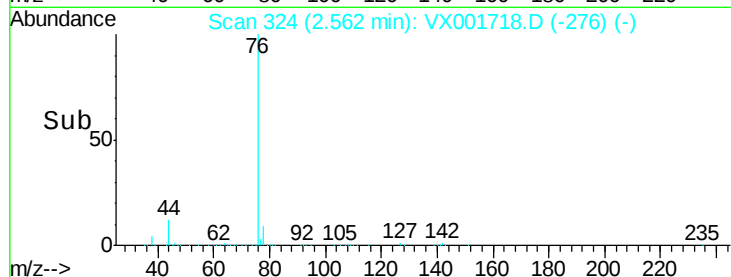
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 136.76 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001718.D

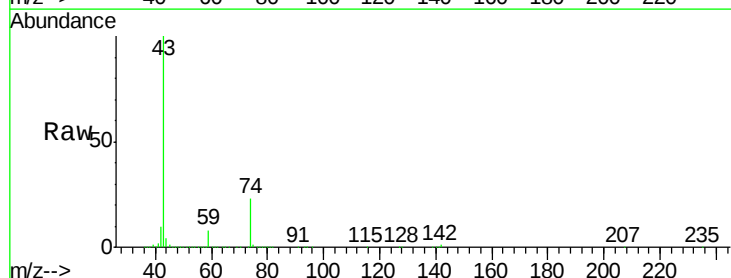
Acq: 14 May 2018 19:10

Tgt Ion: 43 Resp: 750026

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

400000

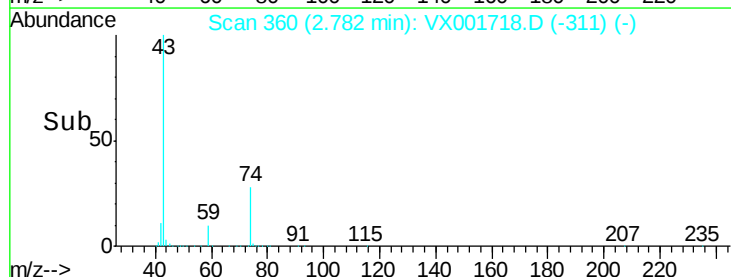
300000

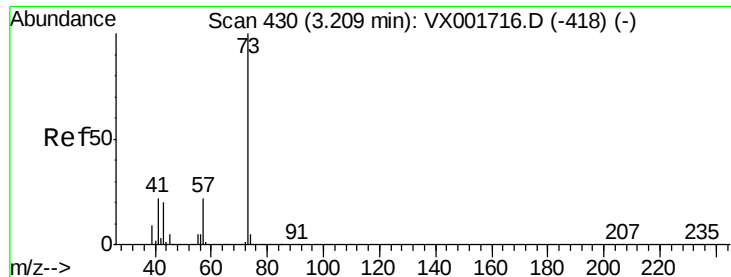
200000

100000

0

Time-->

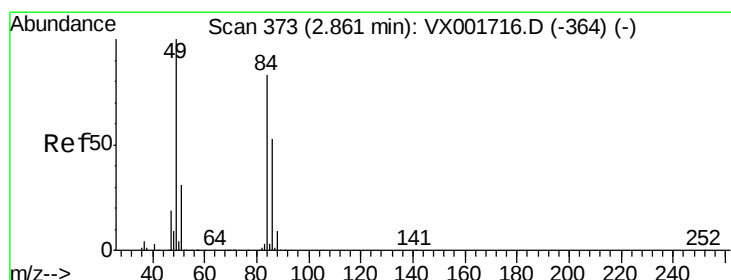
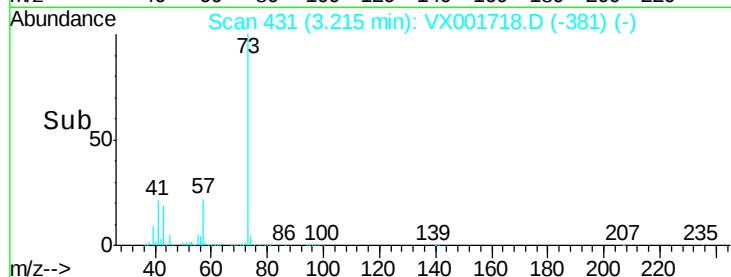
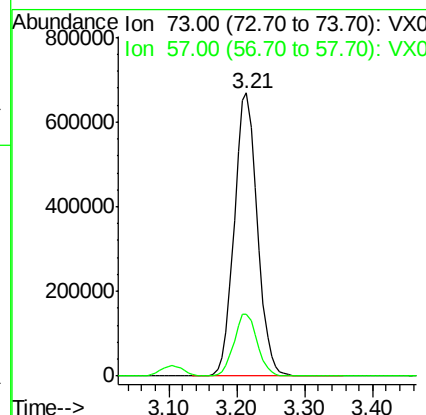
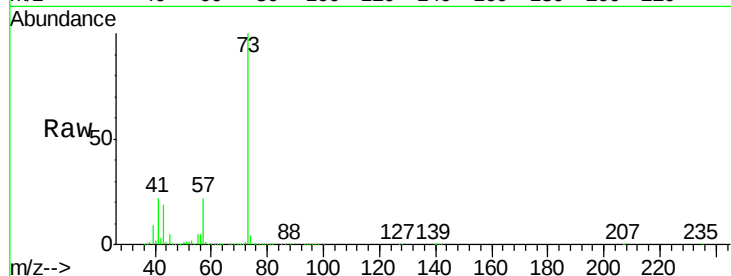




#19
Methyl tert-butyl Ether
Concen: 128.50 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

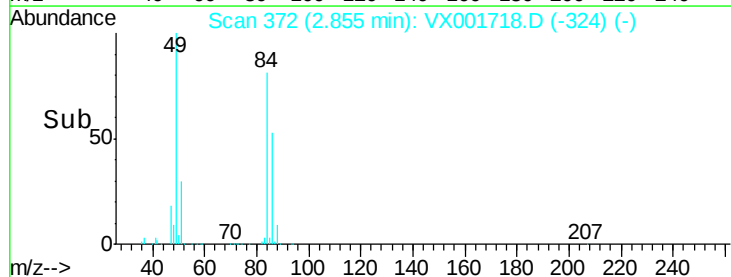
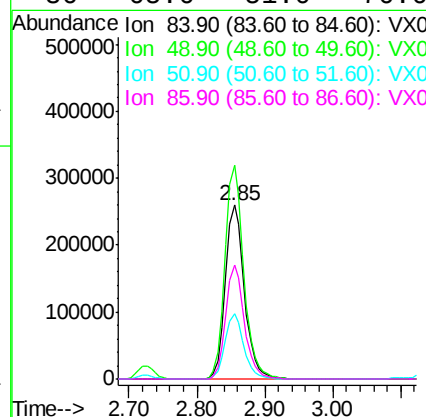
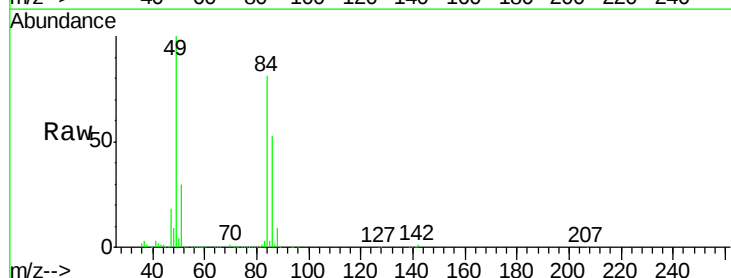
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

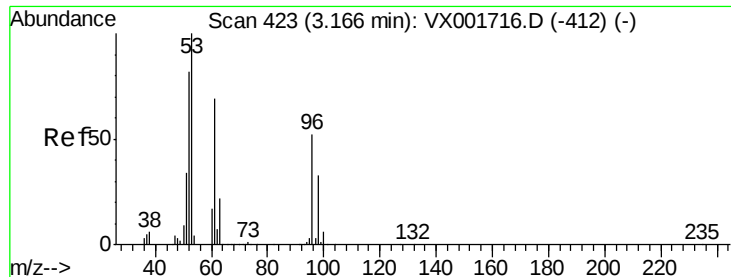
Tgt Ion: 73 Resp: 1568392
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3



#20
Methylene Chloride
Concen: 123.55 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion: 84 Resp: 505634
Ion Ratio Lower Upper
84 100
49 122.8 96.3 144.5
51 37.3 29.8 44.6
86 65.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 124.60 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

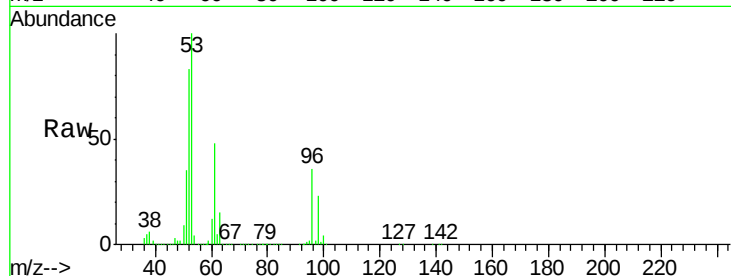
Tgt Ion: 96 Resp: 488432

Ion Ratio Lower Upper

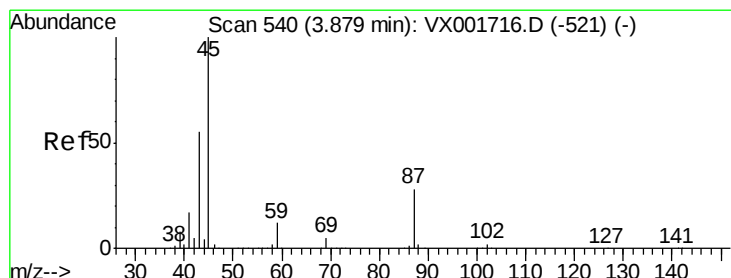
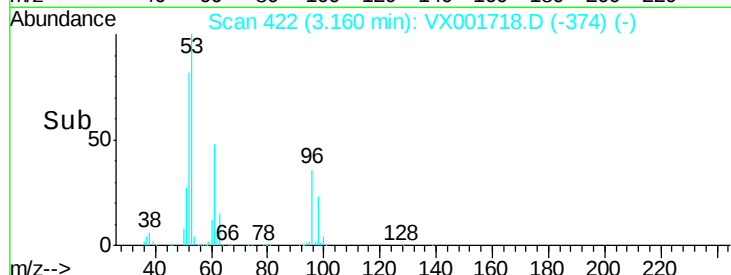
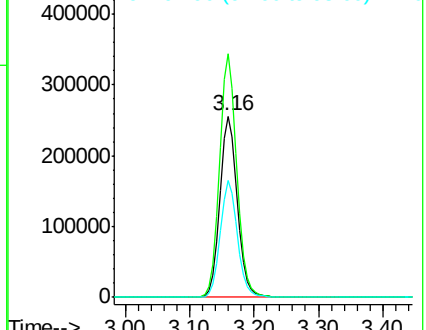
96 100

61 134.4 105.8 158.8

98 64.2 50.2 75.4



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



#22

Diisopropyl ether

Concen: 136.33 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Tgt Ion: 45 Resp: 1675714

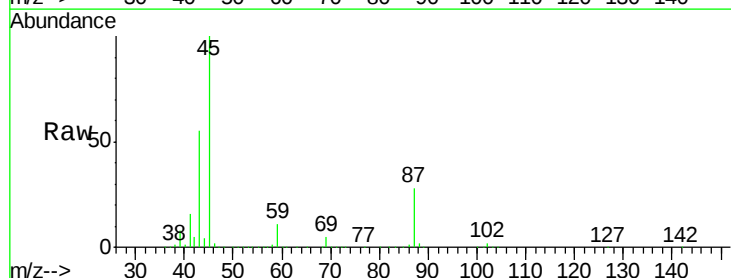
Ion Ratio Lower Upper

45 100

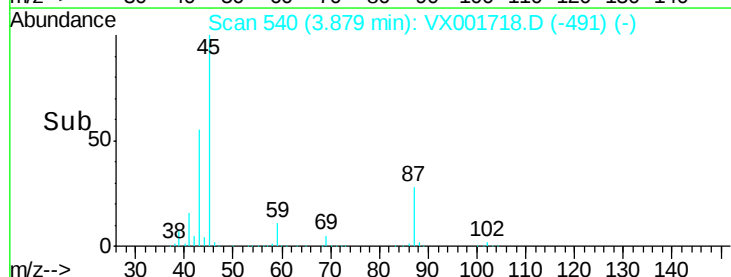
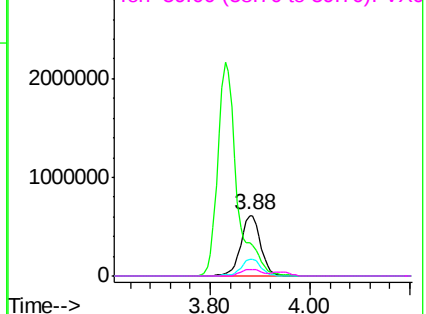
43 54.5 44.3 66.5

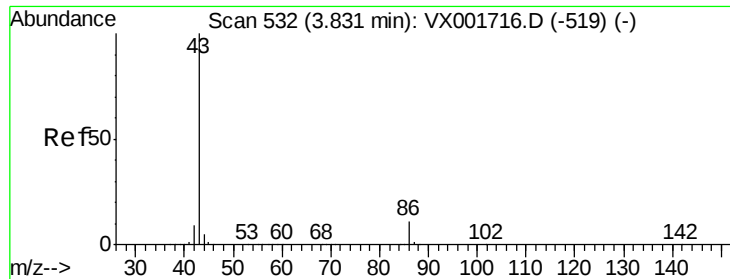
87 28.3 22.6 33.8

59 11.5 9.4 14.0



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





#23

Vinyl Acetate

Concen: 582.35 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

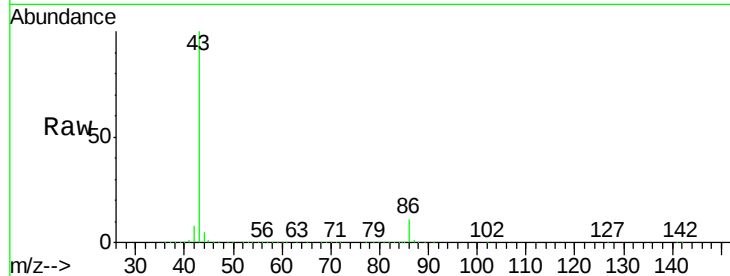
VSTDIC150

Tgt Ion: 43 Resp: 5777456

Ion Ratio Lower Upper

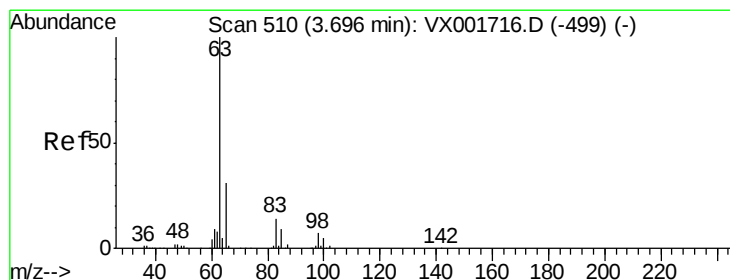
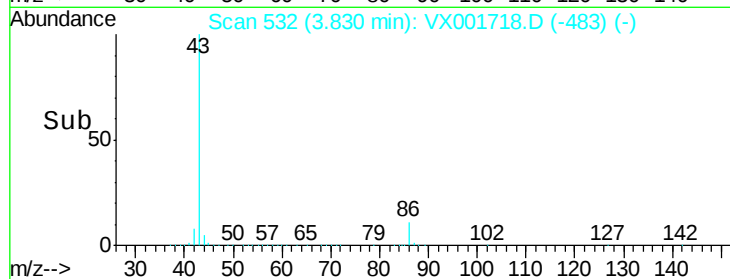
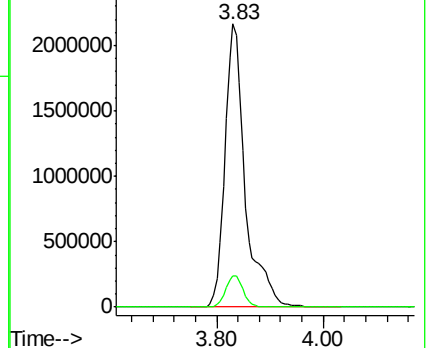
43 100

86 11.1 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: 129.13 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

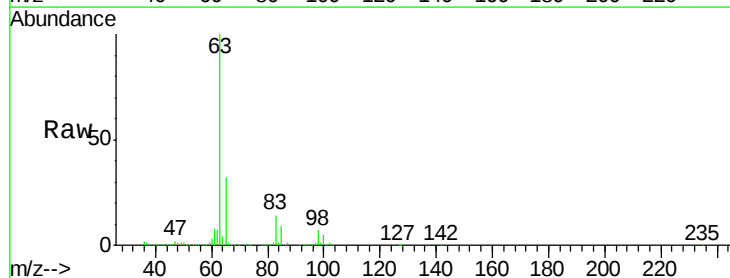
Tgt Ion: 63 Resp: 881465

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

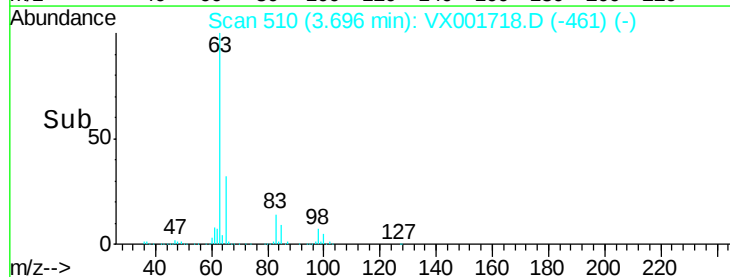
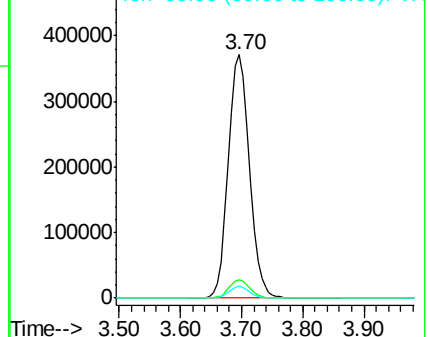
100 4.8 2.4 7.2

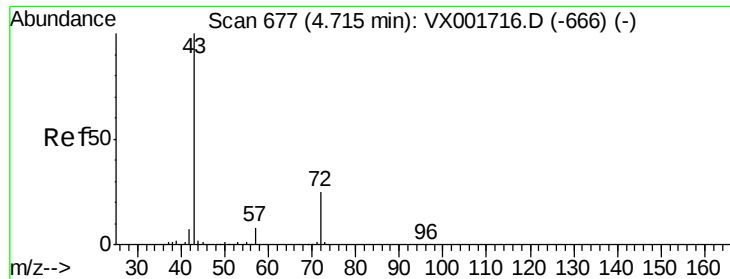


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 676.07 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

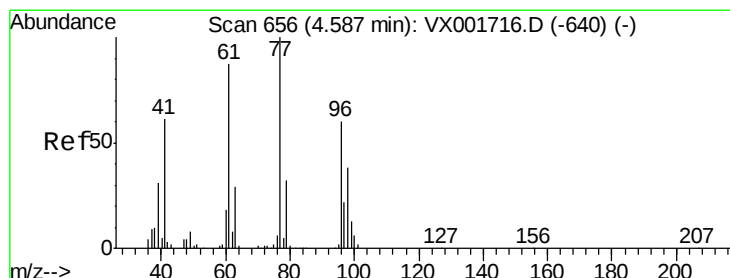
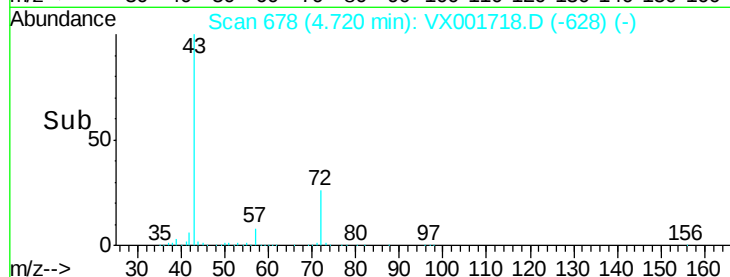
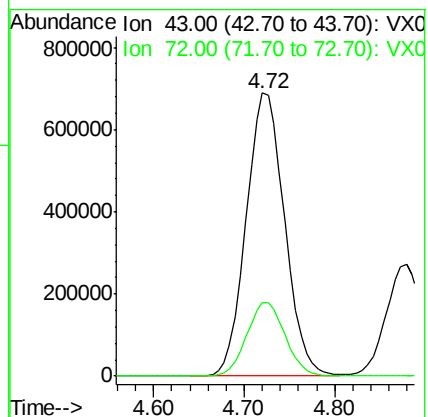
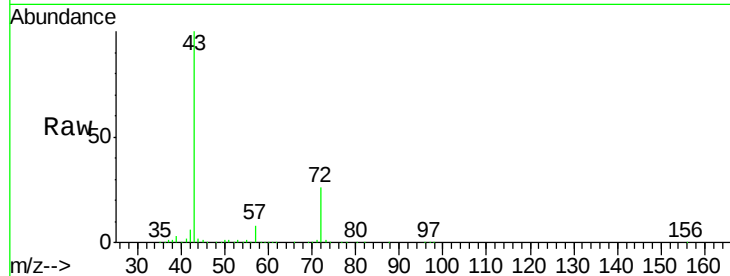
VSTDIC150

Tgt Ion: 43 Resp: 2020512

Ion Ratio Lower Upper

43 100

72 25.9 19.8 29.6



#26

2,2-Dichloropropane

Concen: 137.15 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001718.D

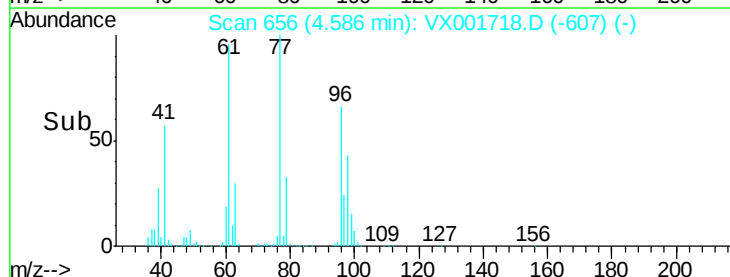
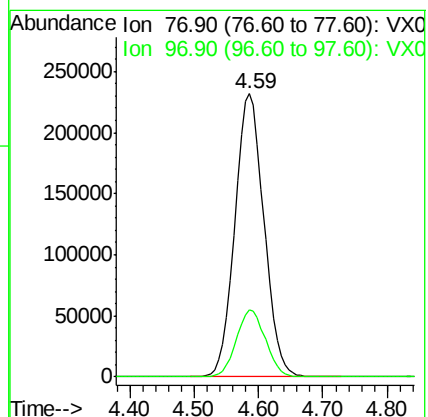
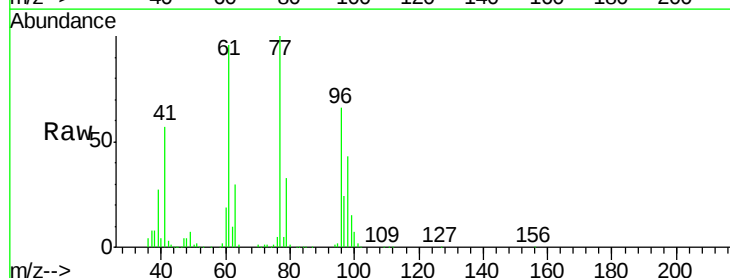
Acq: 14 May 2018 19:10

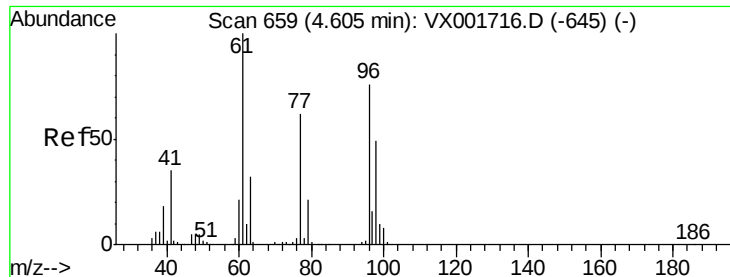
Tgt Ion: 77 Resp: 727074

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.8



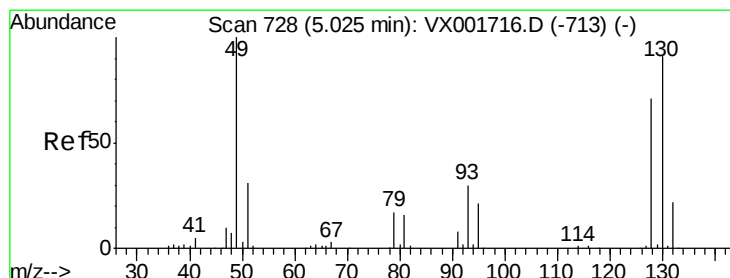
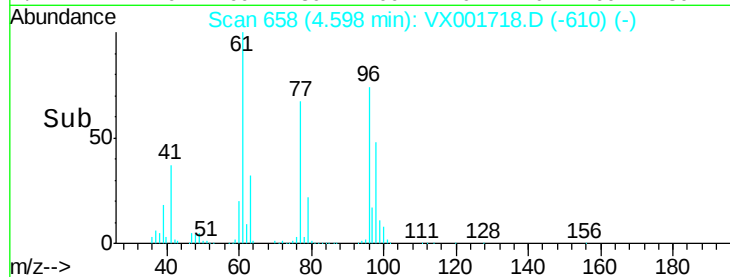
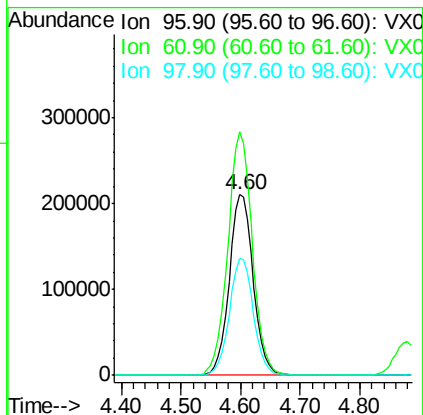
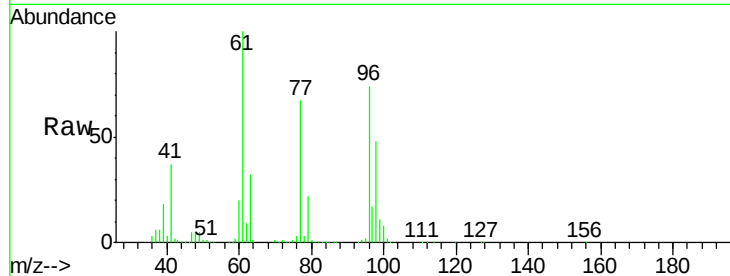


#27

cis-1,2-Dichloroethene
Concen: 138.96 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

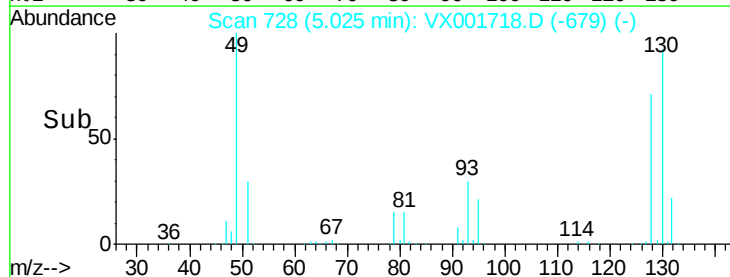
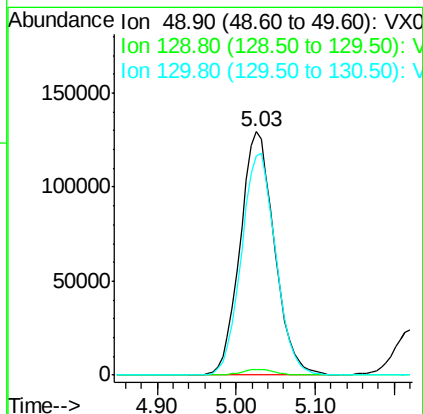
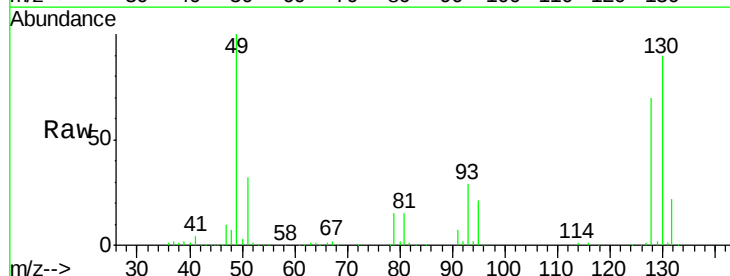
Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	280.4
98	65.0	0.0	128.4

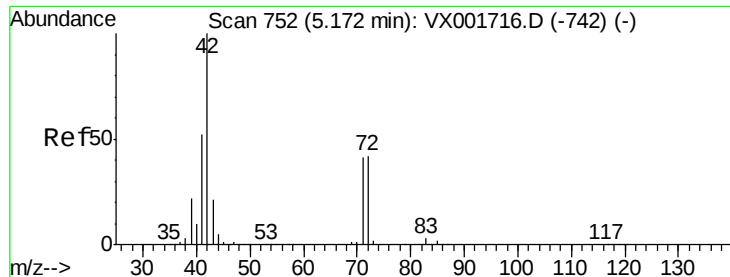


#28

Bromochloromethane
Concen: 130.31 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	91.2	71.8	107.6





#29

Tetrahydrofuran

Concen: 687.14 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

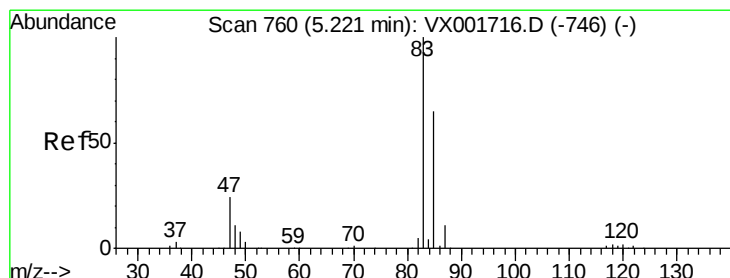
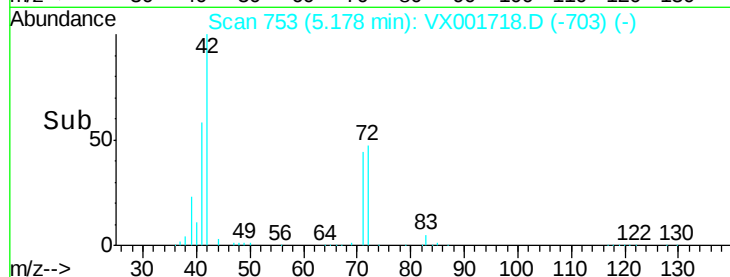
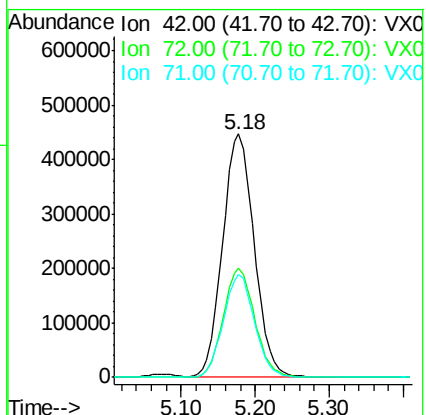
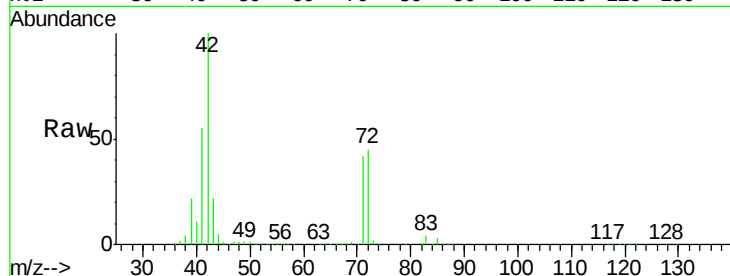
Tgt Ion: 42 Resp: 1317736

Ion Ratio Lower Upper

42 100

72 44.9 35.4 53.2

71 41.9 33.2 49.8



#30

Chloroform

Concen: 131.93 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001718.D

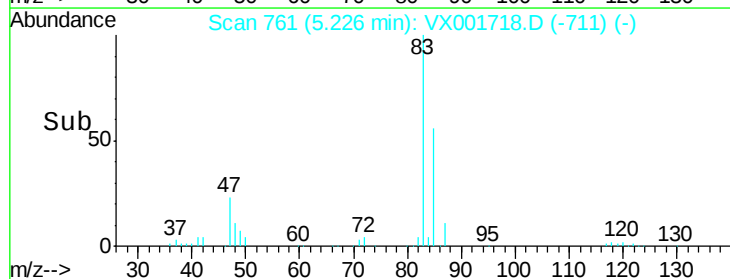
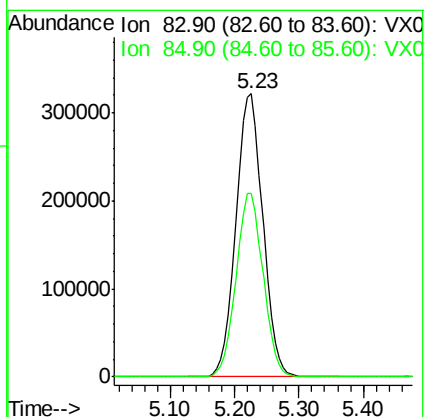
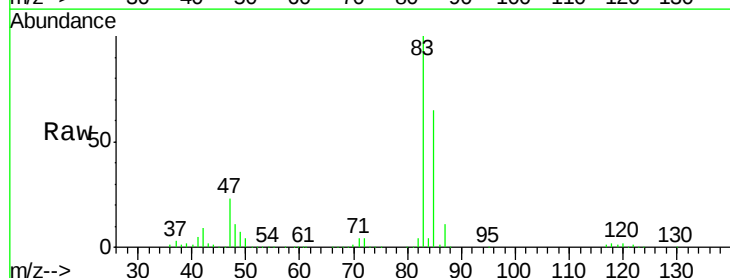
Acq: 14 May 2018 19:10

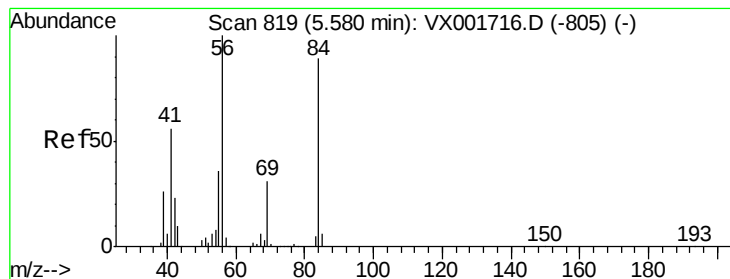
Tgt Ion: 83 Resp: 932493

Ion Ratio Lower Upper

83 100

85 64.9 52.3 78.5





#31

Cyclohexane

Concen: 137.91 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

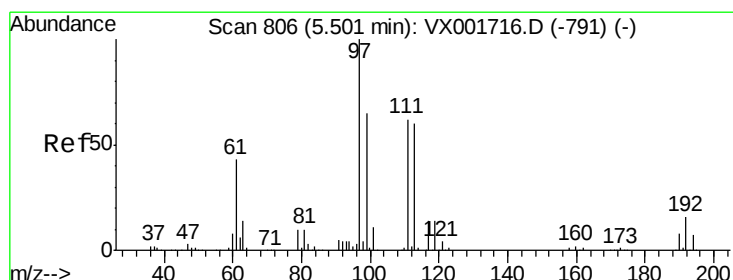
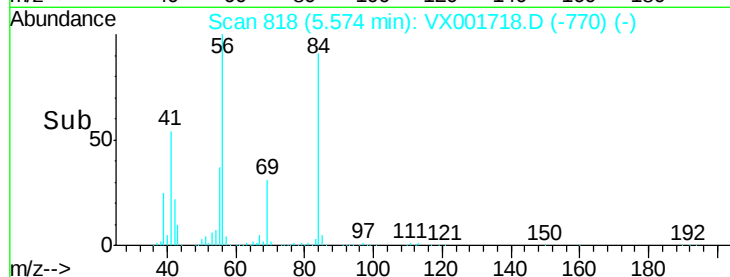
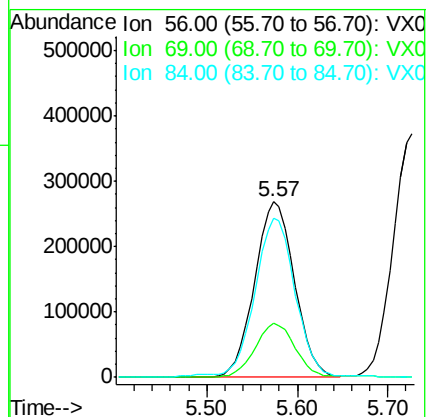
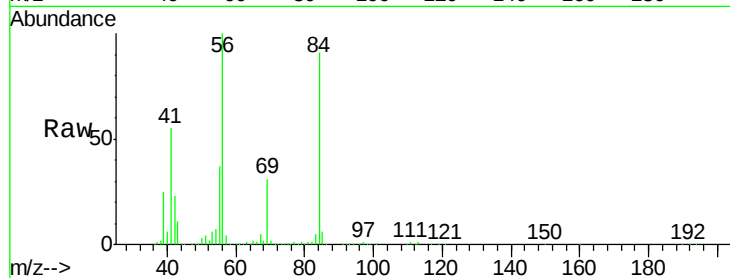
Tgt Ion: 56 Resp: 815737

Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.6

84 89.6 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 135.90 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

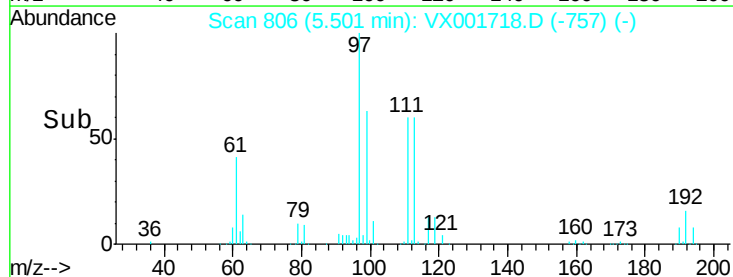
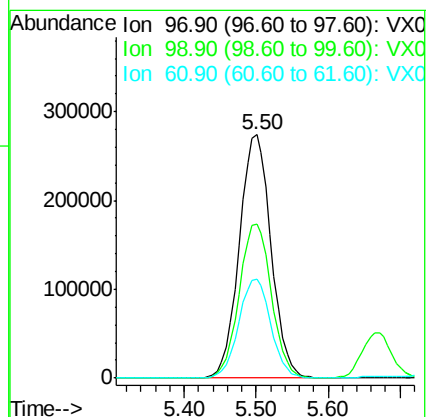
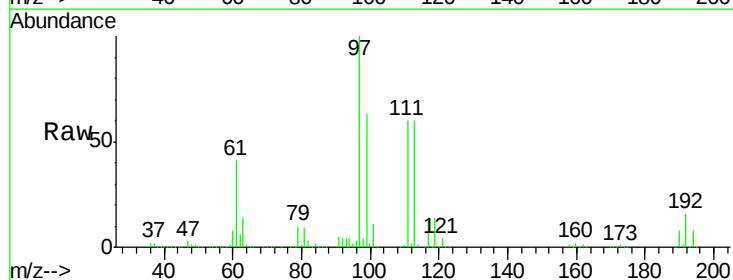
Tgt Ion: 97 Resp: 838356

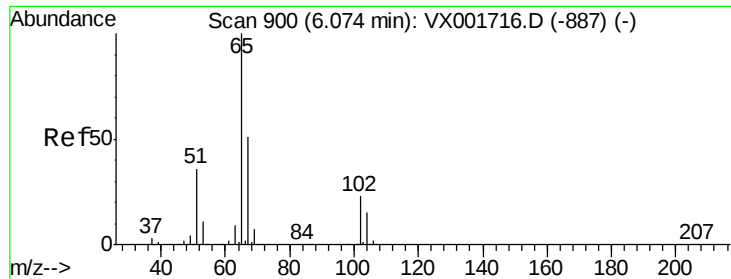
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 41.2 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 130.97 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

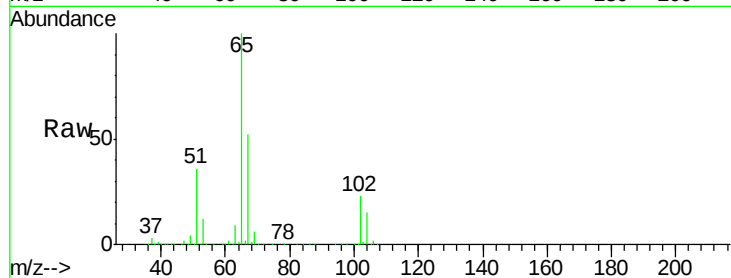
VSTDIC150

Tgt Ion: 65 Resp: 598393

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

250000

200000

150000

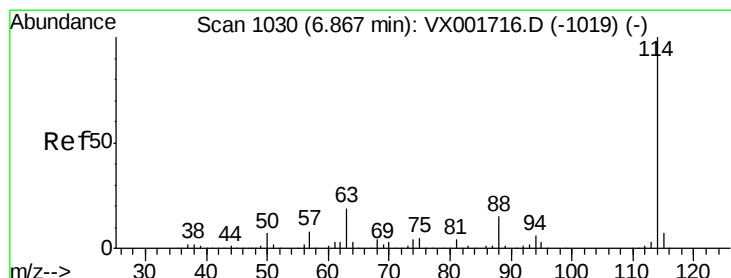
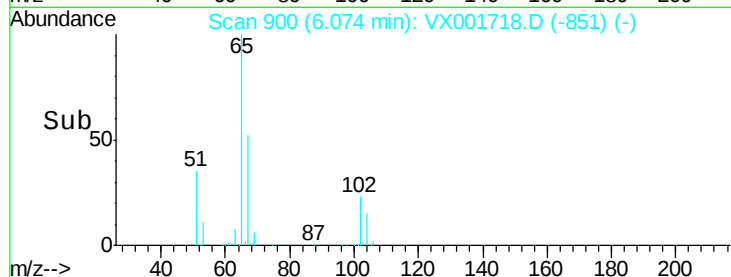
100000

50000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

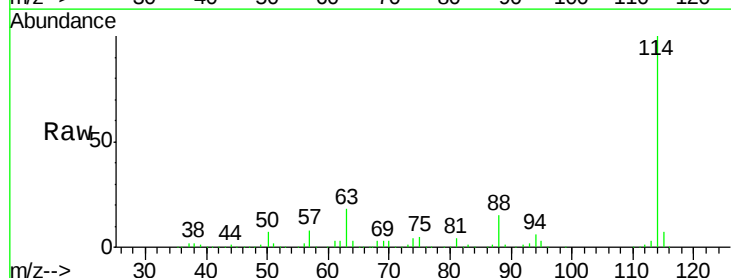
Tgt Ion: 114 Resp: 430731

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

88 14.7 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

6.87

250000

200000

150000

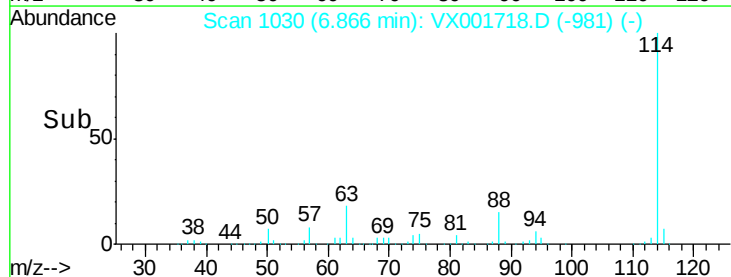
100000

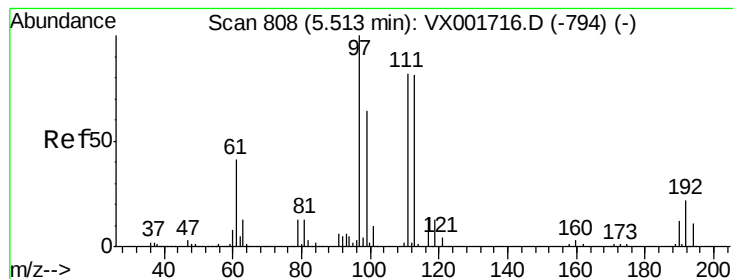
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 137.05 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

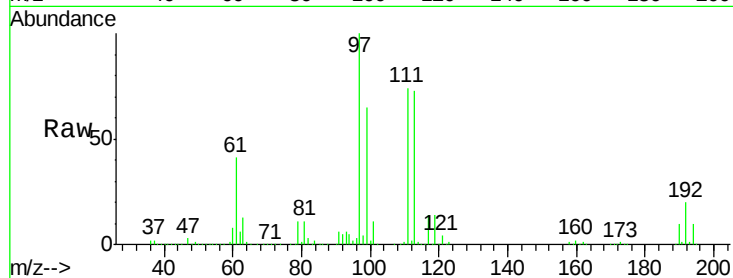
Tgt Ion:113 Resp: 518871

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

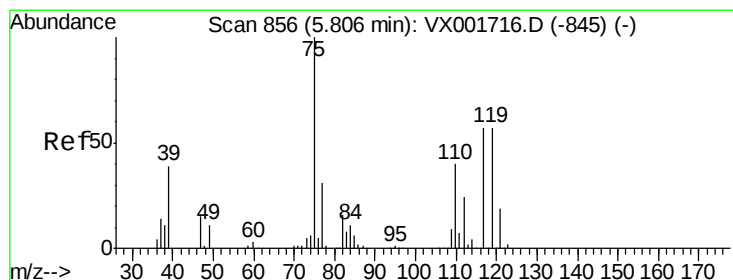
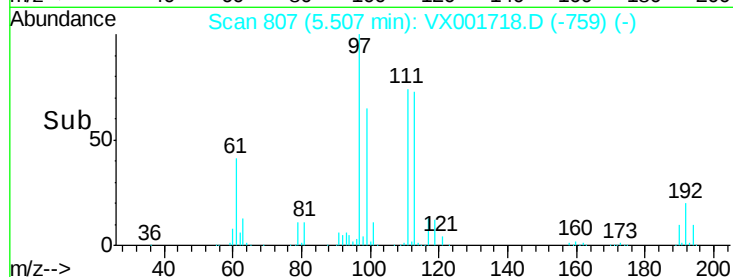
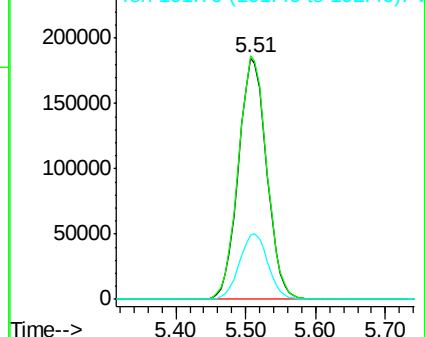
192 27.5 21.6 32.4



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: 130.94 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

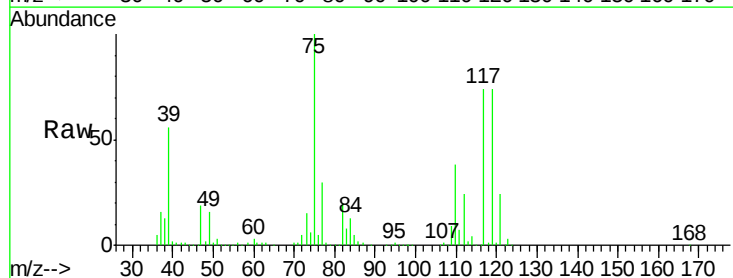
Tgt Ion: 75 Resp: 706925

Ion Ratio Lower Upper

75 100

110 38.0 19.1 57.1

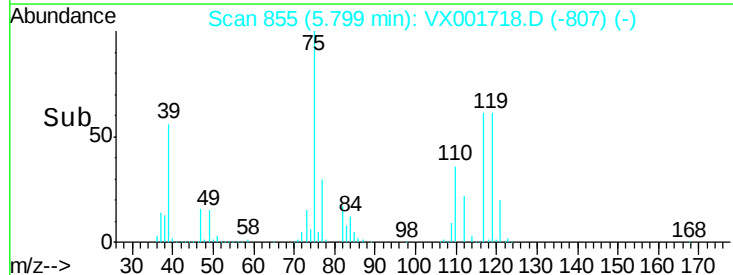
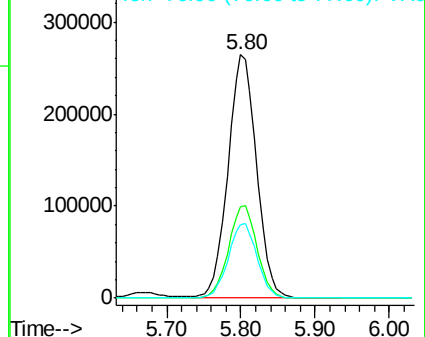
77 30.8 24.6 37.0

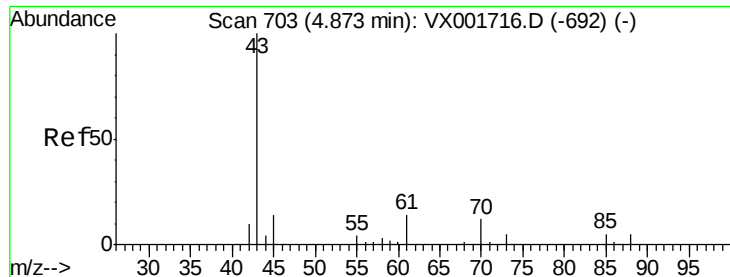


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

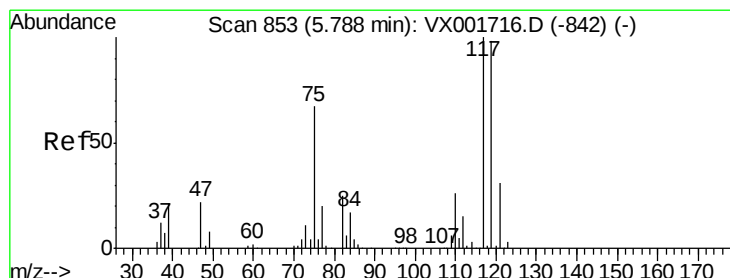
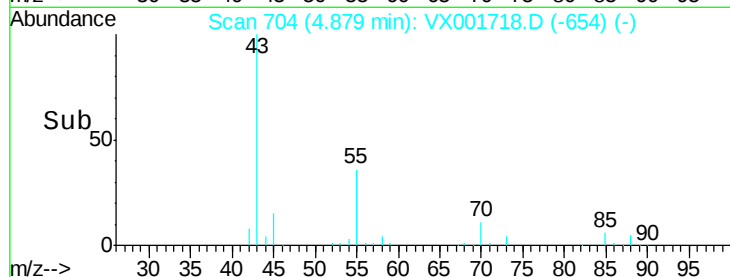
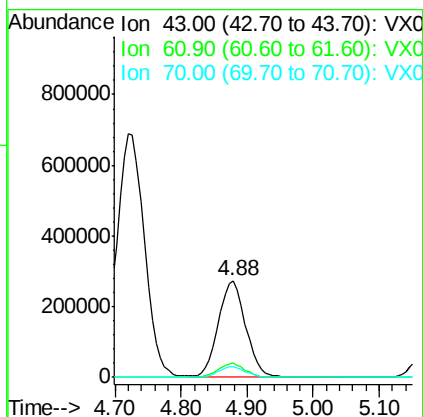
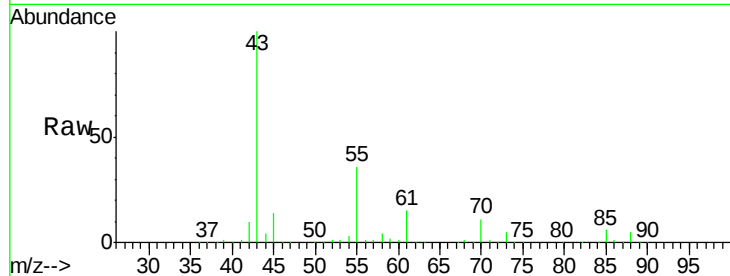




#37
Ethyl Acetate
Concen: 133.67 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

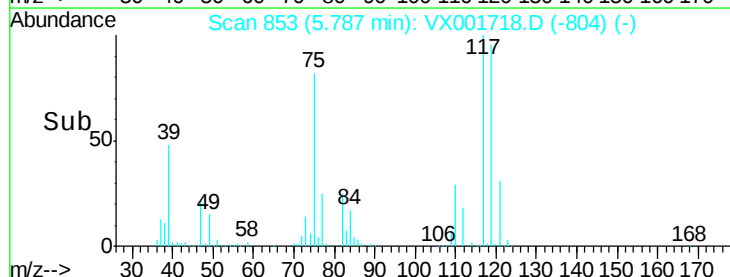
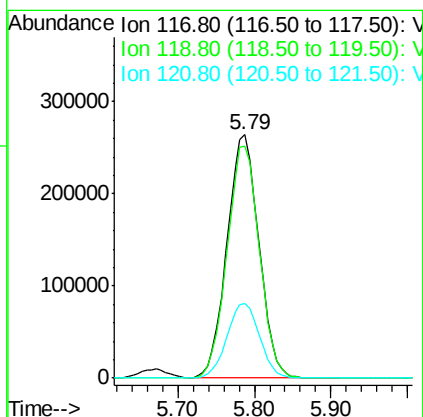
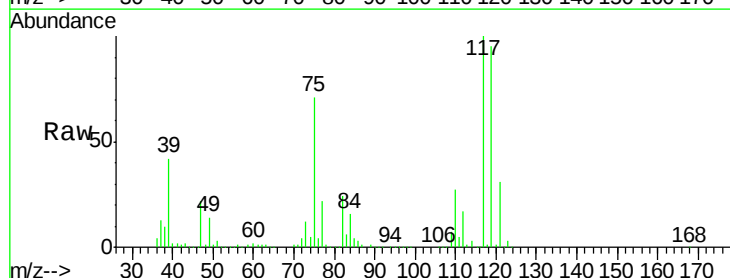
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

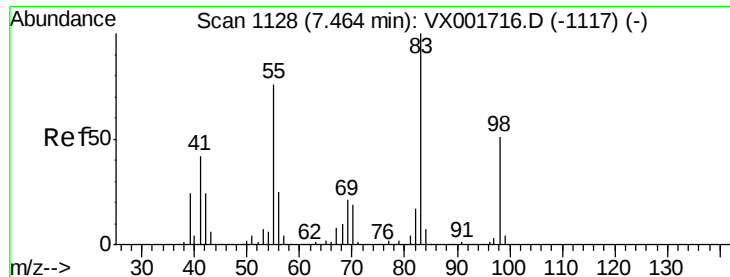
Tgt Ion: 43 Resp: 785265
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 133.23 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion: 117 Resp: 762298
Ion Ratio Lower Upper
117 100
119 95.4 77.6 116.4
121 30.8 24.6 36.8

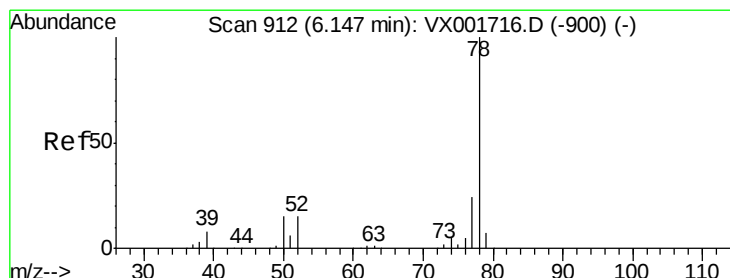
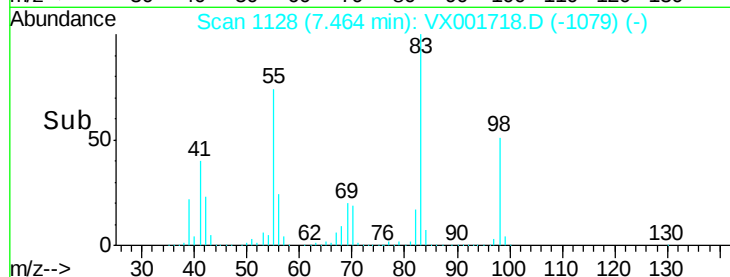
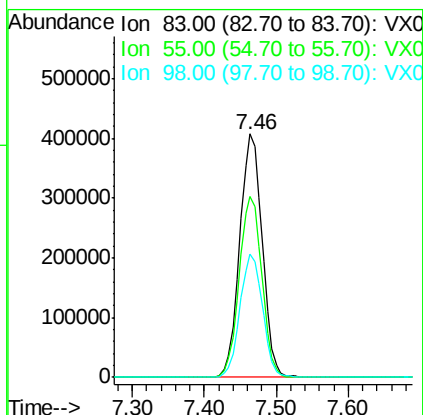
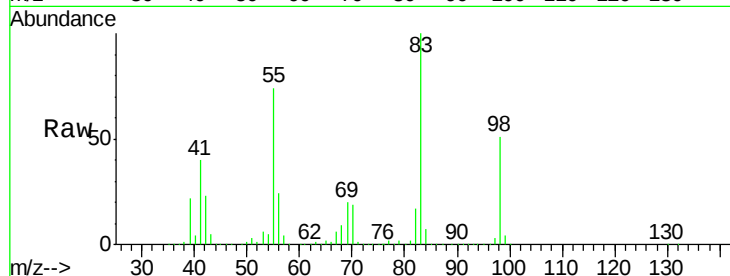




#39
Methylcyclohexane
Concen: 137.94 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

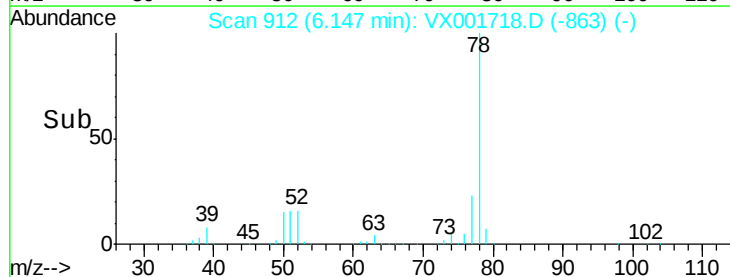
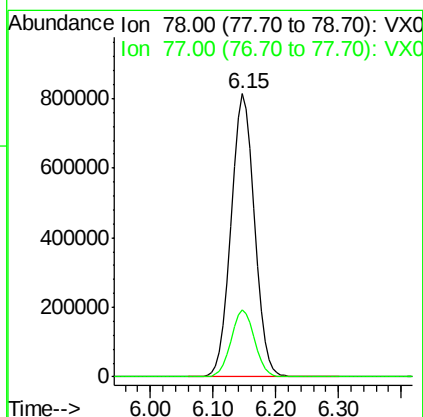
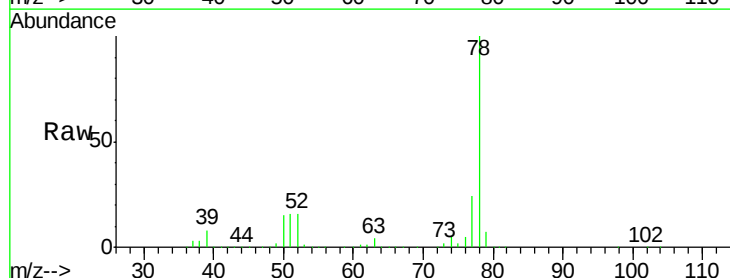
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

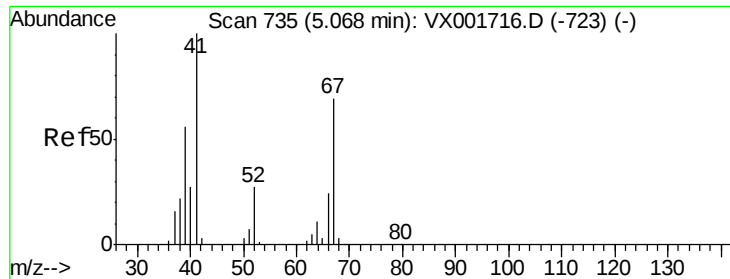
Tgt Ion: 83 Resp: 880480
Ion Ratio Lower Upper
83 100
55 74.1 60.6 90.8
98 50.9 40.4 60.6



#40
Benzene
Concen: 133.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion: 78 Resp: 2107160
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41

Methacrylonitrile

Concen: 133.80 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 451089

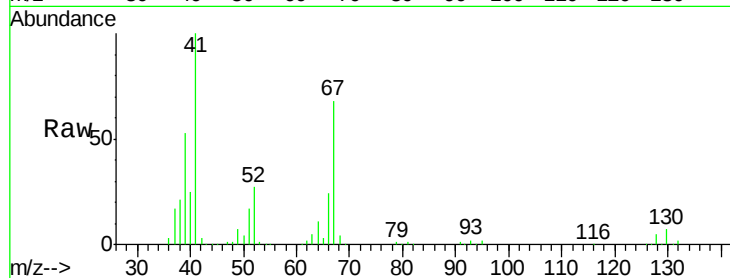
Ion Ratio Lower Upper

41 100

39 53.8 44.2 66.4

67 69.5 56.0 84.0

52 27.5 22.6 33.8

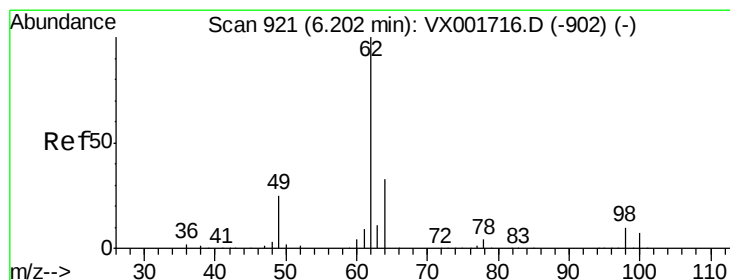
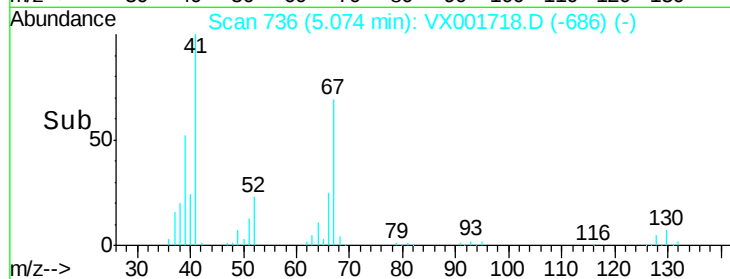
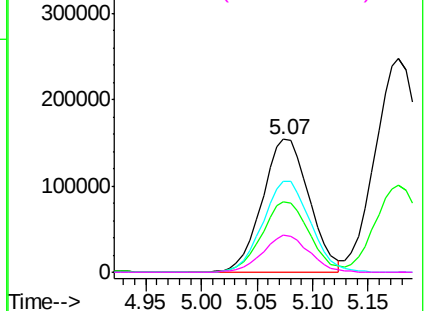


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 123.75 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX001718.D

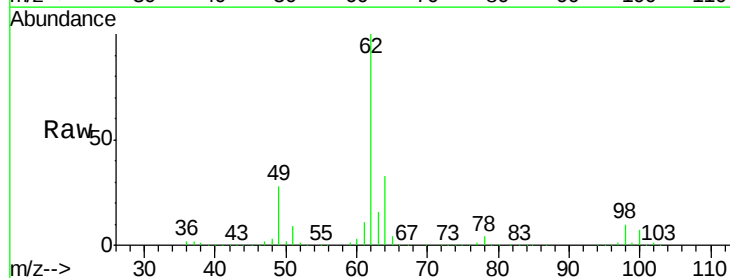
Acq: 14 May 2018 19:10

Tgt Ion: 62 Resp: 742423

Ion Ratio Lower Upper

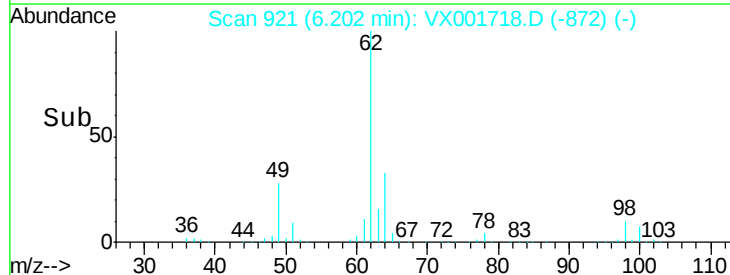
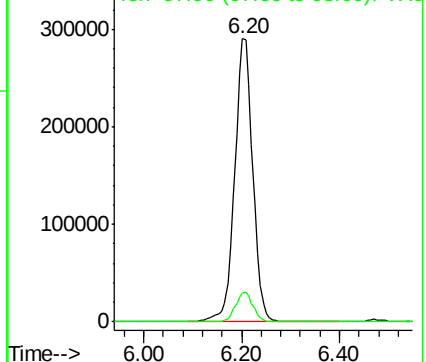
62 100

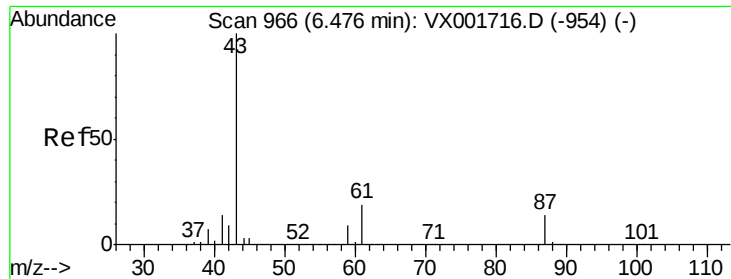
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 142.67 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

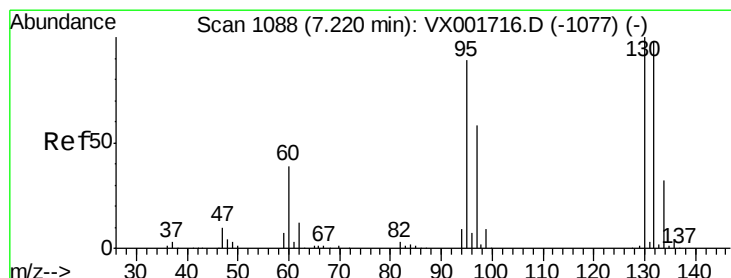
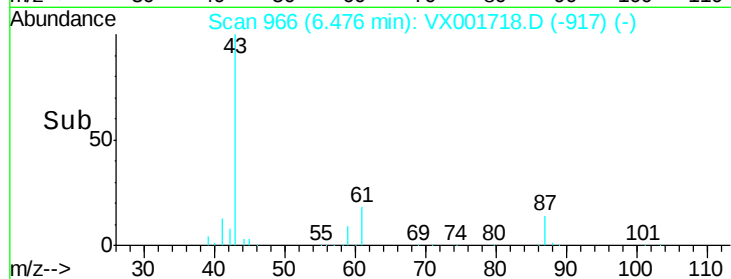
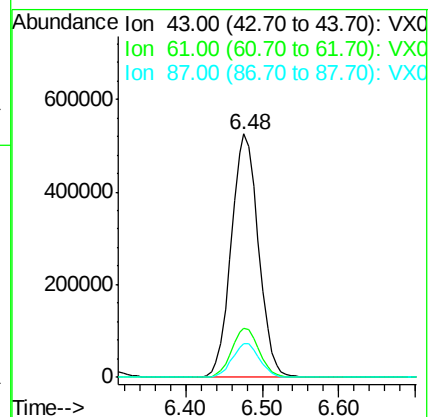
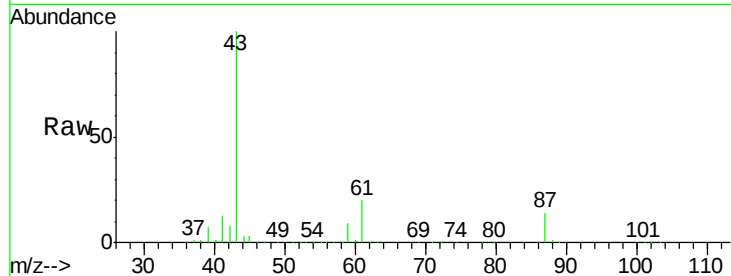
Tgt Ion: 43 Resp: 1287808

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.8

87 14.1 11.0 16.4



#44

Trichloroethene

Concen: 133.24 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001718.D

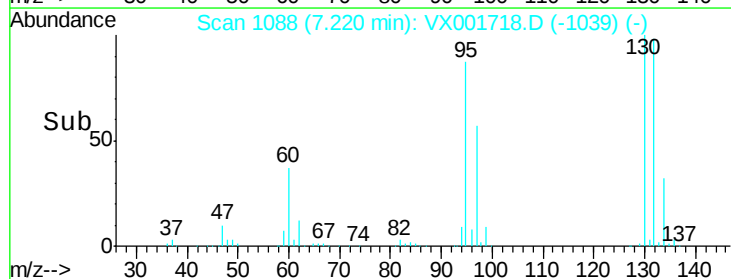
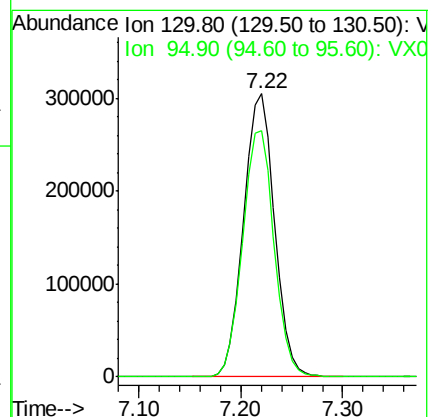
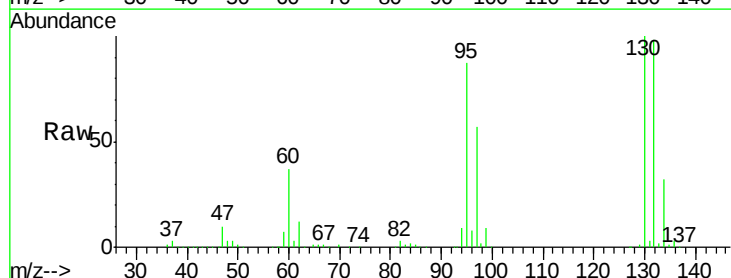
Acq: 14 May 2018 19:10

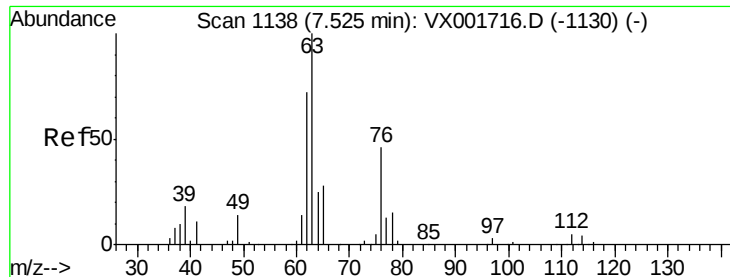
Tgt Ion: 130 Resp: 645496

Ion Ratio Lower Upper

130 100

95 86.9 0.0 177.2





#45

1,2-Dichloropropane

Concen: 135.80 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

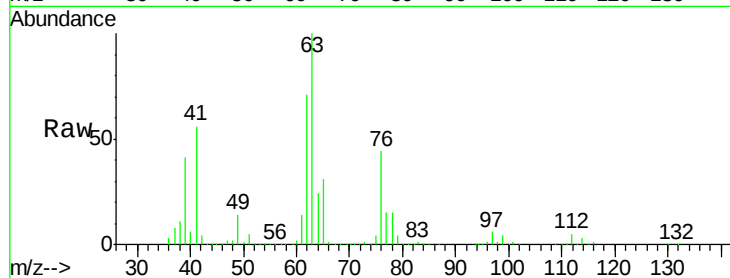
VSTDIC150

Tgt Ion: 63 Resp: 534052

Ion Ratio Lower Upper

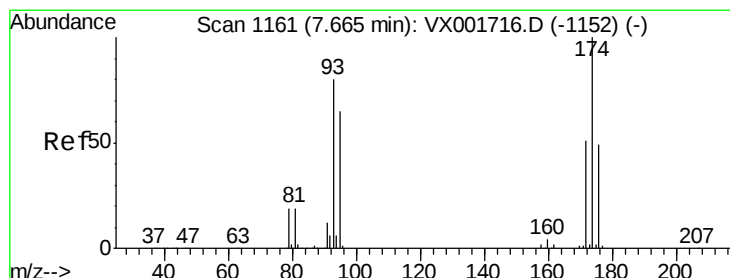
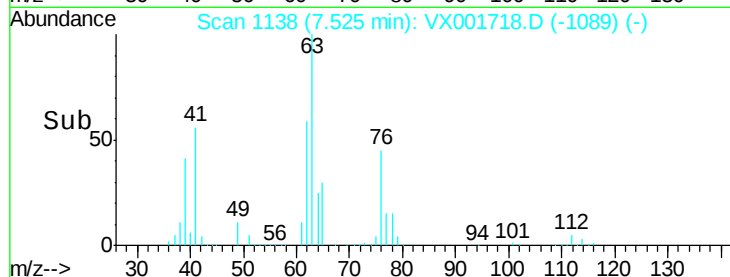
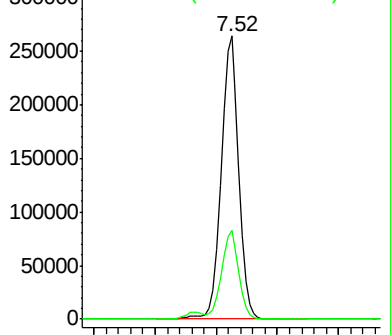
63 100

65 31.3 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 131.35 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

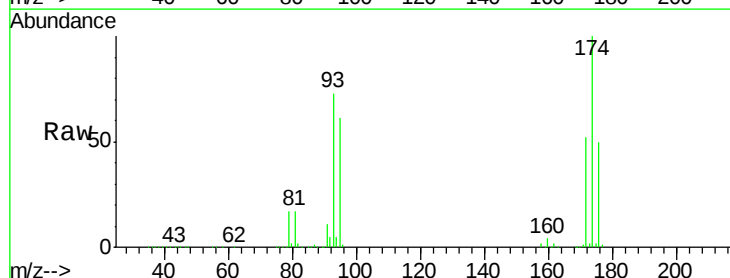
Tgt Ion: 93 Resp: 364284

Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

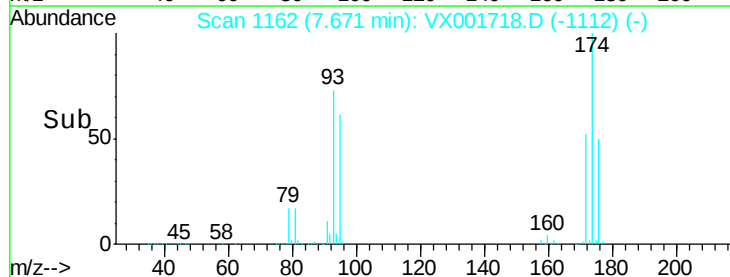
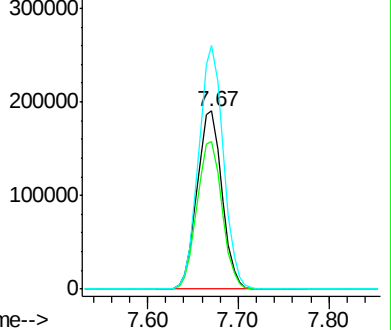
174 135.4 106.2 159.2

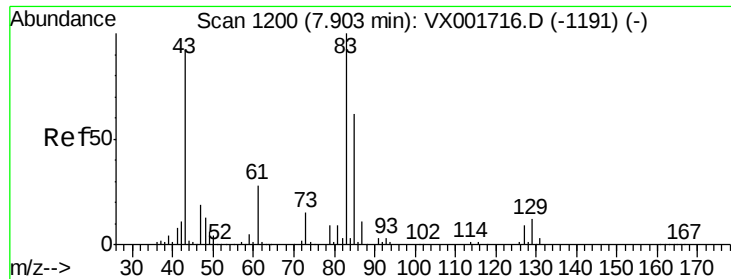


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 142.15 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

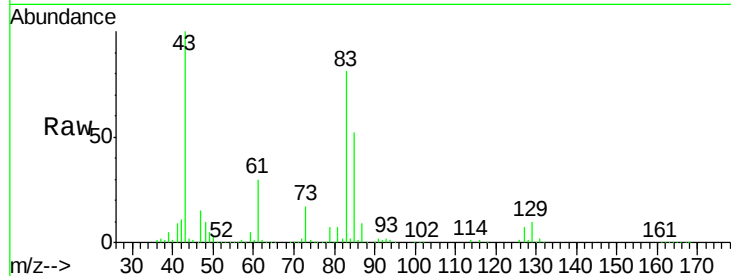
Tgt Ion: 83 Resp: 729035

Ion Ratio Lower Upper

83 100

85 63.5 49.6 74.4

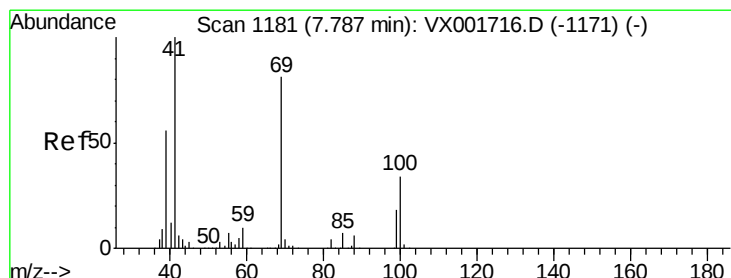
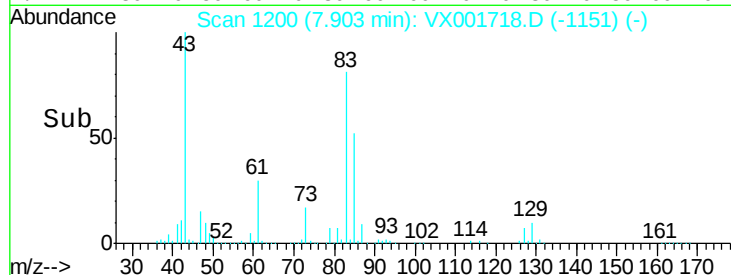
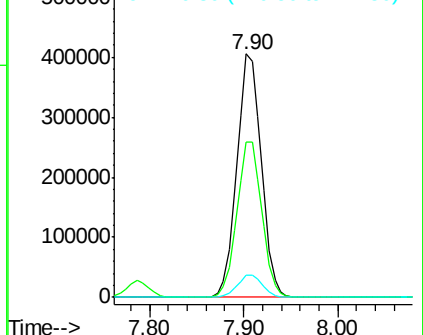
127 8.9 7.5 11.3



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: 139.36 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

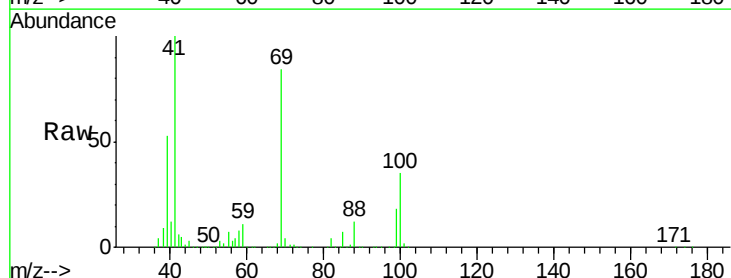
Tgt Ion: 41 Resp: 682720

Ion Ratio Lower Upper

41 100

69 82.8 65.2 97.8

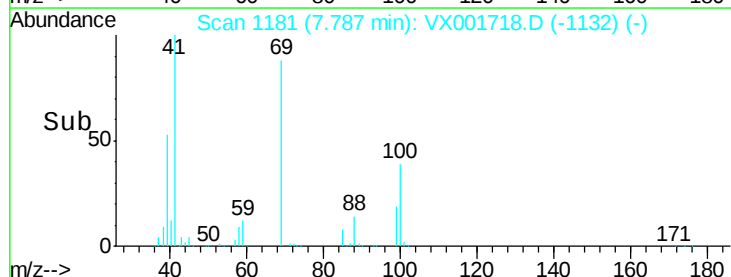
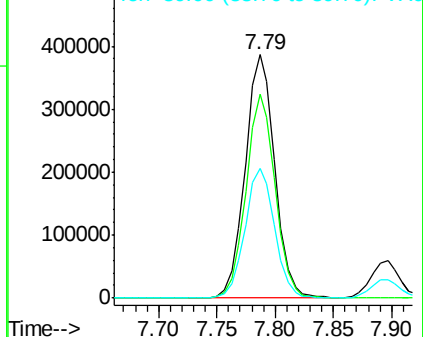
39 53.6 44.5 66.7

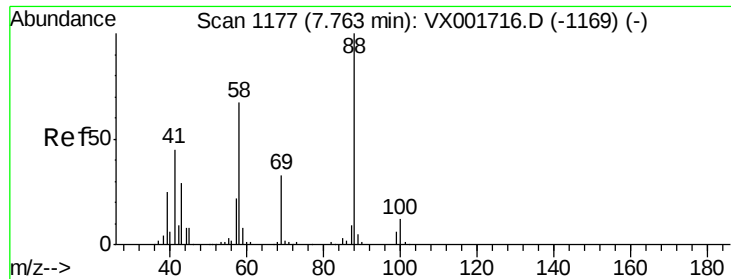


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

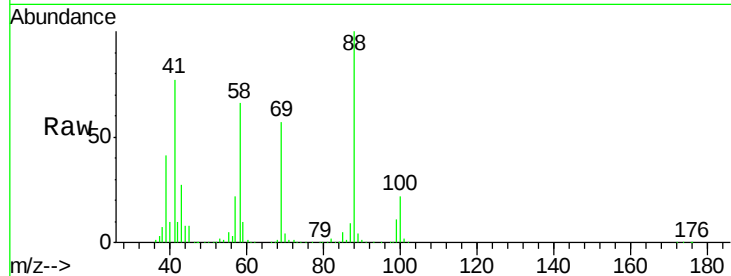




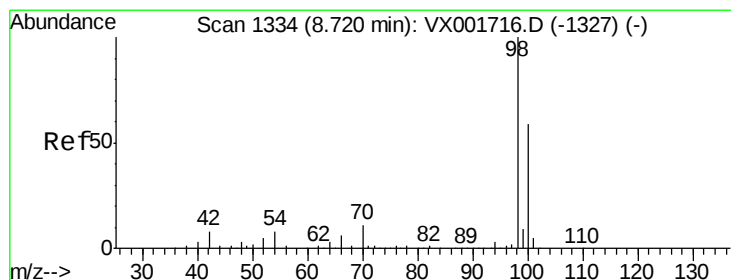
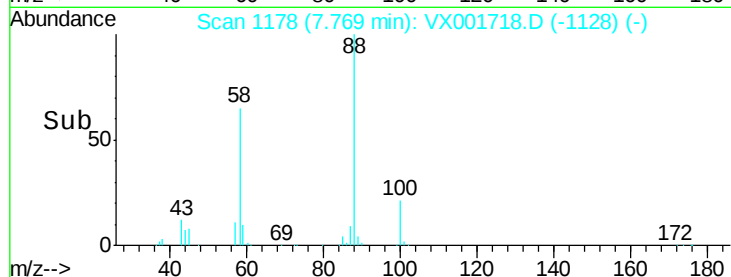
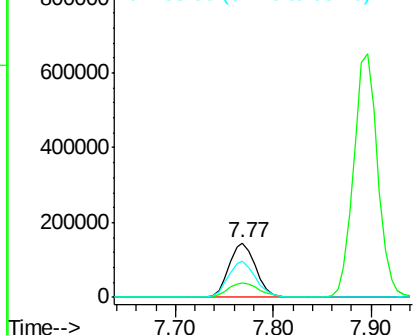
#49
1,4-Dioxane
Concen: 2654.56 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 274992
Ion Ratio Lower Upper
88 100
43 31.4 27.3 40.9
58 67.7 55.9 83.9

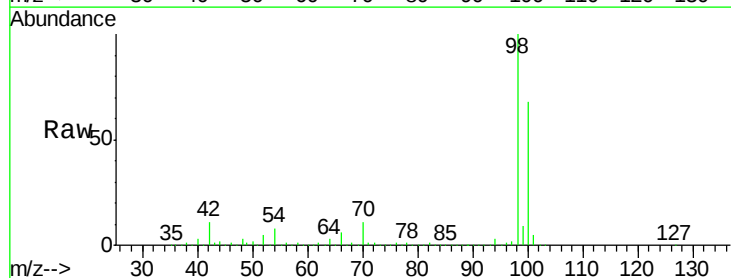


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

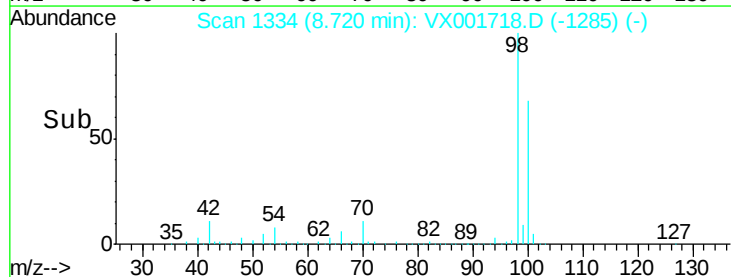
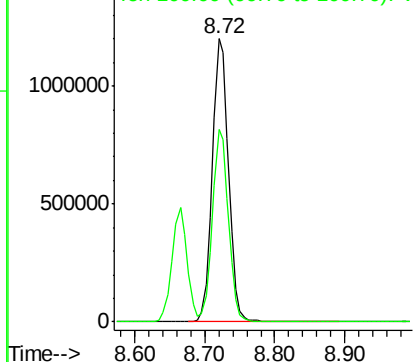


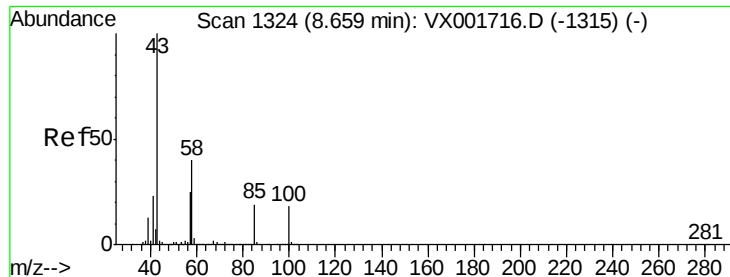
#50
Toluene-d8
Concen: 138.86 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion: 98 Resp: 1923621
Ion Ratio Lower Upper
98 100
100 67.4 54.0 81.0



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

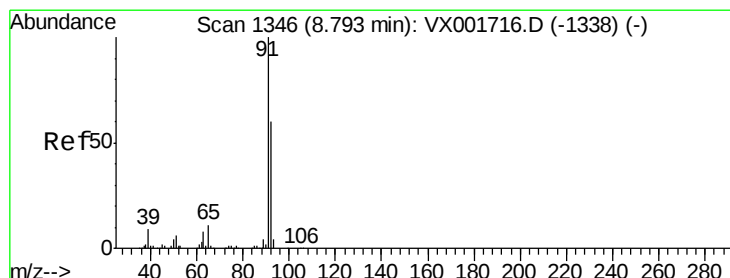
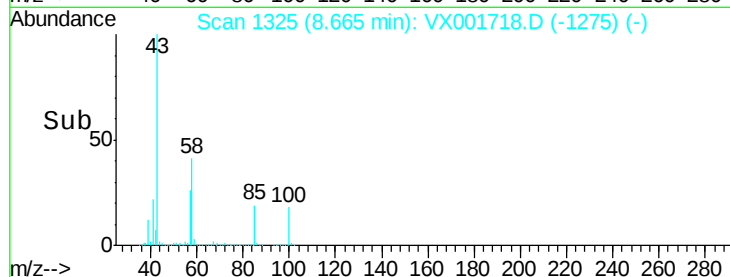
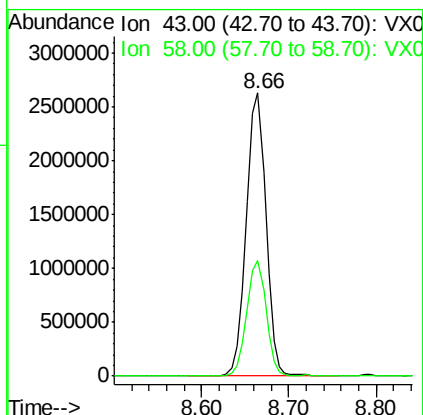
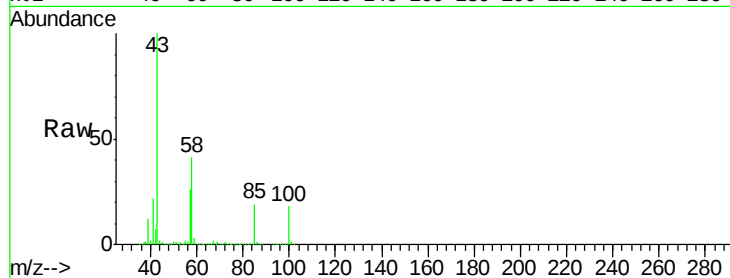




#51
 4-Methyl-2-Pentanone
 Concen: 685.35 ug/l
 RT: 8.66 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

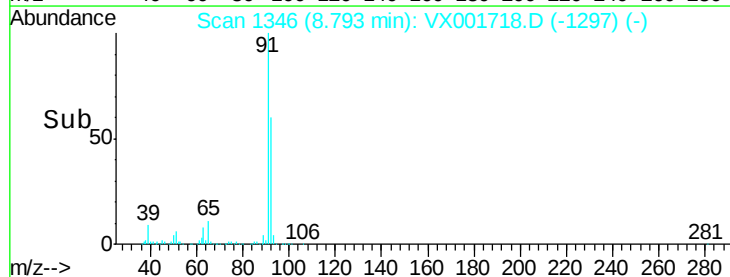
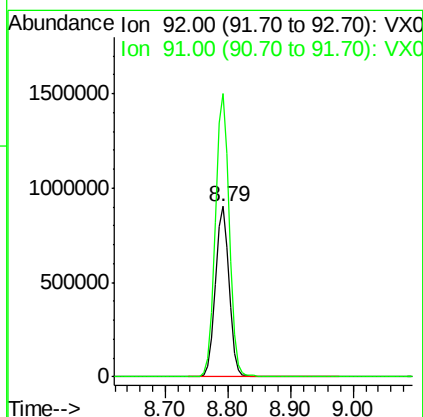
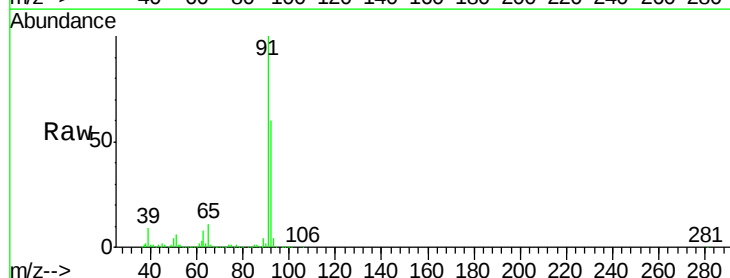
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

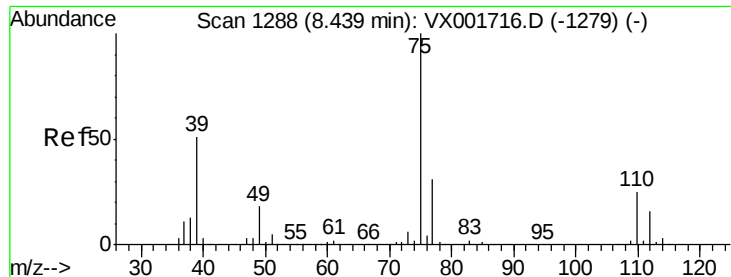
Tgt Ion: 43 Resp: 4098317
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.4 47.0



#52
 Toluene
 Concen: 132.57 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion: 92 Resp: 1366106
 Ion Ratio Lower Upper
 92 100
 91 168.3 135.5 203.3

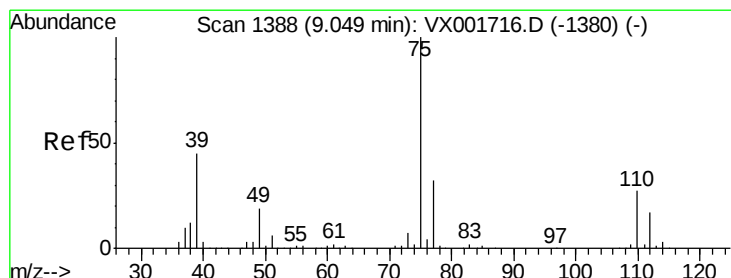
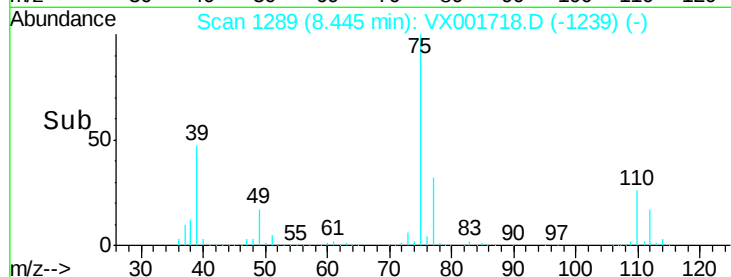
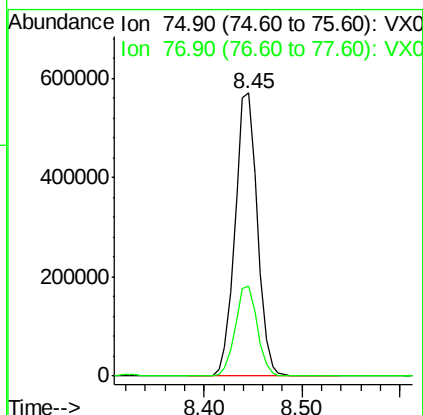
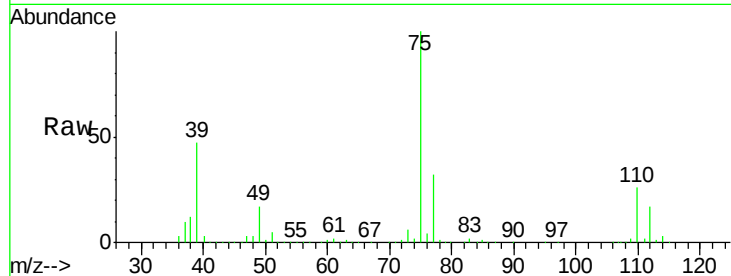




#53
 t-1,3-Dichloropropene
 Concen: 154.63 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

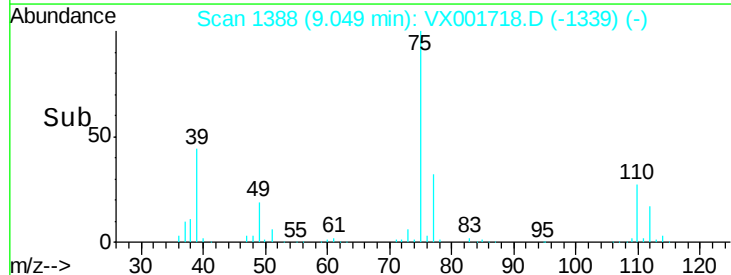
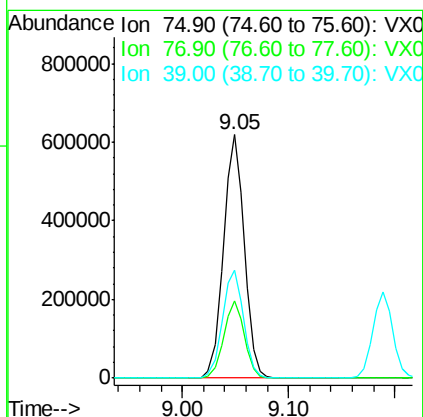
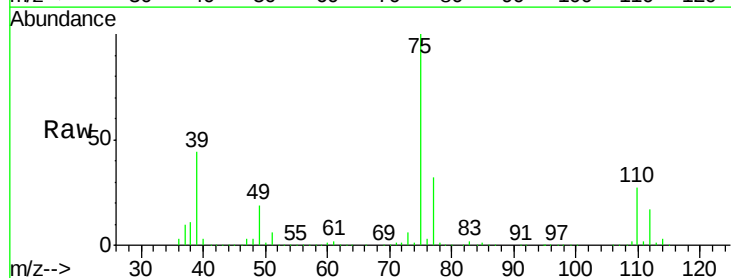
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

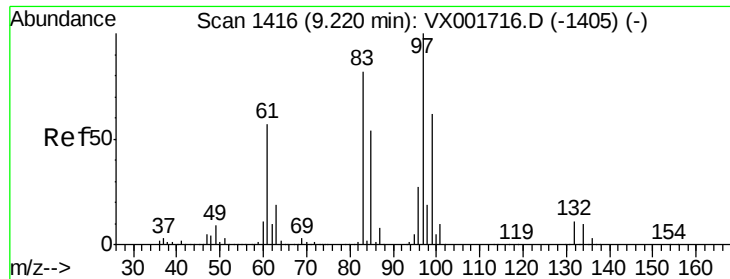
Tgt Ion: 75 Resp: 900650
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 161.47 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion: 75 Resp: 844390
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 44.1 36.1 54.1

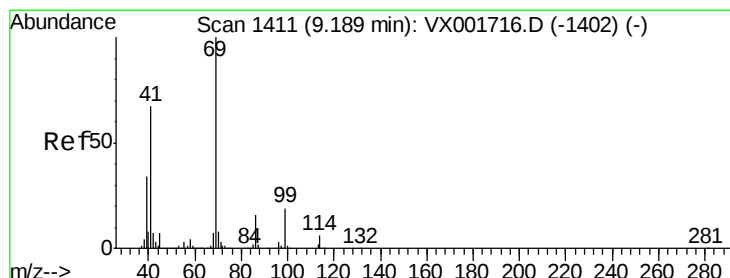
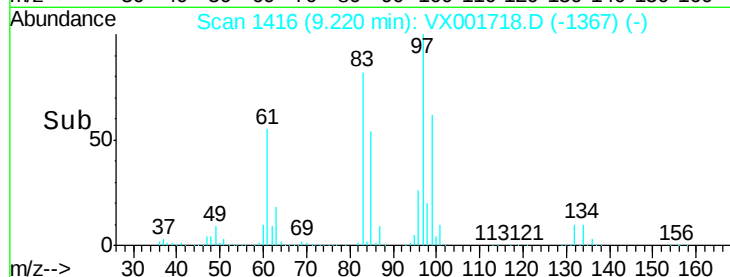
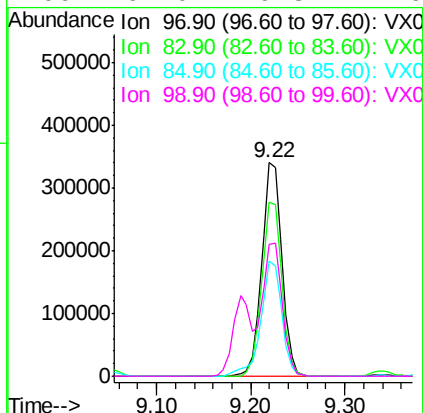
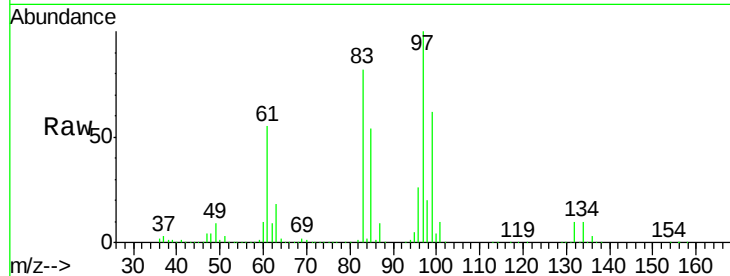




#55
 1,1,2-Trichloroethane
 Concen: 124.03 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

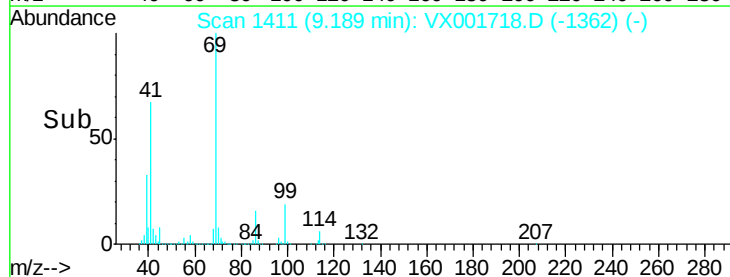
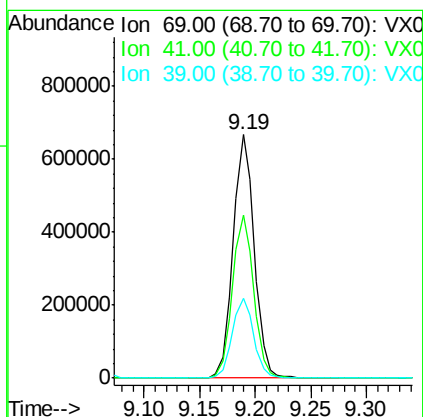
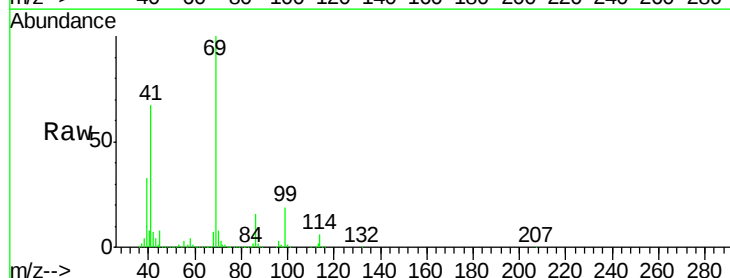
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

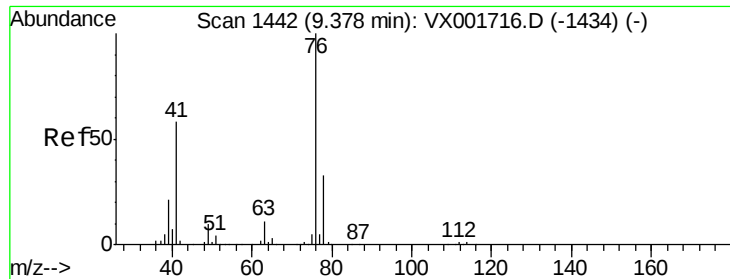
Tgt Ion:	97	Resp:	510451
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.8	98.8
85	53.9	43.4	65.0
99	62.0	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 148.15 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion:	69	Resp:	875677
Ion	Ratio	Lower	Upper
69	100		
41	67.3	53.5	80.3
39	33.3	27.2	40.8

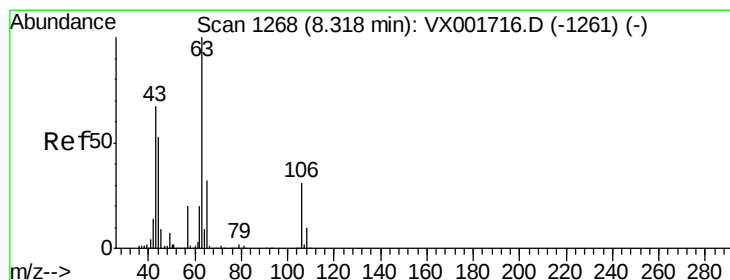
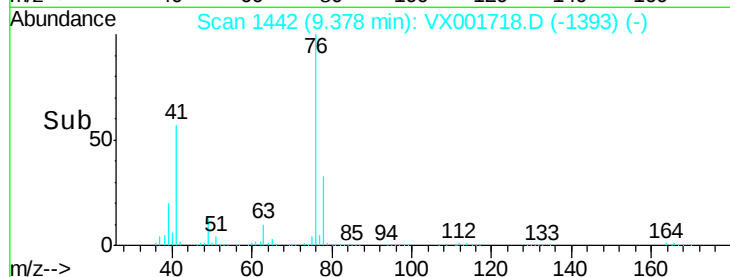
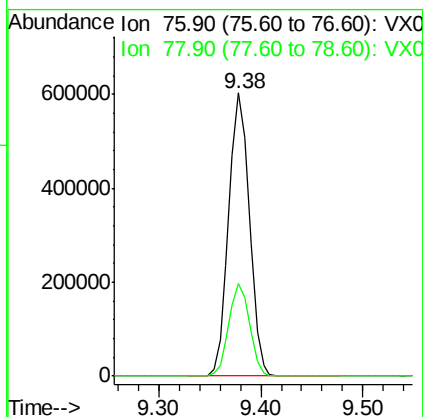
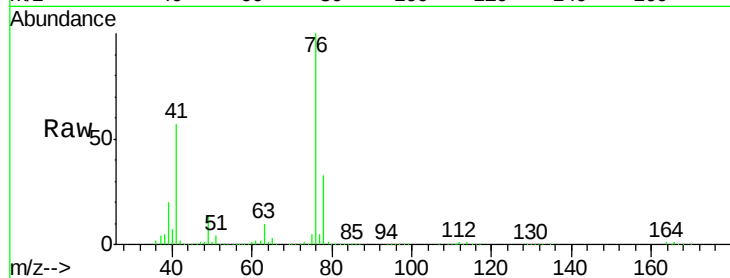




#57
 1,3-Dichloropropane
 Concen: 125.08 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

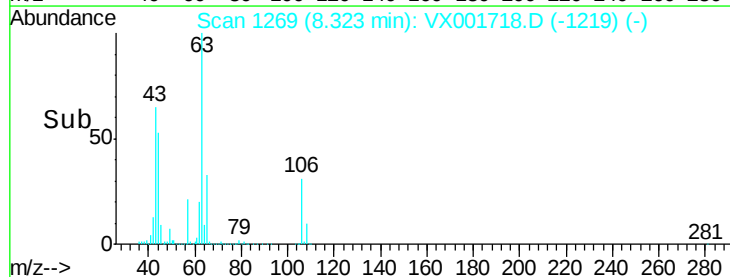
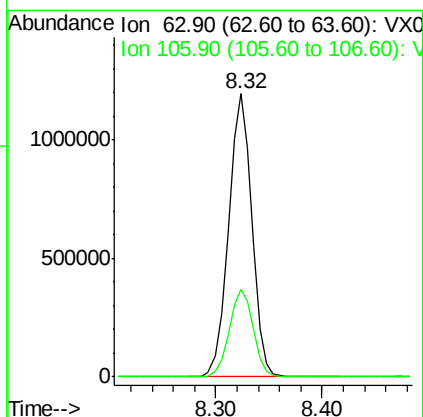
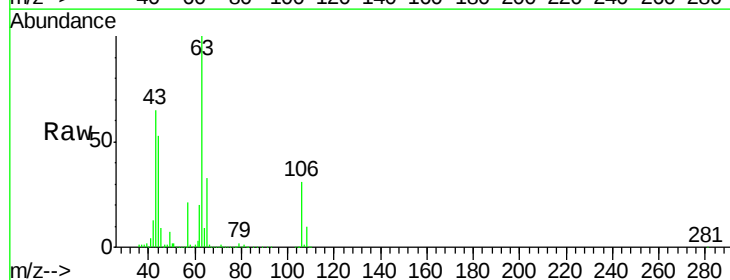
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

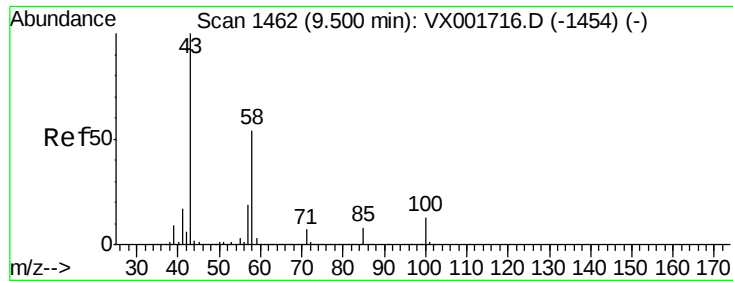
Tgt Ion: 76 Resp: 849528
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 622.95 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion: 63 Resp: 1823424
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.1 37.7

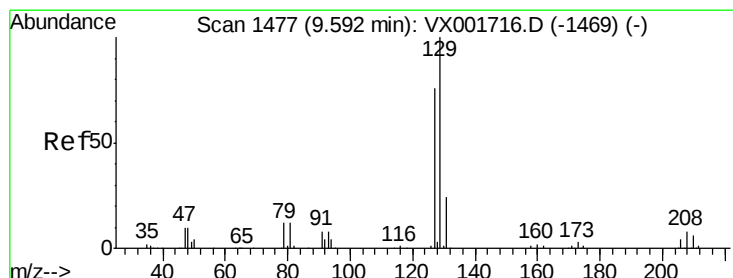
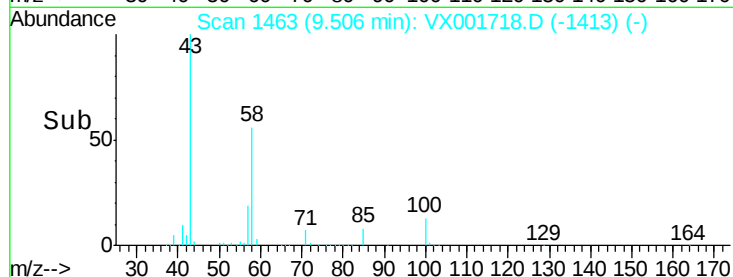
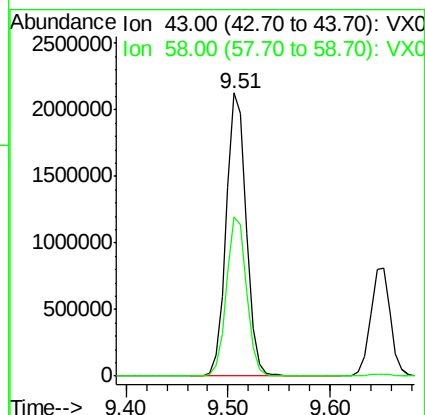
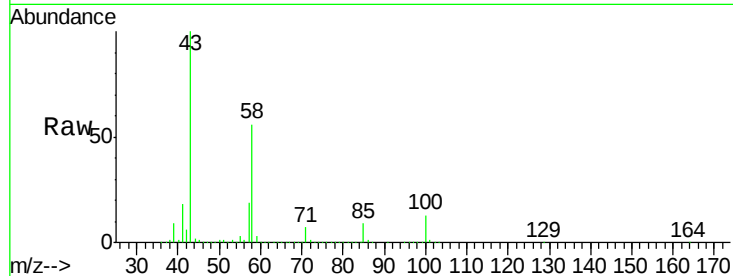




#59
2-Hexanone
Concen: 639.71 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

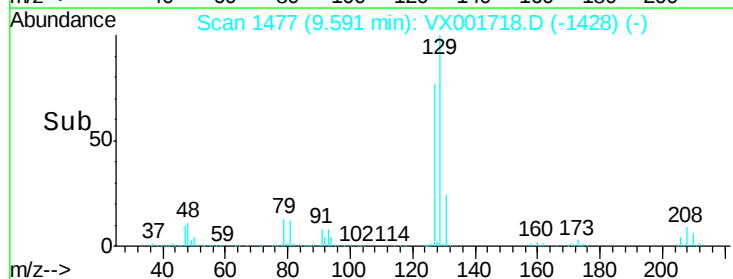
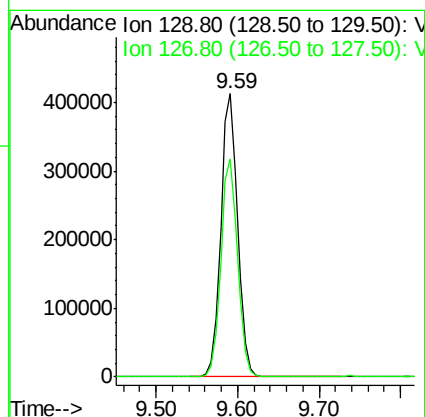
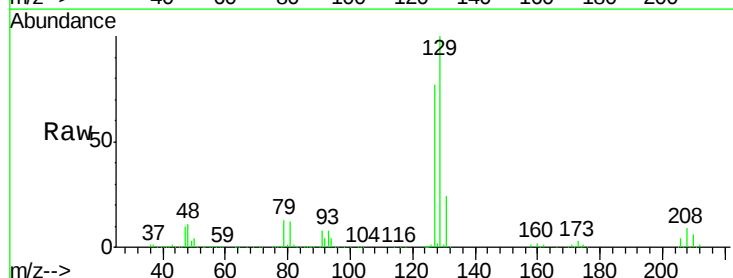
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

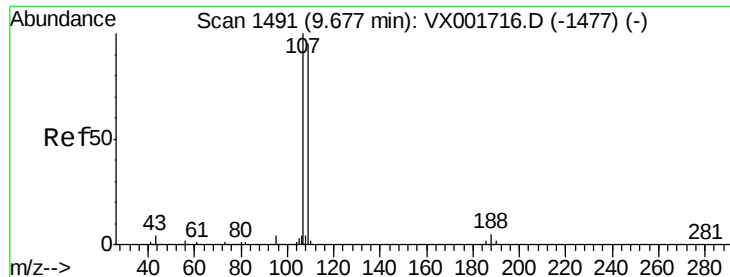
Tgt Ion: 43 Resp: 2892966
Ion Ratio Lower Upper
43 100
58 56.6 27.7 83.1



#60
Dibromochloromethane
Concen: 142.05 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion: 129 Resp: 594752
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

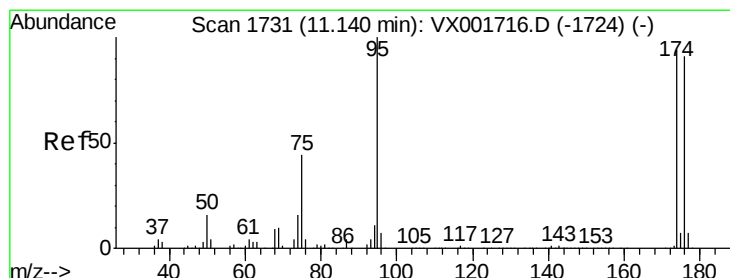
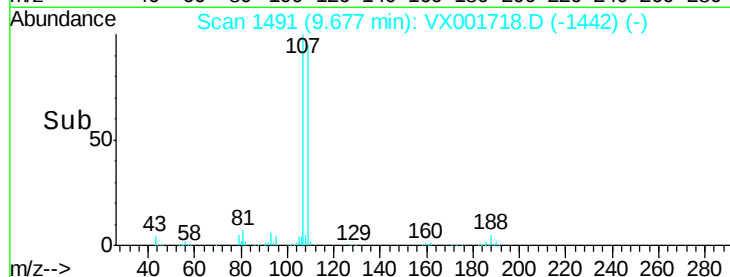
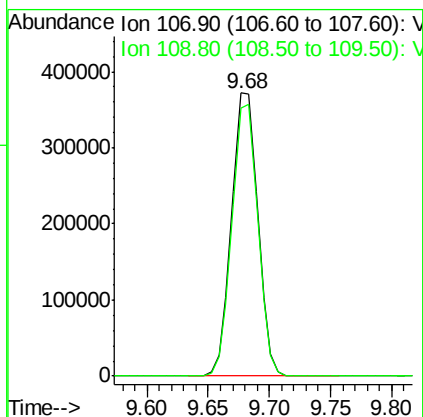
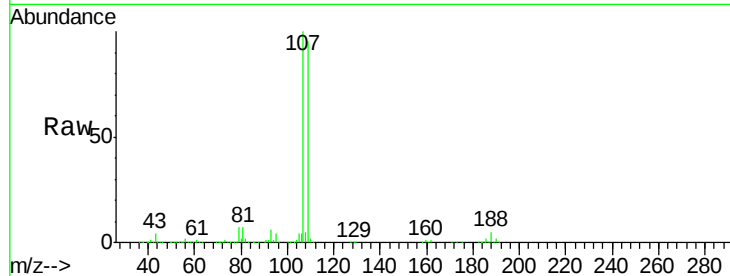




#61
 1,2-Dibromoethane
 Concen: 127.71 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

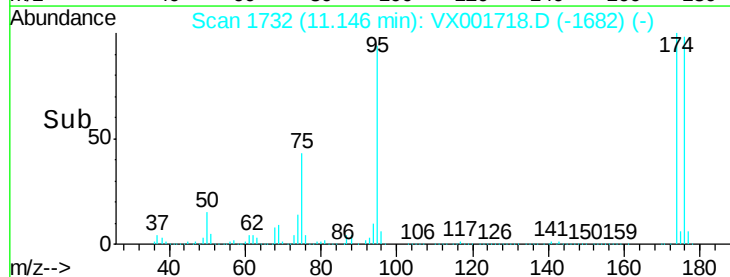
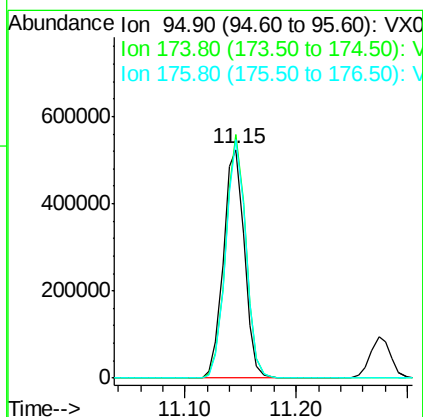
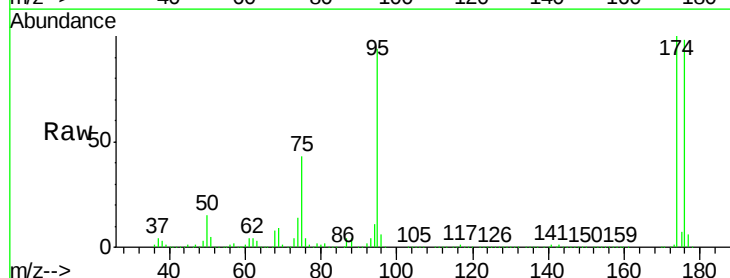
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

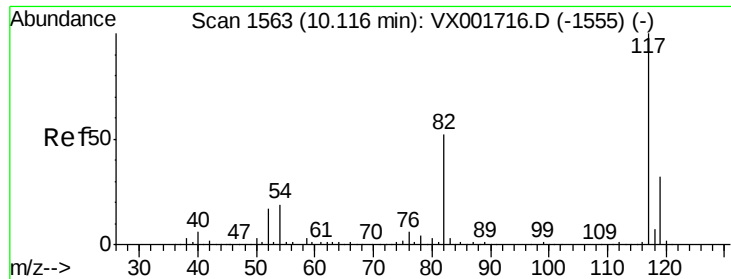
Tgt Ion: 107 Resp: 550059
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 130.92 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.01 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion: 95 Resp: 683123
 Ion Ratio Lower Upper
 95 100
 174 102.1 0.0 201.8
 176 99.9 0.0 196.8

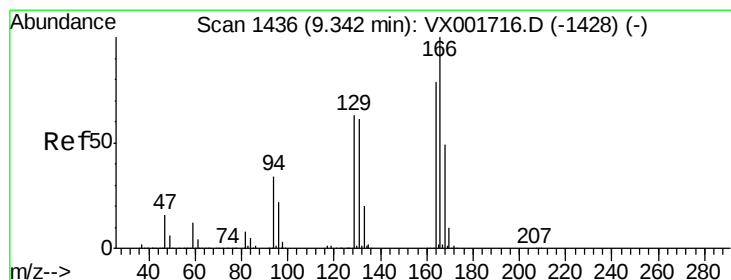
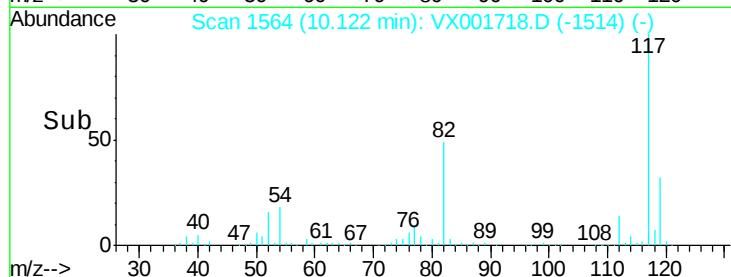
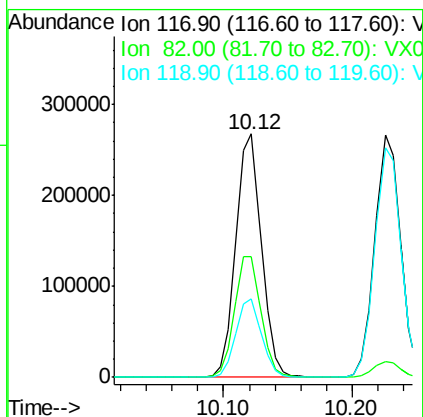
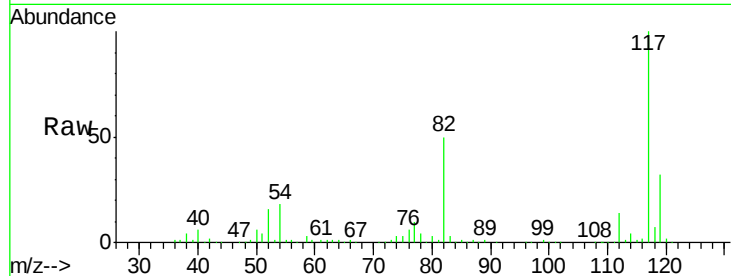




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

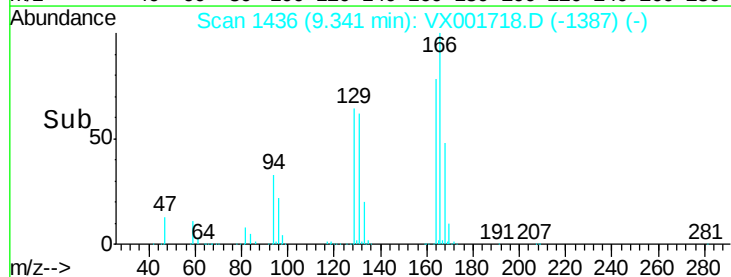
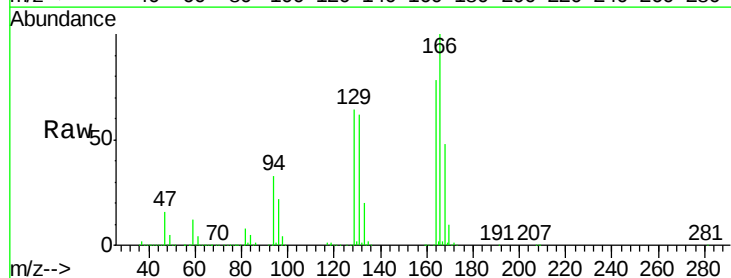
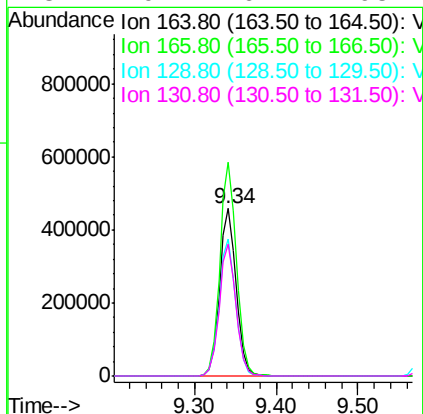
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

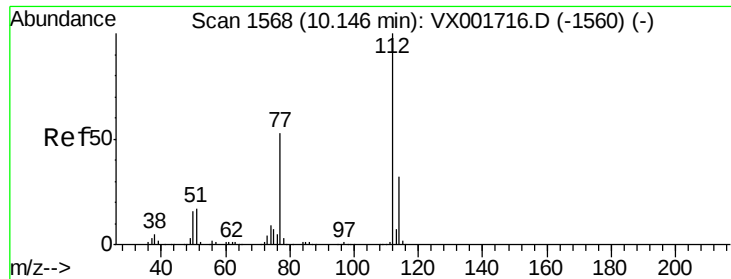
Tgt Ion:117 Resp: 372523
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 126.54 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion:164 Resp: 649043
Ion Ratio Lower Upper
164 100
166 127.8 101.8 152.8
129 81.6 63.8 95.6
131 79.2 62.2 93.2





#65

Chlorobenzene

Concen: 136.61 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

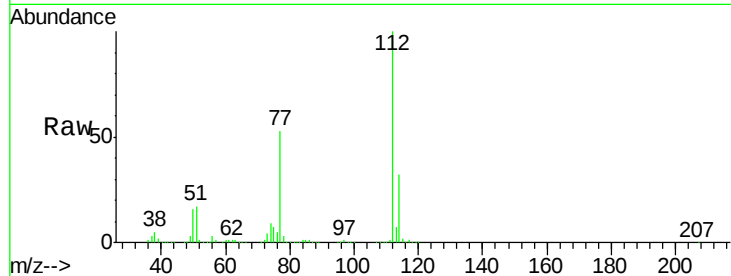
VSTDIC150

Tgt Ion:112 Resp: 1475933

Ion Ratio Lower Upper

112 100

114 32.2 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

1200000

1000000

800000

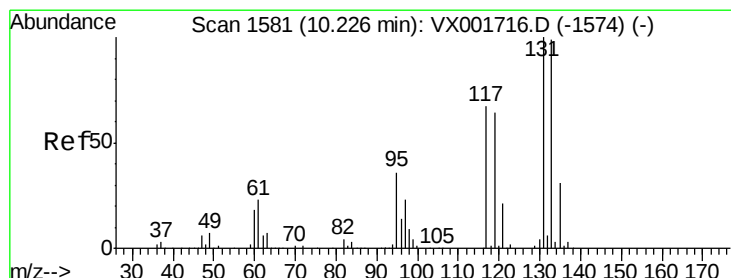
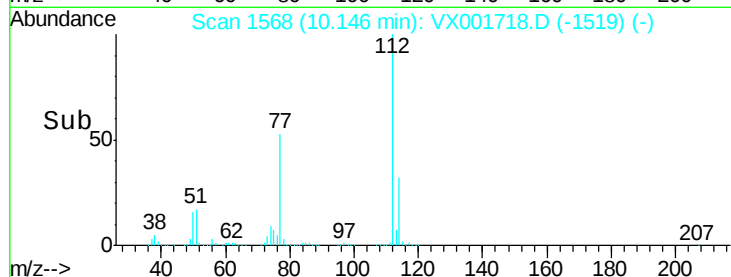
600000

400000

200000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 145.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

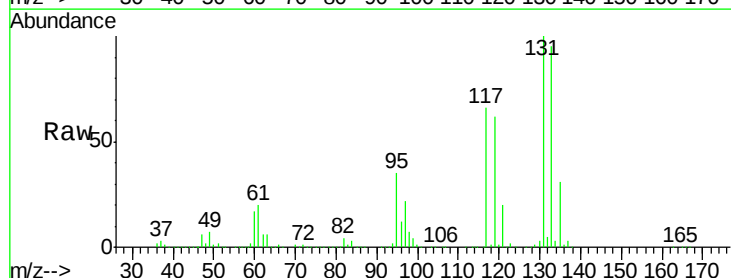
Tgt Ion:131 Resp: 562413

Ion Ratio Lower Upper

131 100

133 95.6 48.5 145.6

119 62.6 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

500000

400000

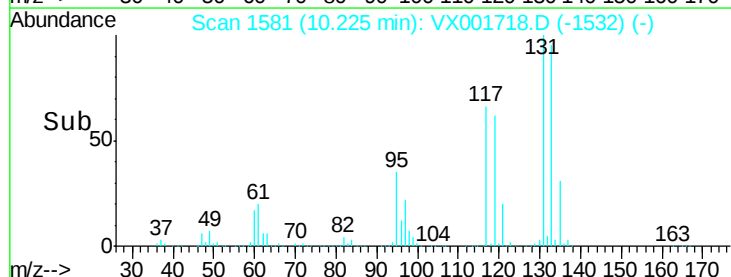
300000

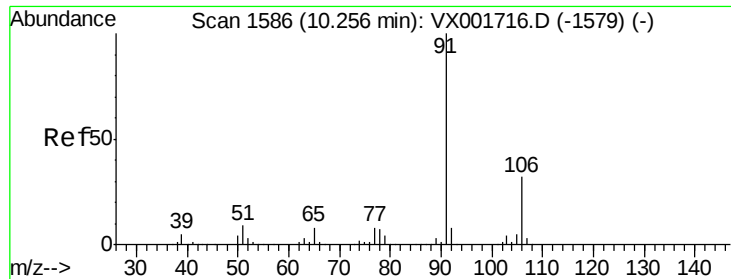
200000

100000

0

Time--> 10.15 10.20 10.25 10.30





#67

Ethyl Benzene

Concen: 138.36 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

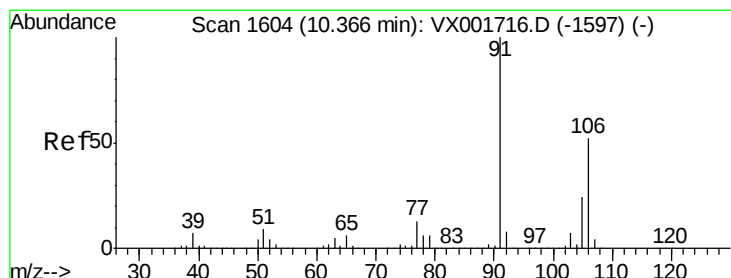
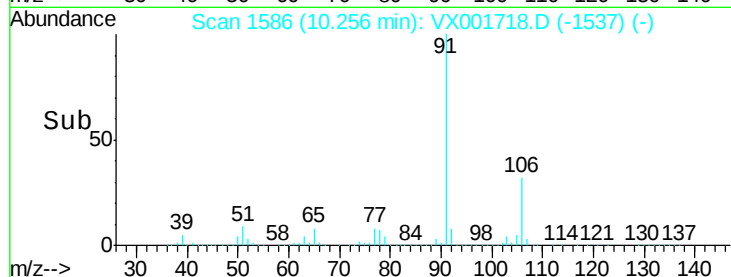
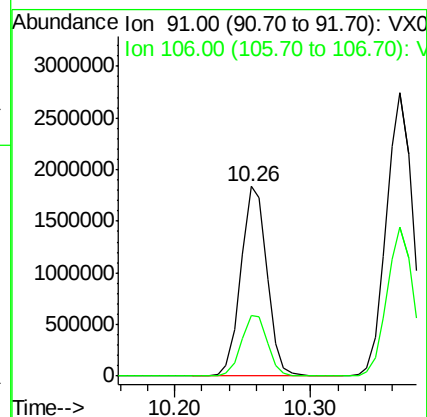
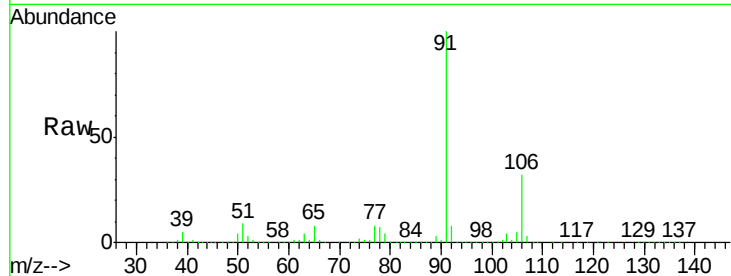
VSTDIC150

Tgt Ion: 91 Resp: 2447671

Ion Ratio Lower Upper

91 100

106 31.8 25.7 38.5



#68

m/p-Xylenes

Concen: 277.65 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001718.D

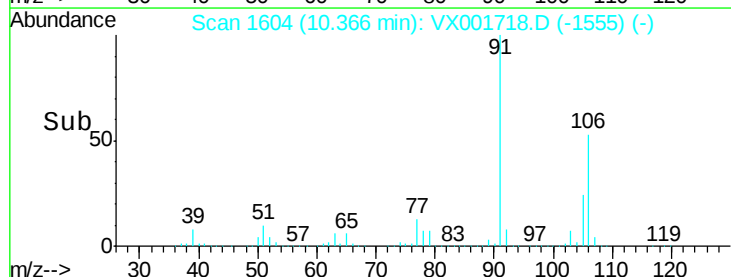
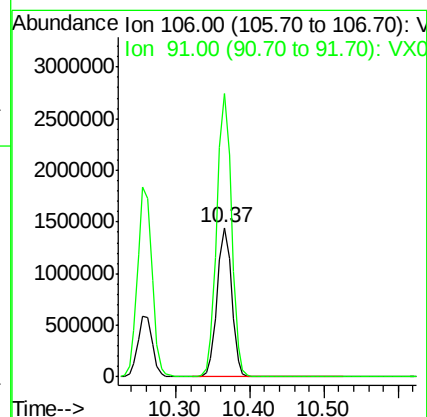
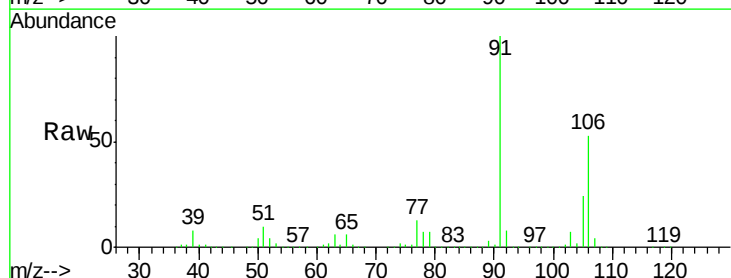
Acq: 14 May 2018 19:10

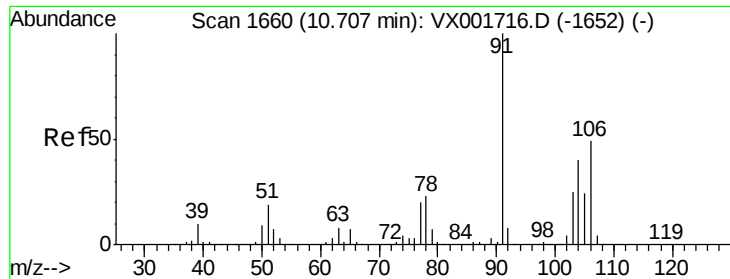
Tgt Ion: 106 Resp: 1938706

Ion Ratio Lower Upper

106 100

91 192.2 155.4 233.2

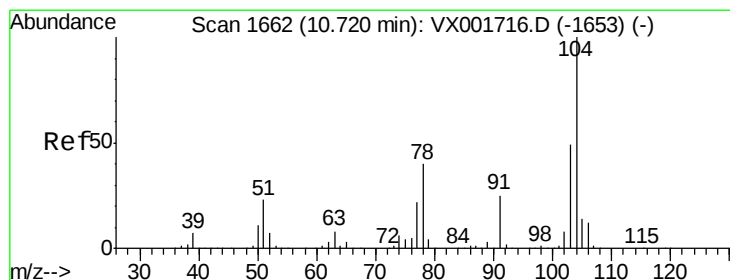
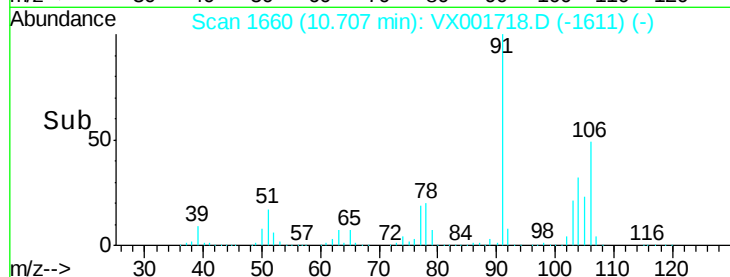
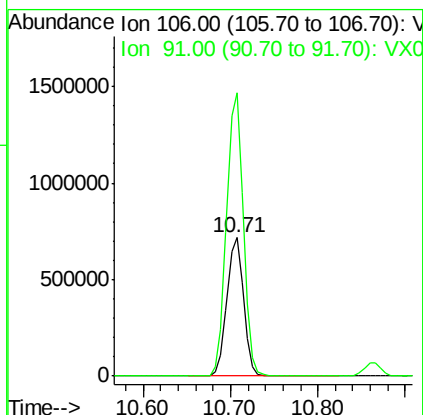
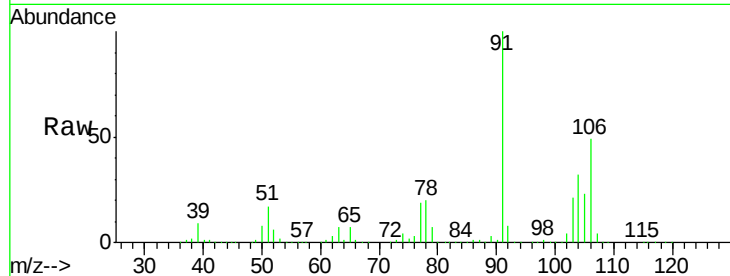




#69
o-Xylene
Concen: 139.99 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

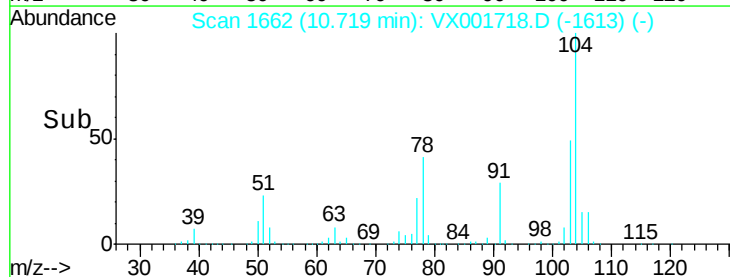
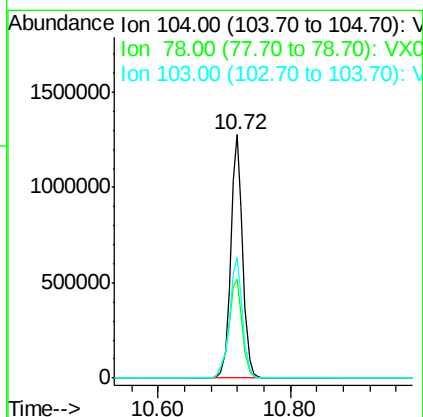
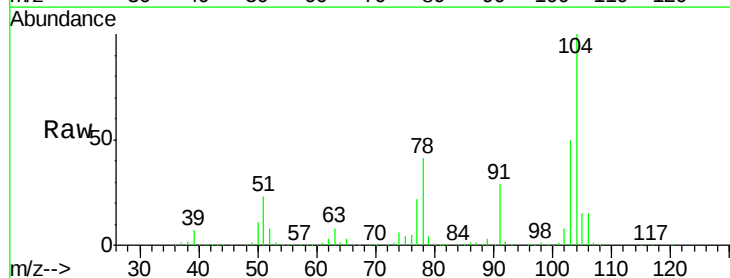
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

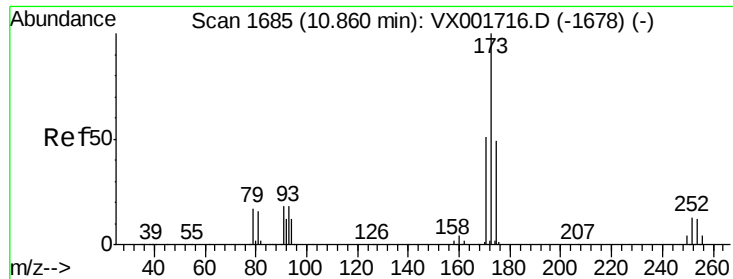
Tgt Ion:106 Resp: 947553
Ion Ratio Lower Upper
106 100
91 205.0 103.4 310.2



#70
Styrene
Concen: 145.47 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001718.D
Acq: 14 May 2018 19:10

Tgt Ion:104 Resp: 1602739
Ion Ratio Lower Upper
104 100
78 46.3 37.3 55.9
103 54.3 43.7 65.5





#71

Bromoform

Concen: 169.82 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

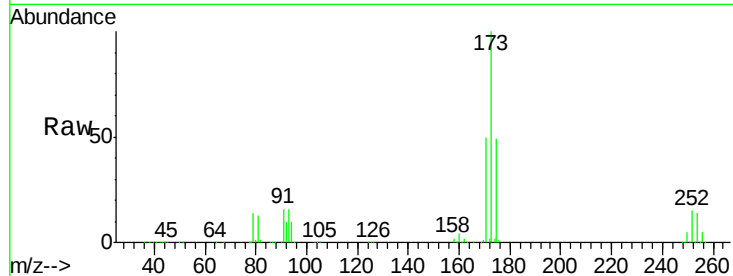
Tgt Ion:173 Resp: 535093

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.8

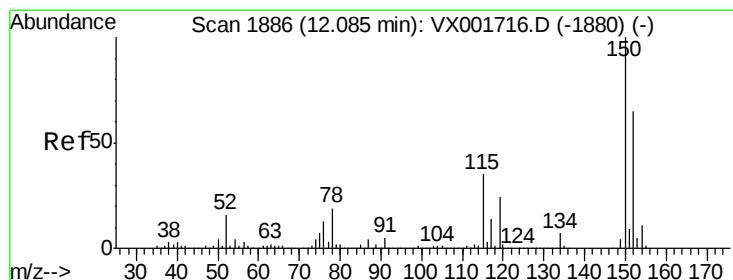
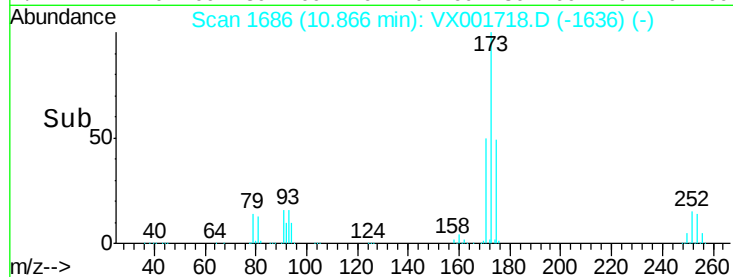
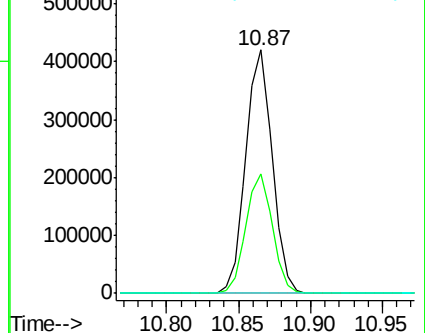
254 0.2 0.2 0.2



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

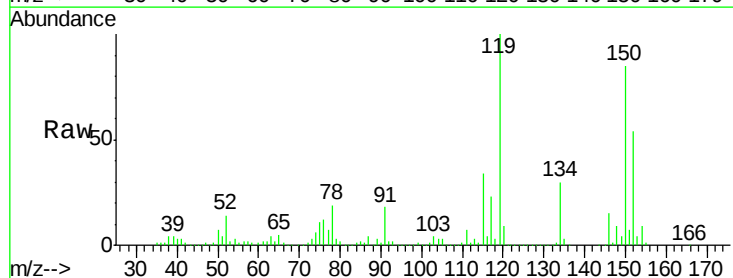
Tgt Ion:152 Resp: 260621

Ion Ratio Lower Upper

152 100

115 116.6 37.4 112.2#

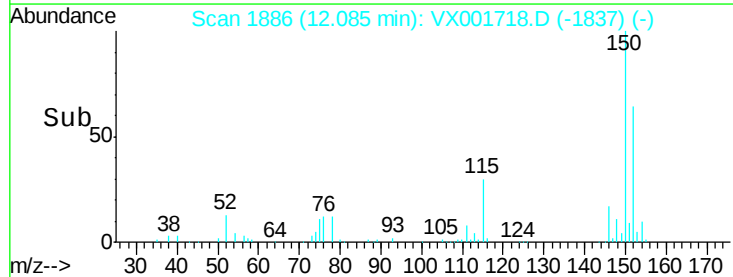
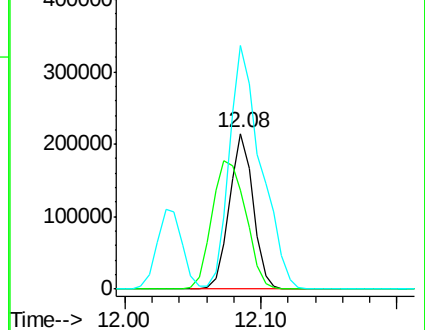
150 209.1 0.0 344.8

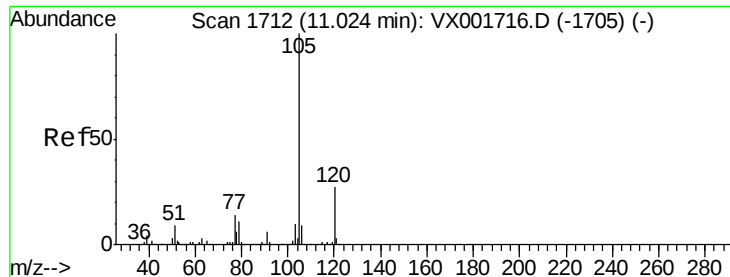


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 138.54 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

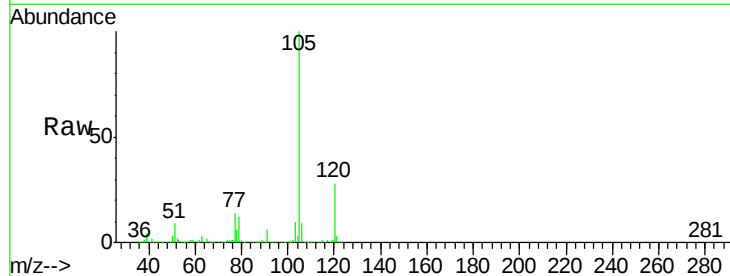
VSTDIC150

Tgt Ion:105 Resp: 2494135

Ion Ratio Lower Upper

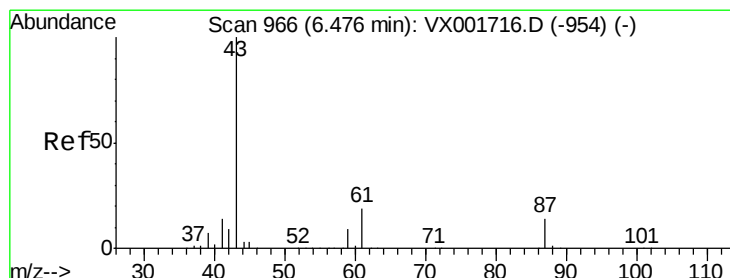
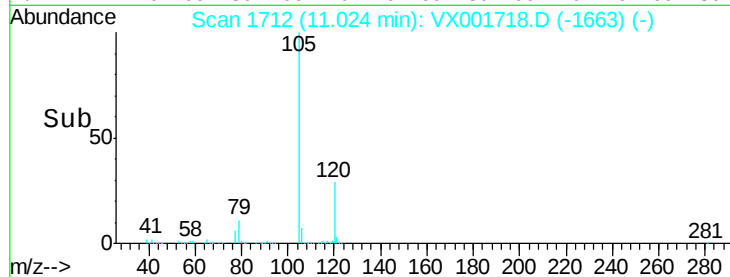
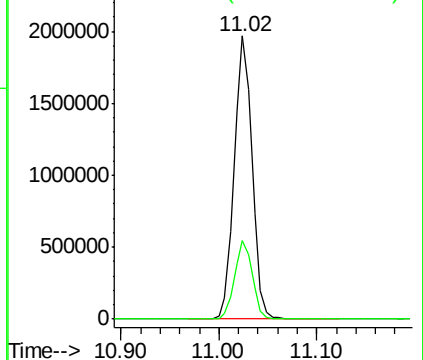
105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 155.81 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Tgt Ion: 43 Resp: 1287808

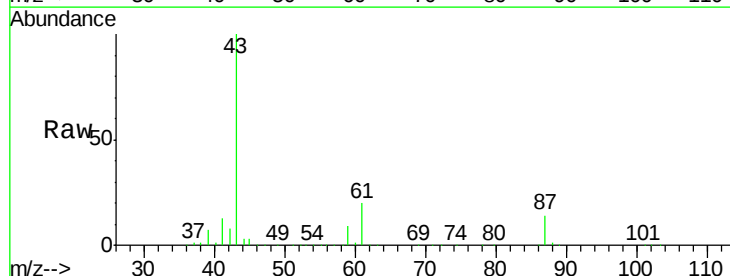
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.3 15.8 23.8

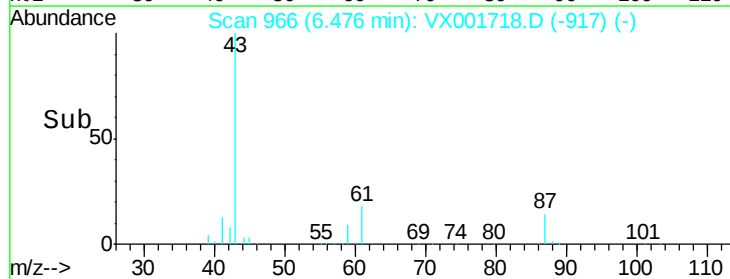
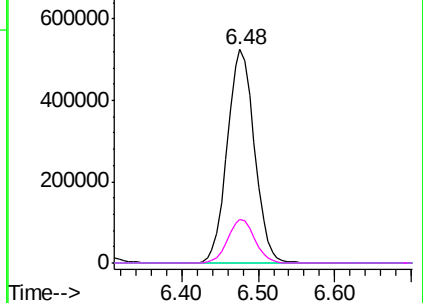


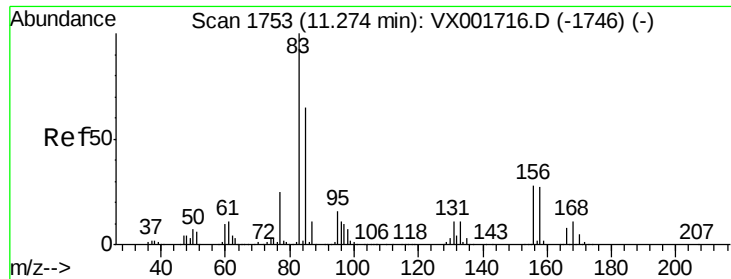
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 146.34 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

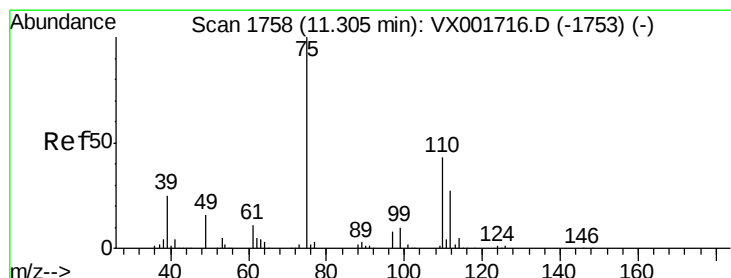
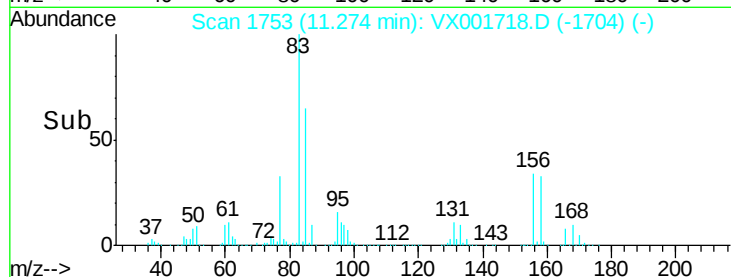
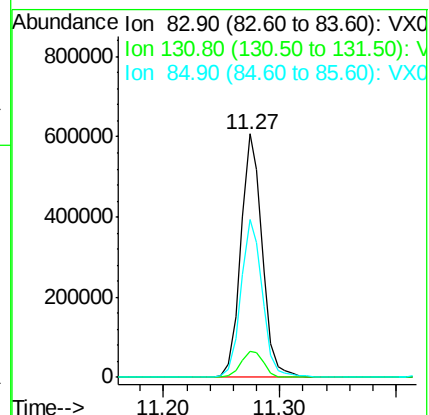
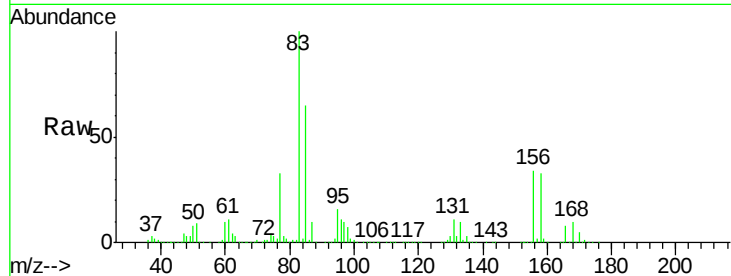
Tgt Ion: 83 Resp: 777302

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

85 65.0 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 179.08 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001718.D

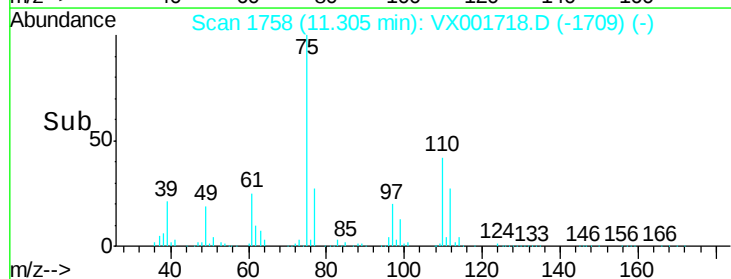
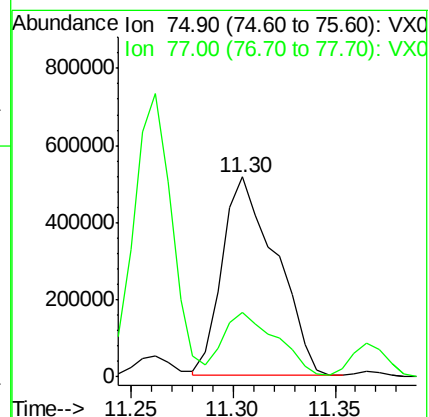
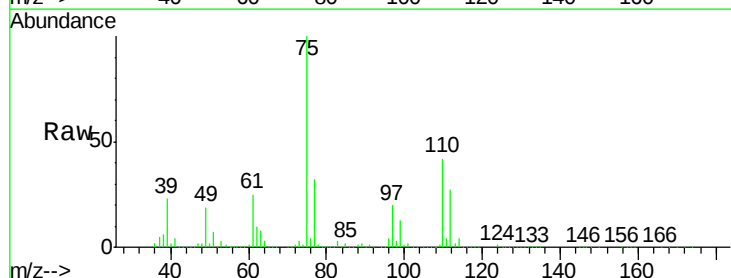
Acq: 14 May 2018 19:10

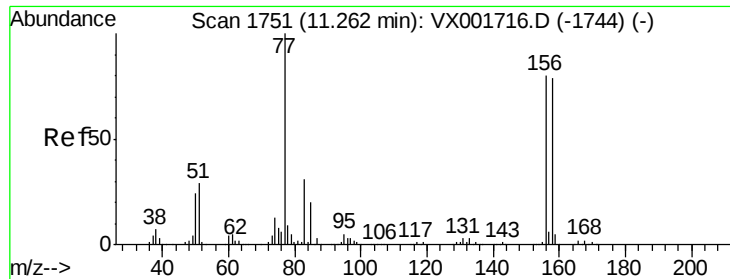
Tgt Ion: 75 Resp: 946525

Ion Ratio Lower Upper

75 100

77 32.4 18.9 56.7





#77

Bromobenzene

Concen: 139.51 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

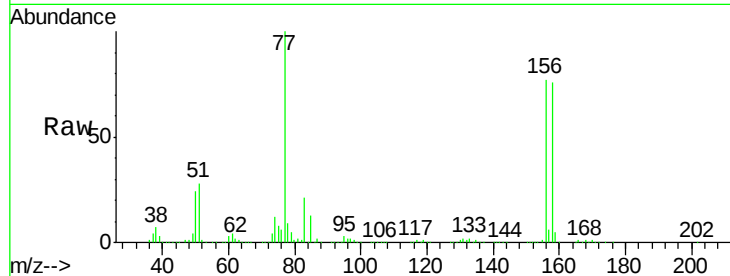
Tgt Ion:156 Resp: 732518

Ion Ratio Lower Upper

156 100

77 130.4 65.3 196.0

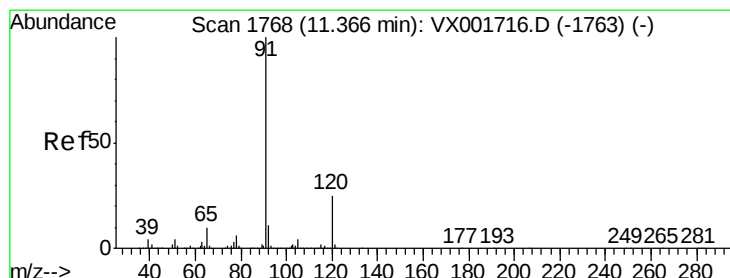
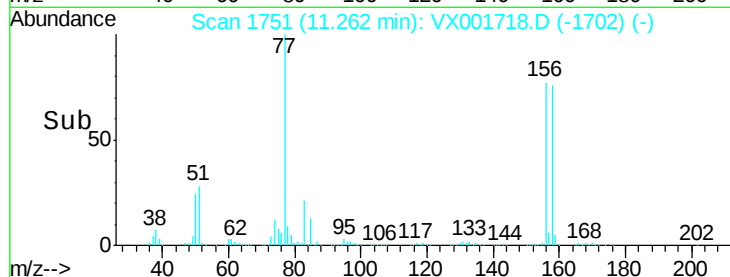
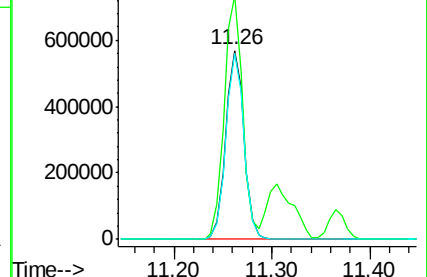
158 97.8 49.1 147.3



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: 142.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001718.D

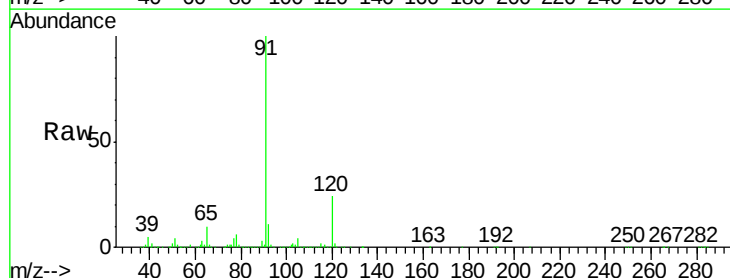
Acq: 14 May 2018 19:10

Tgt Ion: 91 Resp: 2791687

Ion Ratio Lower Upper

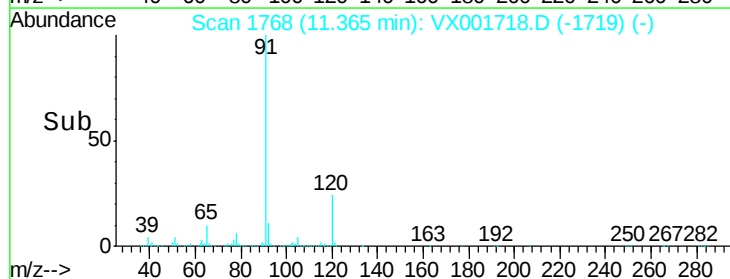
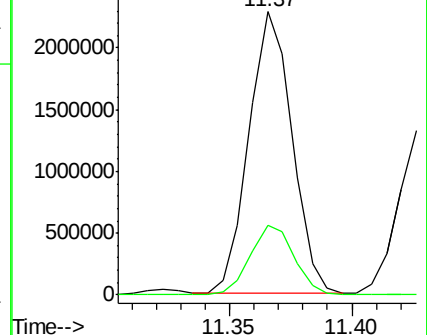
91 100

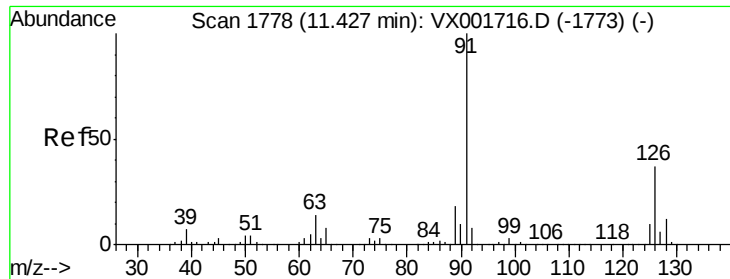
120 25.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

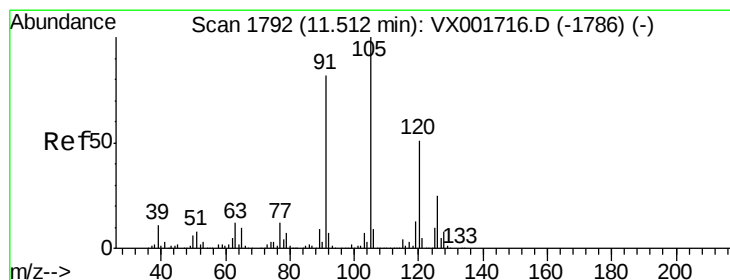
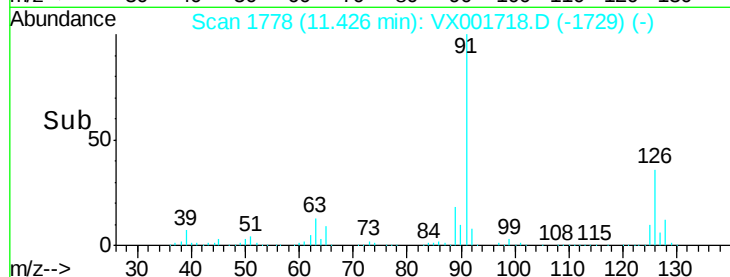
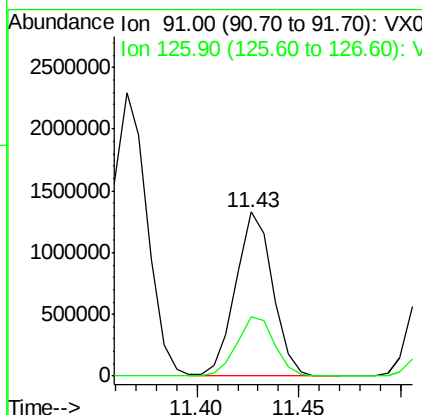
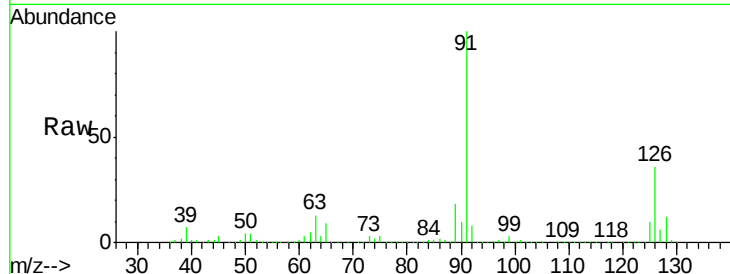




#79
 2-Chlorotoluene
 Concen: 138.54 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

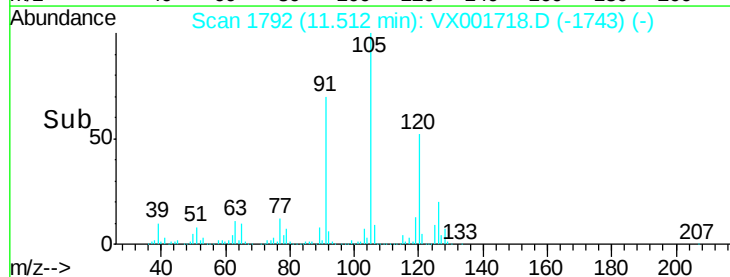
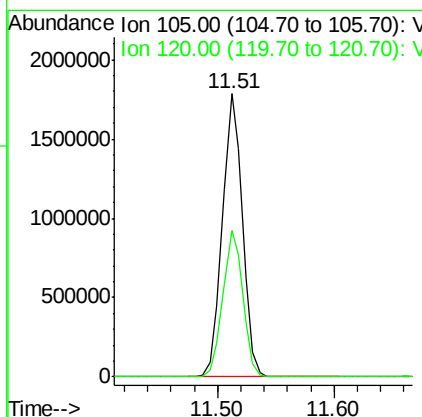
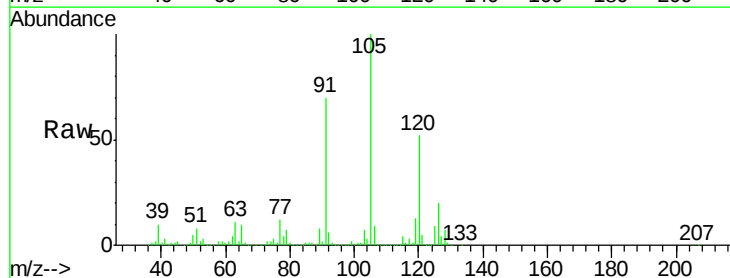
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

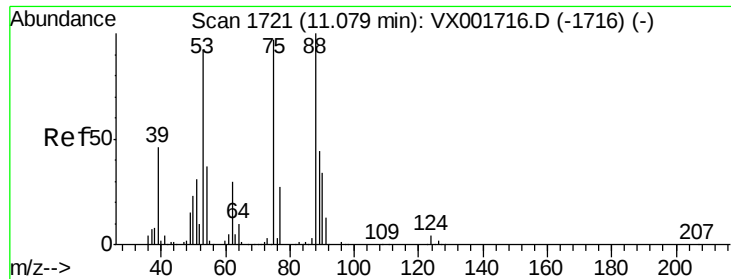
Tgt Ion: 91 Resp: 1668179
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 141.02 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion: 105 Resp: 2110107
 Ion Ratio Lower Upper
 105 100
 120 52.0 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 191.24 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

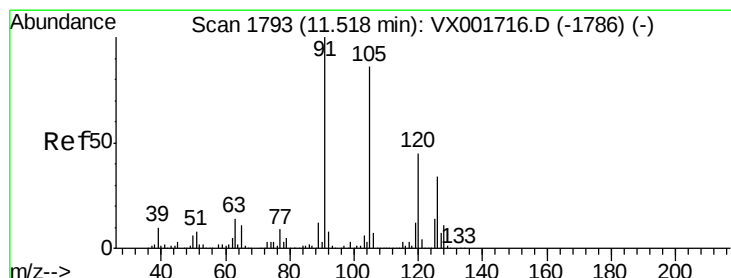
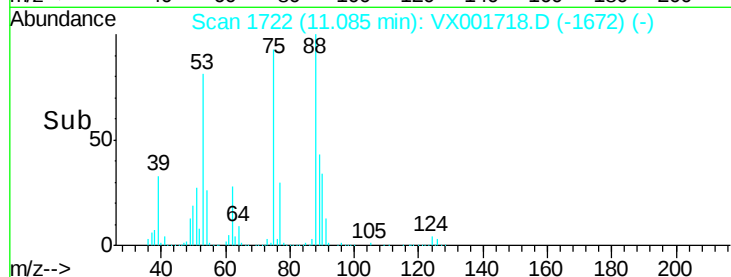
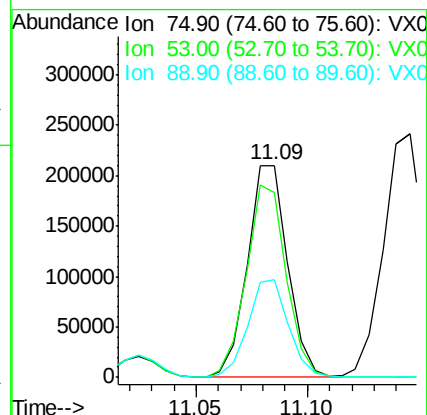
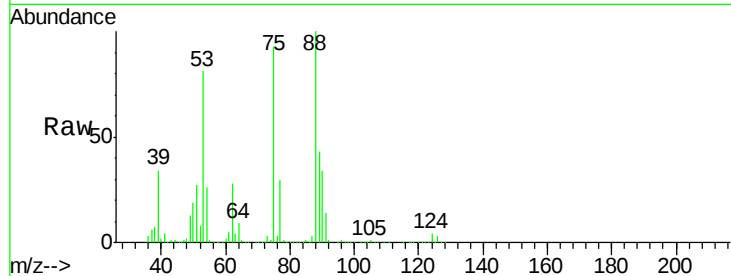
Tgt Ion: 75 Resp: 266576

Ion Ratio Lower Upper

75 100

53 89.8 79.4 119.2

89 46.5 38.8 58.2



#82

4-Chlorotoluene

Concen: 142.42 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001718.D

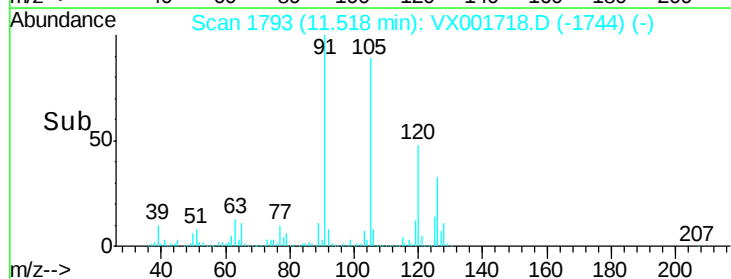
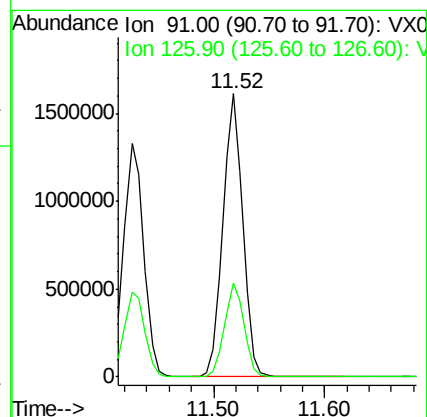
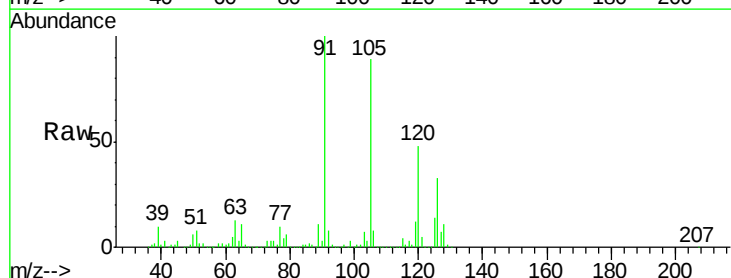
Acq: 14 May 2018 19:10

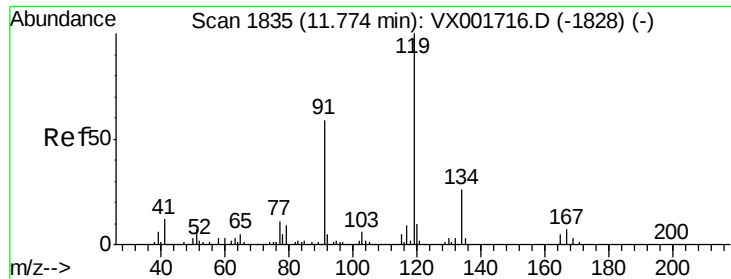
Tgt Ion: 91 Resp: 1980029

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1

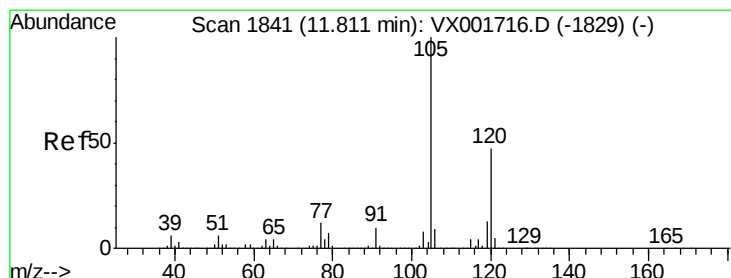
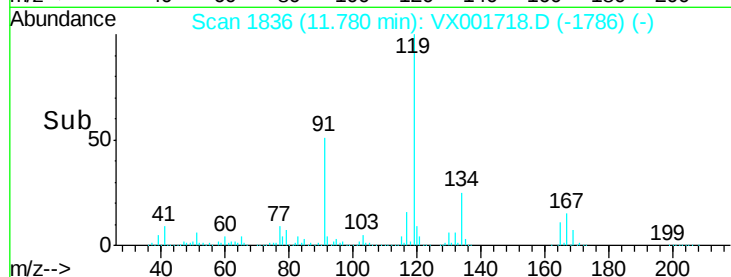
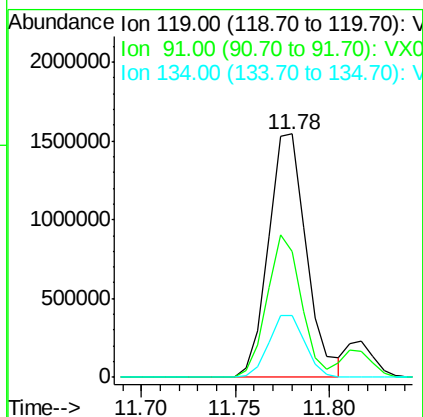
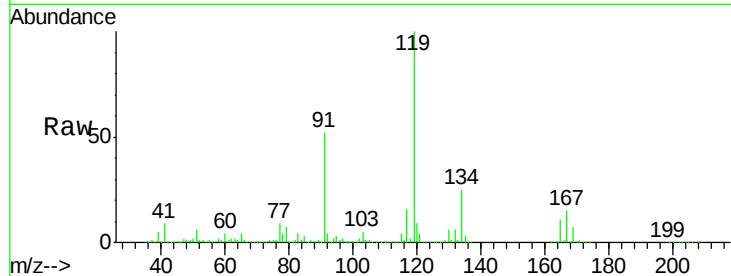




#83
 tert-Butylbenzene
 Concen: 146.29 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

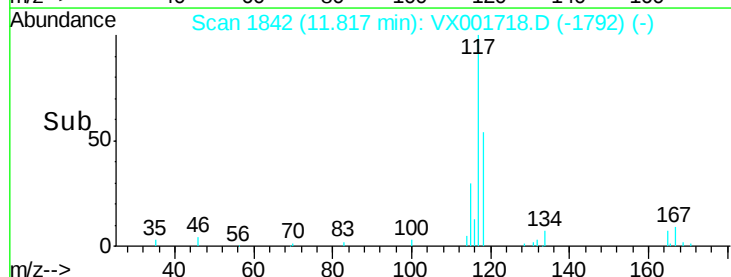
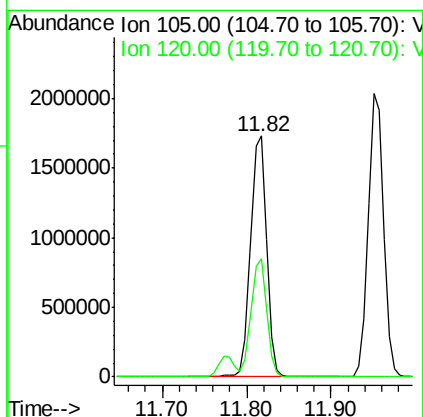
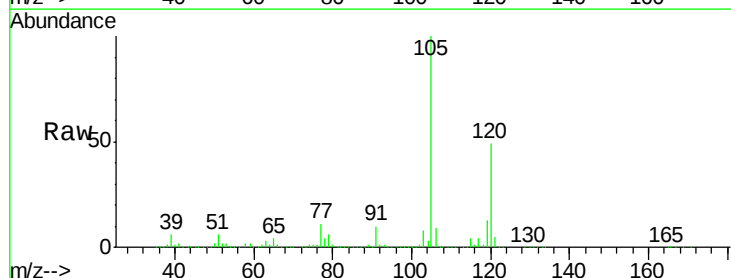
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

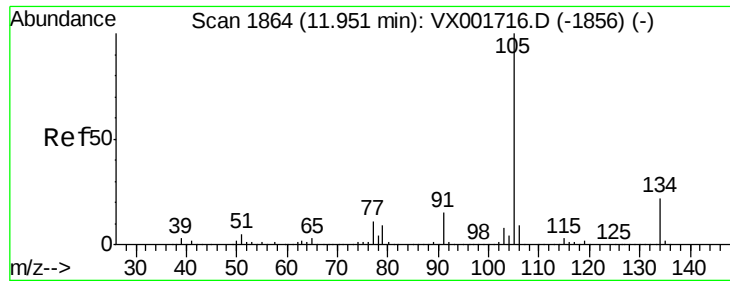
Tgt Ion:119 Resp: 2170527
 Ion Ratio Lower Upper
 119 100
 91 52.6 27.7 83.0
 134 24.4 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 142.32 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion:105 Resp: 2189287
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.5





#85

sec-Butylbenzene

Concen: 143.97 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

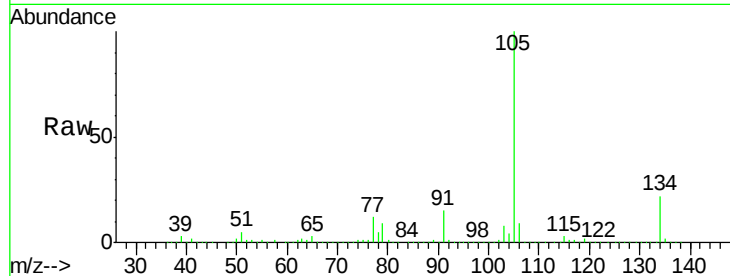
VSTDIC150

Tgt Ion:105 Resp: 2574778

Ion Ratio Lower Upper

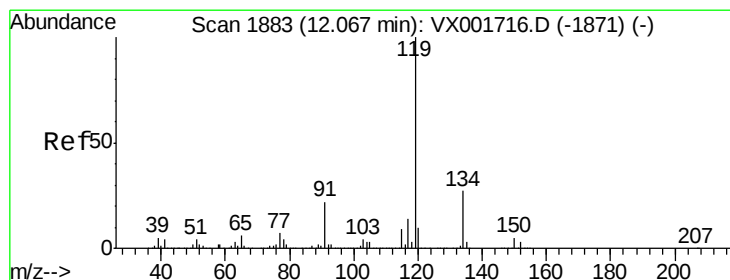
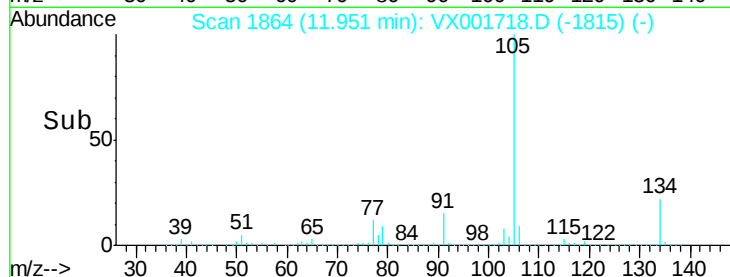
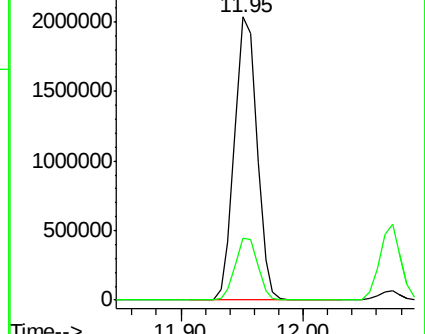
105 100

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



#86

p-Isopropyltoluene

Concen: 147.42 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

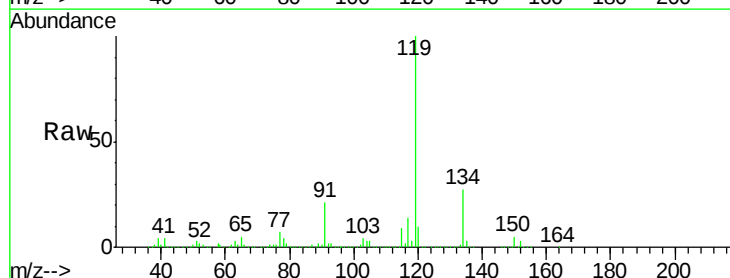
Tgt Ion:119 Resp: 2413570

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

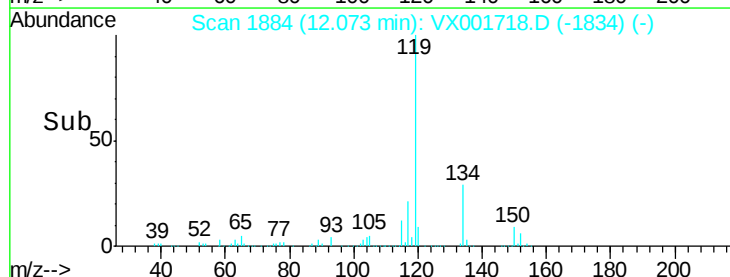
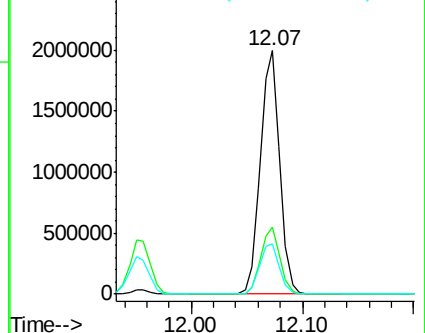
91 21.1 10.7 32.1

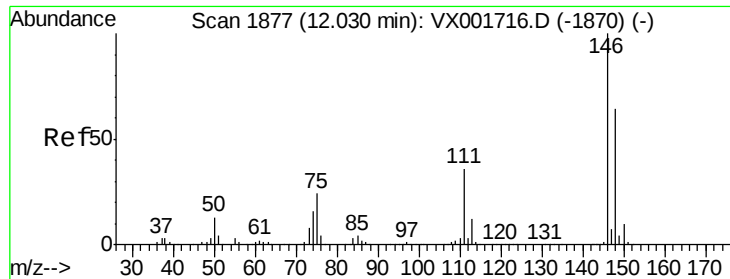


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

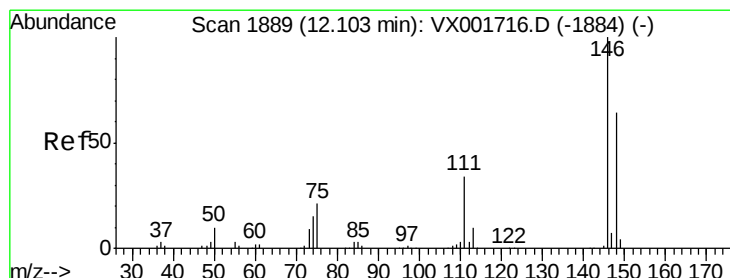
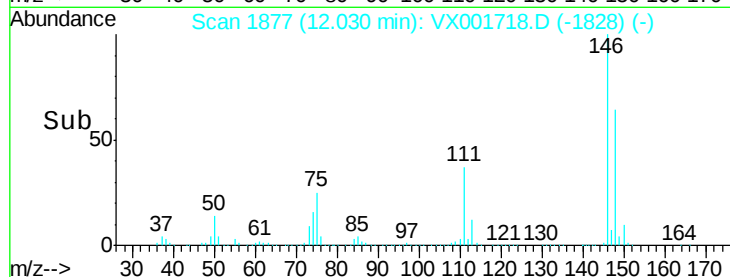
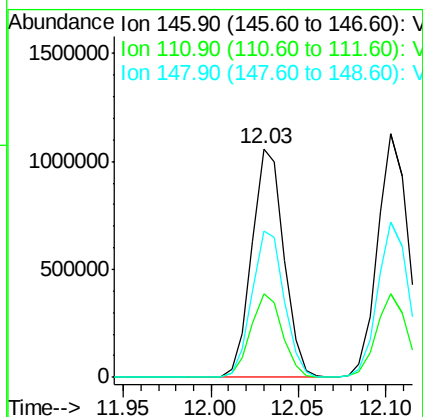
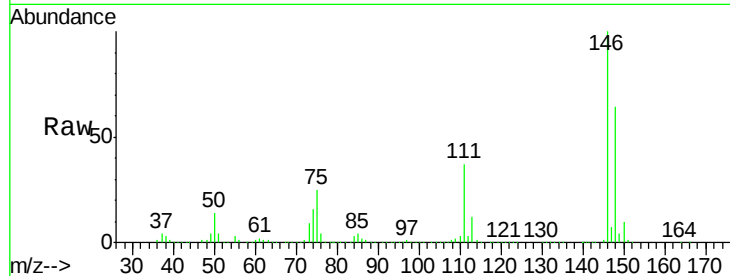




#87
 1,3-Dichlorobenzene
 Concen: 144.20 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

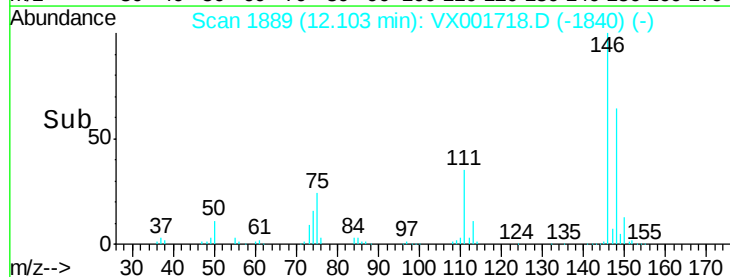
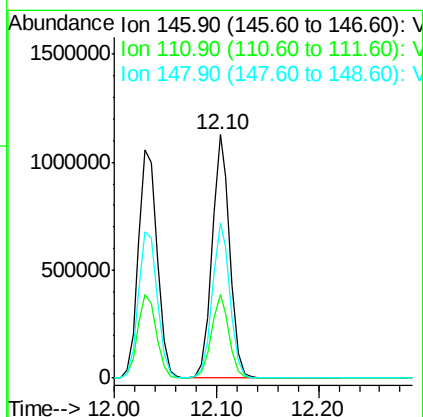
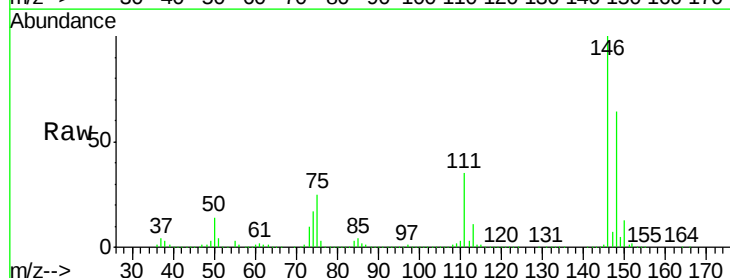
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

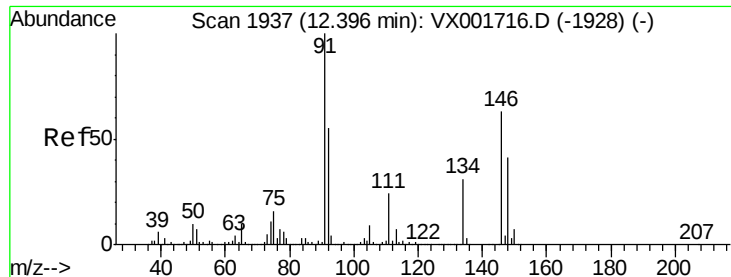
Tgt Ion:146 Resp: 1351471
 Ion Ratio Lower Upper
 146 100
 111 36.0 17.8 53.4
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 143.25 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion:146 Resp: 1370005
 Ion Ratio Lower Upper
 146 100
 111 34.4 17.3 52.0
 148 64.2 32.3 96.9





#89

n-Butylbenzene

Concen: 152.26 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

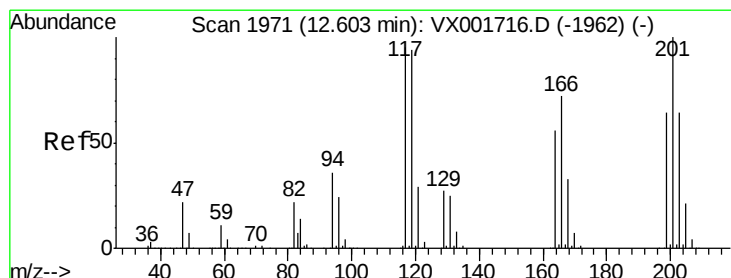
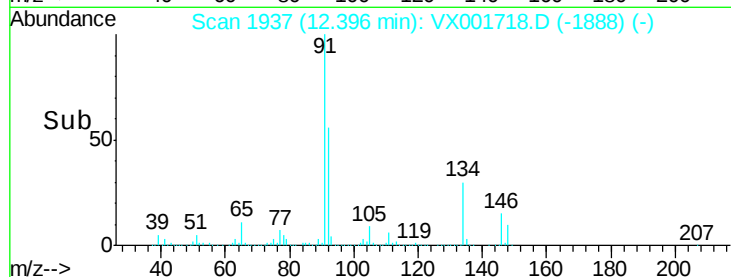
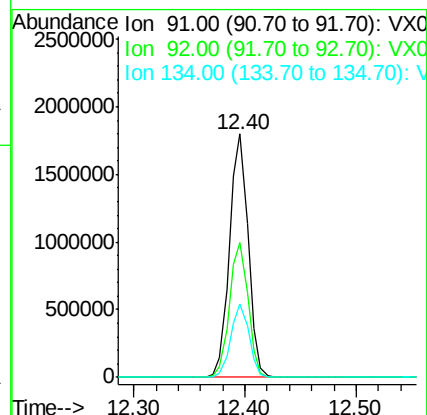
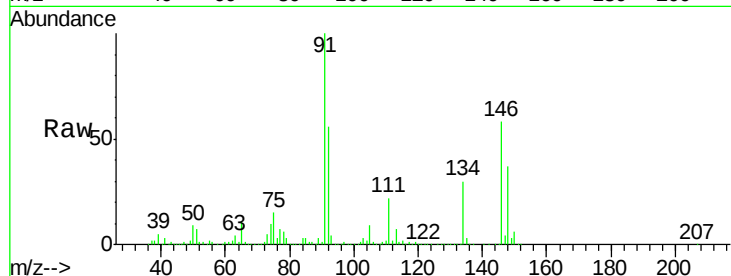
Tgt Ion: 91 Resp: 2079346

Ion Ratio Lower Upper

91 100

92 55.5 27.3 81.9

134 29.8 14.7 44.1



#90

Hexachloroethane

Concen: 169.88 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001718.D

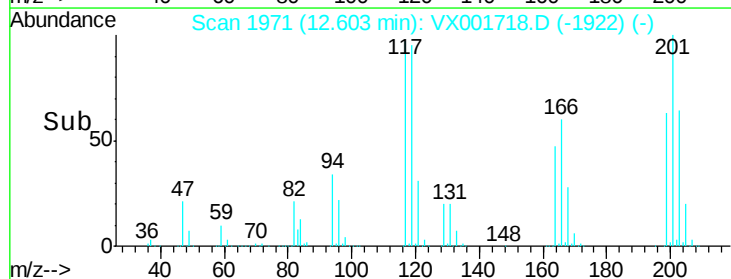
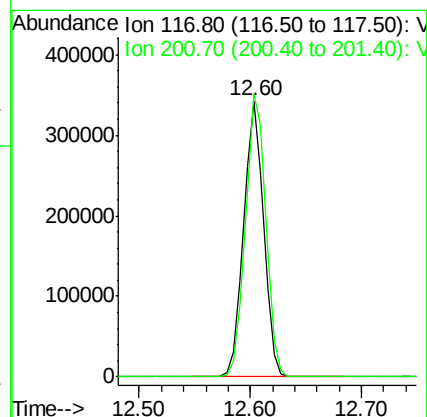
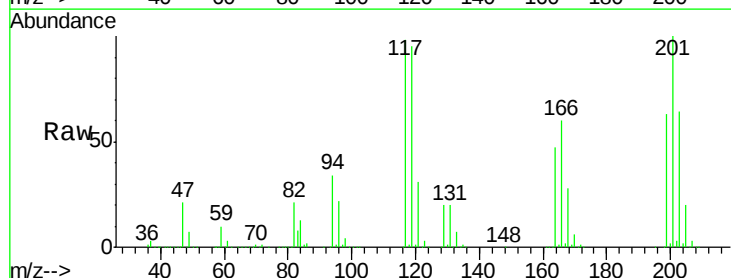
Acq: 14 May 2018 19:10

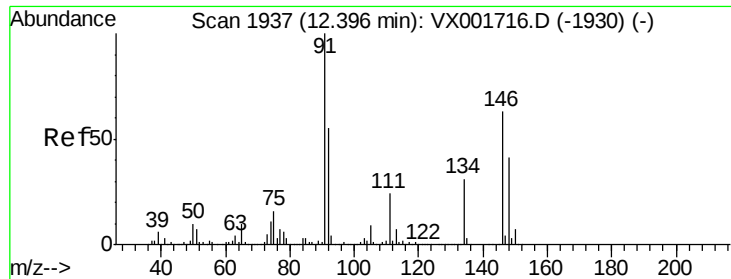
Tgt Ion: 117 Resp: 423389

Ion Ratio Lower Upper

117 100

201 105.0 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 141.13 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

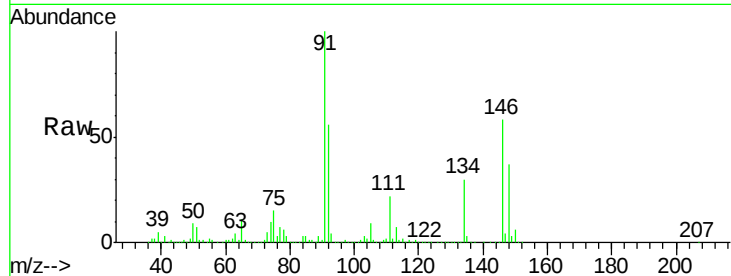
Tgt Ion:146 Resp: 1342384

Ion Ratio Lower Upper

146 100

111 37.1 18.6 56.0

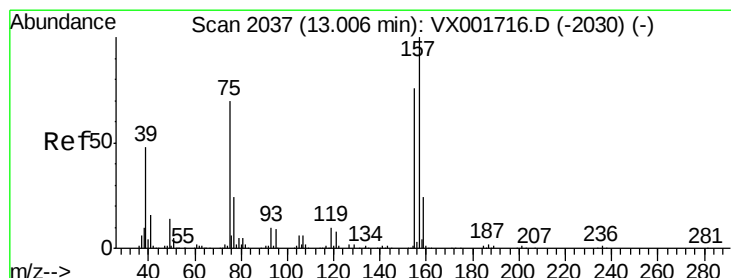
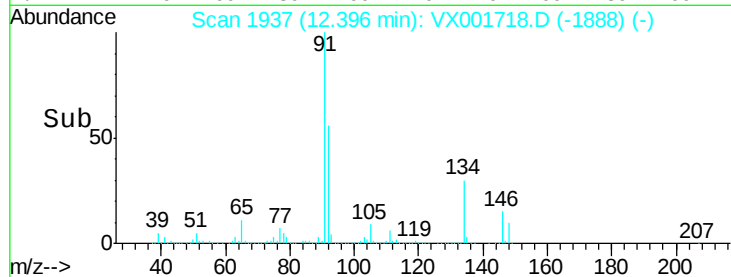
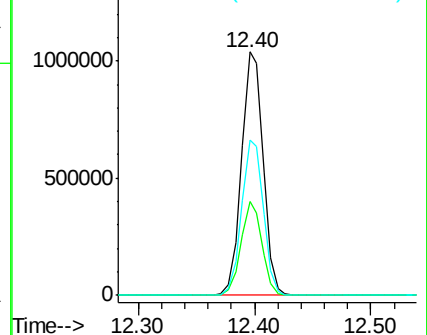
148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 160.62 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

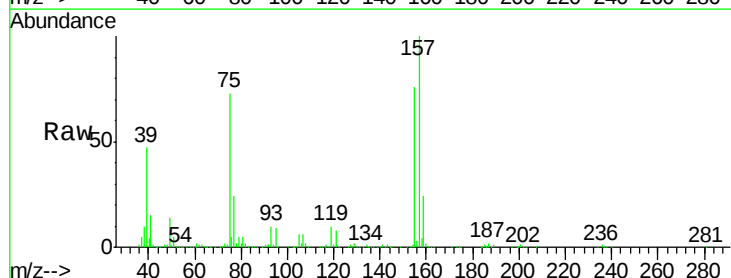
Tgt Ion: 75 Resp: 186728

Ion Ratio Lower Upper

75 100

155 111.3 53.9 161.8

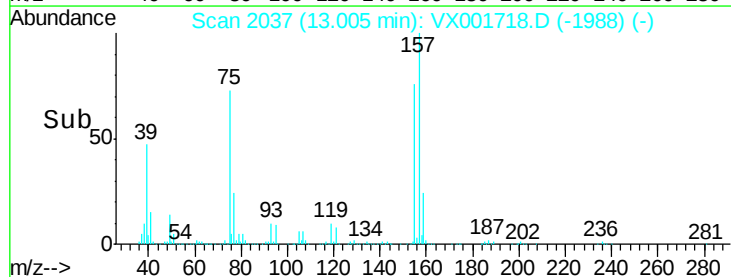
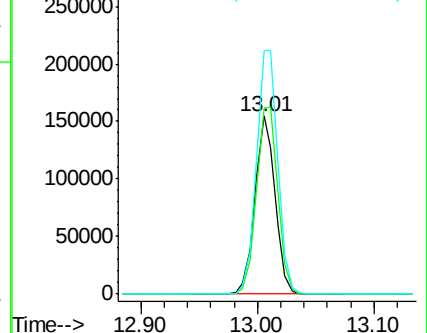
157 144.5 71.0 213.2

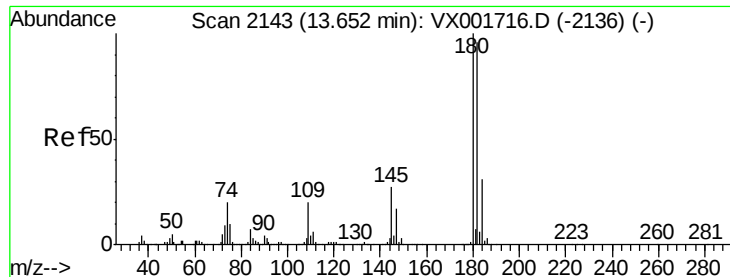


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

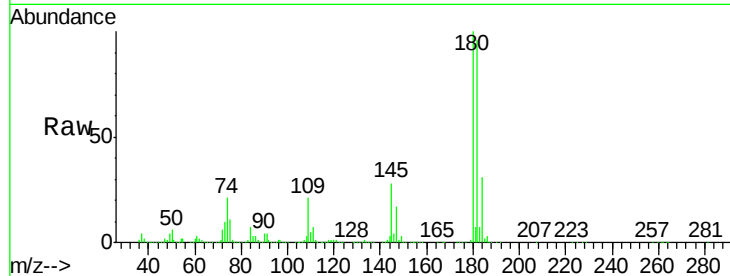




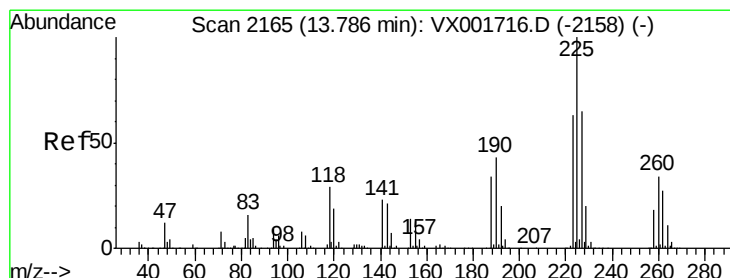
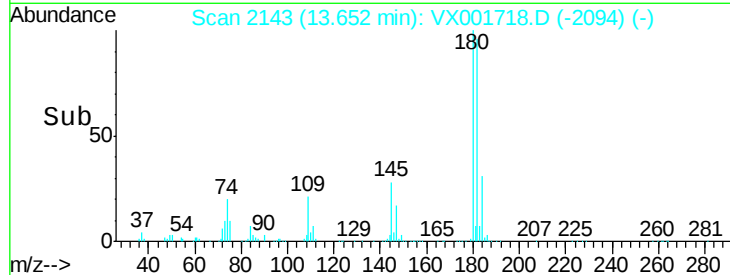
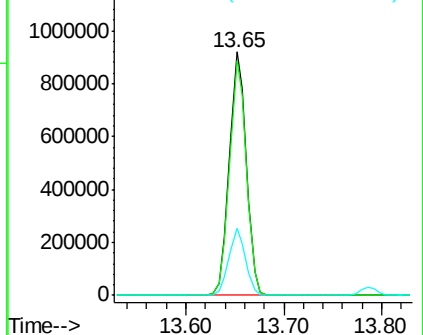
#93
 1,2,4-Trichlorobenzene
 Concen: 157.38 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1108138
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.9
 145 26.8 13.4 40.1

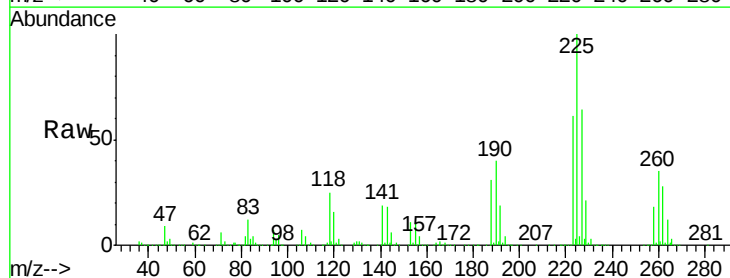


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

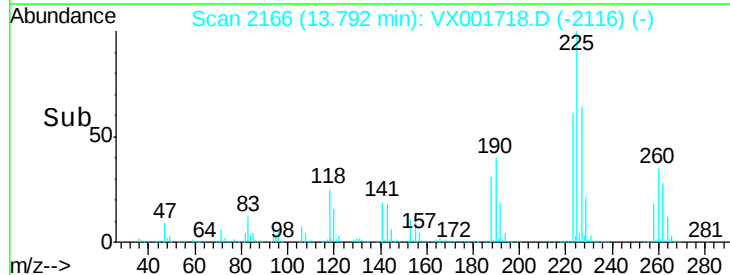
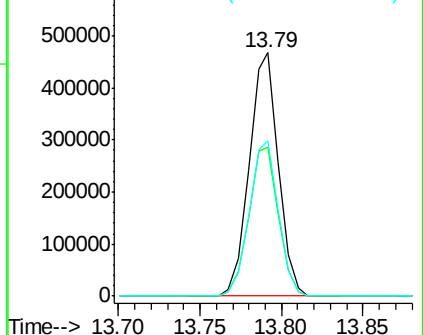


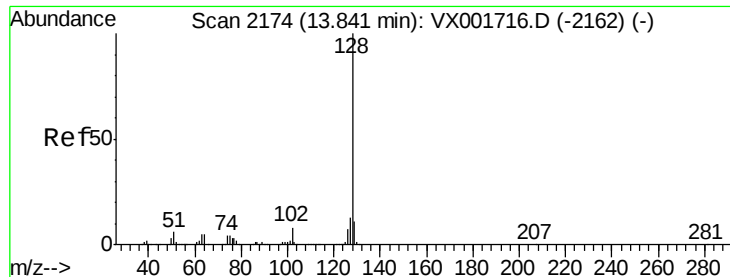
#94
 Hexachlorobutadiene
 Concen: 150.50 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001718.D
 Acq: 14 May 2018 19:10

Tgt Ion:225 Resp: 579325
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.5
 227 63.8 31.9 95.5



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





#95

Naphthalene

Concen: 156.23 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

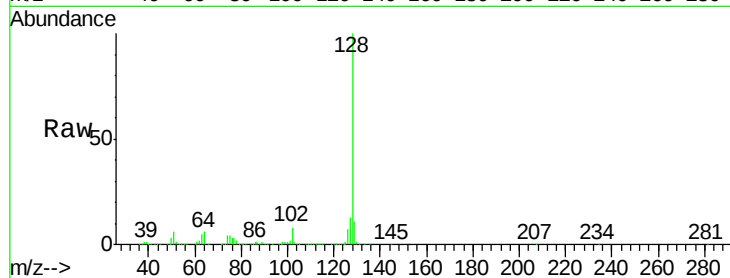
Tgt Ion:128 Resp: 3022358

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

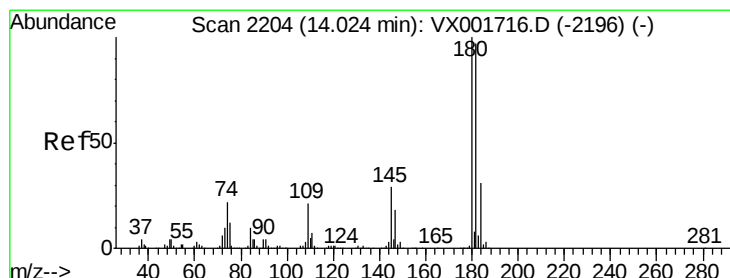
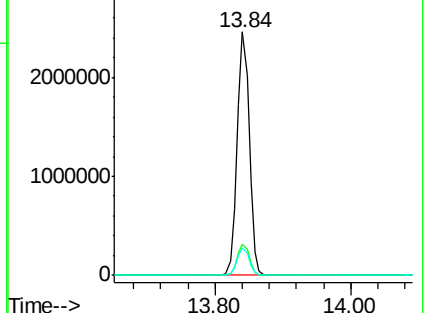
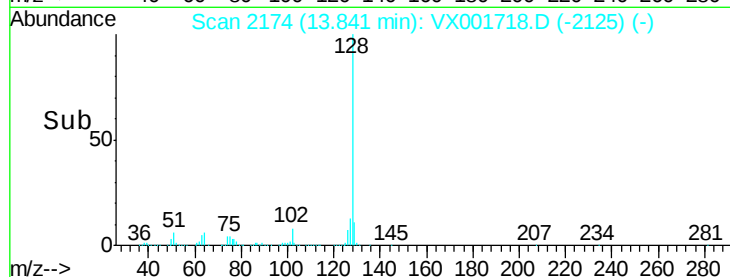
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 152.37 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001718.D

Acq: 14 May 2018 19:10

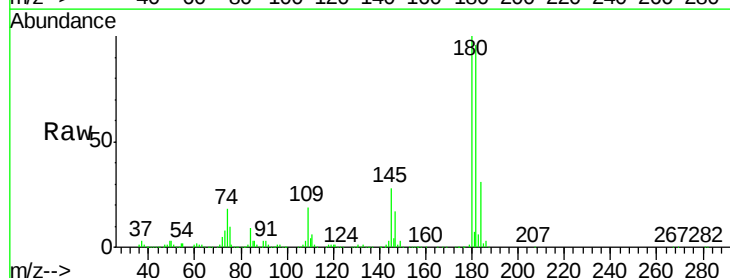
Tgt Ion:180 Resp: 1096160

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 28.4 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

