

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001779.D
 Acq On : 16 May 2018 21:51
 Operator : JC/MD
 Sample : VX0516MBS01
 Misc : 5.00g/10mL/100ul/5.0mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

Quant Time: May 17 03:00:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194718	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.51	113	167734	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.72	98	626462	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
62) 4-Bromofluorobenzene	11.14	95	199637	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59909	20.49	ug/l	99
3) Chloromethane	1.32	50	67215	21.28	ug/l	98
4) Vinyl Chloride	1.40	62	70415	20.62	ug/l	99
5) Bromomethane	1.64	94	35713	23.15	ug/l	99
6) Chloroethane	1.72	64	46313	21.53	ug/l	99
7) Trichlorofluoromethane	1.93	101	102116	20.58	ug/l	100
8) Diethyl Ether	2.19	74	43204	21.15	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61605	20.62	ug/l	99
10) Methyl Iodide	2.51	142	76075	27.68	ug/l	99
11) Tert butyl alcohol	3.09	59	81053	116.90	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58394	20.28	ug/l	99
13) Acrolein	2.30	56	47450	96.50	ug/l	99
14) Allyl chloride	2.73	41	110318	20.73	ug/l	98
15) Acrylonitrile	3.15	53	191065	109.72	ug/l	100
16) Acetone	2.45	43	171423	111.76	ug/l	99
17) Carbon Disulfide	2.57	76	134856	17.95	ug/l	99
18) Methyl Acetate	2.78	43	104821	23.38	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	202472	20.86	ug/l	99
20) Methylene Chloride	2.86	84	68304	20.80	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	62153	19.59	ug/l	100
22) Diisopropyl ether	3.88	45	213063	20.87	ug/l	99
23) Vinyl Acetate	3.83	43	691460	93.99	ug/l	100
24) 1,1-Dichloroethane	3.70	63	118076	21.09	ug/l	99
25) 2-Butanone	4.71	43	264741	112.74	ug/l	98
26) 2,2-Dichloropropane	4.59	77	75233	16.69	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	73932	20.48	ug/l	99
28) Bromochloromethane	5.03	49	59550	23.94	ug/l	99
29) Tetrahydrofuran	5.17	42	168952	110.37	ug/l	99
30) Chloroform	5.22	83	124409	21.15	ug/l	98
31) Cyclohexane	5.58	56	101021	20.58	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	105377	20.73	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86774	19.96	ug/l	99
37) Ethyl Acetate	4.87	43	97050	21.43	ug/l	99
38) Carbon Tetrachloride	5.79	117	94155	20.68	ug/l	98

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 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	102378	20.16	ug/l	98
40) Benzene	6.15	78	272567	21.28	ug/l	100
41) Methacrylonitrile	5.07	41	55784	21.30	ug/l	99
42) 1,2-Dichloroethane	6.20	62	96983	20.94	ug/l	99
43) Isopropyl Acetate	6.48	43	145411	20.51	ug/l	99
44) Trichloroethene	7.22	130	84394	21.23	ug/l	99
45) 1,2-Dichloropropane	7.52	63	68329	21.74	ug/l	98
46) Dibromomethane	7.67	93	47173	21.38	ug/l	99
47) Bromodichloromethane	7.90	83	86356	21.09	ug/l	94
48) Methyl methacrylate	7.79	41	78612	21.07	ug/l	98
49) 1,4-Dioxane	7.76	88	36640	509.97	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	516325	114.93	ug/l	99
52) Toluene	8.79	92	180668	21.96	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	99321	20.62	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	85001	20.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	65547	20.84	ug/l	97
56) Ethyl methacrylate	9.19	69	88287	19.79	ug/l	99
57) 1,3-Dichloropropane	9.38	76	107244	20.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	245628	107.05	ug/l	99
59) 2-Hexanone	9.50	43	351276	109.22	ug/l	99
60) Dibromochloromethane	9.59	129	65986	20.49	ug/l	100
61) 1,2-Dibromoethane	9.68	107	69045	20.97	ug/l	97
64) Tetrachloroethene	9.34	164	90563	21.47	ug/l	98
65) Chlorobenzene	10.15	112	181482	20.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	66459	21.12	ug/l	100
67) Ethyl Benzene	10.26	91	290868	20.42	ug/l	99
68) m/p-Xylenes	10.37	106	233787	41.61	ug/l	98
69) o-Xylene	10.71	106	115328	21.43	ug/l	98
70) Styrene	10.72	104	184268	20.76	ug/l	99
71) Bromoform	10.87	173	52684	19.86	ug/l #	99
73) Isopropylbenzene	11.02	105	305378	22.77	ug/l	100
74) N-amyl acetate	6.48	43	145411	22.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90563	22.51	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101372	26.17	ug/l	91
77) Bromobenzene	11.26	156	87855	22.29	ug/l	99
78) n-propylbenzene	11.37	91	332994	22.03	ug/l	99
79) 2-Chlorotoluene	11.43	91	203938	22.56	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	250743	22.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21486	18.74	ug/l	92
82) 4-Chlorotoluene	11.52	91	230691	21.67	ug/l	100
83) tert-Butylbenzene	11.77	119	243570	22.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	259020	22.73	ug/l	99
85) sec-Butylbenzene	11.95	105	299790	22.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	272997	21.82	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	152790	20.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	155064	20.57	ug/l	99
89) n-Butylbenzene	12.40	91	208753	19.30	ug/l	100
90) Hexachloroethane	12.60	117	41360	21.29	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	156789	21.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18711	21.79	ug/l	97

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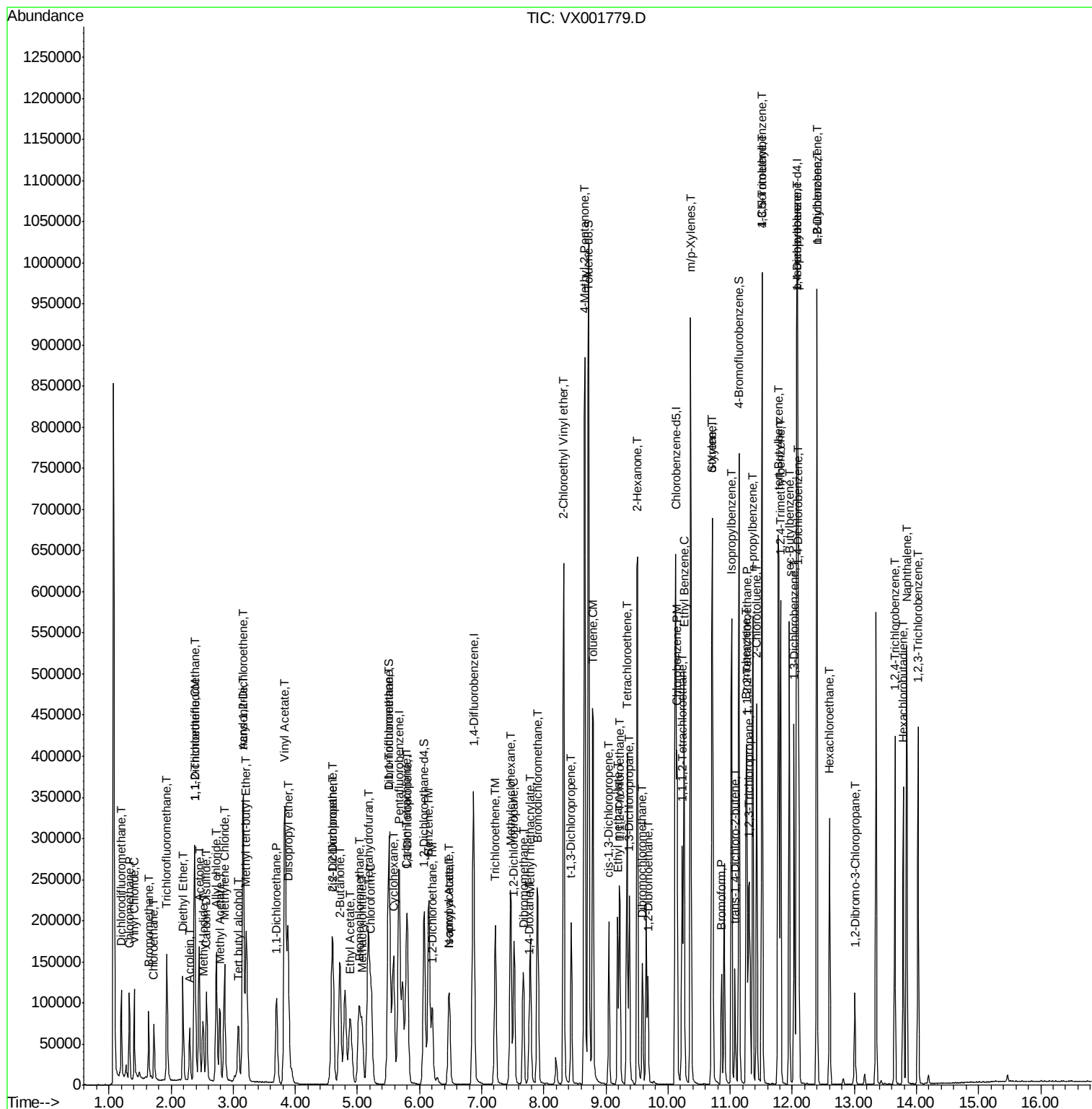
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

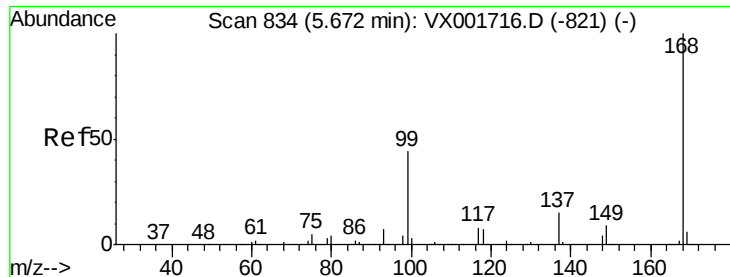
Quant Time: May 17 03:00:18 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110601	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	60860	19.58	ug/l	99
95) Naphthalene	13.84	128	322695	21.44	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118549	20.34	ug/l	99

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

Quant Time: May 17 03:00:18 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

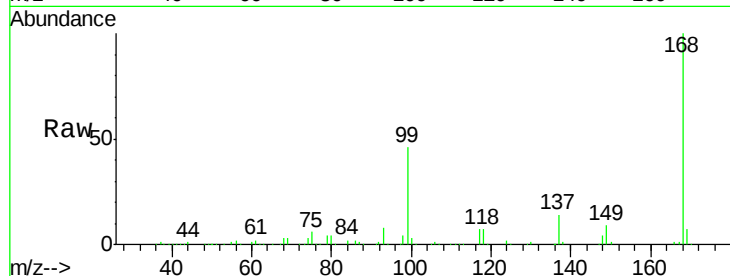
VX0516MBS01

Tgt Ion:168 Resp: 291349

Ion Ratio Lower Upper

168 100

99 45.7 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

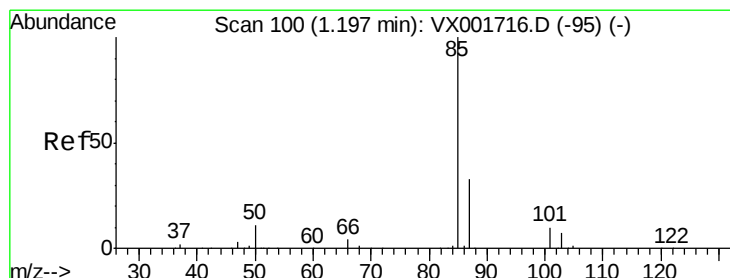
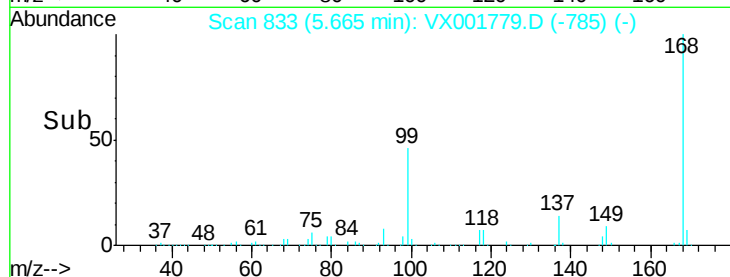
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001779.D

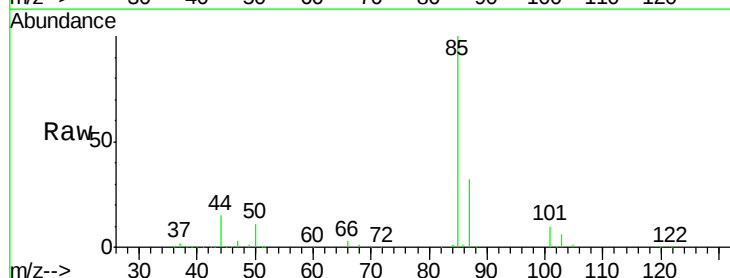
Acq: 16 May 2018 21:51

Tgt Ion: 85 Resp: 59909

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

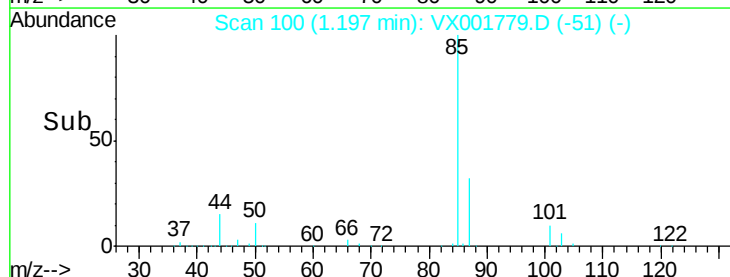
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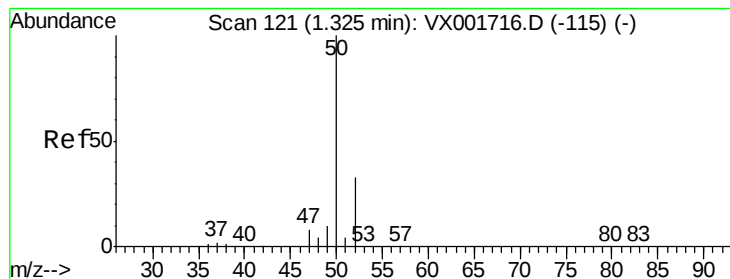
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

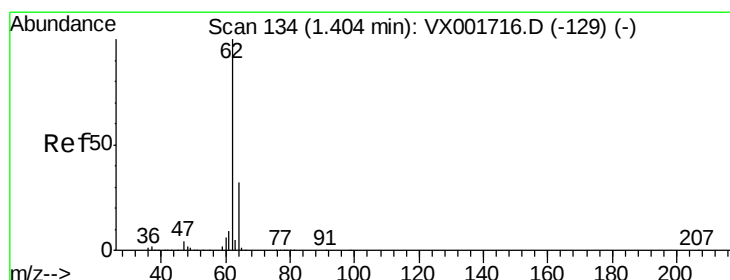
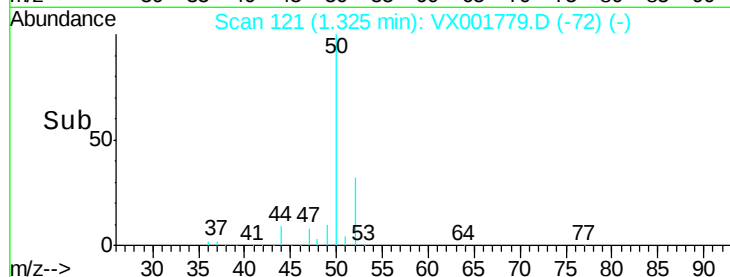
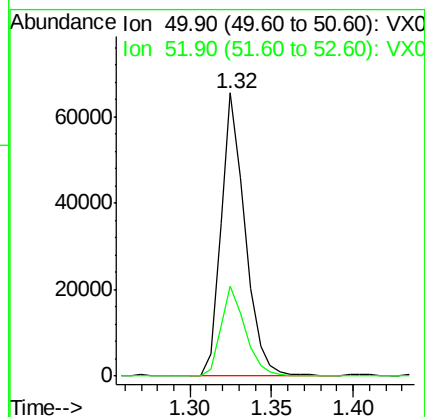
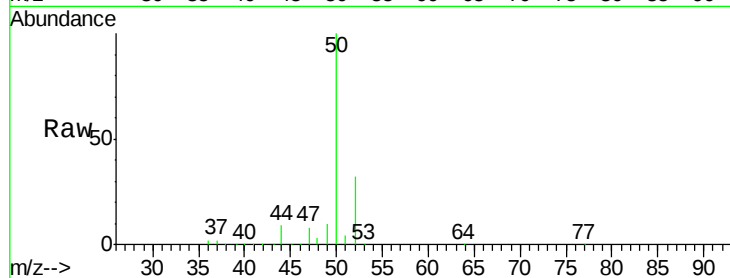
VX0516MBS01

Tgt Ion: 50 Resp: 67215

Ion Ratio Lower Upper

50 100

52 31.9 26.3 39.5



#4

Vinyl Chloride

Concen: 20.62 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001779.D

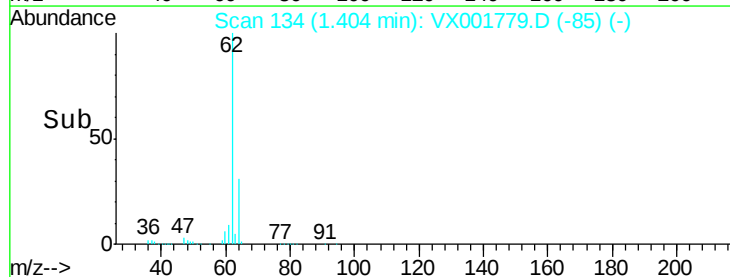
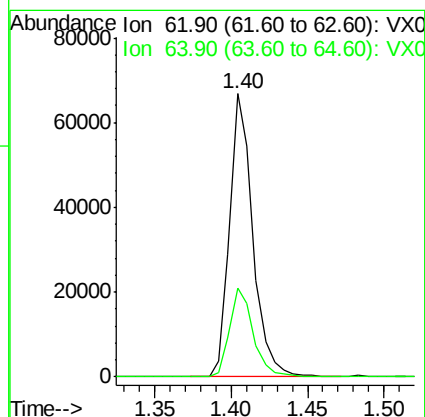
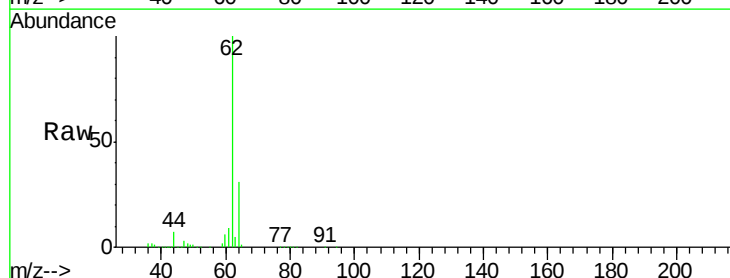
Acq: 16 May 2018 21:51

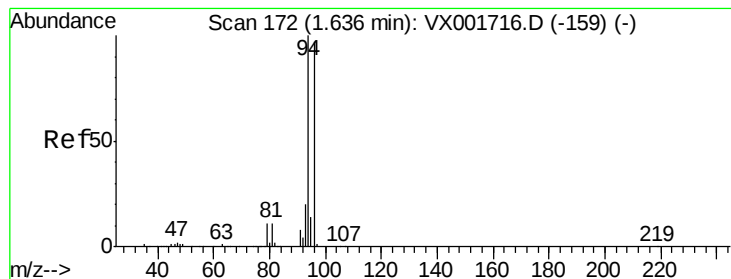
Tgt Ion: 62 Resp: 70415

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 23.15 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

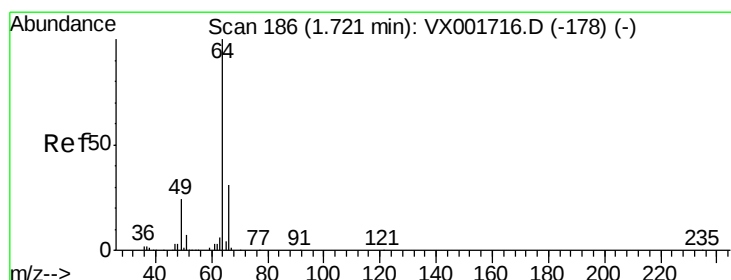
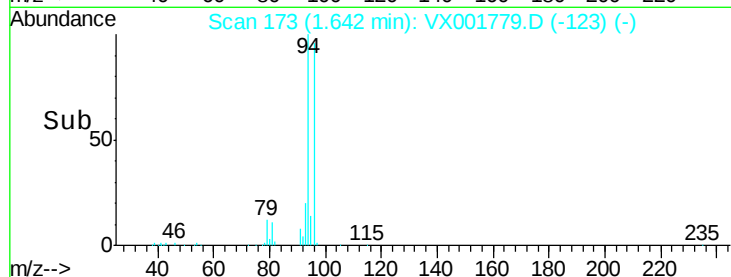
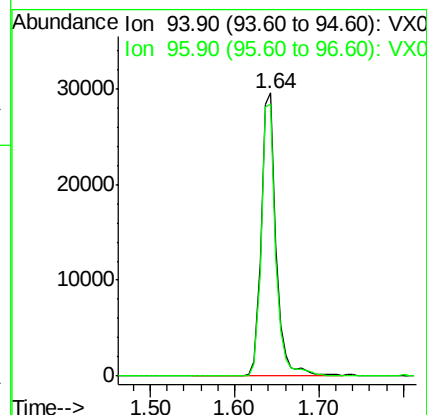
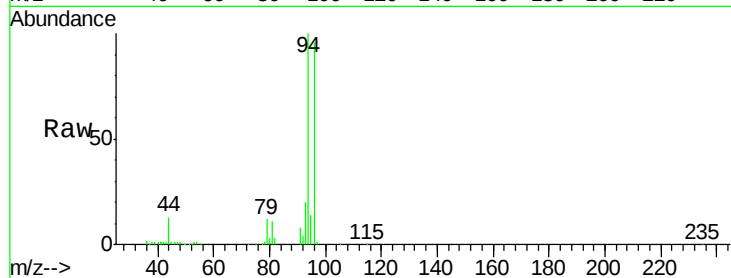
VX0516MBS01

Tgt Ion: 94 Resp: 35713

Ion Ratio Lower Upper

94 100

96 95.9 77.4 116.0



#6

Chloroethane

Concen: 21.53 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001779.D

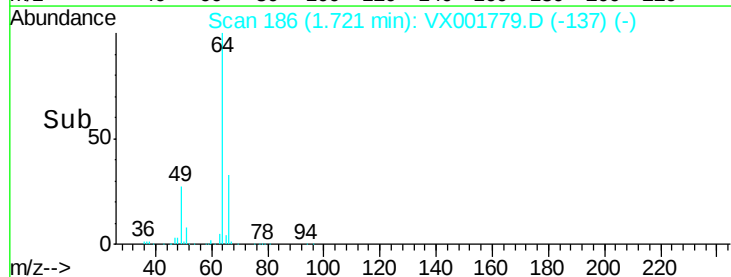
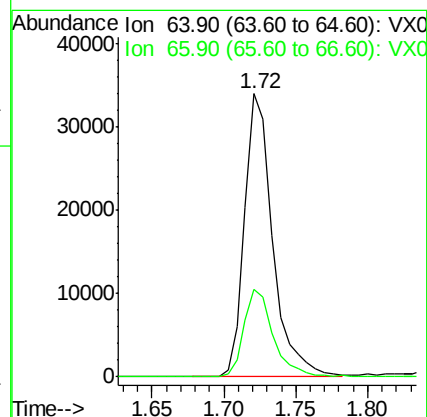
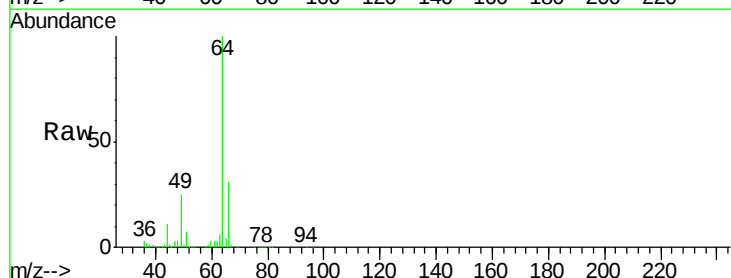
Acq: 16 May 2018 21:51

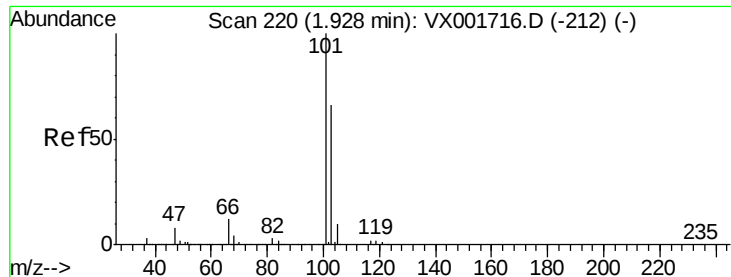
Tgt Ion: 64 Resp: 46313

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8



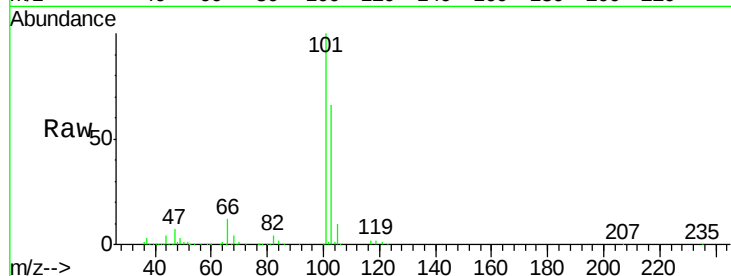


#7

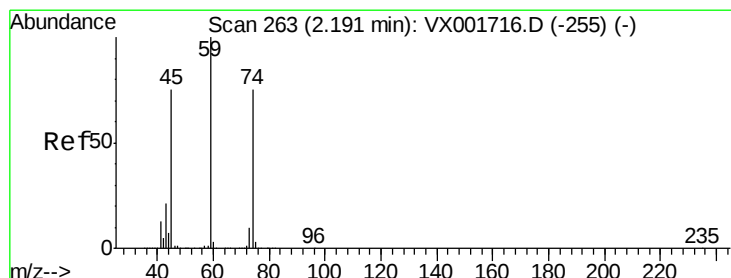
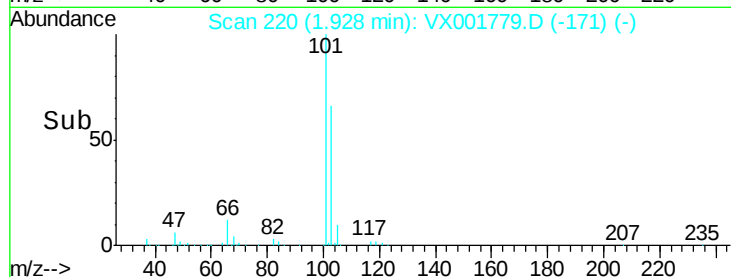
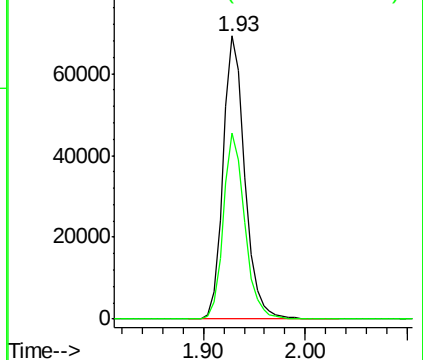
Trichlorofluoromethane
 Concen: 20.58 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

Tgt Ion:101 Resp: 102116
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.6 78.8



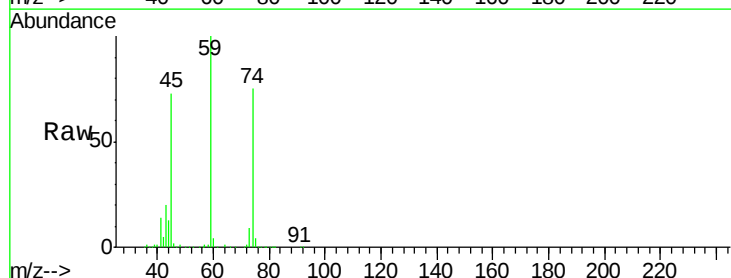
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



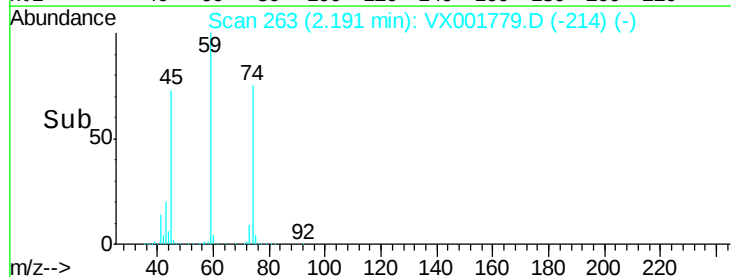
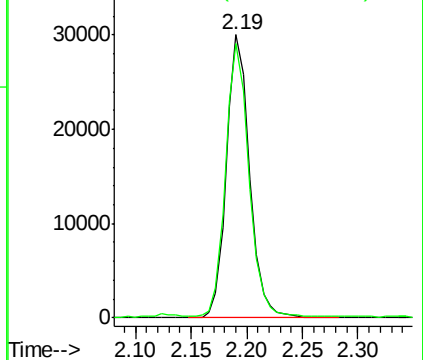
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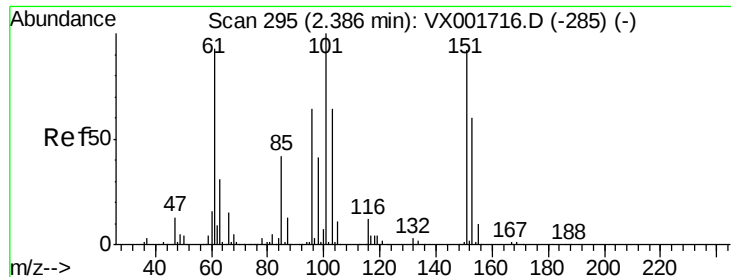
Diethyl Ether
 Concen: 21.15 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion: 74 Resp: 43204
 Ion Ratio Lower Upper
 74 100
 45 97.1 50.0 149.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.62 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

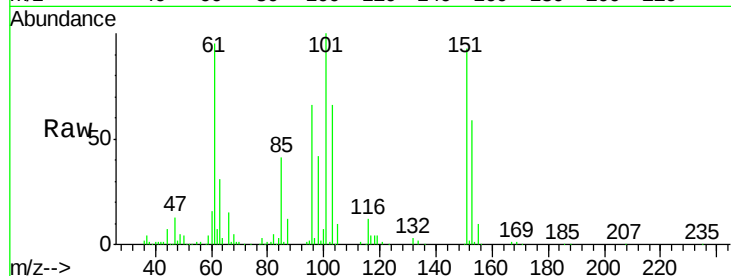
Tgt Ion:101 Resp: 61605

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

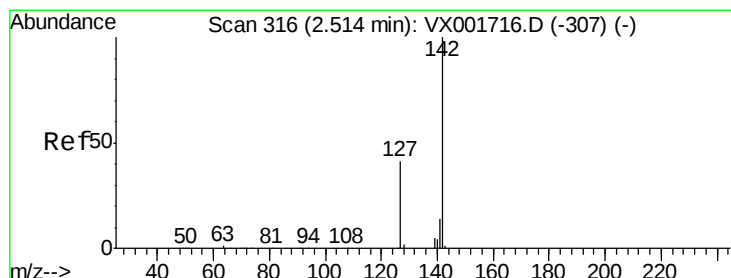
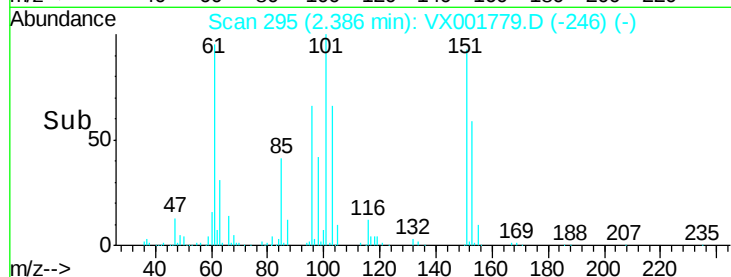
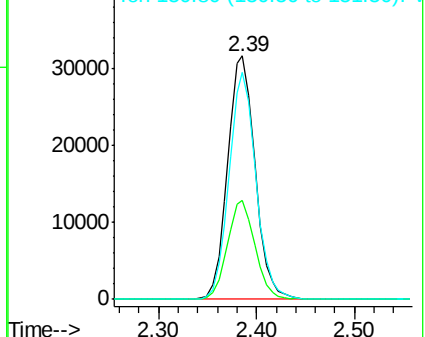
151 90.9 73.0 109.6



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: 27.68 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

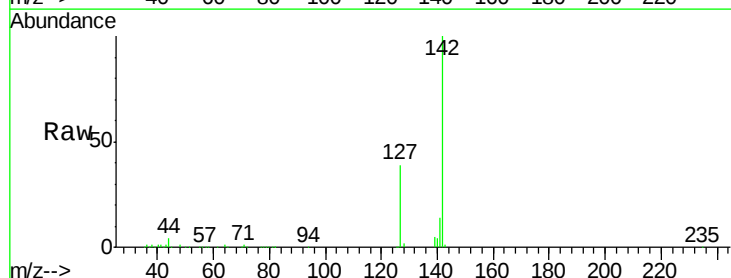
Tgt Ion:142 Resp: 76075

Ion Ratio Lower Upper

142 100

127 39.5 32.5 48.7

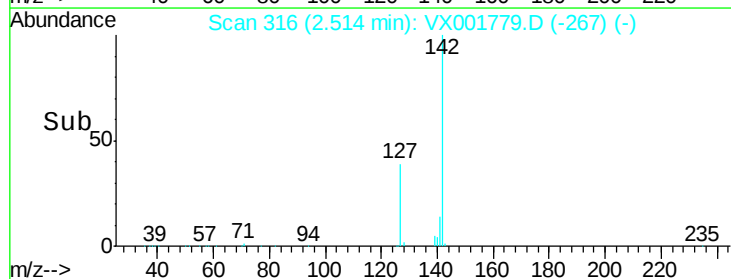
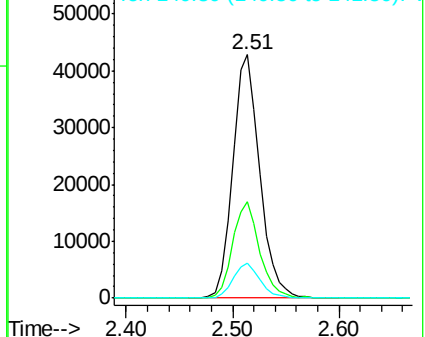
141 14.4 11.4 17.0

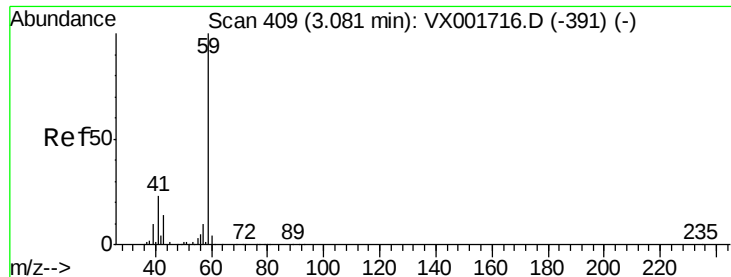


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

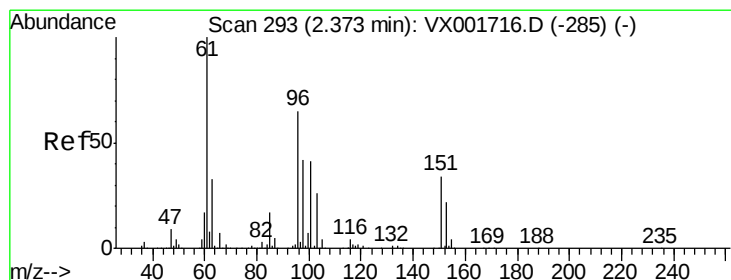
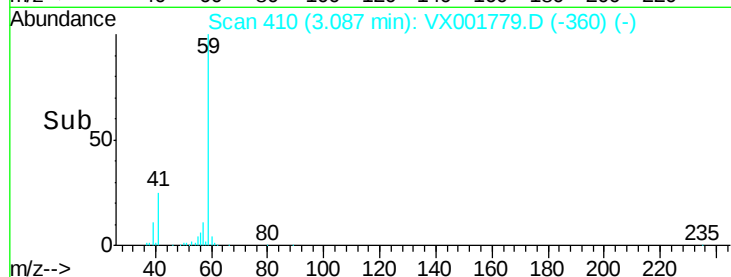
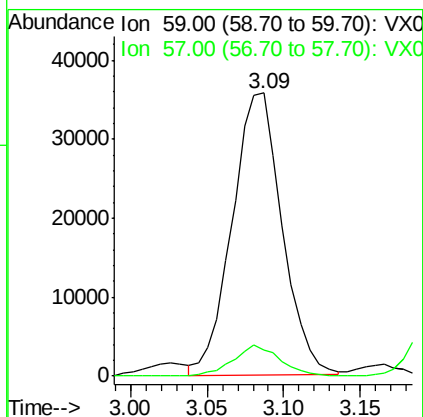
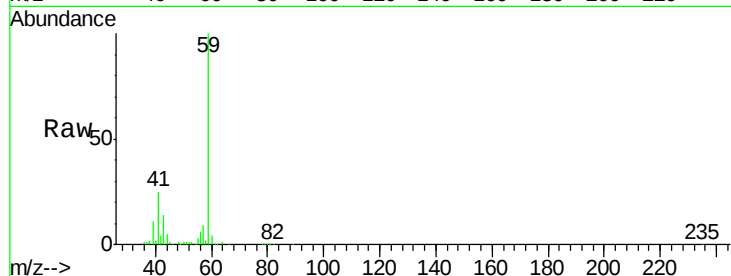




#11
Tert butyl alcohol
Concen: 116.90 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

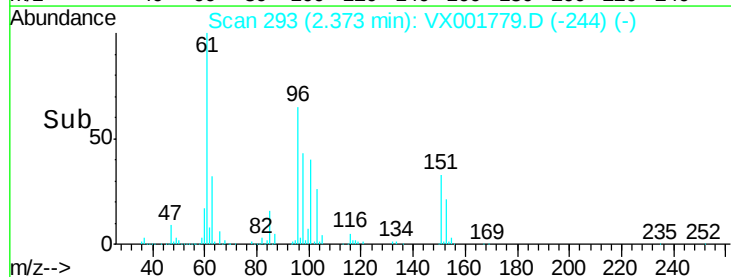
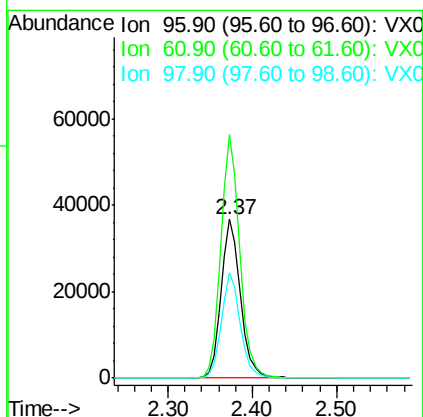
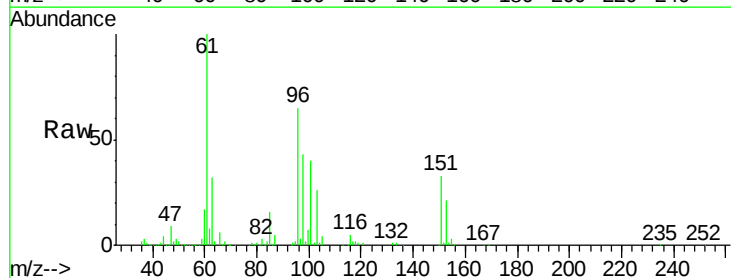
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

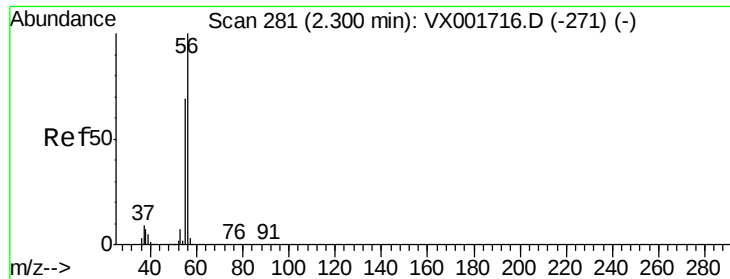
Tgt Ion: 59 Resp: 81053
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 20.28 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion: 96 Resp: 58394
Ion Ratio Lower Upper
96 100
61 153.0 122.2 183.2
98 65.9 51.4 77.0





#13

Acrolein

Concen: 96.50 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

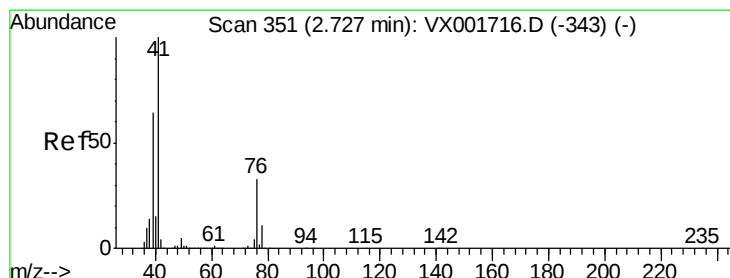
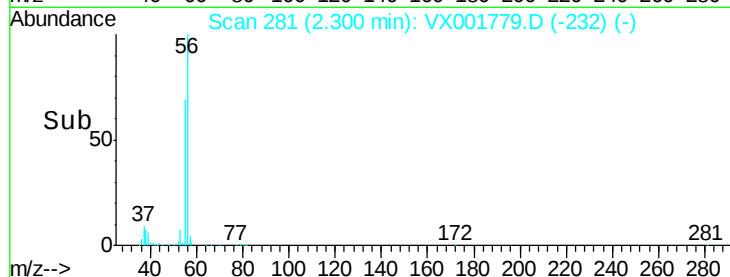
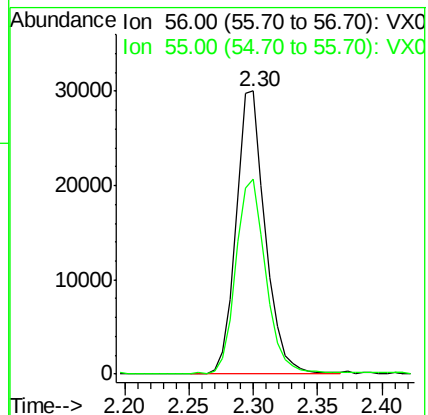
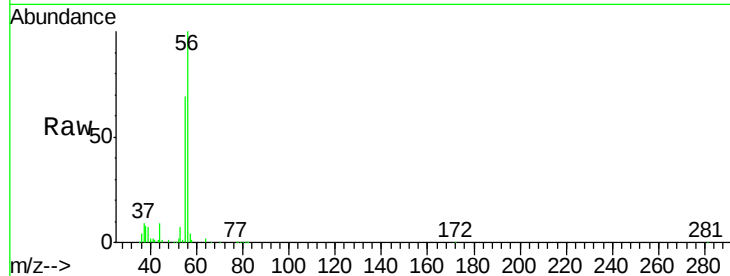
VX0516MBS01

Tgt Ion: 56 Resp: 47450

Ion Ratio Lower Upper

56 100

55 71.2 56.2 84.2



#14

Allyl chloride

Concen: 20.73 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

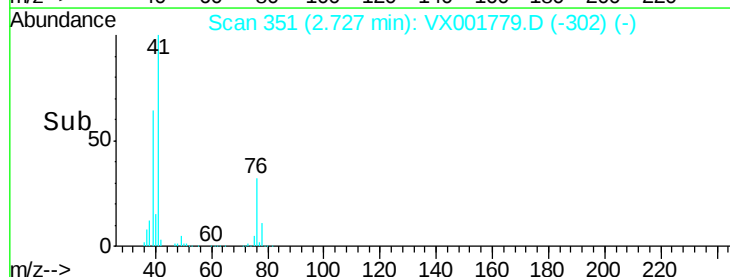
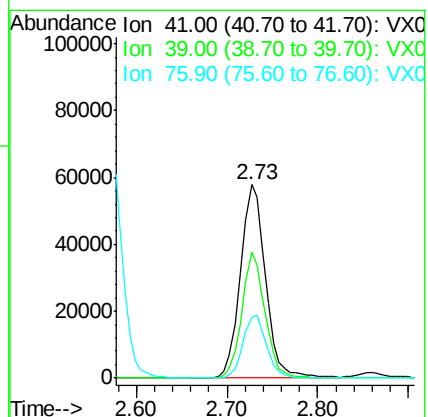
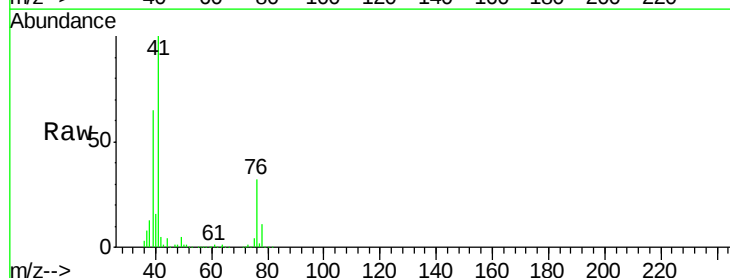
Tgt Ion: 41 Resp: 110318

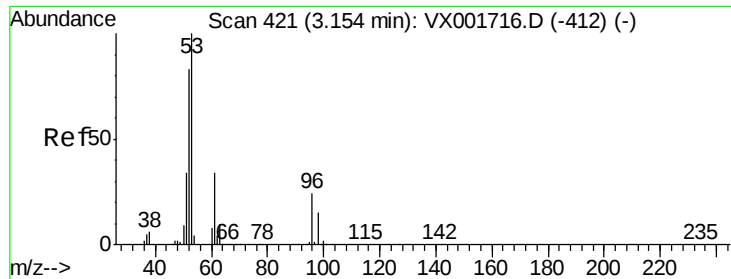
Ion Ratio Lower Upper

41 100

39 60.7 49.8 74.6

76 30.9 25.8 38.8





#15

Acrylonitrile

Concen: 109.72 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

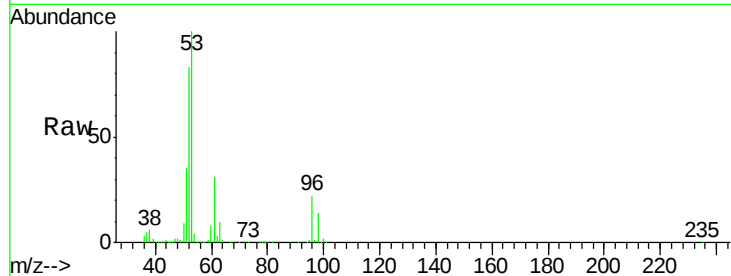
Tgt Ion: 53 Resp: 191065

Ion Ratio Lower Upper

53 100

52 82.0 65.6 98.4

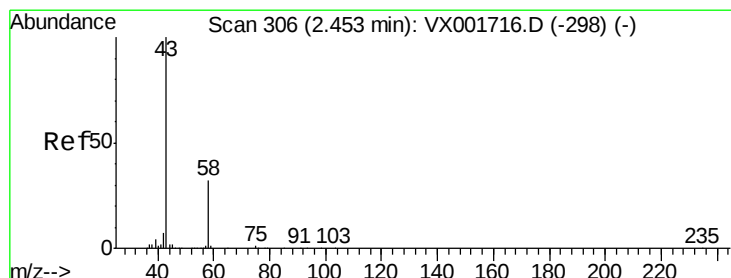
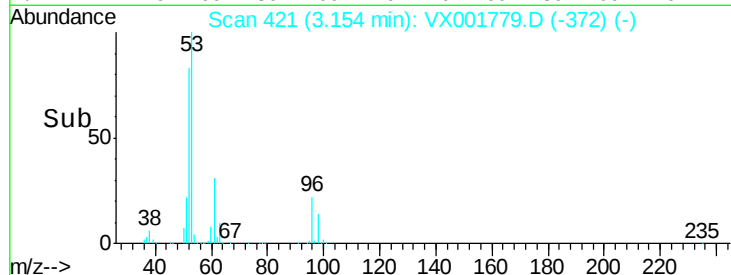
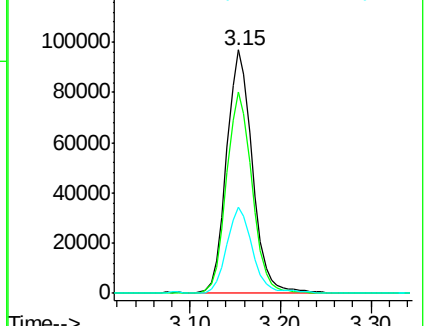
51 35.3 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 111.76 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001779.D

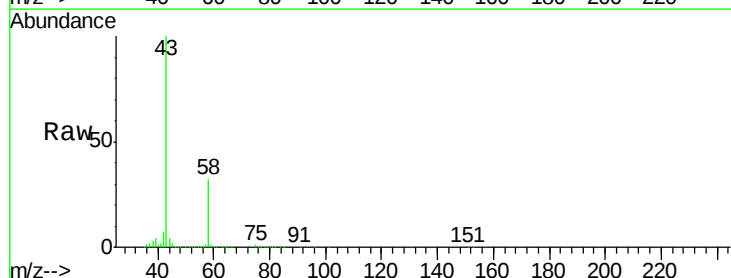
Acq: 16 May 2018 21:51

Tgt Ion: 43 Resp: 171423

Ion Ratio Lower Upper

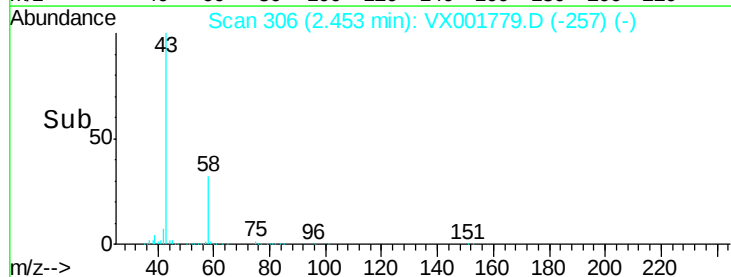
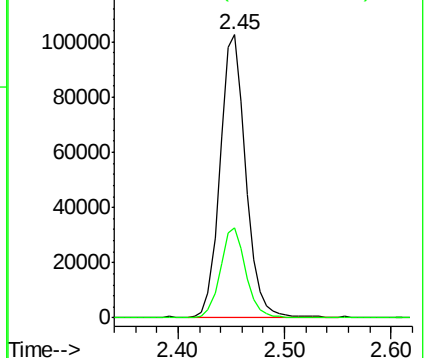
43 100

58 32.0 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.95 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

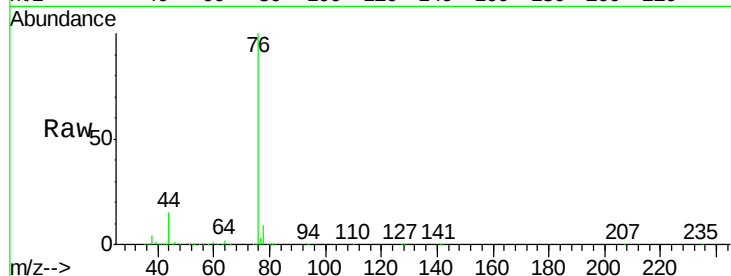
VX0516MBS01

Tgt Ion: 76 Resp: 134856

Ion Ratio Lower Upper

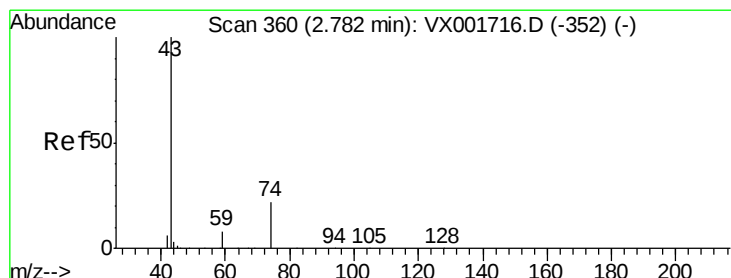
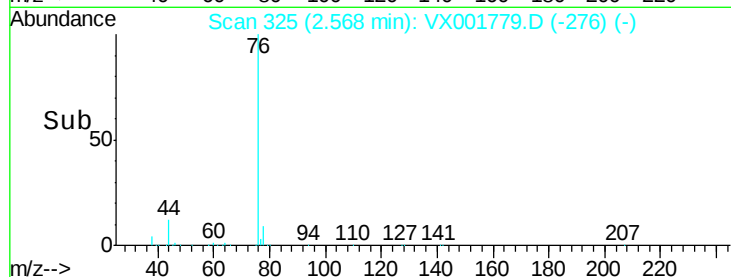
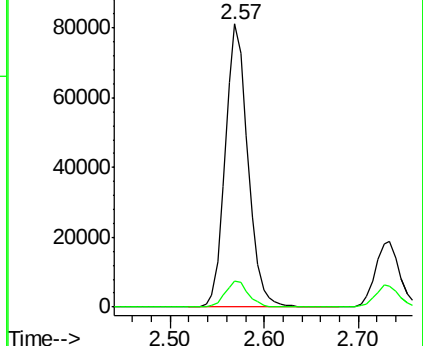
76 100

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



#18

Methyl Acetate

Concen: 23.38 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001779.D

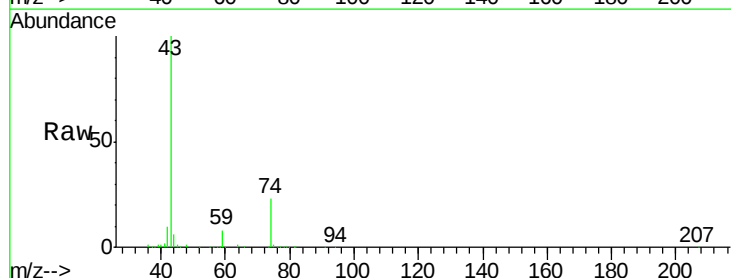
Acq: 16 May 2018 21:51

Tgt Ion: 43 Resp: 104821

Ion Ratio Lower Upper

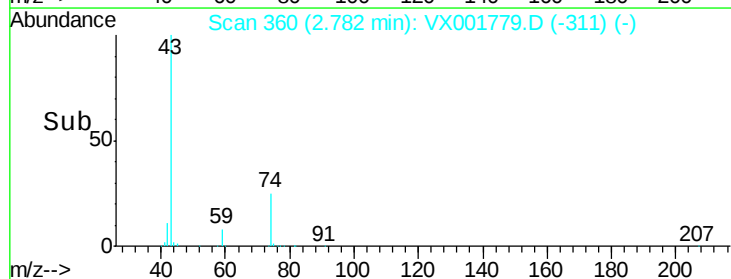
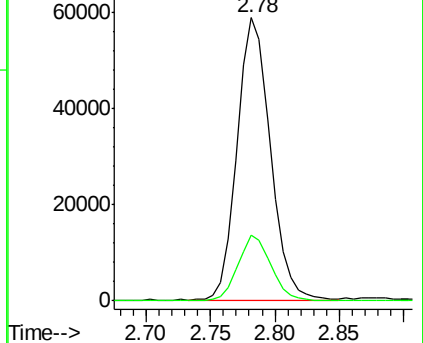
43 100

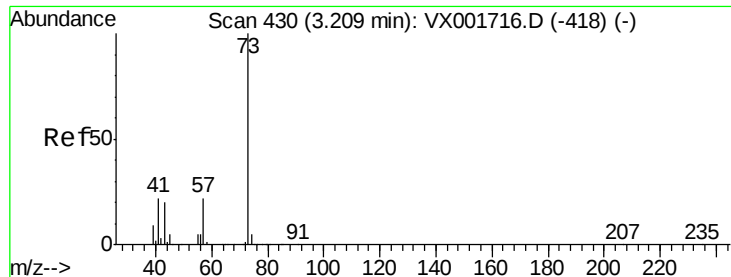
74 23.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

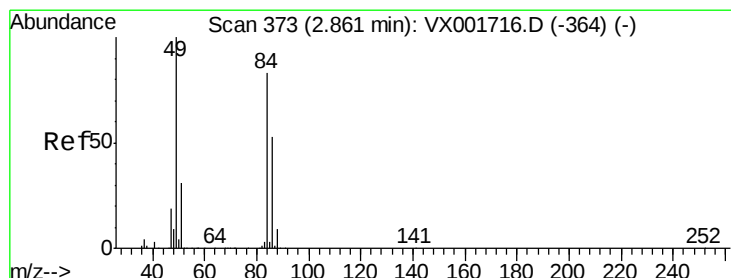
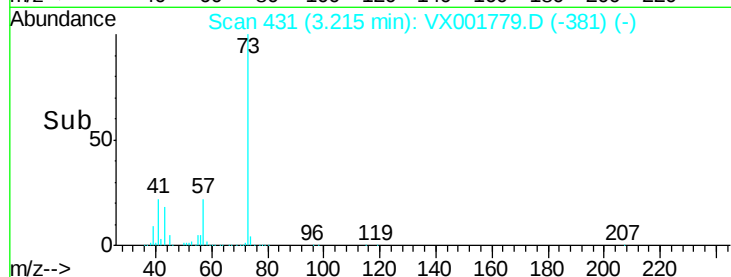
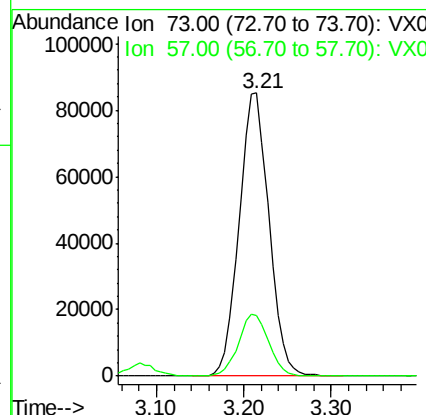
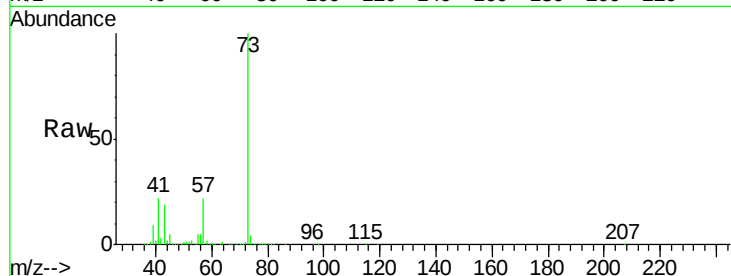




#19
Methyl tert-butyl Ether
Concen: 20.86 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

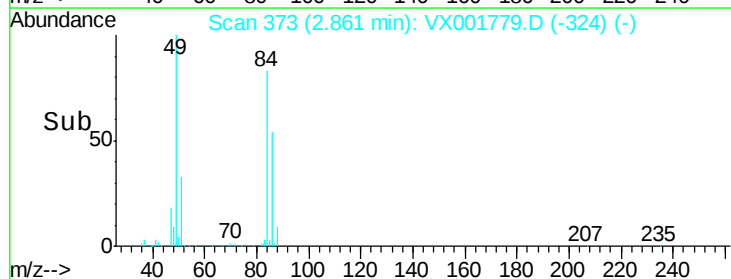
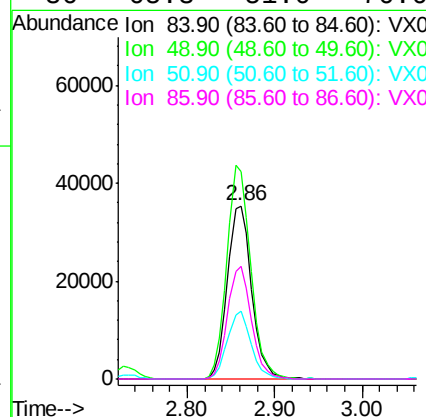
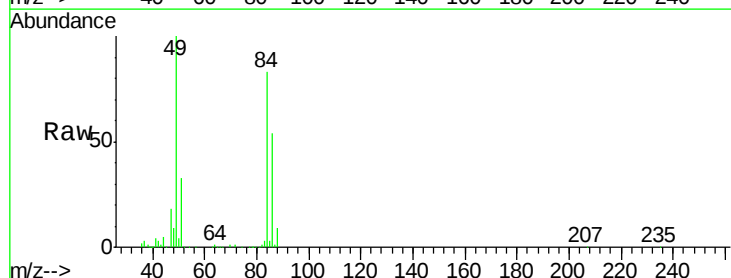
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

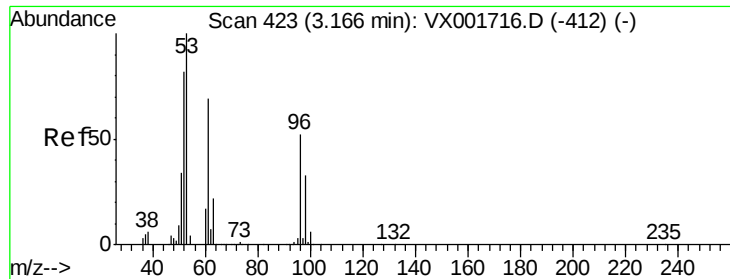
Tgt Ion: 73 Resp: 202472
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3



#20
Methylene Chloride
Concen: 20.80 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion: 84 Resp: 68304
Ion Ratio Lower Upper
84 100
49 120.0 96.3 144.5
51 39.4 29.8 44.6
86 65.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

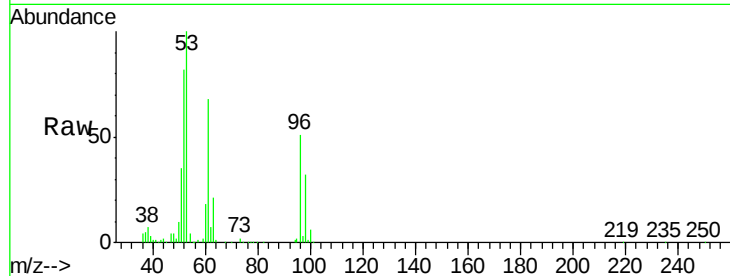
Tgt Ion: 96 Resp: 62153

Ion Ratio Lower Upper

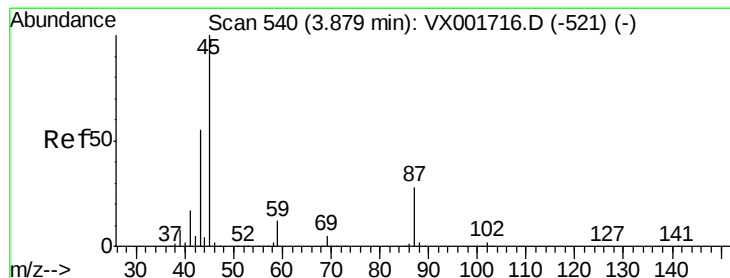
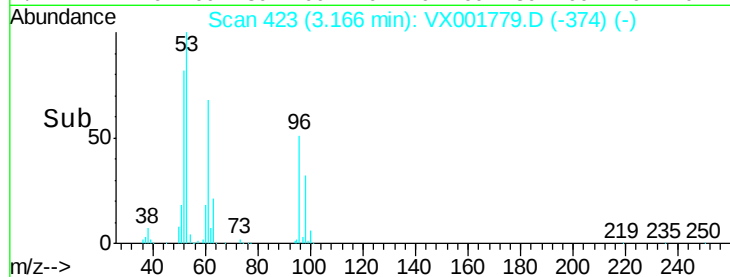
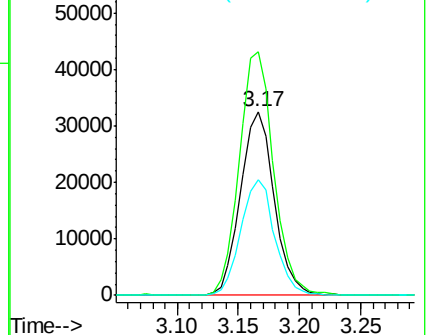
96 100

61 132.1 105.8 158.8

98 62.7 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: 20.87 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Tgt Ion: 45 Resp: 213063

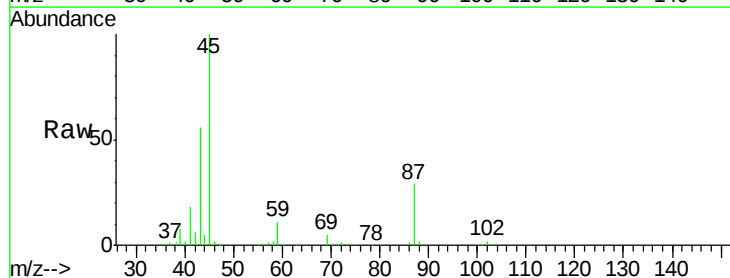
Ion Ratio Lower Upper

45 100

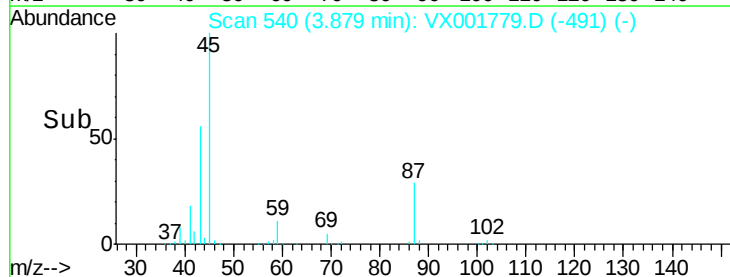
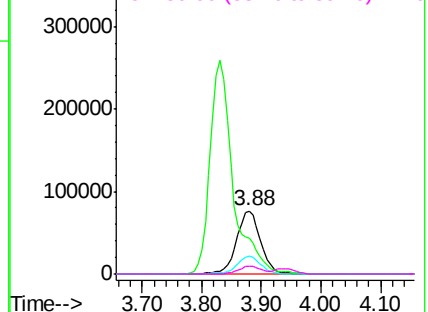
43 55.6 44.3 66.5

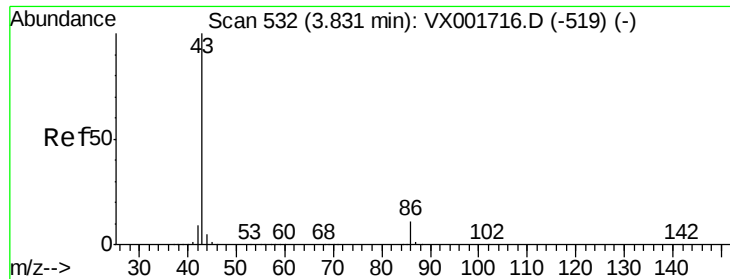
87 28.8 22.6 33.8

59 11.4 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: 93.99 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

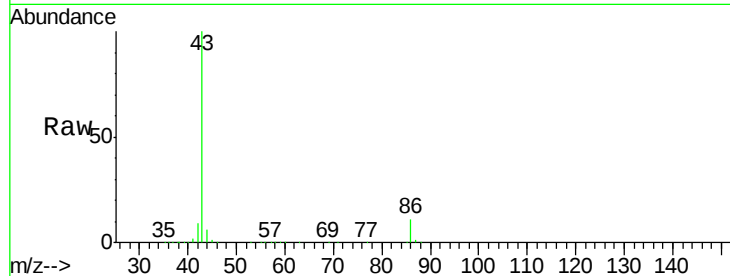
VX0516MBS01

Tgt Ion: 43 Resp: 691460

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

300000

250000

200000

150000

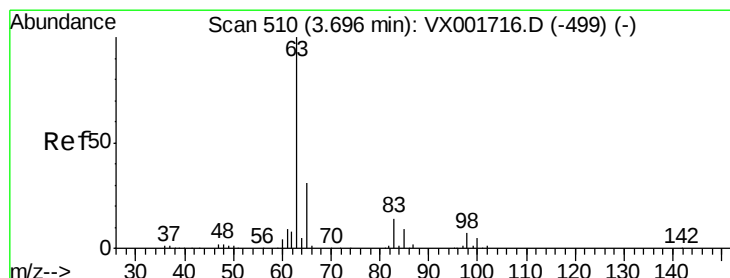
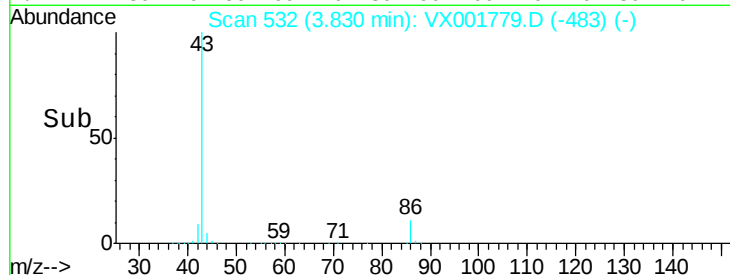
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 21.09 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

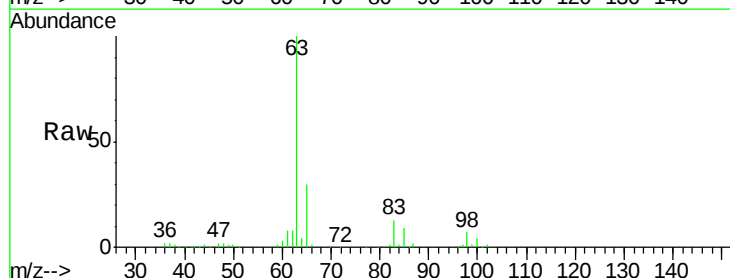
Tgt Ion: 63 Resp: 118076

Ion Ratio Lower Upper

63 100

98 7.1 3.7 11.1

100 4.4 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

60000

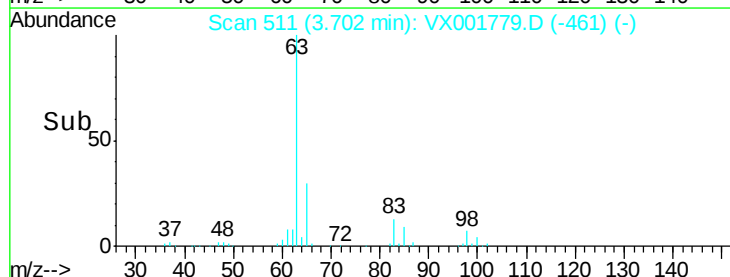
40000

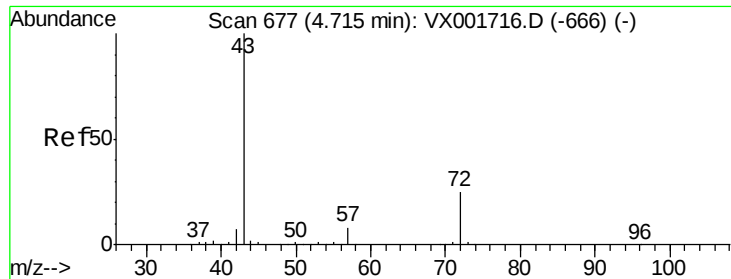
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 112.74 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

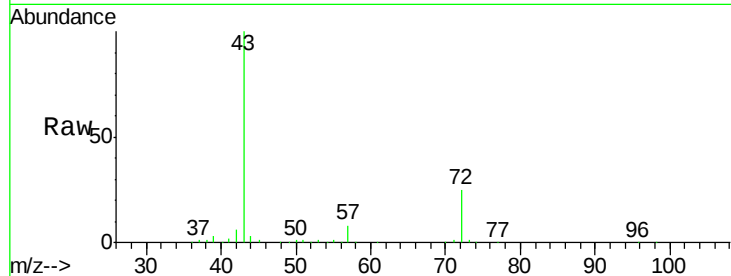
VX0516MBS01

Tgt Ion: 43 Resp: 264741

Ion Ratio Lower Upper

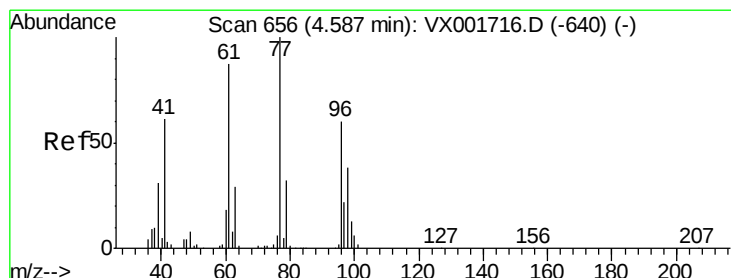
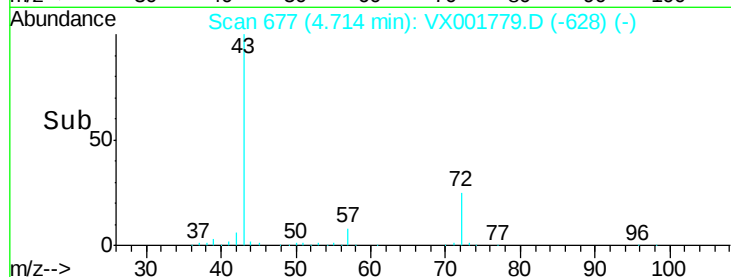
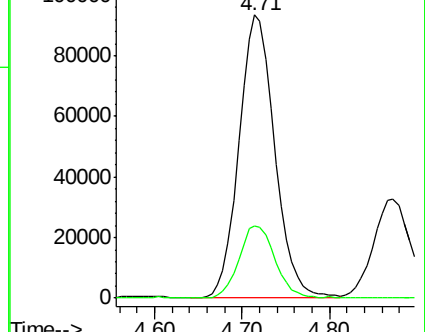
43 100

72 25.5 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.69 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001779.D

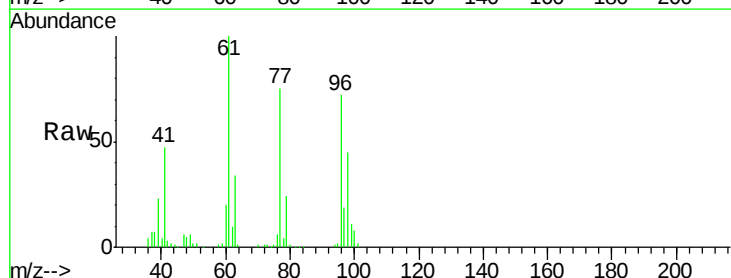
Acq: 16 May 2018 21:51

Tgt Ion: 77 Resp: 75233

Ion Ratio Lower Upper

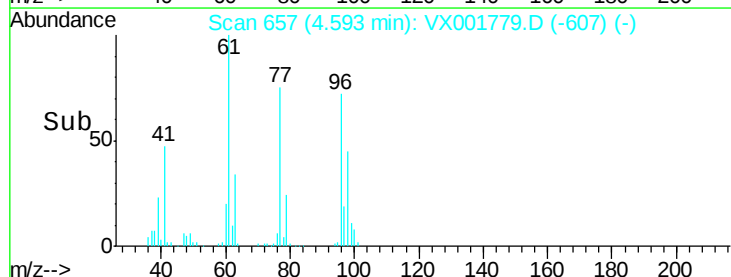
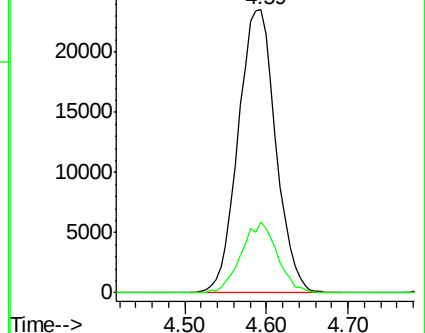
77 100

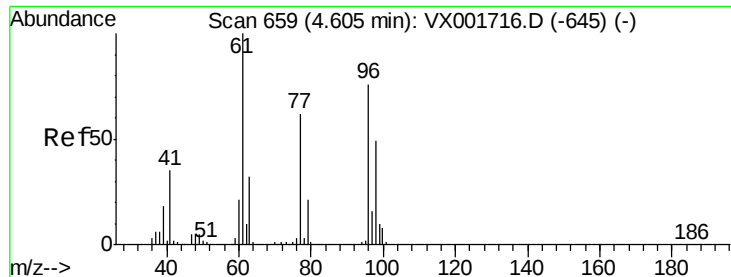
97 24.1 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

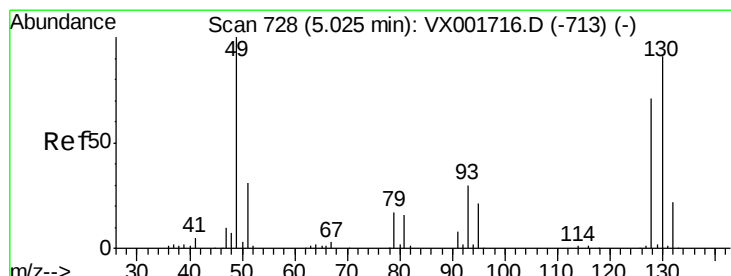
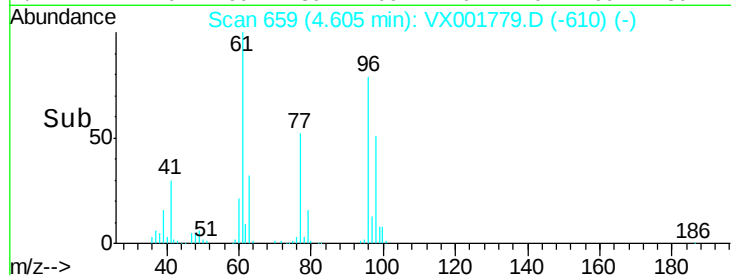
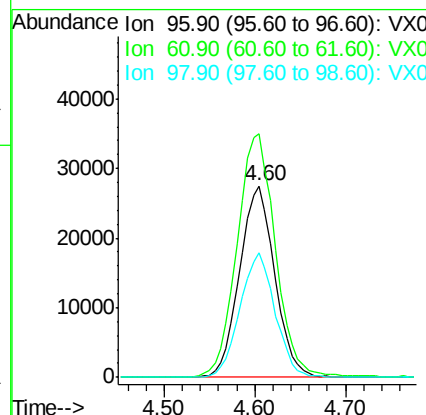
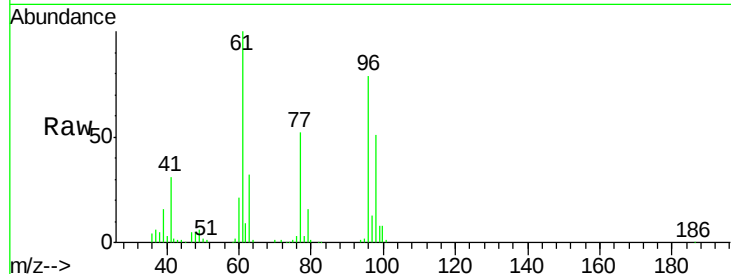




#27
 cis-1,2-Dichloroethene
 Concen: 20.48 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

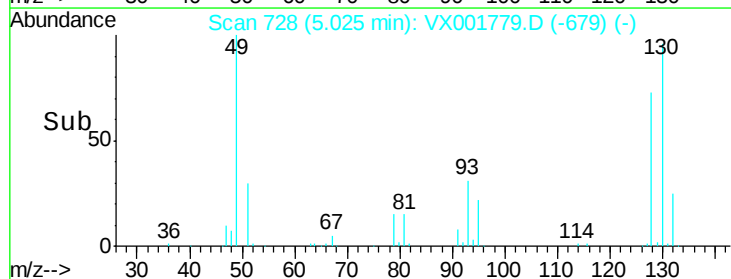
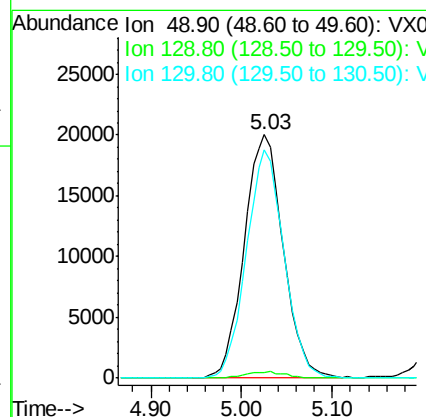
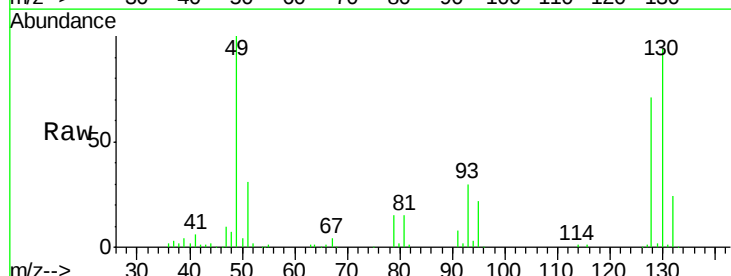
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

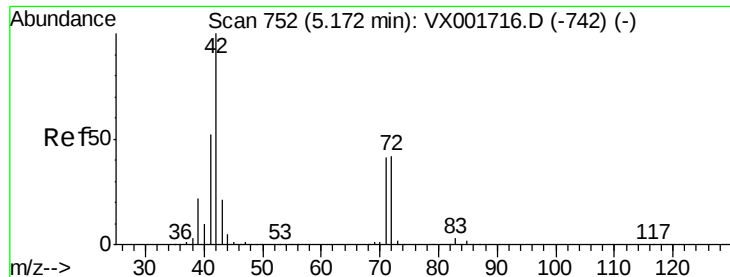
Tgt Ion: 96 Resp: 73932
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 280.4
 98 65.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 23.94 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion: 49 Resp: 59550
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 90.7 71.8 107.6





#29

Tetrahydrofuran

Concen: 110.37 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

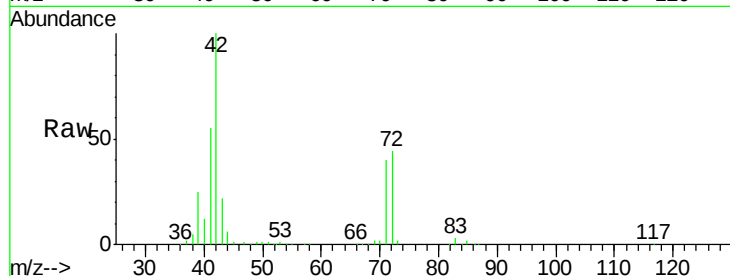
Tgt Ion: 42 Resp: 168952

Ion Ratio Lower Upper

42 100

72 45.0 35.4 53.2

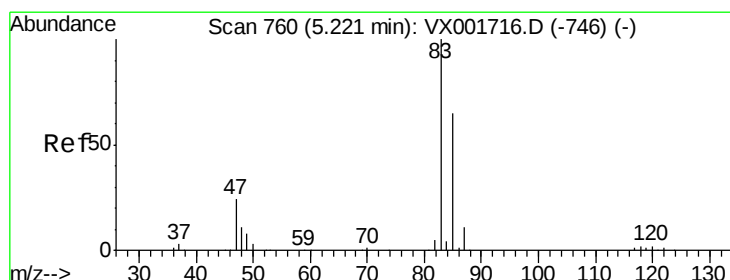
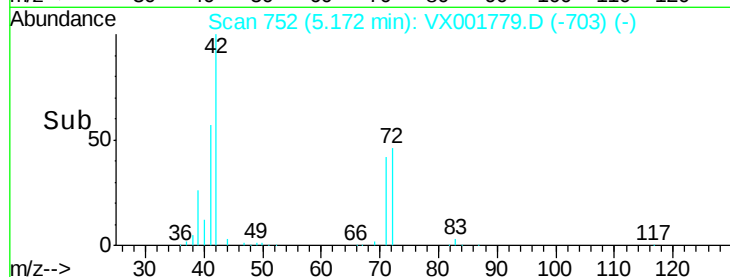
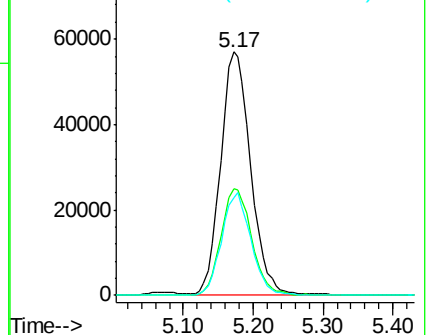
71 41.5 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.15 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001779.D

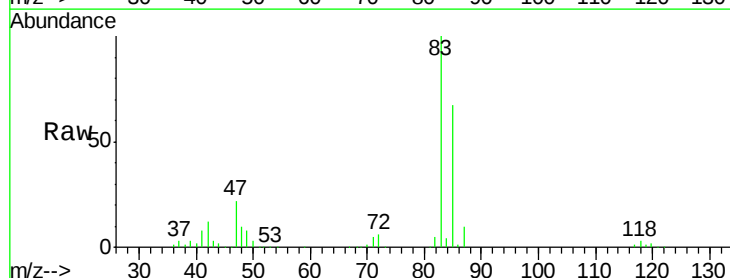
Acq: 16 May 2018 21:51

Tgt Ion: 83 Resp: 124409

Ion Ratio Lower Upper

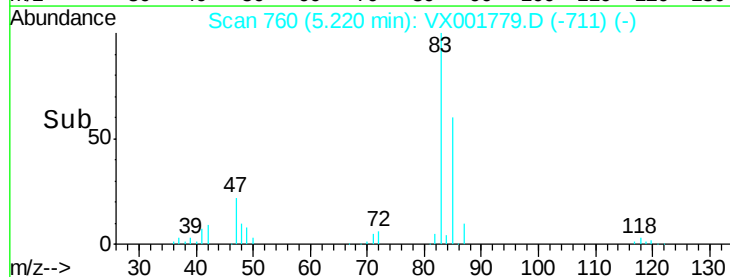
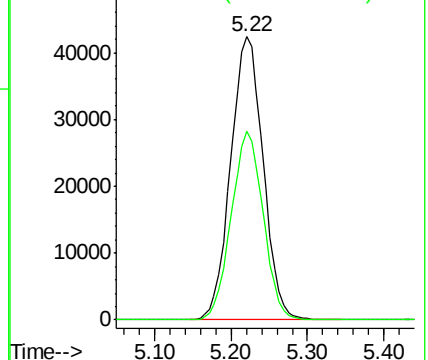
83 100

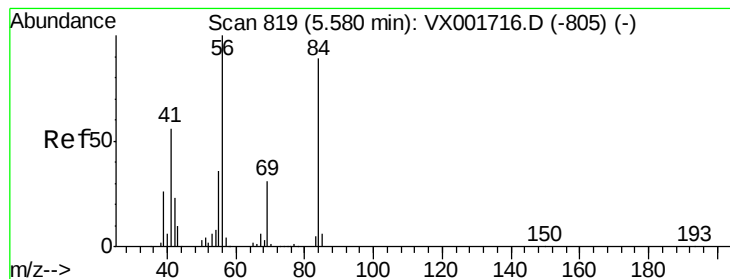
85 66.8 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.58 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

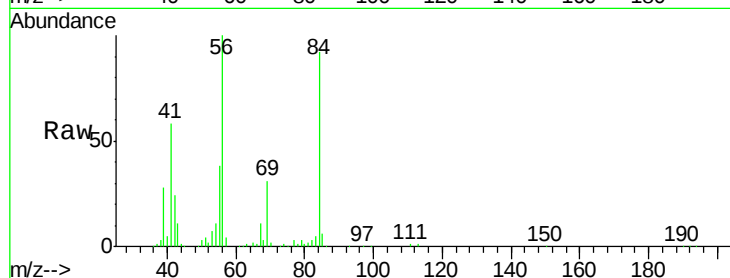
Tgt Ion: 56 Resp: 101021

Ion Ratio Lower Upper

56 100

69 30.5 25.0 37.6

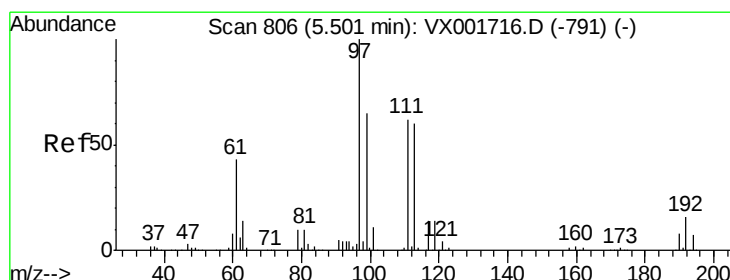
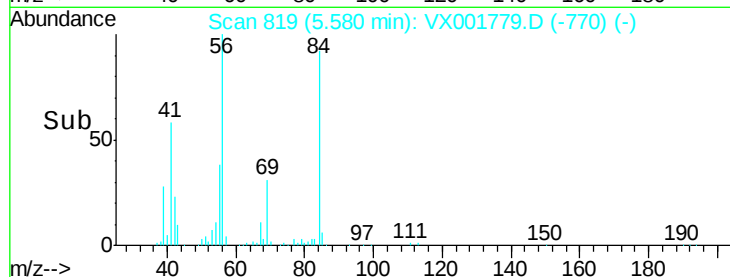
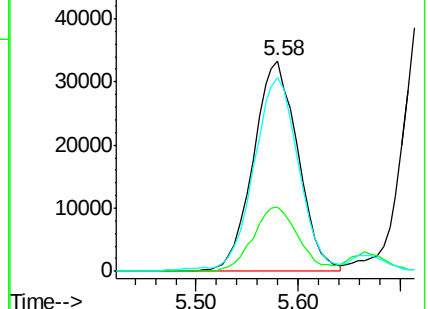
84 90.2 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

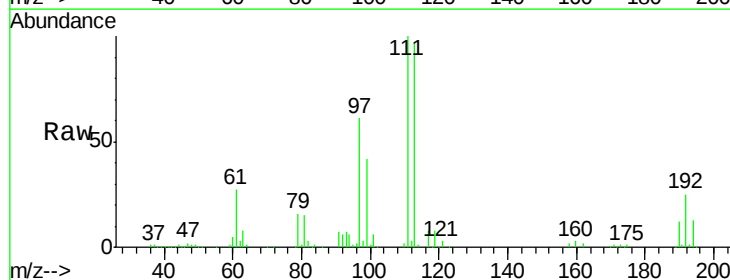
Tgt Ion: 97 Resp: 105377

Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

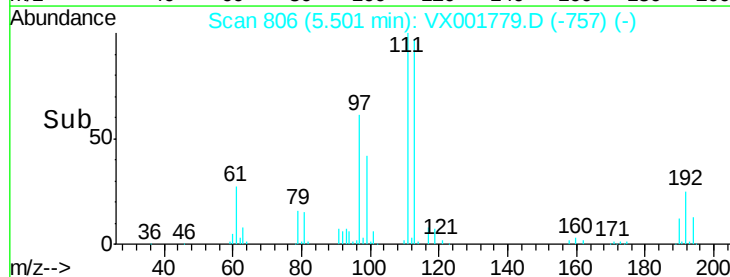
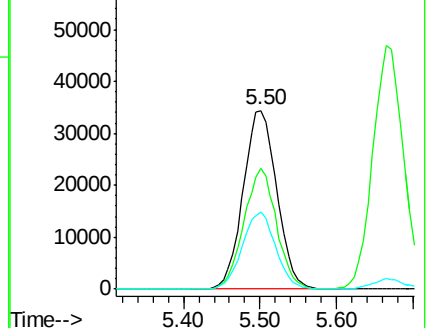
61 42.9 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.86 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

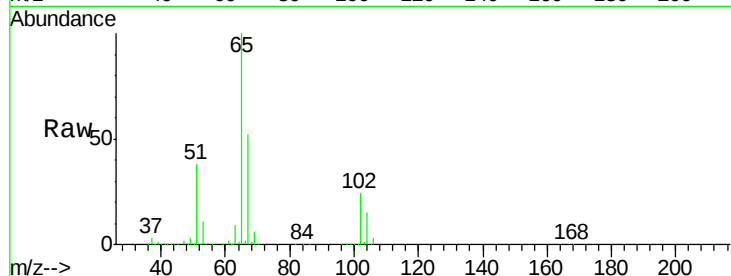
VX0516MBS01

Tgt Ion: 65 Resp: 194718

Ion Ratio Lower Upper

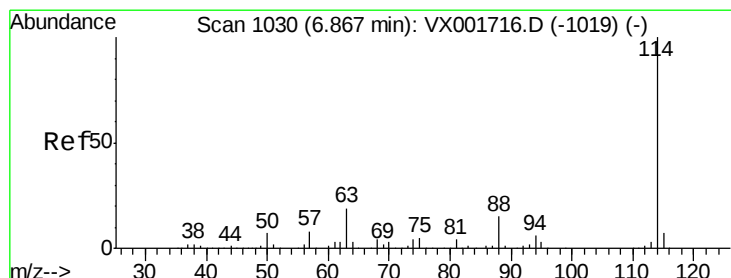
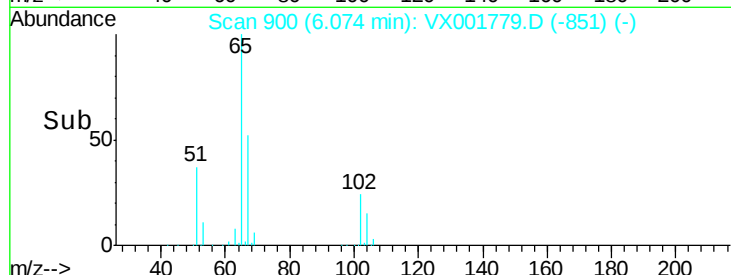
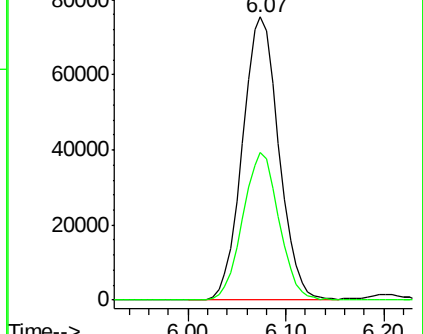
65 100

67 51.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

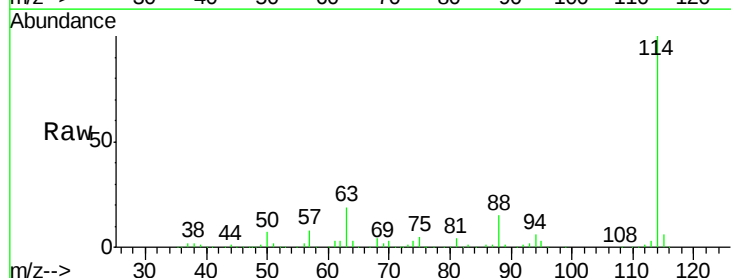
Tgt Ion: 114 Resp: 377564

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.0

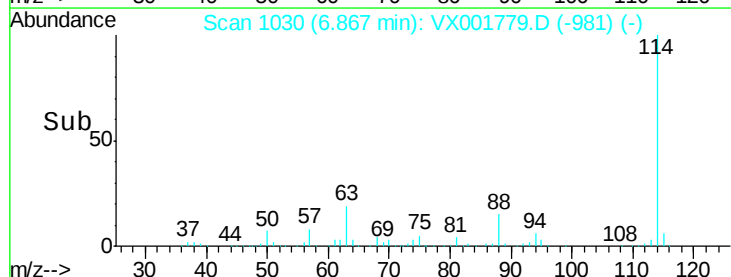
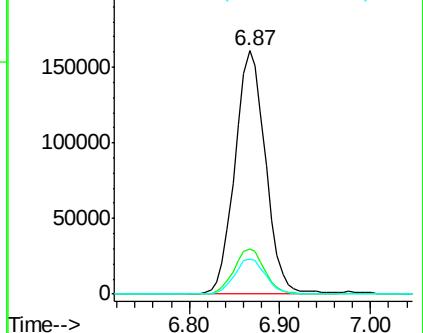
88 14.6 0.0 29.8

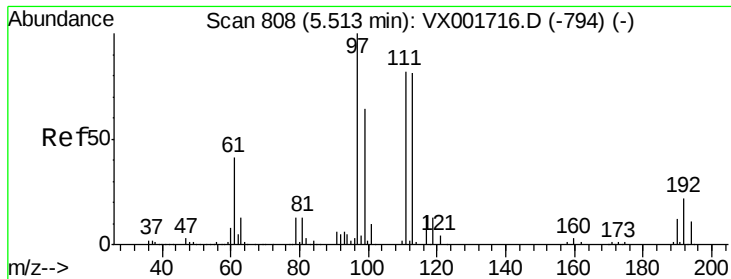


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.64 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

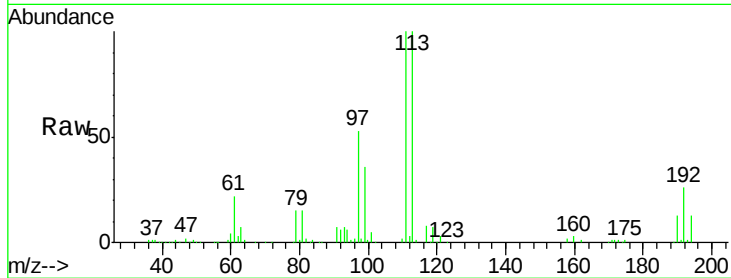
Tgt Ion:113 Resp: 167734

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

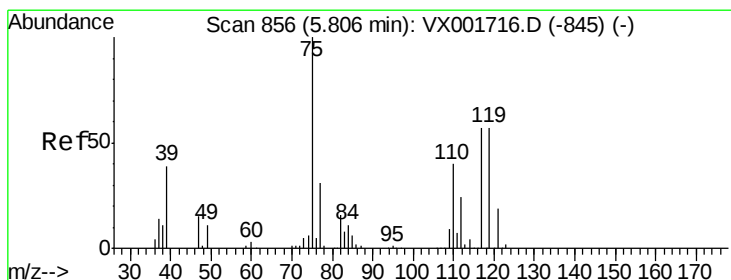
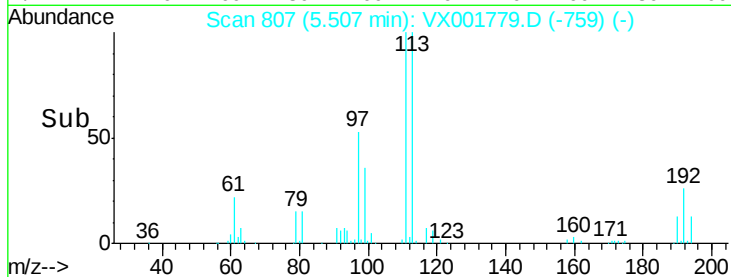
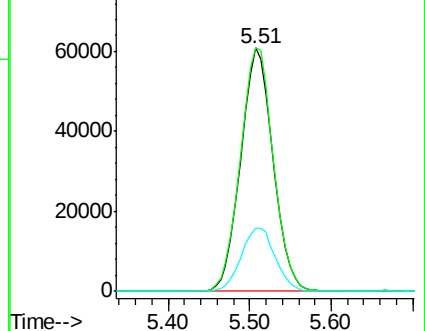
192 27.5 21.6 32.4



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: 19.96 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

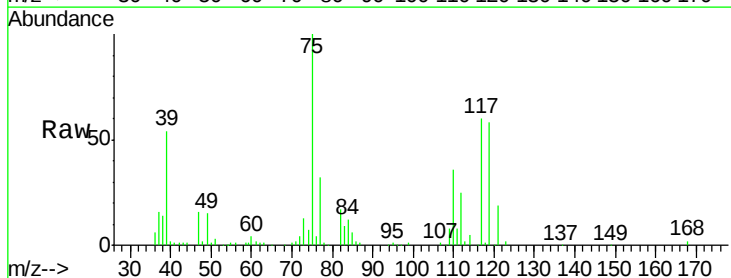
Tgt Ion: 75 Resp: 86774

Ion Ratio Lower Upper

75 100

110 37.6 19.1 57.1

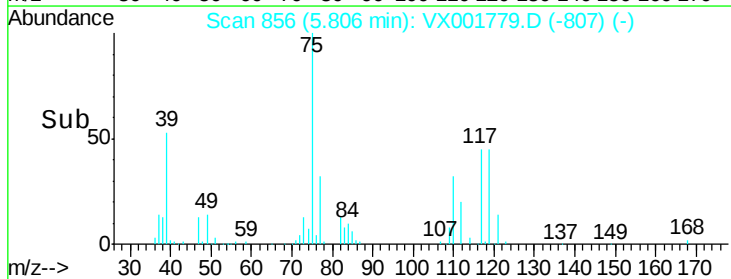
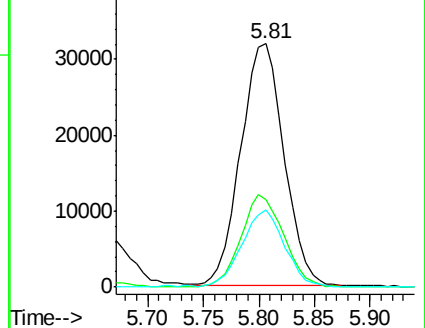
77 31.3 24.6 37.0

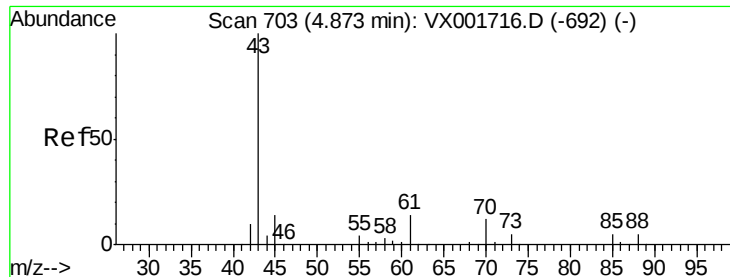


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.43 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

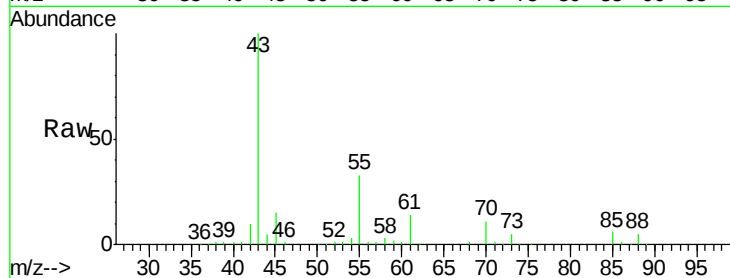
Tgt Ion: 43 Resp: 97050

Ion Ratio Lower Upper

43 100

61 13.9 10.9 16.3

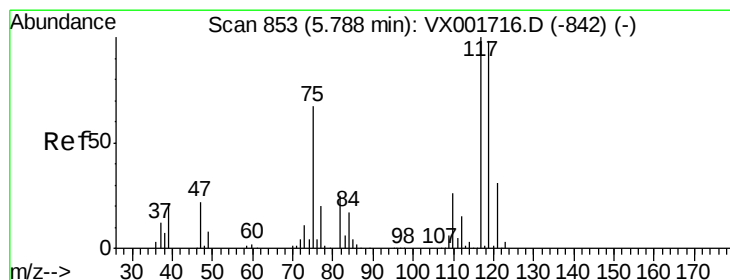
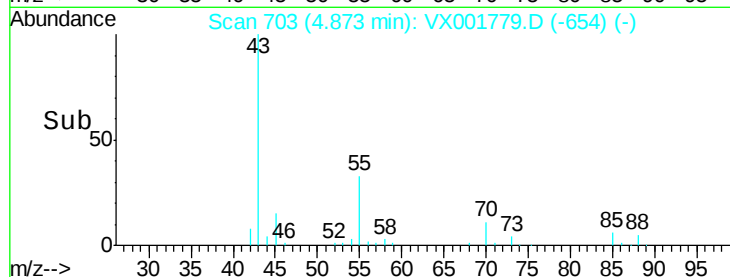
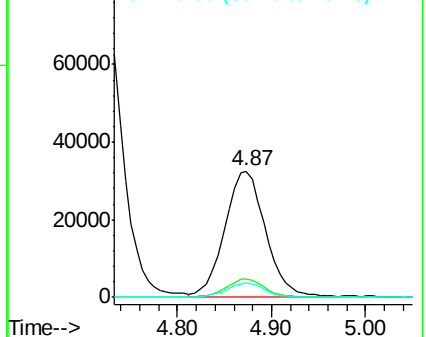
70 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.68 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

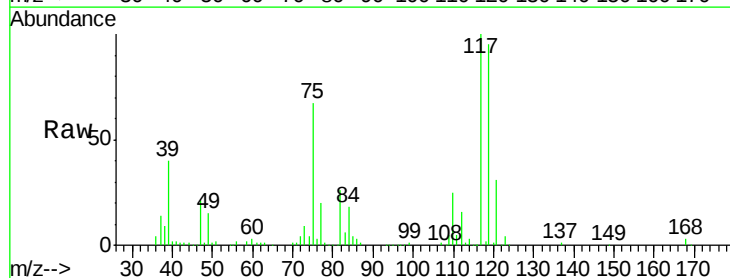
Tgt Ion: 117 Resp: 94155

Ion Ratio Lower Upper

117 100

119 94.7 77.6 116.4

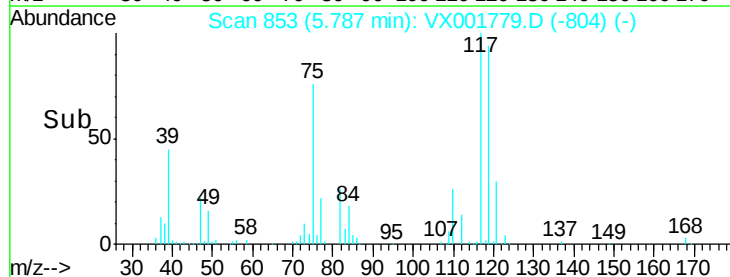
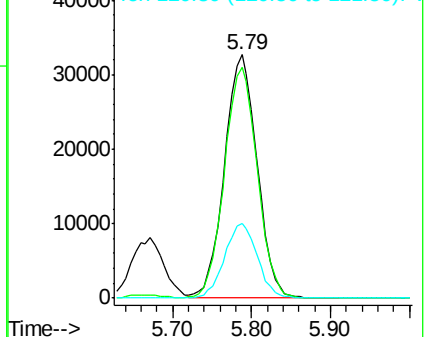
121 30.7 24.6 36.8

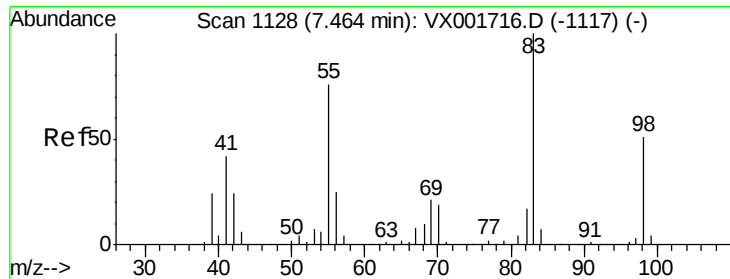


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

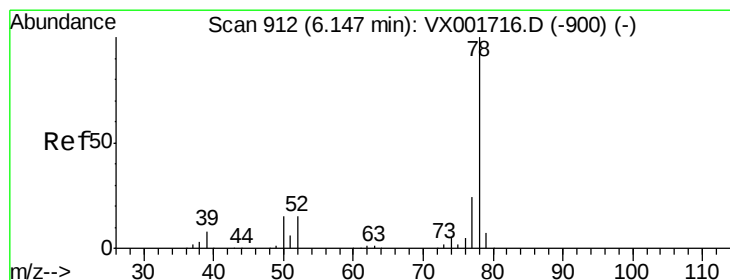
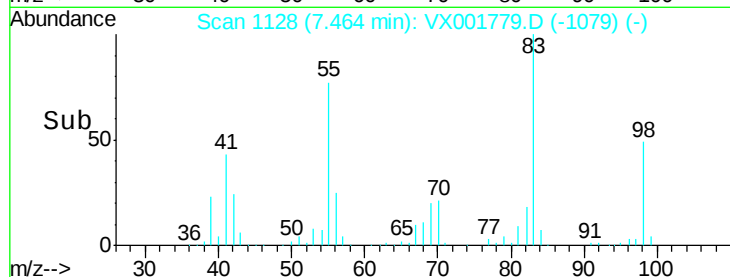
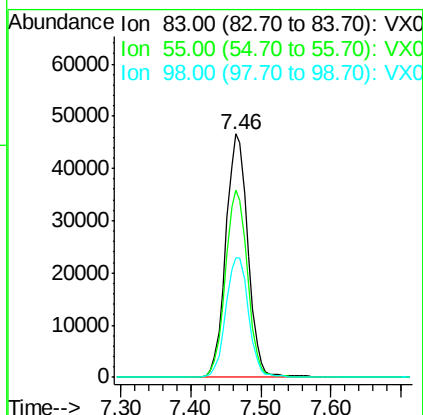
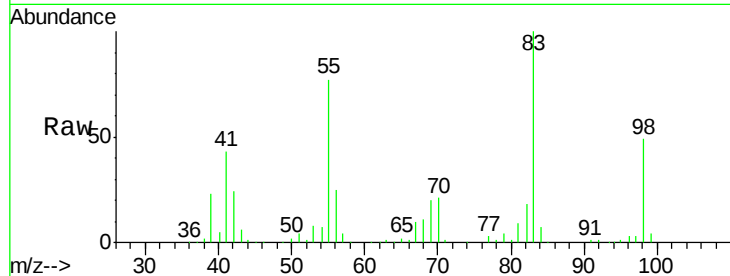




#39
Methylcyclohexane
Concen: 20.16 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

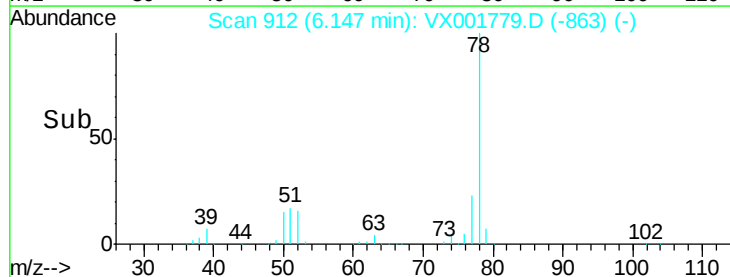
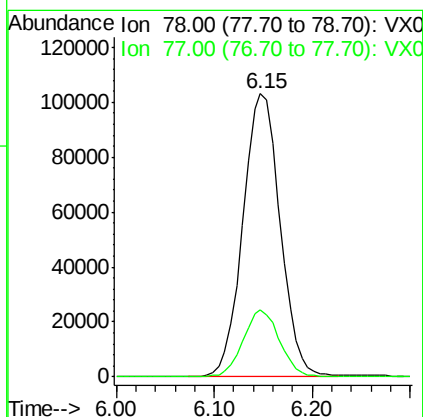
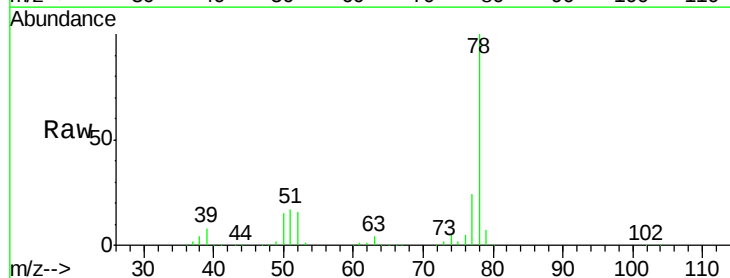
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

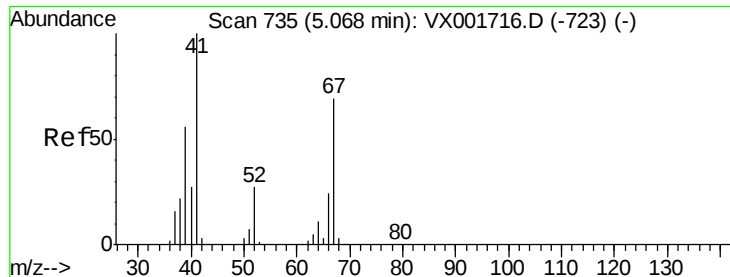
Tgt Ion: 83 Resp: 102378
Ion Ratio Lower Upper
83 100
55 76.7 60.6 90.8
98 48.9 40.4 60.6



#40
Benzene
Concen: 21.28 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion: 78 Resp: 272567
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

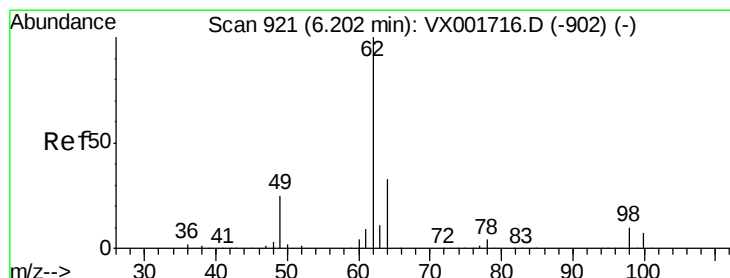
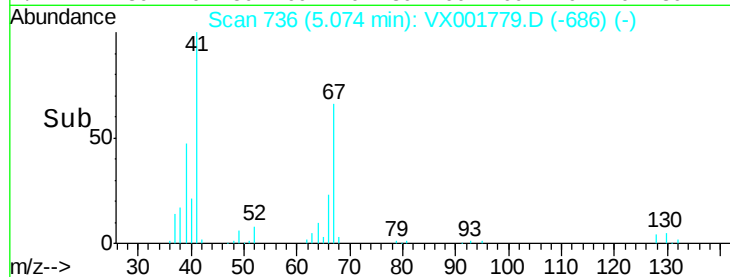
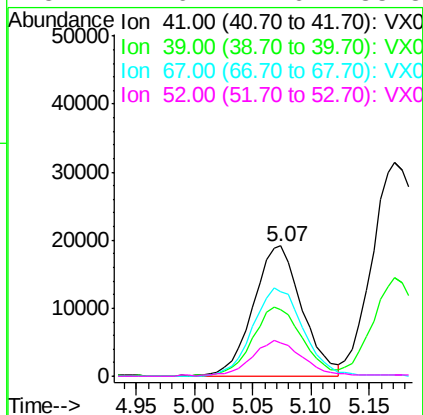
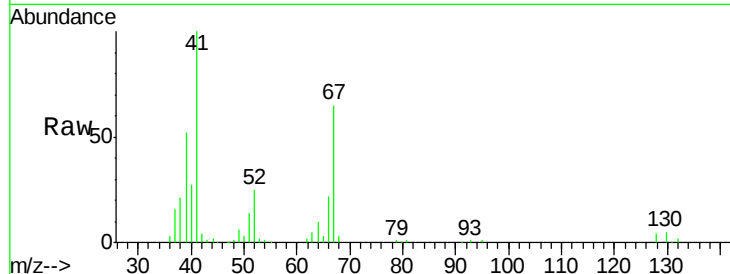




#41
Methacrylonitrile
Concen: 21.30 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

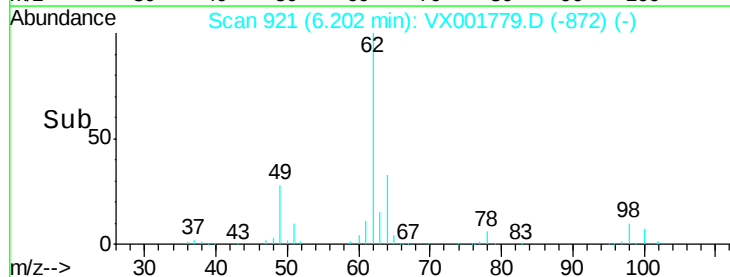
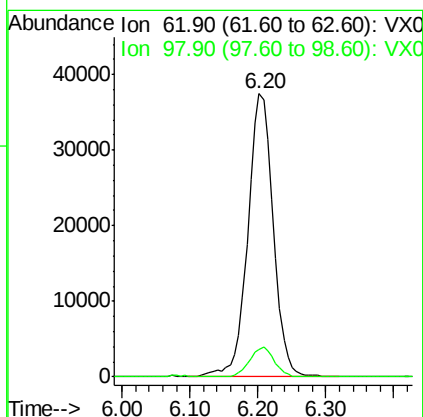
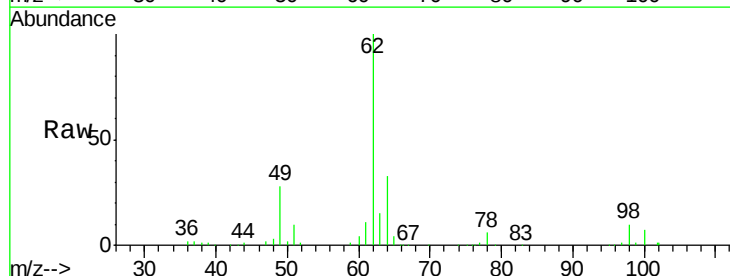
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

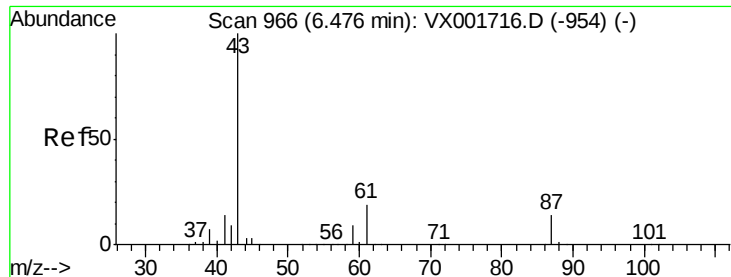
Tgt Ion:	41	Resp:	55784
Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.2	66.4
67	69.9	56.0	84.0
52	27.6	22.6	33.8



#42
1,2-Dichloroethane
Concen: 20.94 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion:	62	Resp:	96983
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0

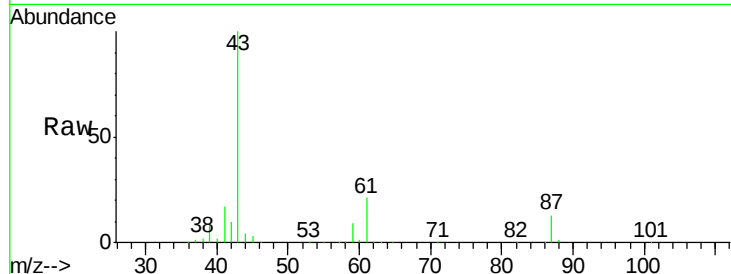




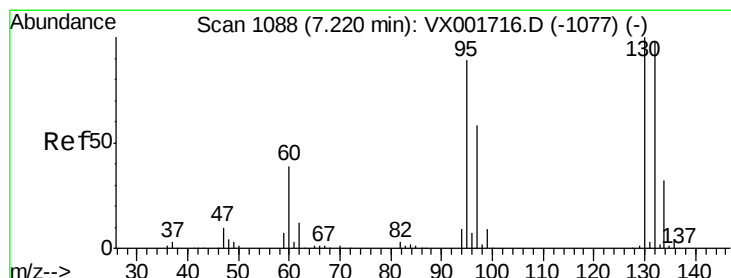
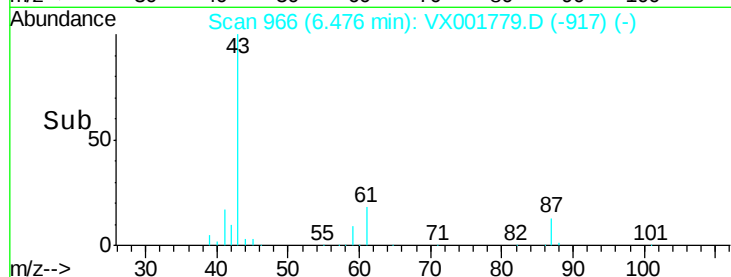
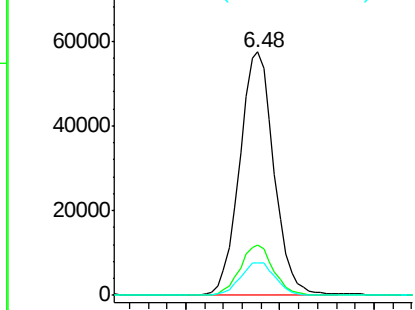
#43
Isopropyl Acetate
Concen: 20.51 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

Tgt Ion: 43 Resp: 145411
Ion Ratio Lower Upper
43 100
61 20.3 15.8 23.8
87 13.9 11.0 16.4

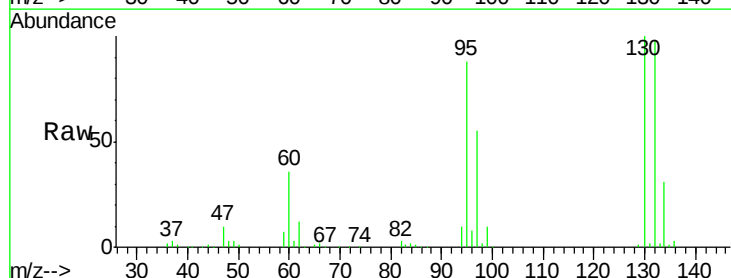


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

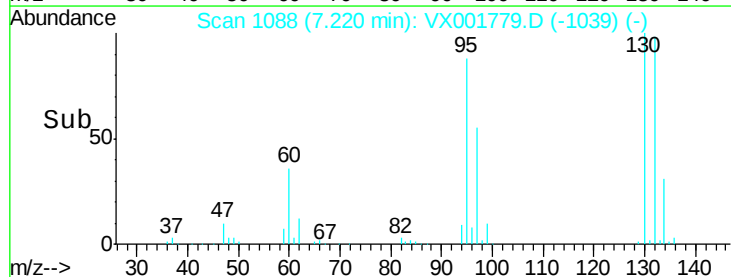
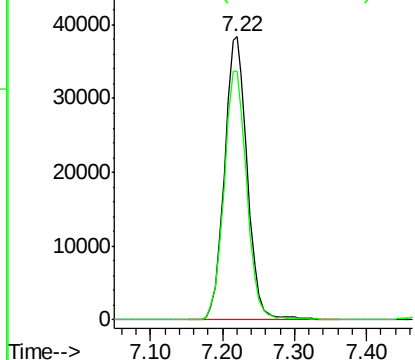


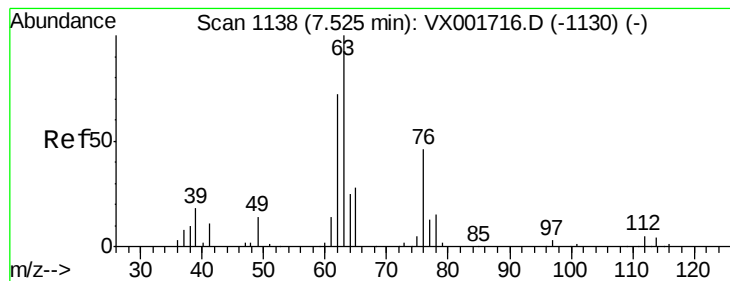
#44
Trichloroethene
Concen: 21.23 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion: 130 Resp: 84394
Ion Ratio Lower Upper
130 100
95 87.9 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.74 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

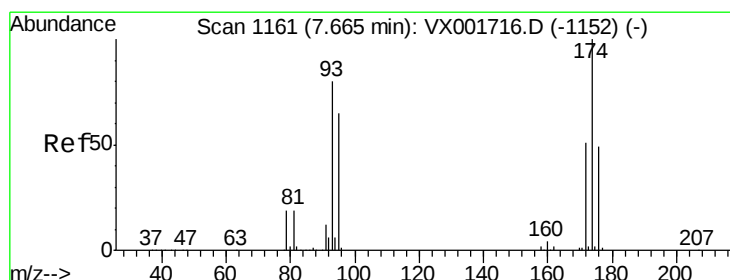
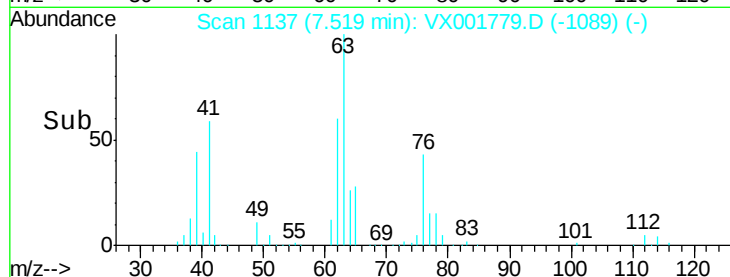
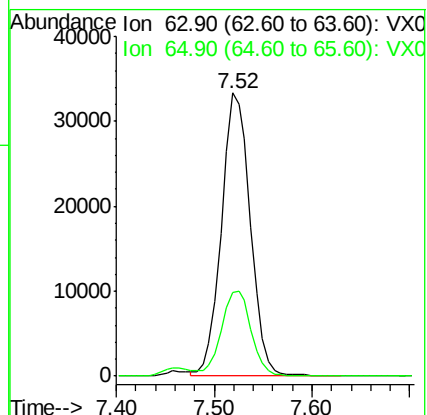
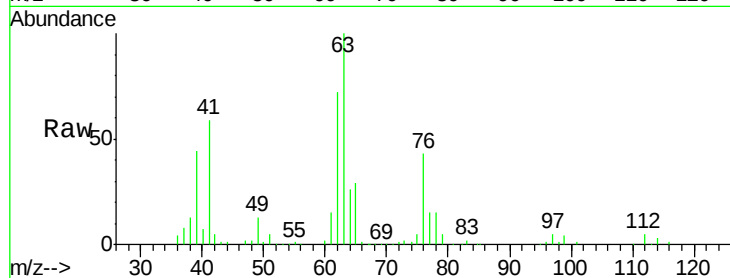
VX0516MBS01

Tgt Ion: 63 Resp: 68329

Ion Ratio Lower Upper

63 100

65 29.1 24.2 36.2



#46

Dibromomethane

Concen: 21.38 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

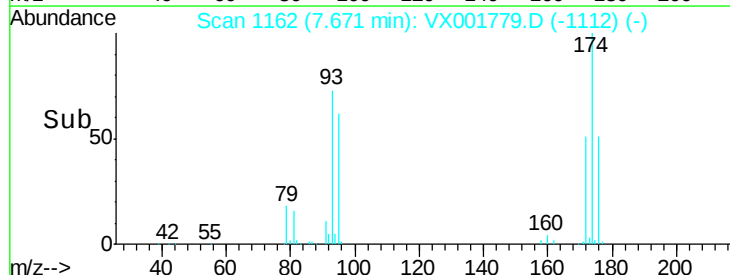
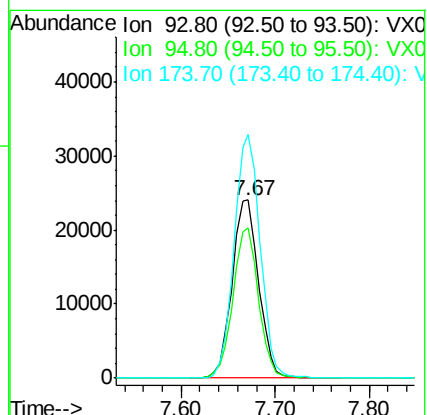
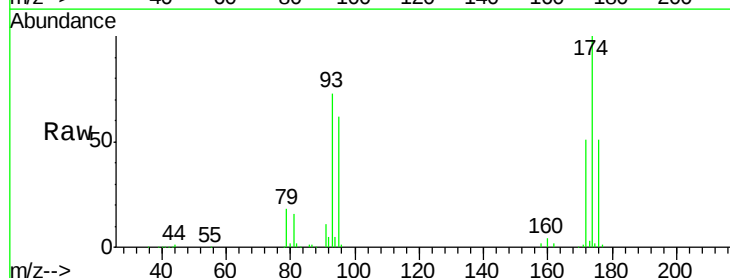
Tgt Ion: 93 Resp: 47173

Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

174 133.6 106.2 159.2





#47

Bromodichloromethane

Concen: 21.09 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

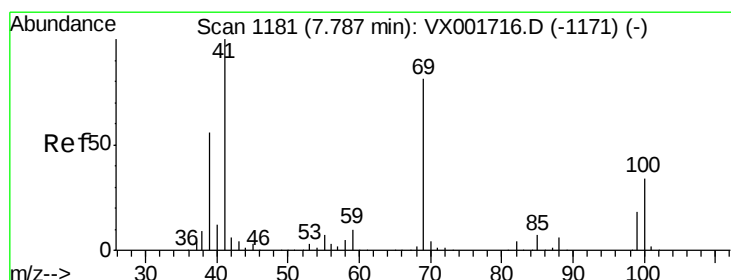
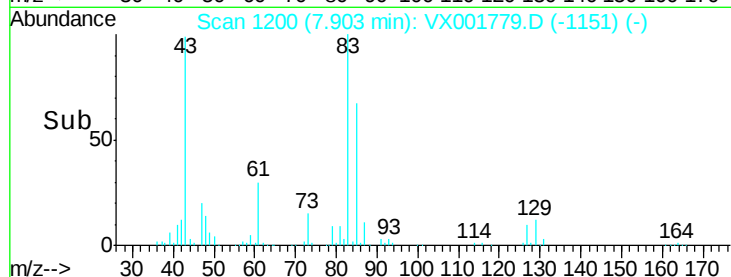
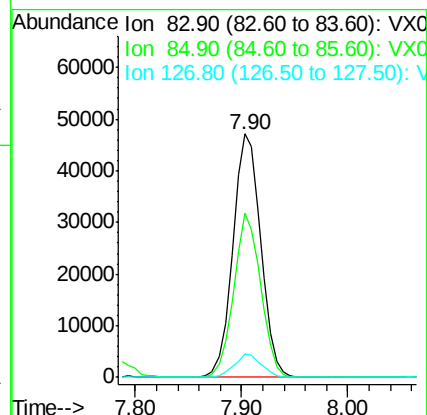
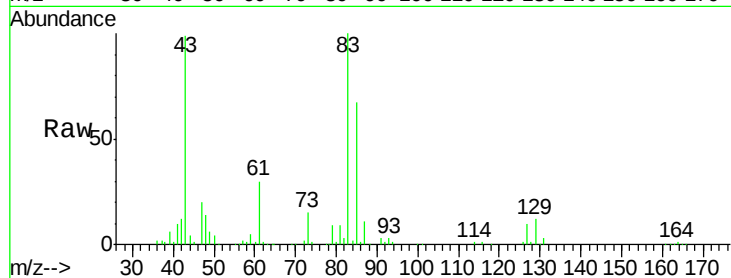
Tgt Ion: 83 Resp: 86356

Ion Ratio Lower Upper

83 100

85 67.3 49.6 74.4

127 9.7 7.5 11.3



#48

Methyl methacrylate

Concen: 21.07 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

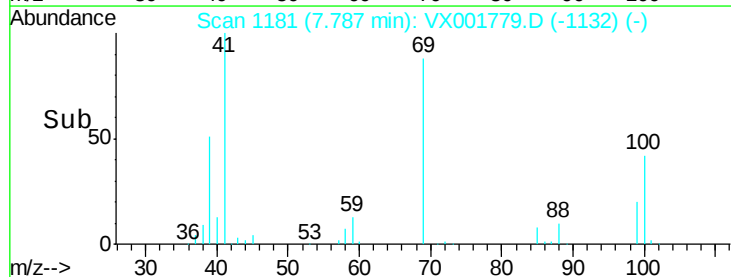
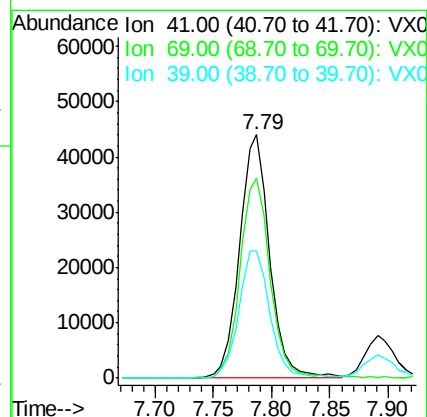
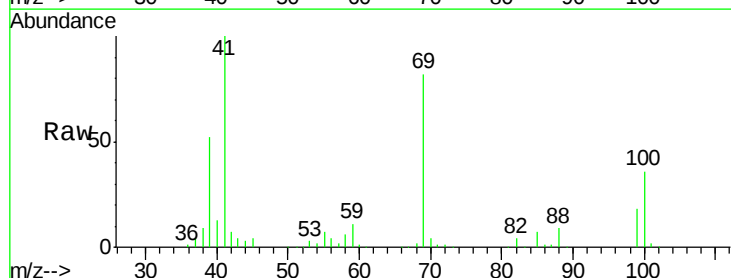
Tgt Ion: 41 Resp: 78612

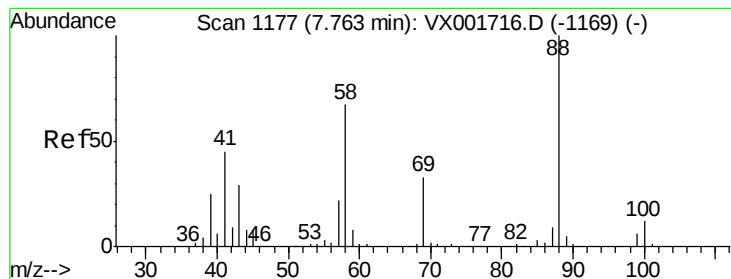
Ion Ratio Lower Upper

41 100

69 83.5 65.2 97.8

39 54.5 44.5 66.7





#49

1,4-Dioxane

Concen: 509.97 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

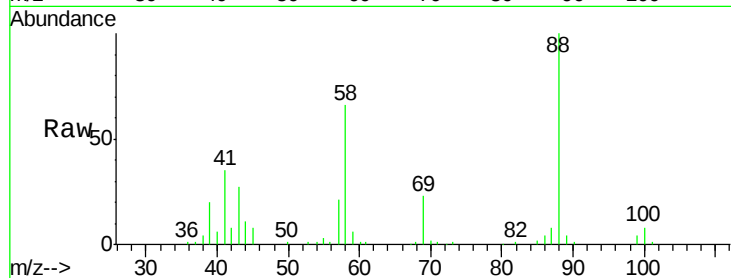
Tgt Ion: 88 Resp: 36640

Ion Ratio Lower Upper

88 100

43 32.3 27.3 40.9

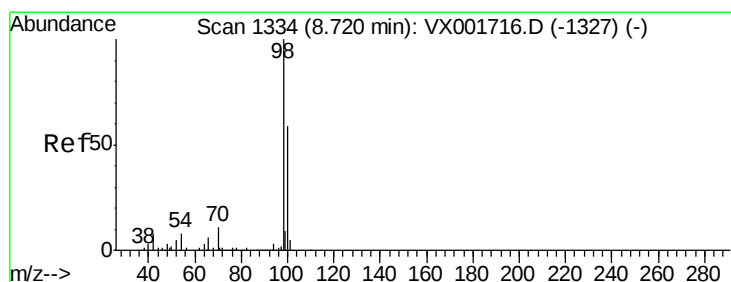
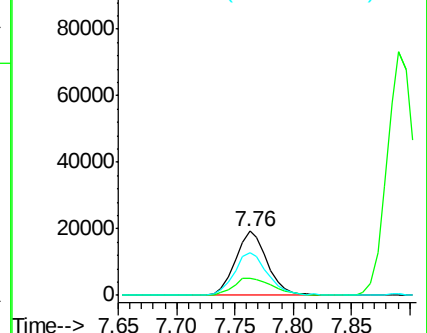
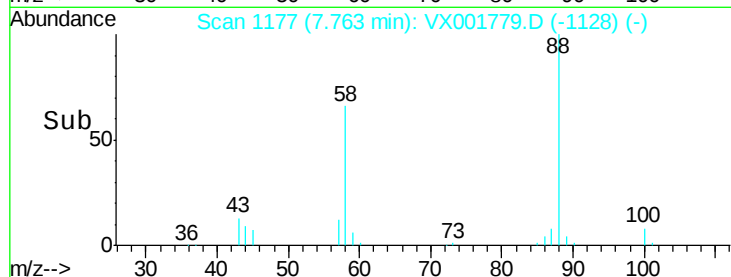
58 69.7 55.9 83.9



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: 54.90 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001779.D

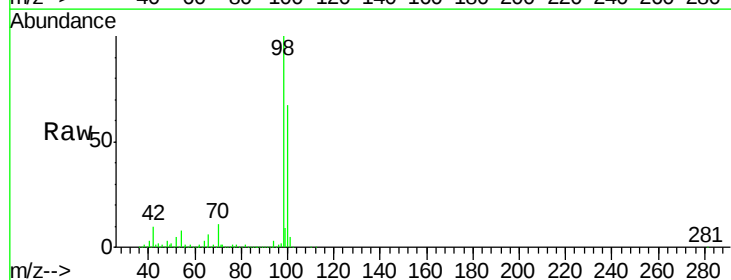
Acq: 16 May 2018 21:51

Tgt Ion: 98 Resp: 626462

Ion Ratio Lower Upper

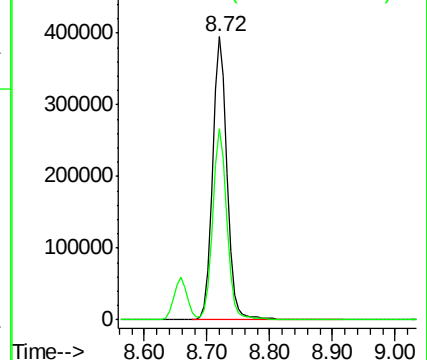
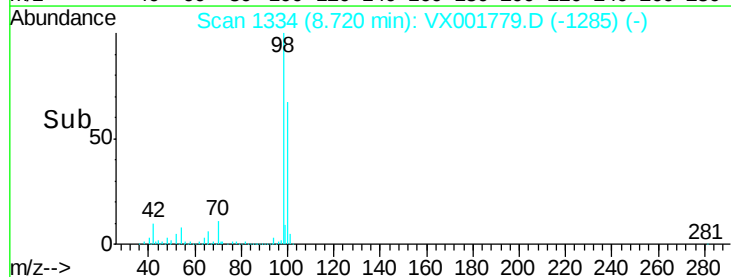
98 100

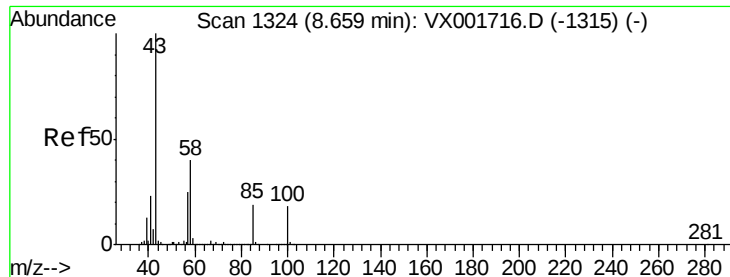
100 66.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

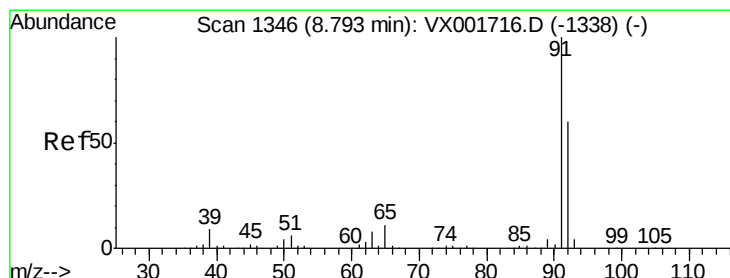
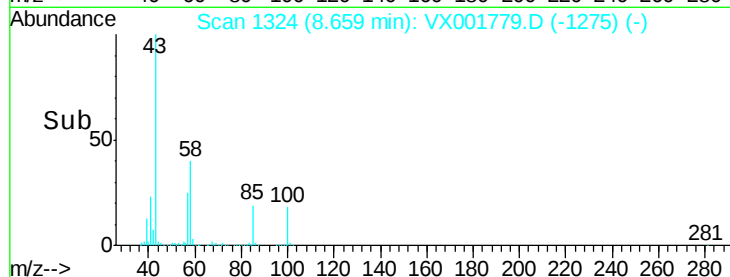
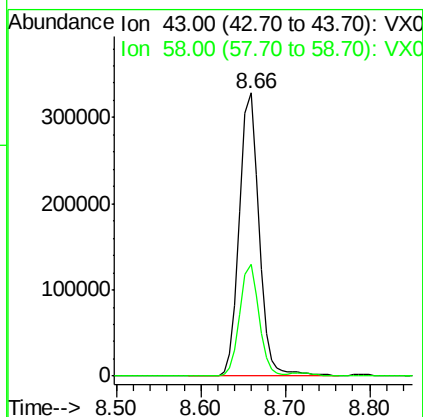
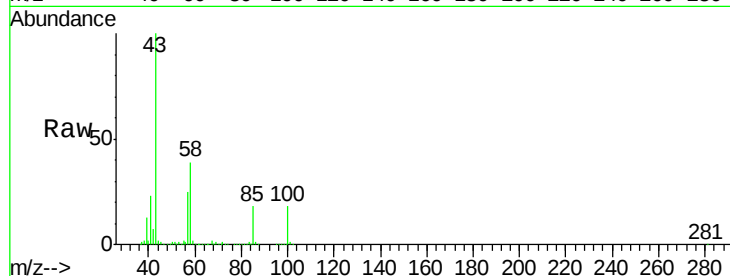




#51
 4-Methyl-2-Pentanone
 Concen: 114.93 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

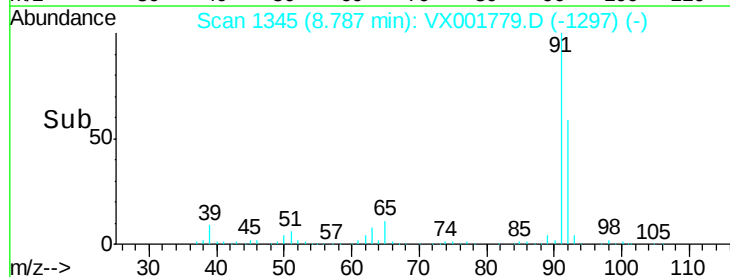
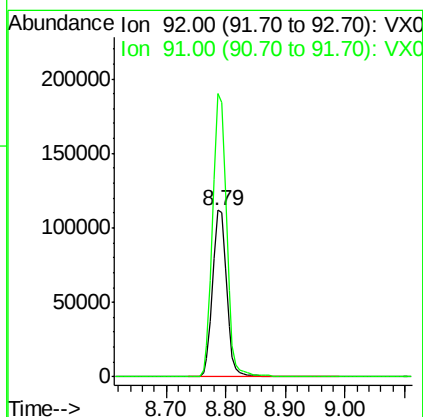
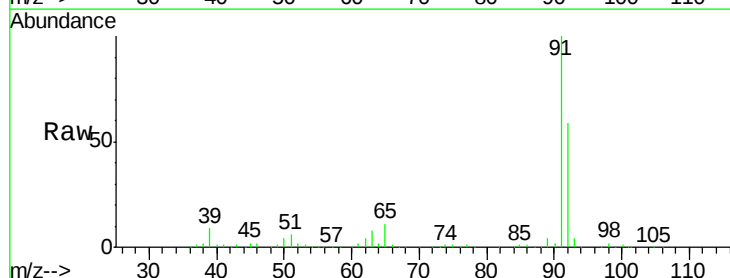
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

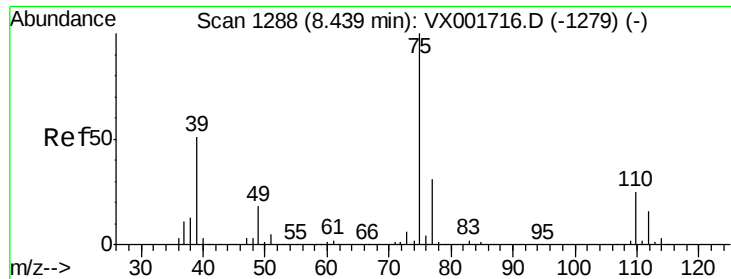
Tgt Ion: 43 Resp: 516325
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.4 47.0



#52
 Toluene
 Concen: 21.96 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion: 92 Resp: 180668
 Ion Ratio Lower Upper
 92 100
 91 168.4 135.5 203.3

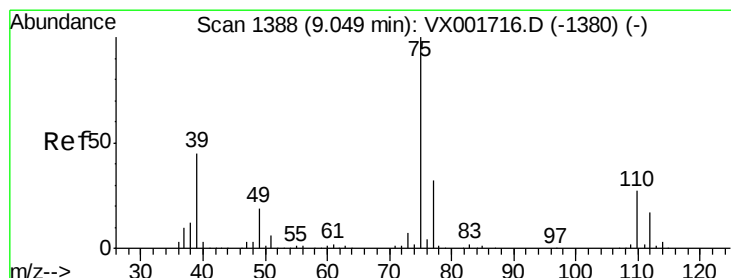
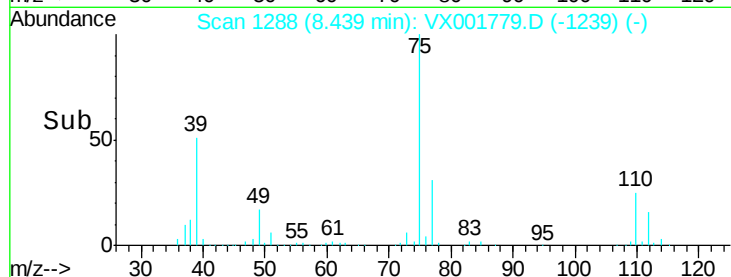
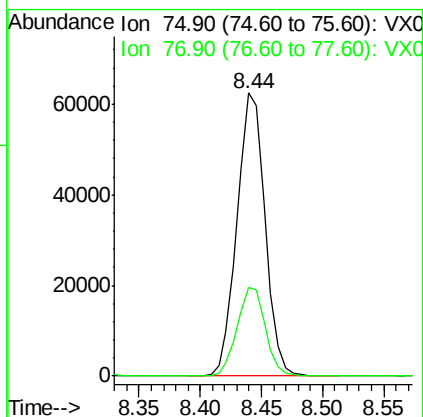
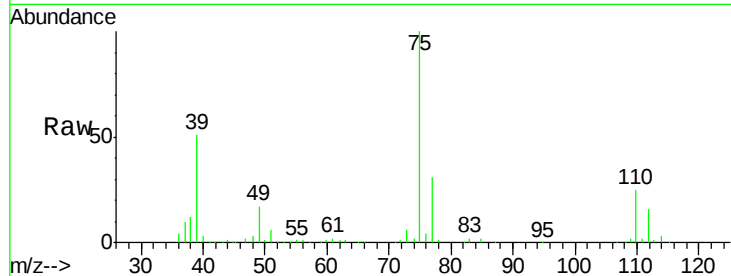




#53
t-1,3-Dichloropropene
Concen: 20.62 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

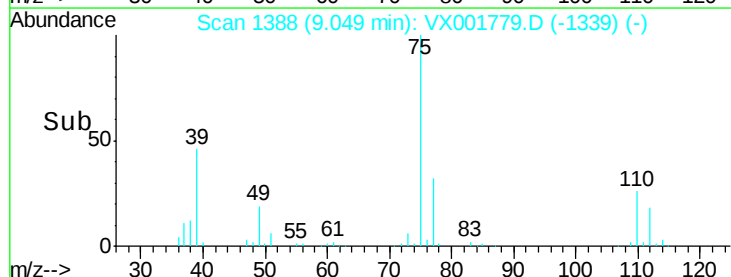
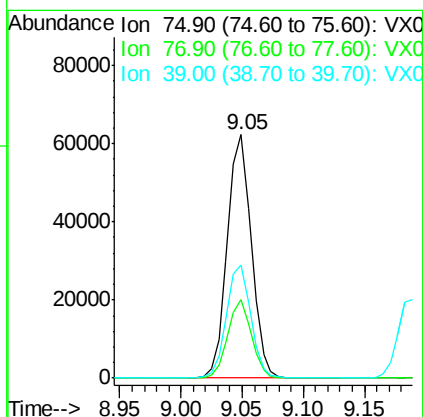
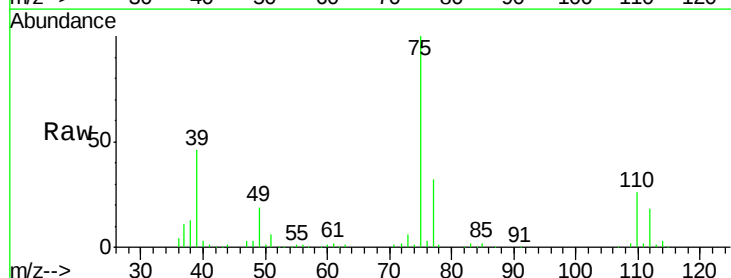
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

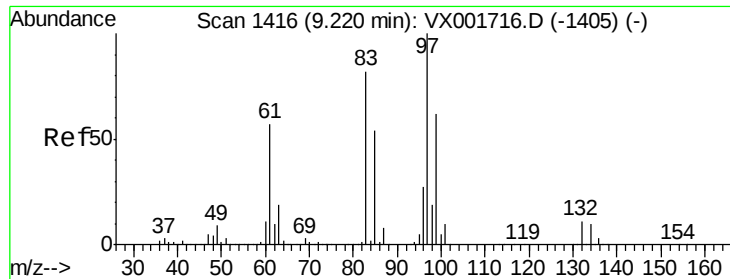
Tgt Ion: 75 Resp: 99321
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.02 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion: 75 Resp: 85001
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
39 46.4 36.1 54.1

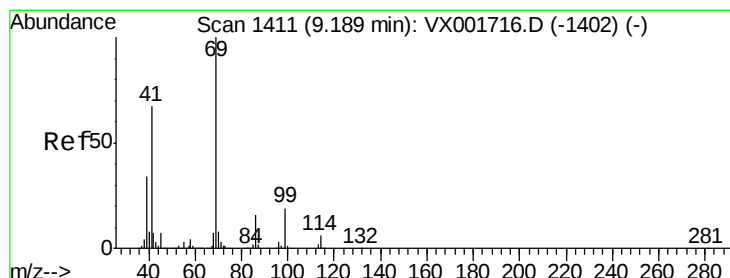
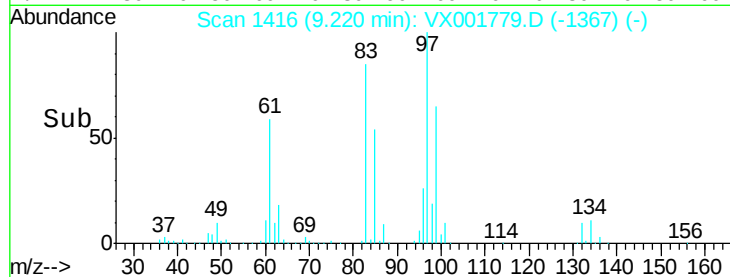
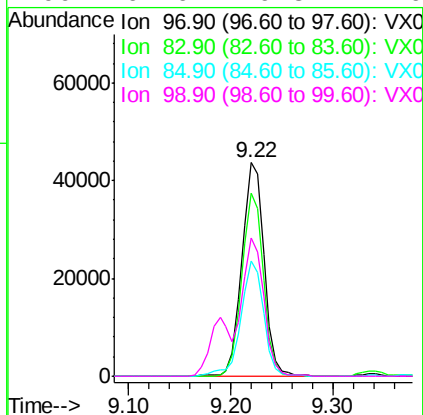
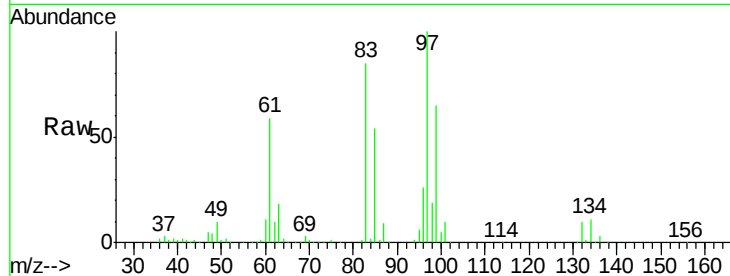




#55
 1,1,2-Trichloroethane
 Concen: 20.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

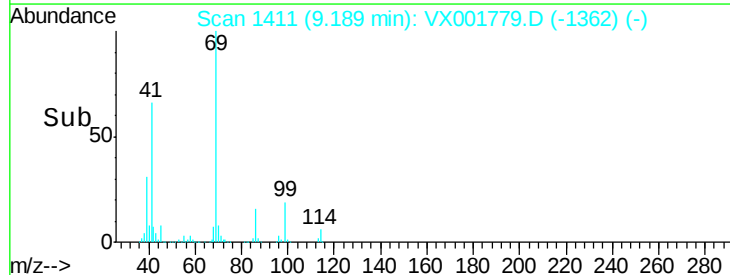
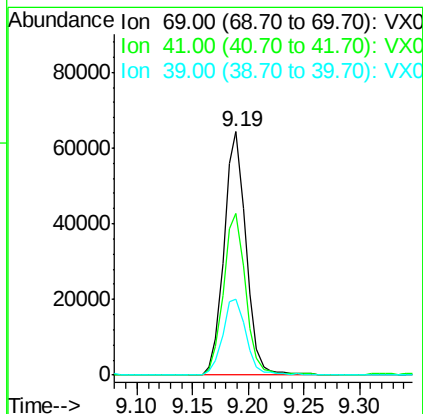
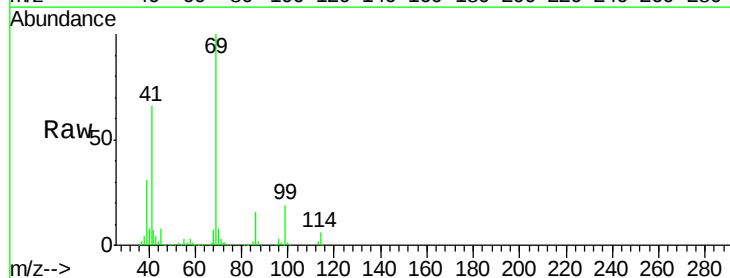
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

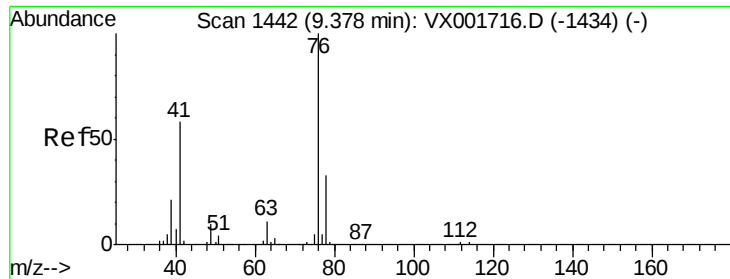
Tgt Ion:	97	Resp:	65547
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.8
85	53.7	43.4	65.0
99	64.6	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.79 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion:	69	Resp:	88287
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.5	80.3
39	33.3	27.2	40.8

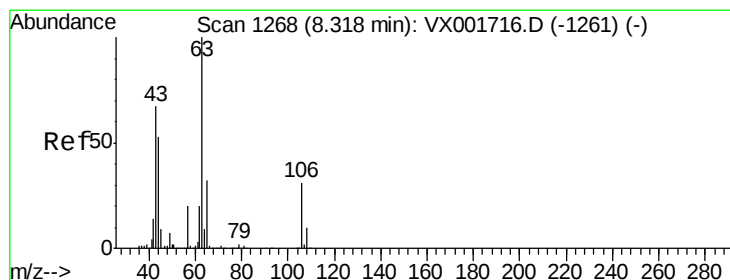
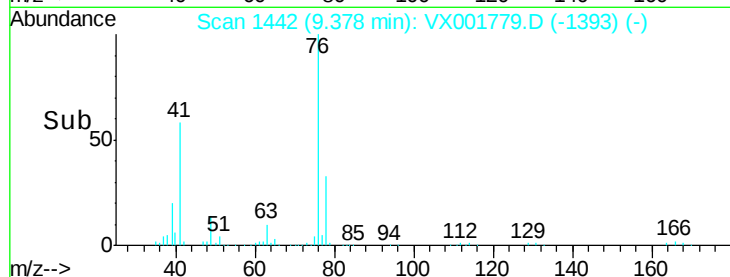
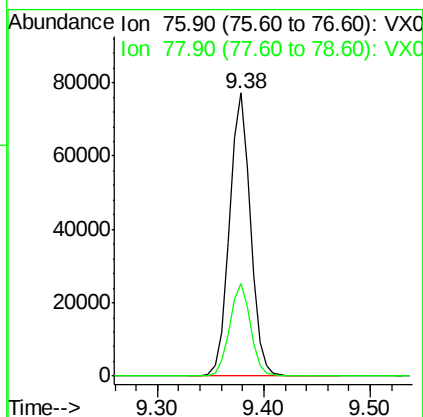
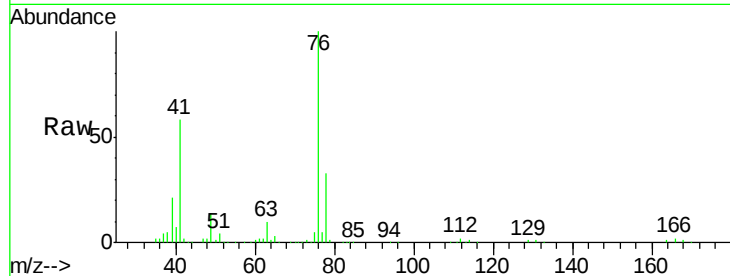




#57
 1,3-Dichloropropane
 Concen: 20.37 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

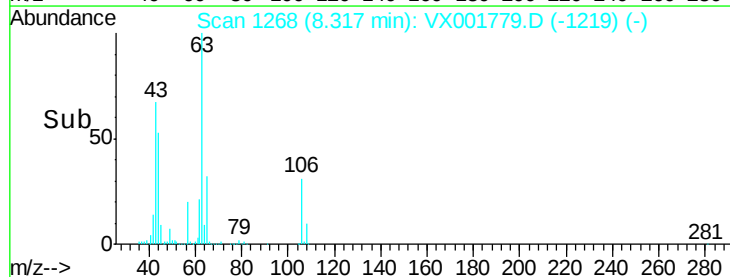
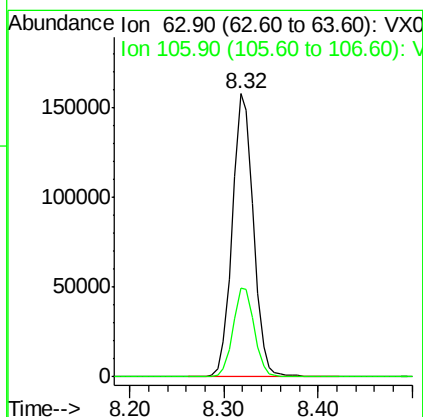
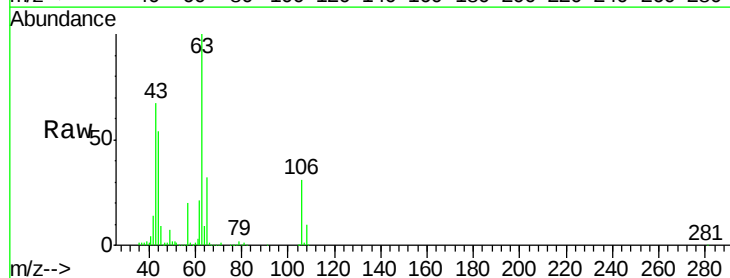
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

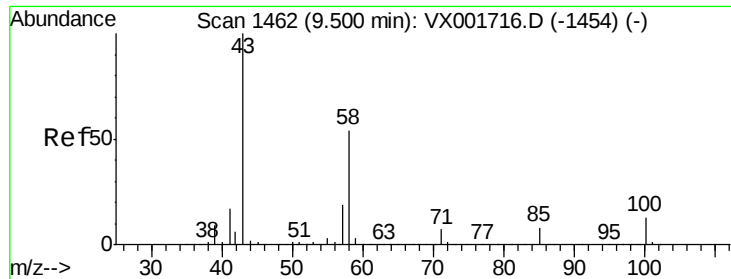
Tgt Ion: 76 Resp: 107244
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.05 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion: 63 Resp: 245628
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.1 37.7

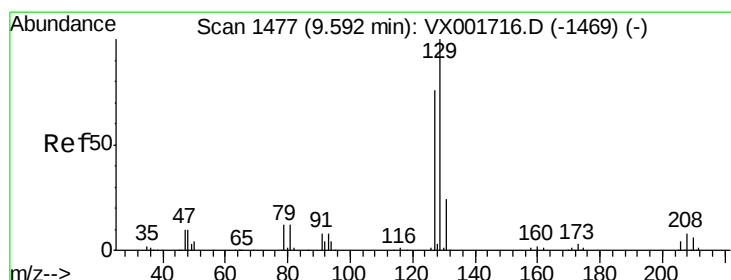
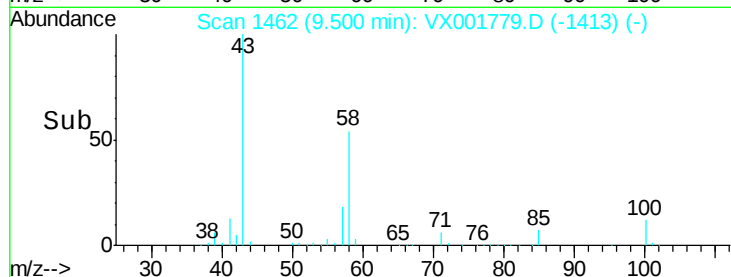
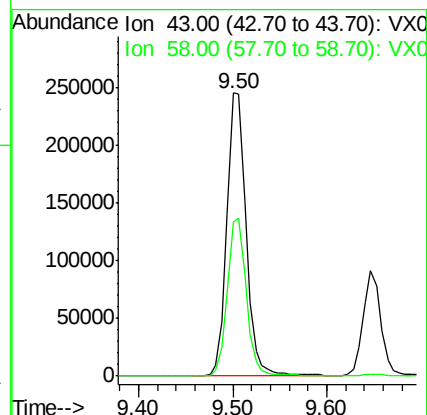
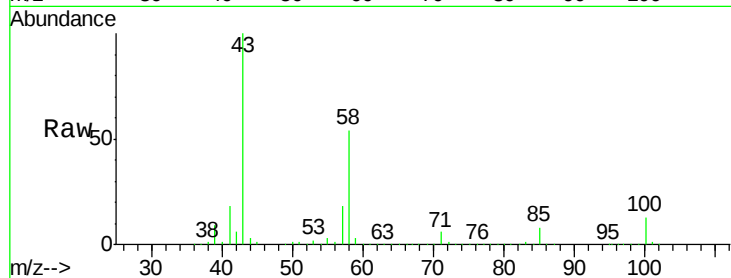




#59
2-Hexanone
Concen: 109.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

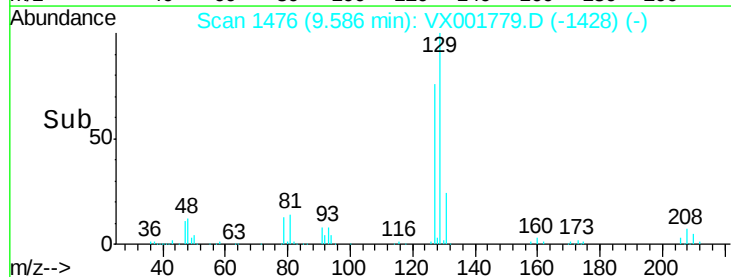
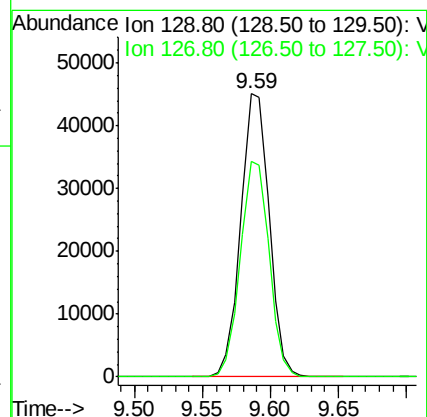
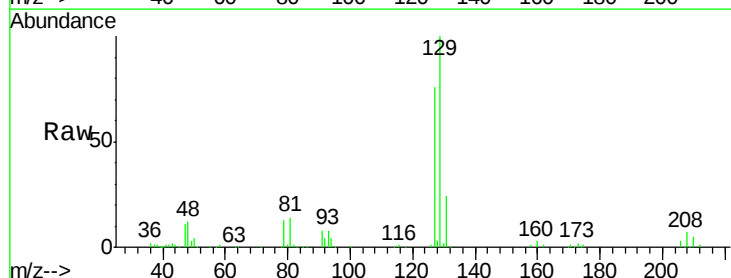
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

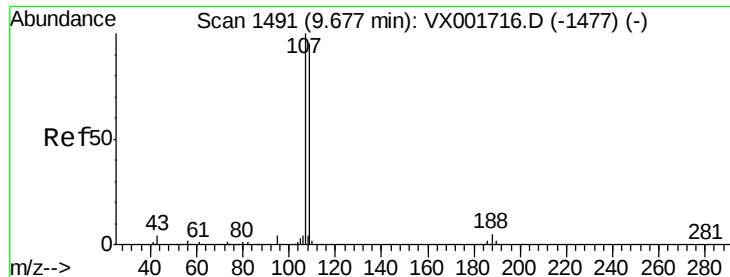
Tgt Ion: 43 Resp: 351276
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1



#60
Dibromochloromethane
Concen: 20.49 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion: 129 Resp: 65986
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.97 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

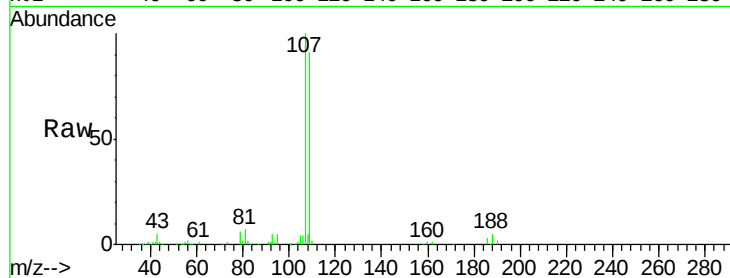
VX0516MBS01

Tgt Ion: 107 Resp: 69045

Ion Ratio Lower Upper

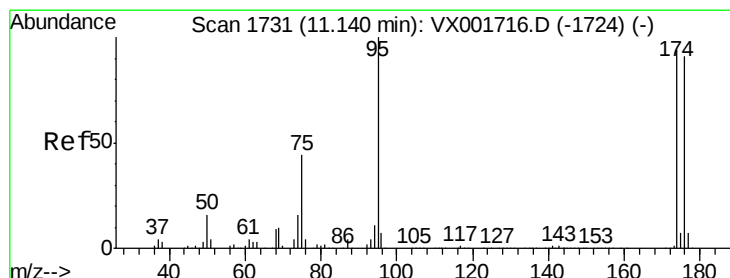
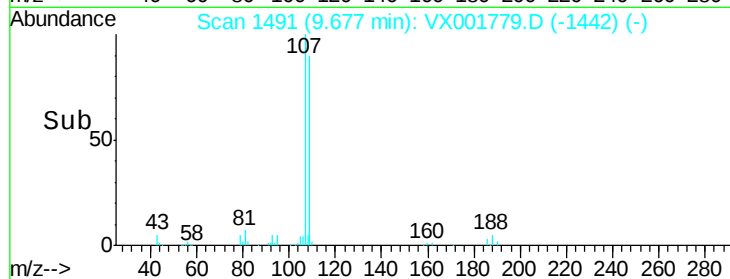
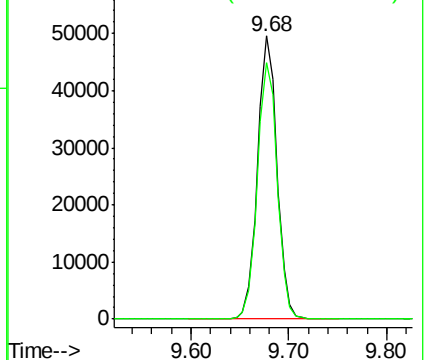
107 100

109 92.7 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

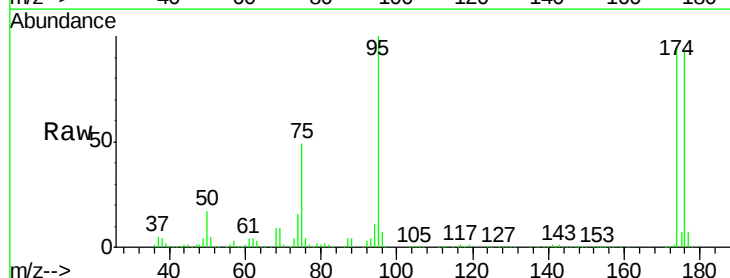
Tgt Ion: 95 Resp: 199637

Ion Ratio Lower Upper

95 100

174 102.1 0.0 201.8

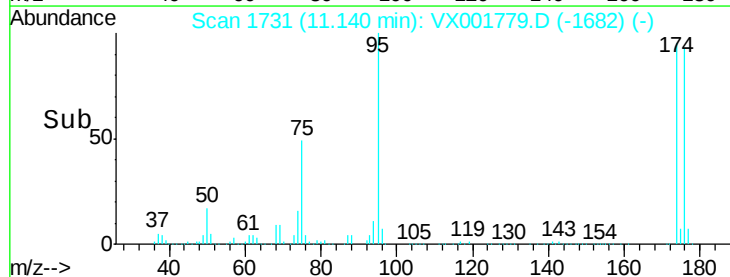
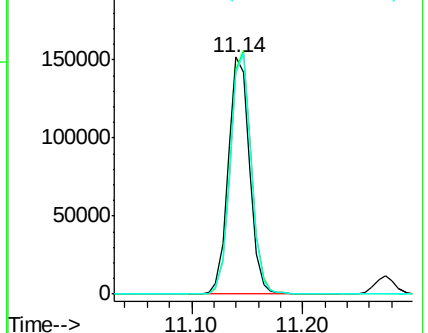
176 99.7 0.0 196.8

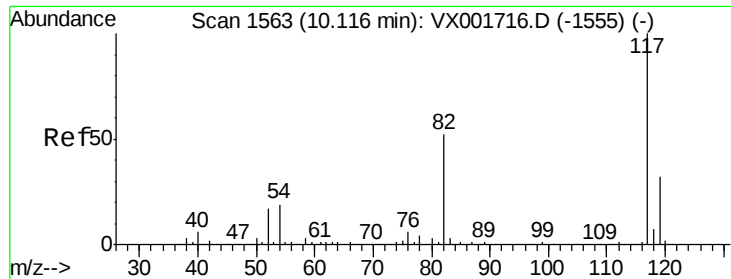


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

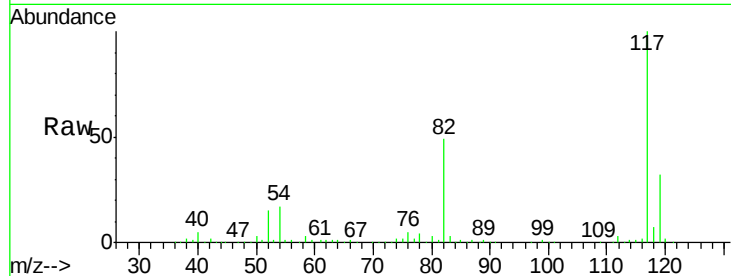




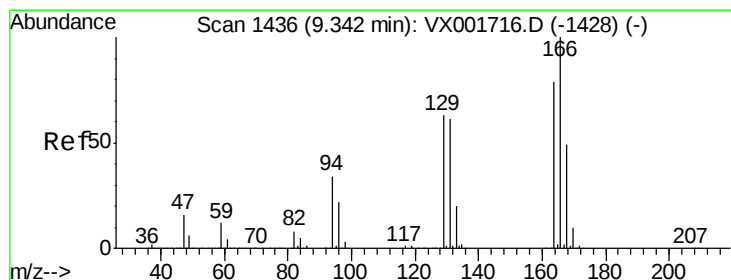
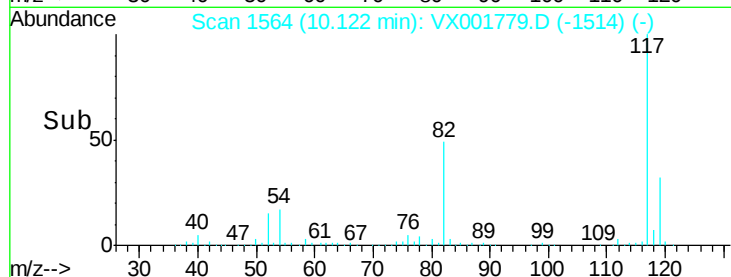
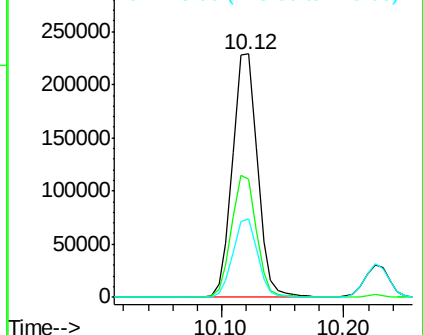
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

Tgt Ion:117 Resp: 323963
Ion Ratio Lower Upper
117 100
82 48.5 41.4 62.2
119 32.5 25.6 38.4

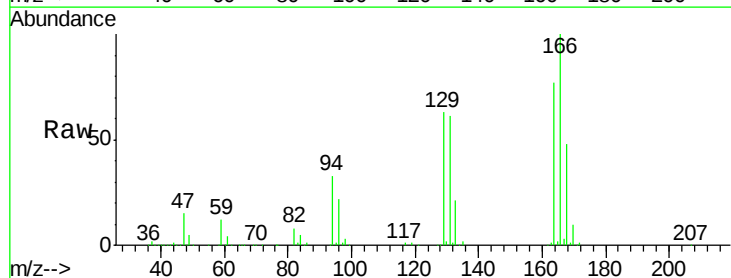


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

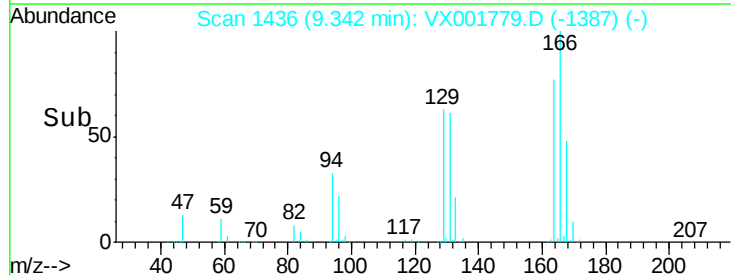
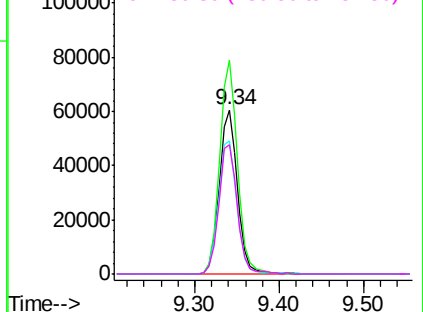


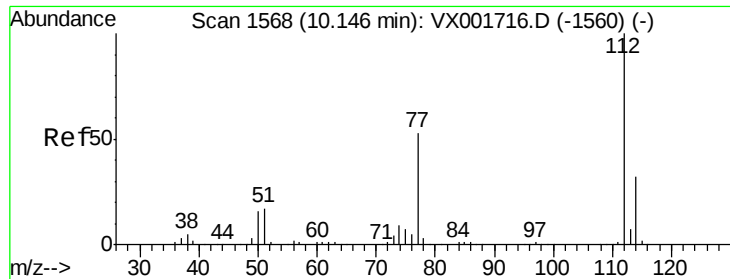
#64
Tetrachloroethene
Concen: 21.47 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion:164 Resp: 90563
Ion Ratio Lower Upper
164 100
166 130.1 101.8 152.8
129 81.3 63.8 95.6
131 79.0 62.2 93.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

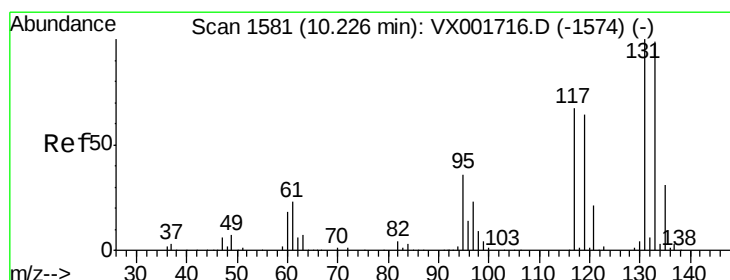
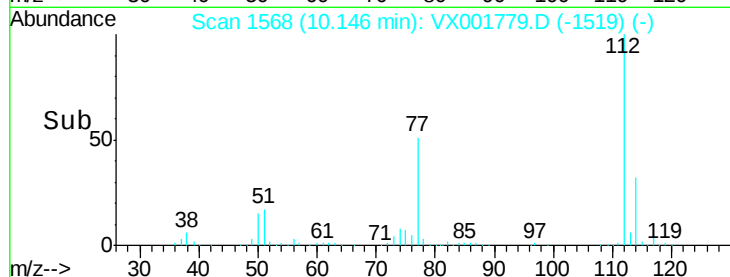
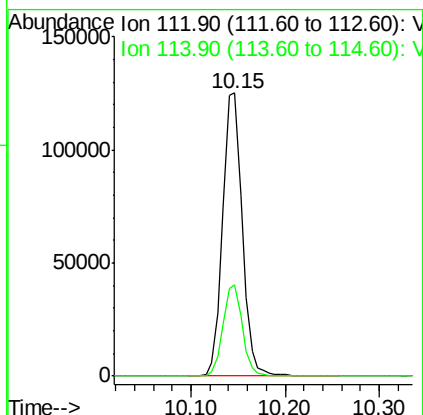
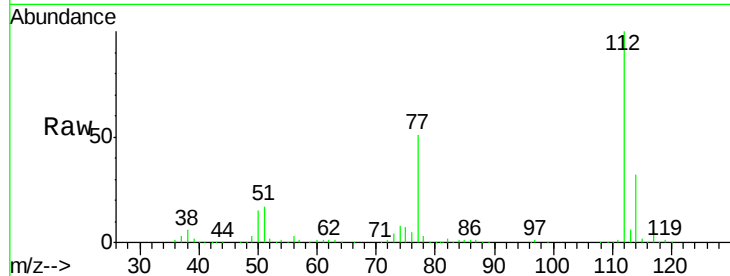




#65
Chlorobenzene
Concen: 20.37 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

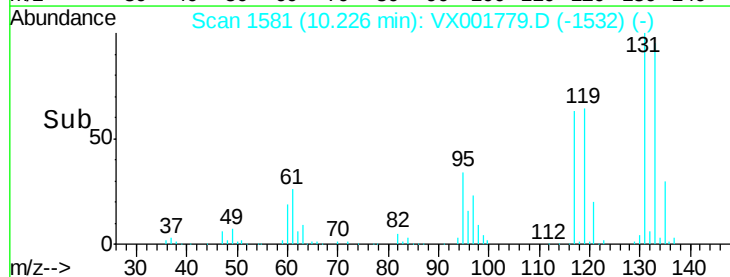
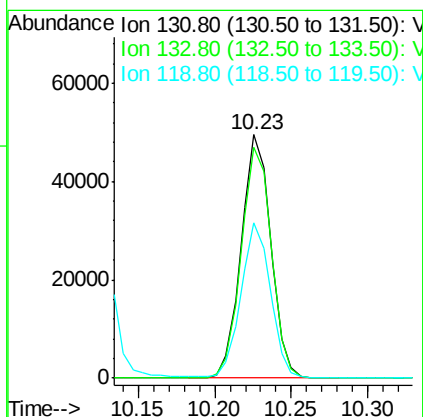
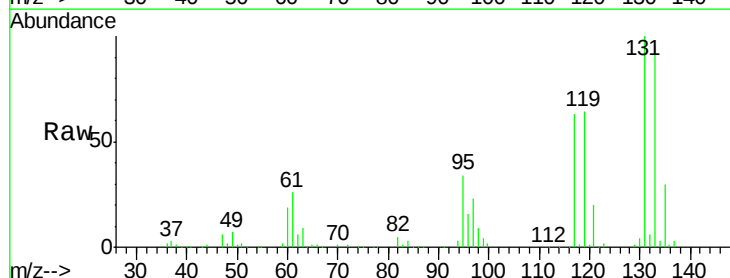
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

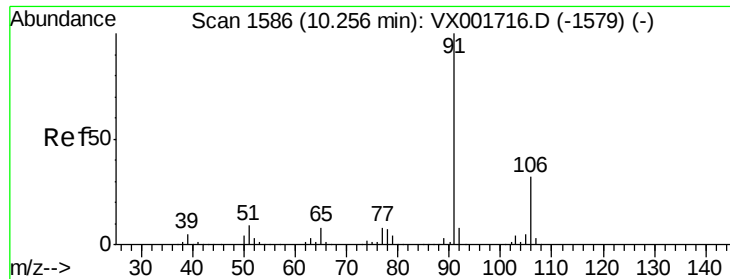
Tgt Ion:112 Resp: 181482
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.12 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion:131 Resp: 66459
Ion Ratio Lower Upper
131 100
133 96.9 48.5 145.6
119 64.2 31.9 95.5





#67

Ethyl Benzene

Concen: 20.42 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

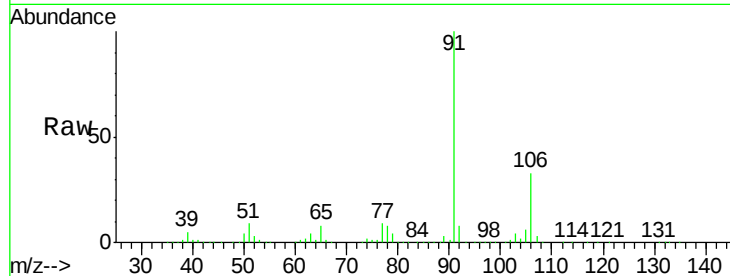
VX0516MBS01

Tgt Ion: 91 Resp: 290868

Ion Ratio Lower Upper

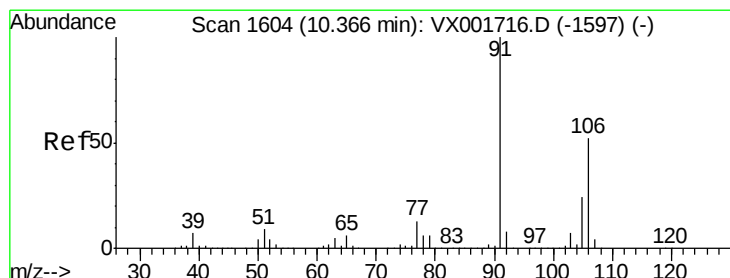
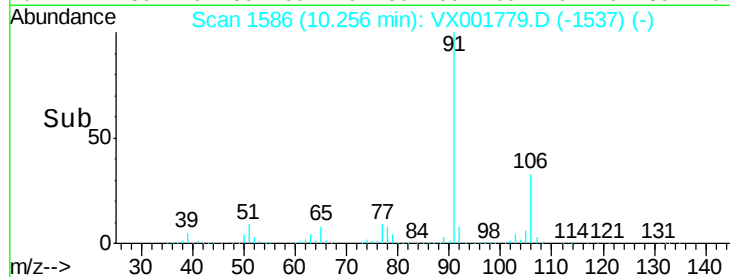
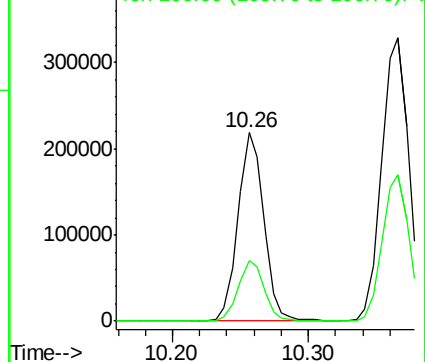
91 100

106 32.6 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.61 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001779.D

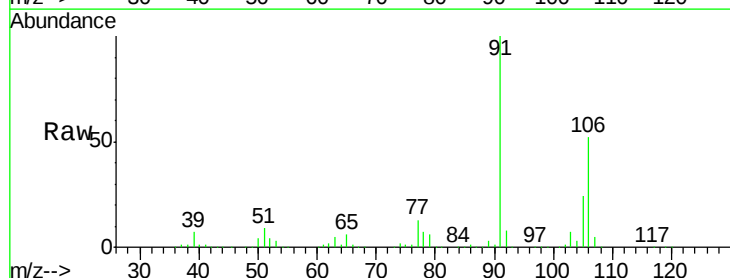
Acq: 16 May 2018 21:51

Tgt Ion: 106 Resp: 233787

Ion Ratio Lower Upper

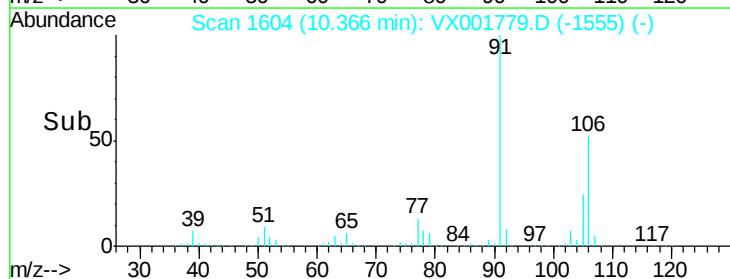
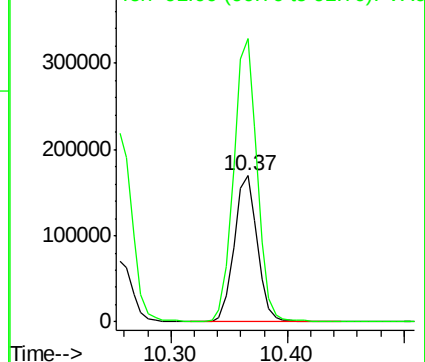
106 100

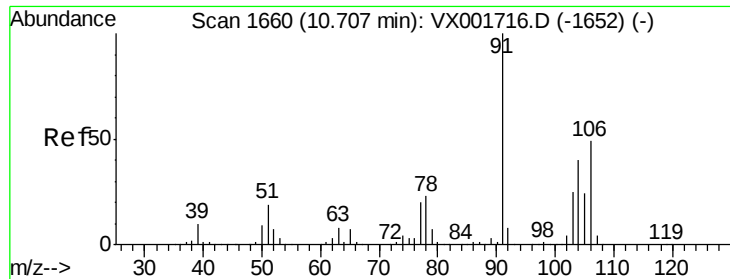
91 196.6 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

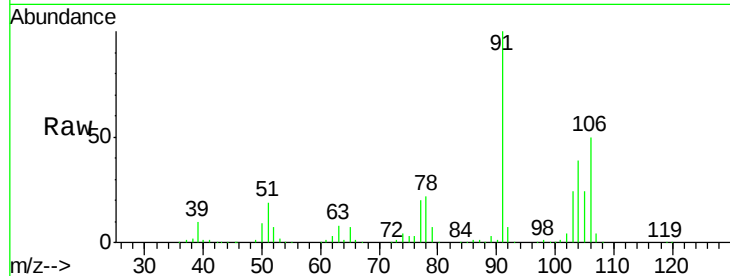




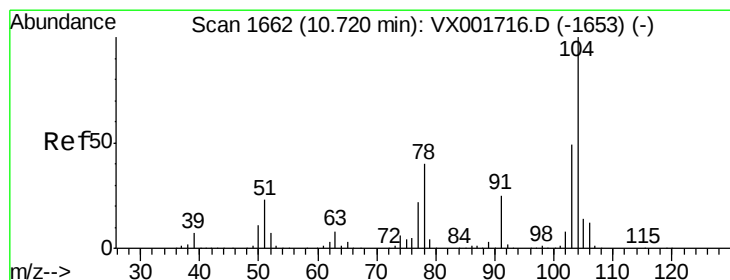
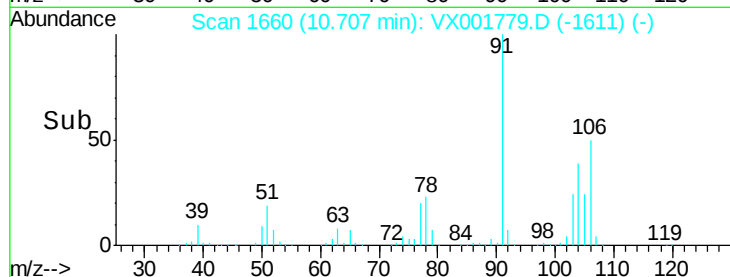
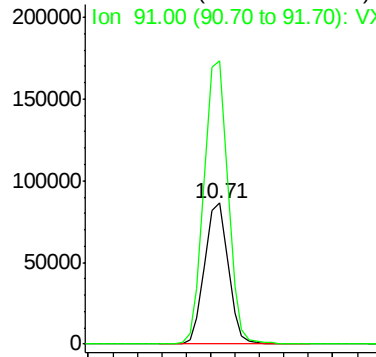
#69
o-Xylene
Concen: 21.43 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

Tgt Ion:106 Resp: 115328
Ion Ratio Lower Upper
106 100
91 204.3 103.4 310.2

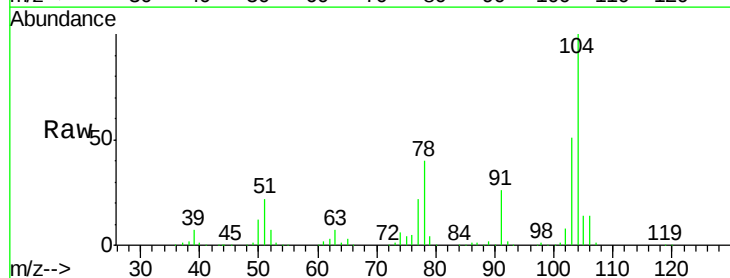


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

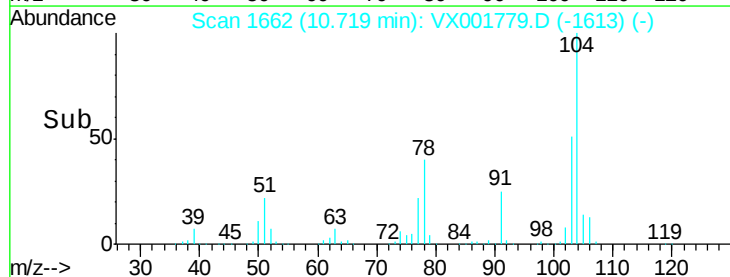
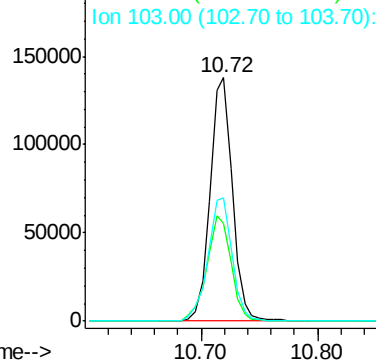


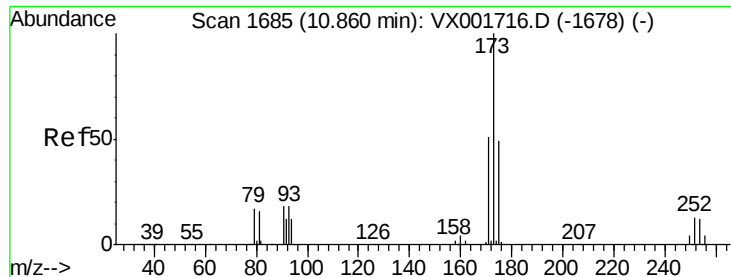
#70
Styrene
Concen: 20.76 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion:104 Resp: 184268
Ion Ratio Lower Upper
104 100
78 47.4 37.3 55.9
103 55.6 43.7 65.5



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

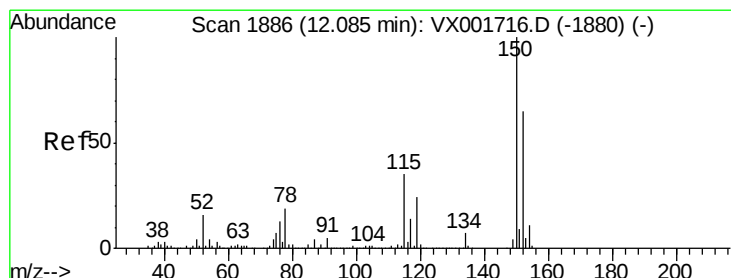
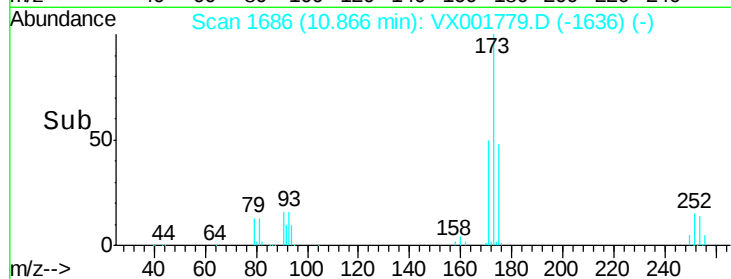
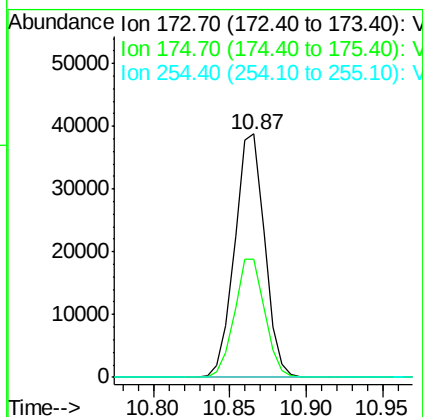
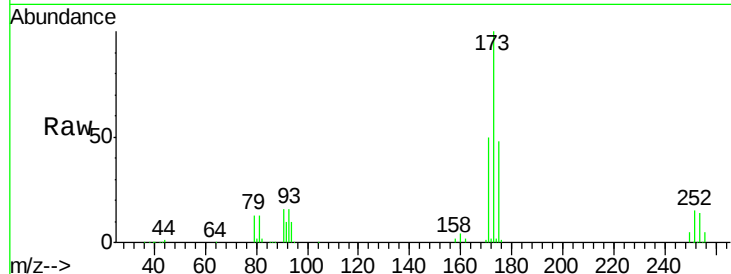




#71
Bromoform
Concen: 19.86 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

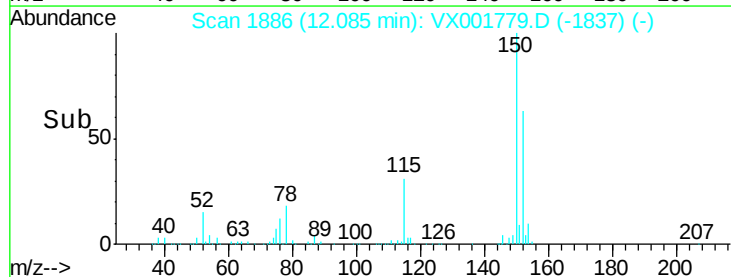
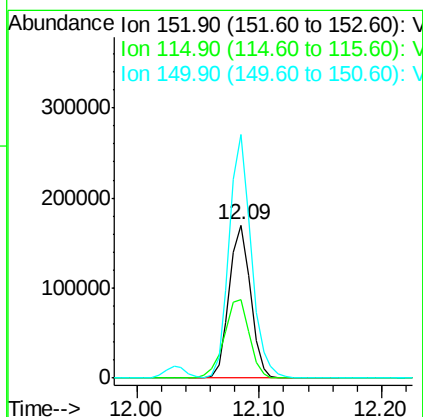
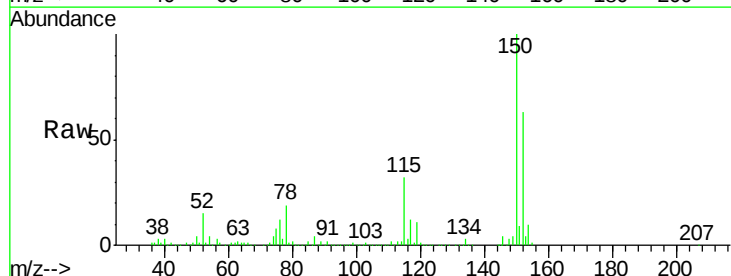
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

Tgt Ion:173 Resp: 52684
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion:152 Resp: 203682
Ion Ratio Lower Upper
152 100
115 60.8 37.4 112.2
150 164.5 0.0 344.8





#73

Isopropylbenzene

Concen: 22.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

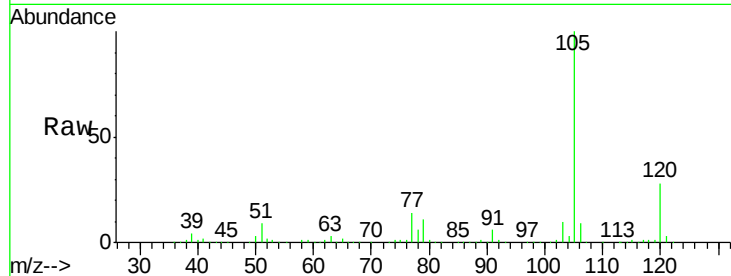
VX0516MBS01

Tgt Ion: 105 Resp: 305378

Ion Ratio Lower Upper

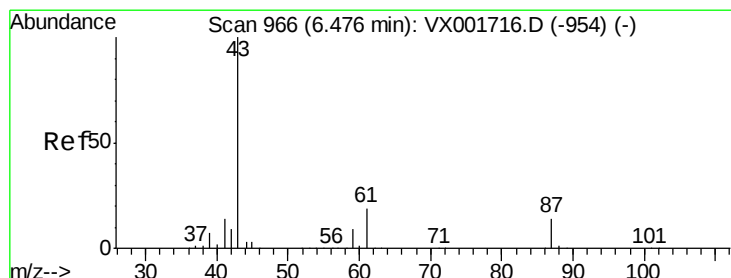
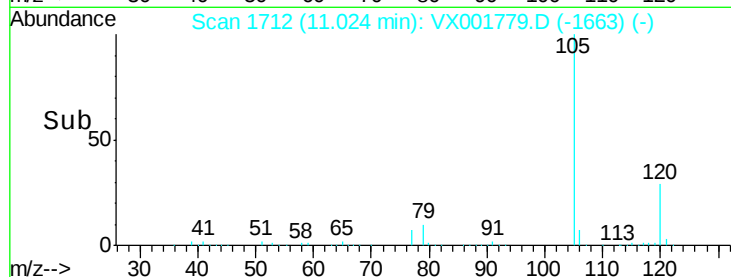
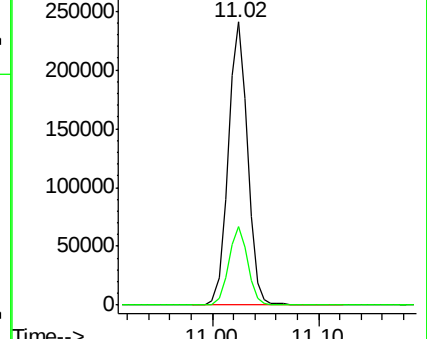
105 100

120 27.4 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: 22.61 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Tgt Ion: 43 Resp: 145411

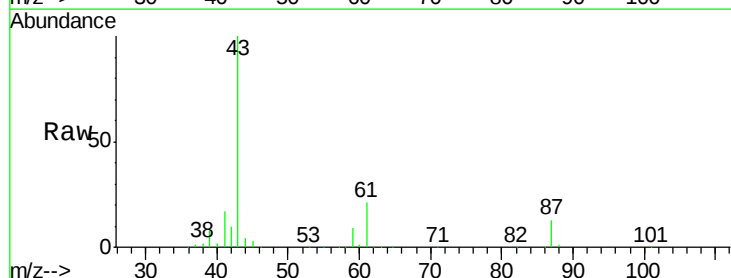
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.3 15.8 23.8

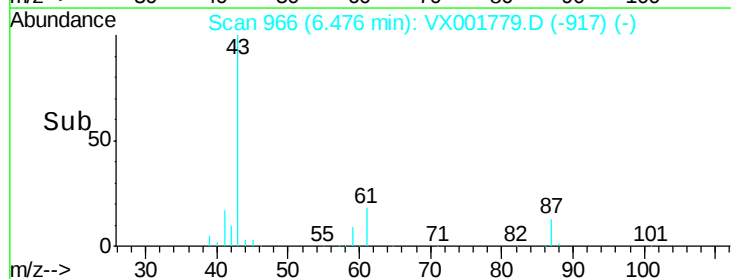
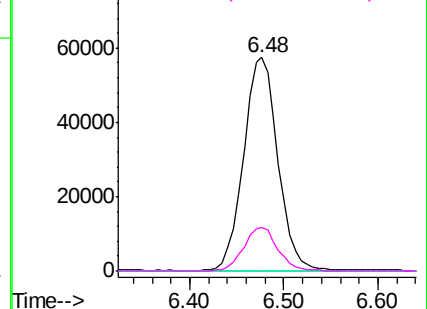


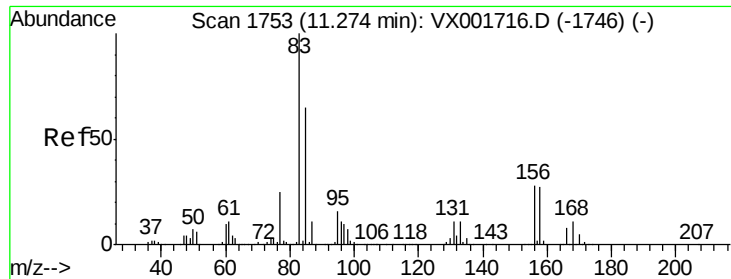
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.51 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

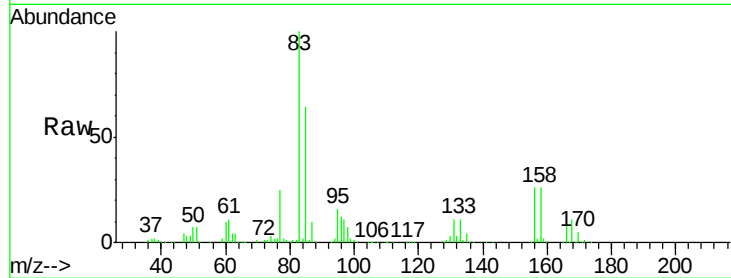
Tgt Ion: 83 Resp: 90563

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

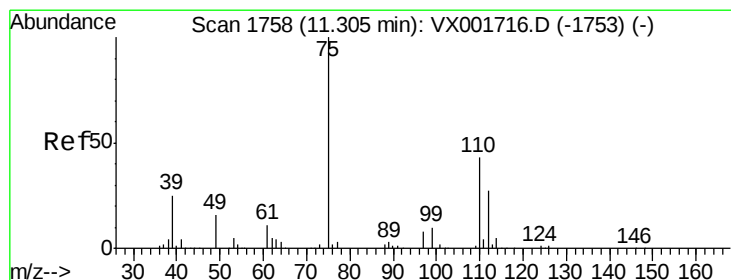
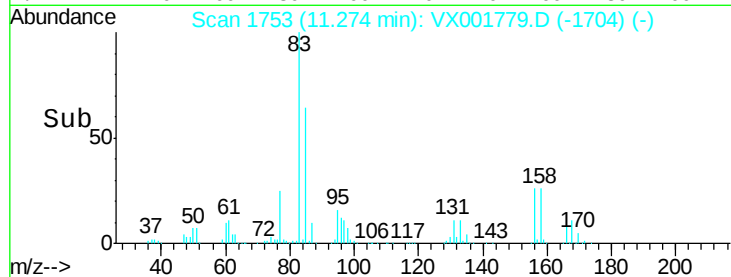
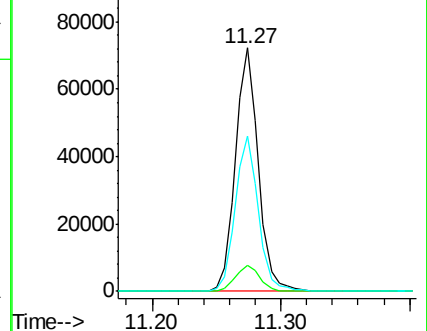
85 64.3 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.17 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001779.D

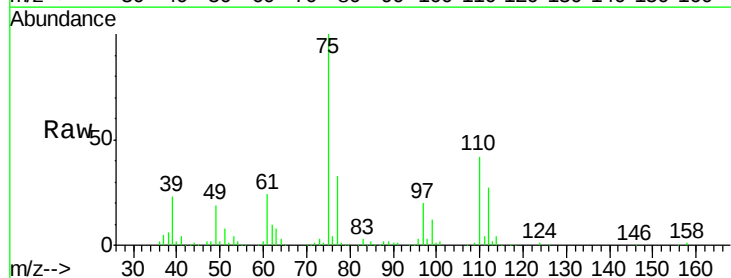
Acq: 16 May 2018 21:51

Tgt Ion: 75 Resp: 101372

Ion Ratio Lower Upper

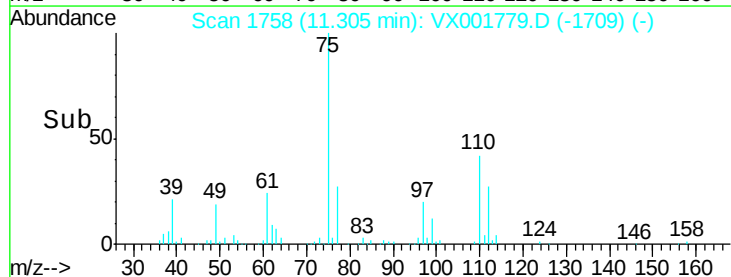
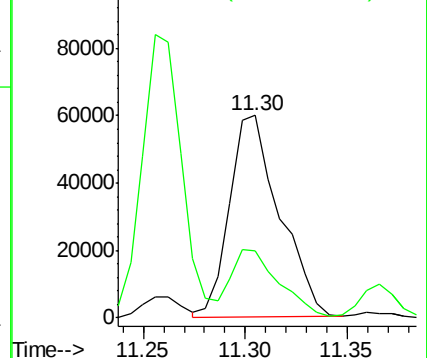
75 100

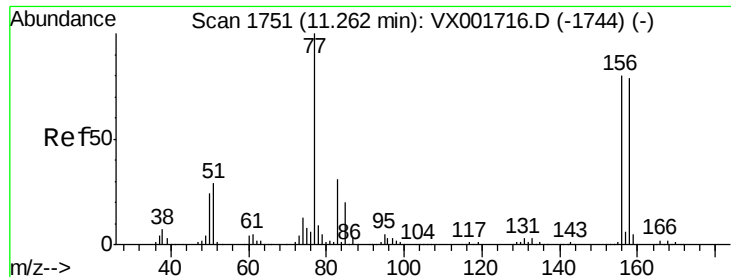
77 32.3 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.29 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

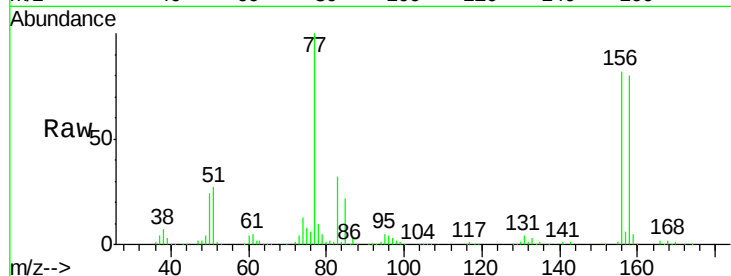
Tgt Ion:156 Resp: 87855

Ion Ratio Lower Upper

156 100

77 129.8 65.3 196.0

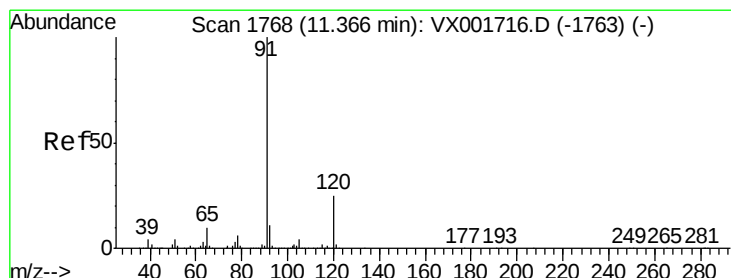
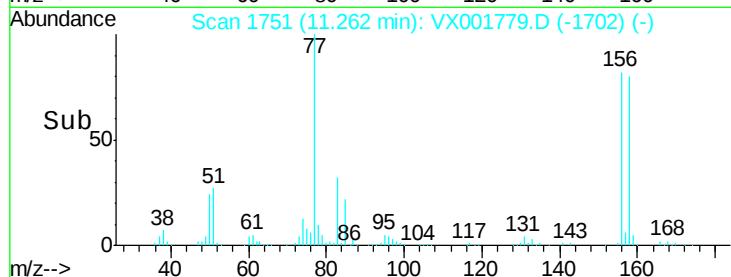
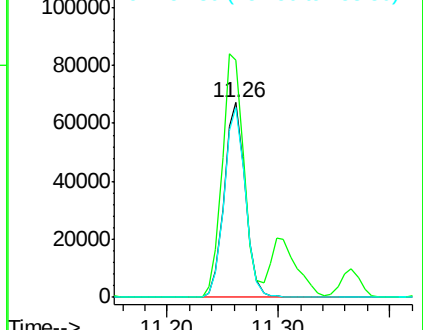
158 97.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.03 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001779.D

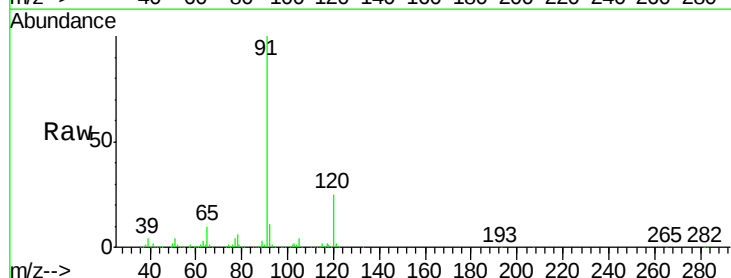
Acq: 16 May 2018 21:51

Tgt Ion: 91 Resp: 332994

Ion Ratio Lower Upper

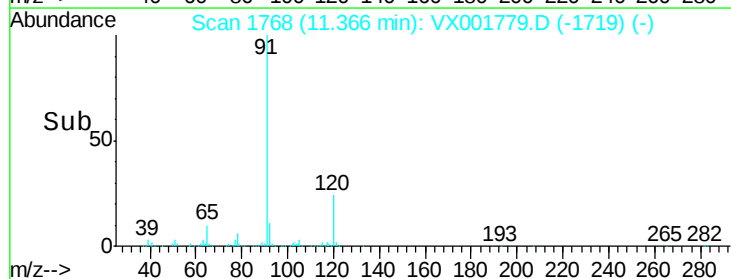
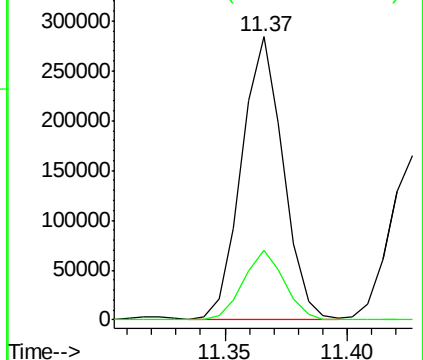
91 100

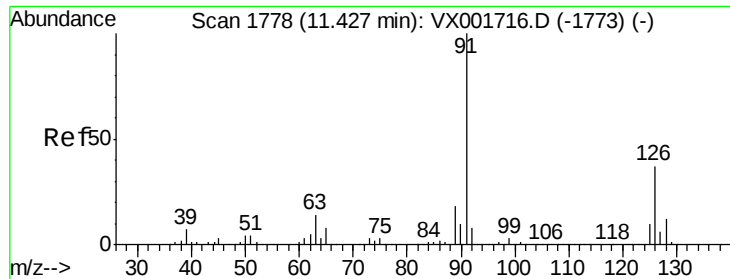
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

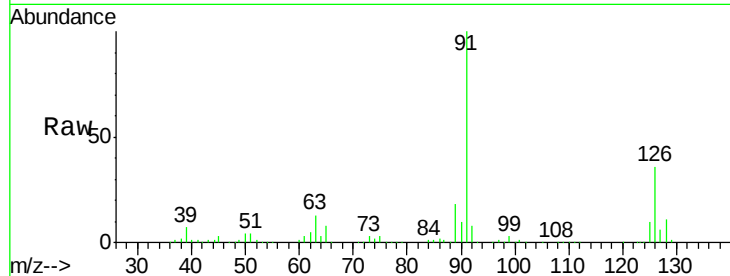
VX0516MBS01

Tgt Ion: 91 Resp: 203938

Ion Ratio Lower Upper

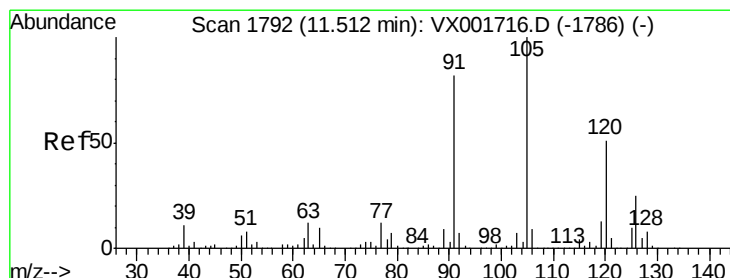
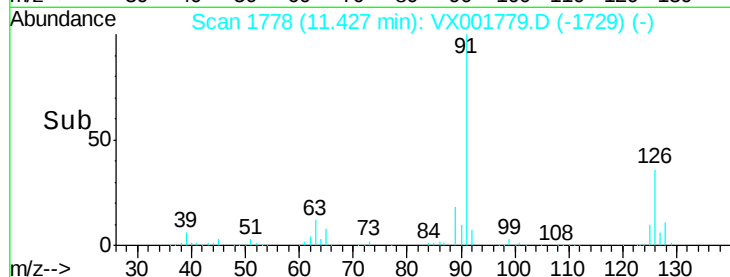
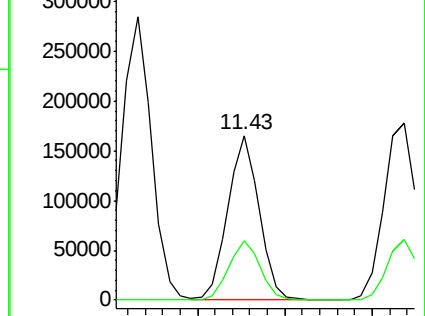
91 100

126 36.7 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001779.D

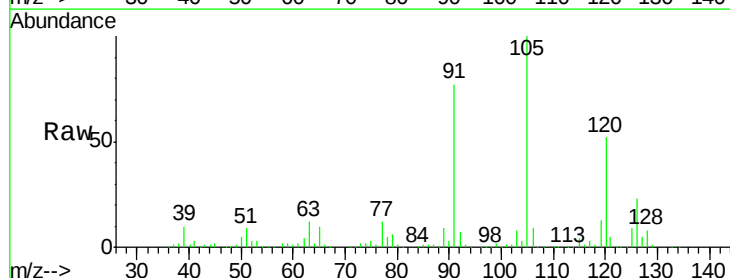
Acq: 16 May 2018 21:51

Tgt Ion: 105 Resp: 250743

Ion Ratio Lower Upper

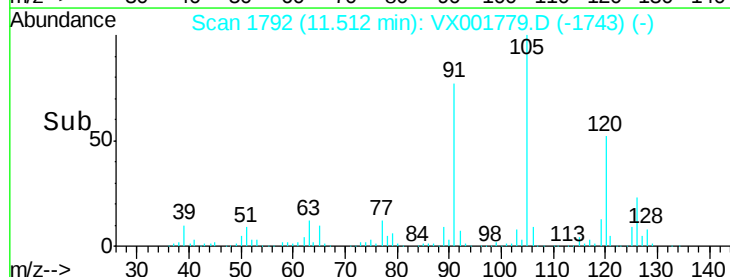
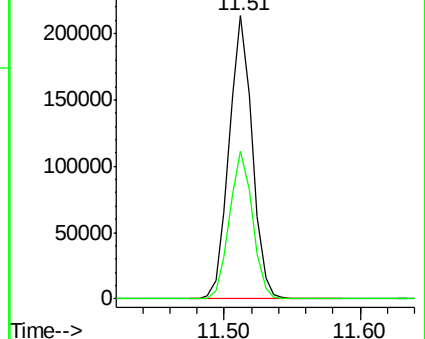
105 100

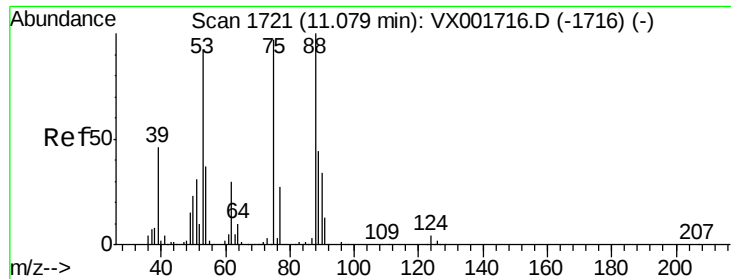
120 52.1 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

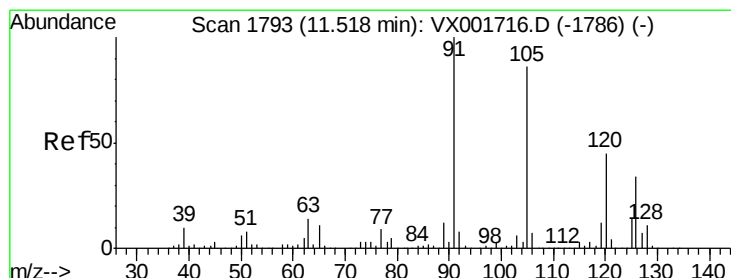
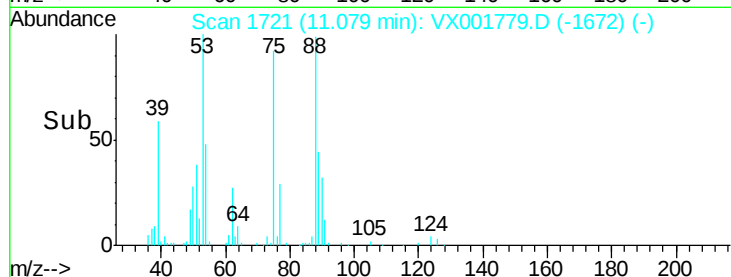
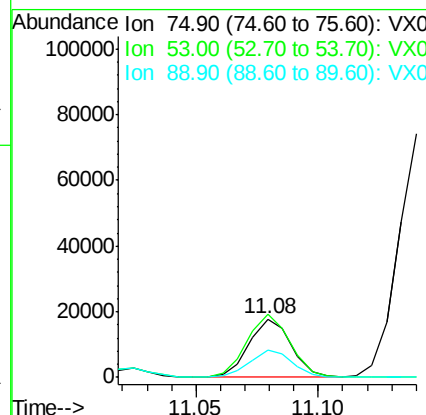
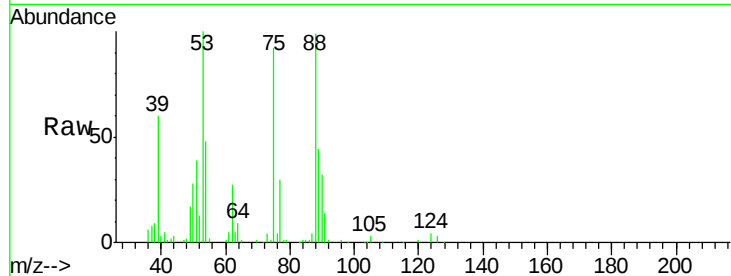




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.74 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

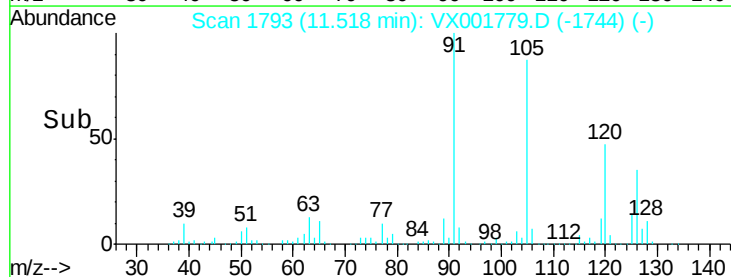
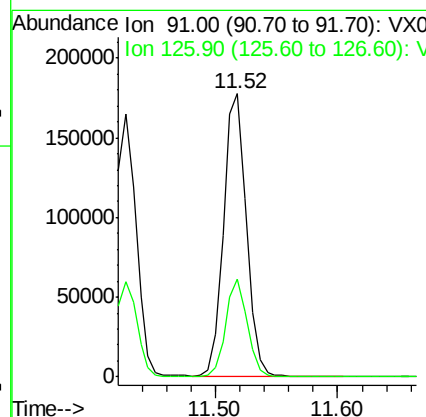
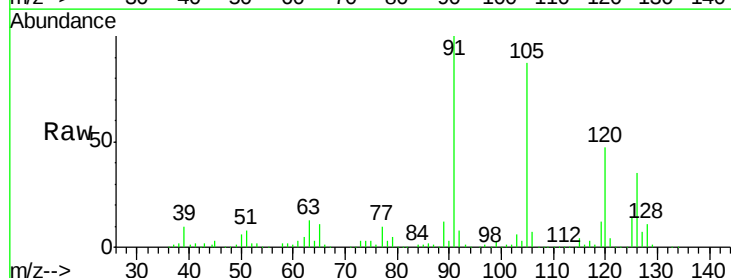
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

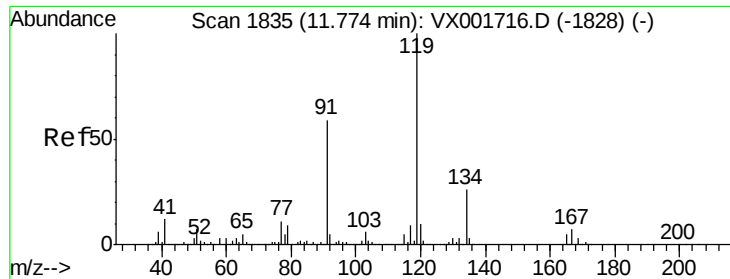
Tgt Ion: 75 Resp: 21486
 Ion Ratio Lower Upper
 75 100
 53 109.6 79.4 119.2
 89 46.9 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 21.67 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion: 91 Resp: 230691
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1

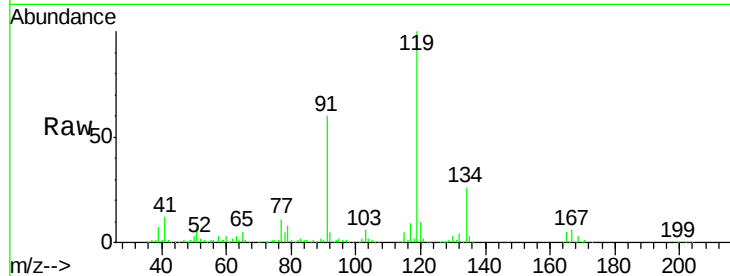




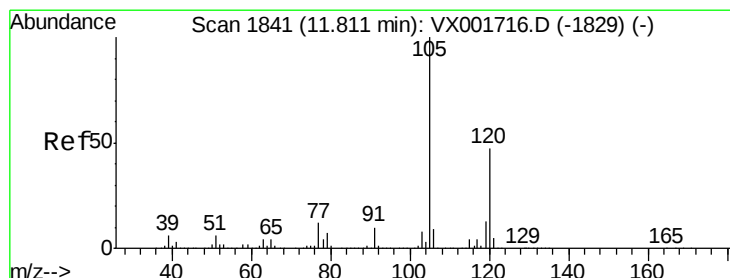
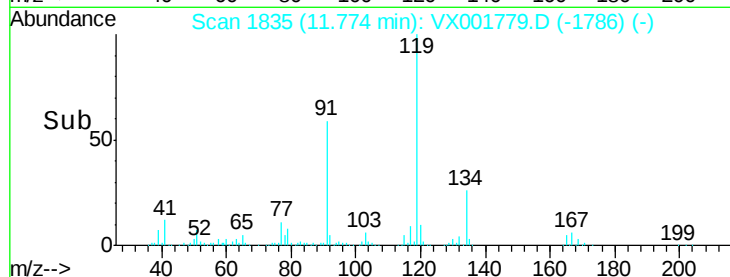
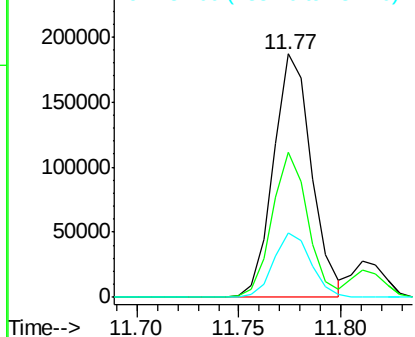
#83
 tert-Butylbenzene
 Concen: 22.24 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

Tgt Ion:119 Resp: 243570
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.7 83.0
 134 25.8 12.7 38.1

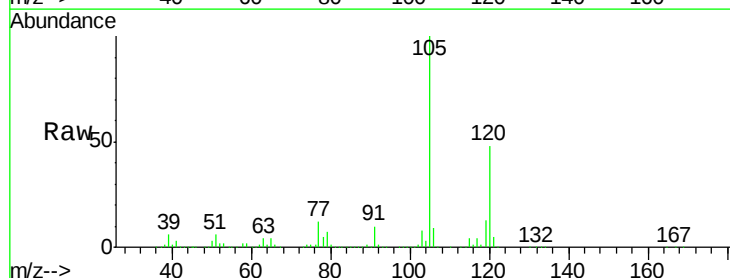


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

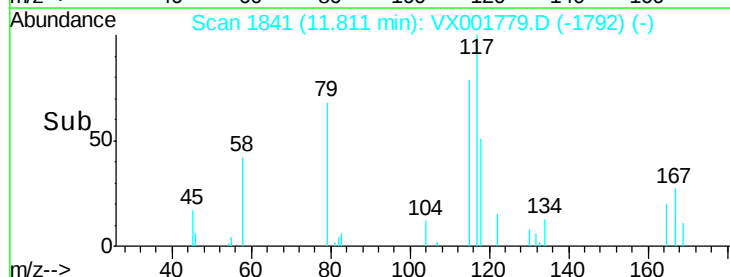
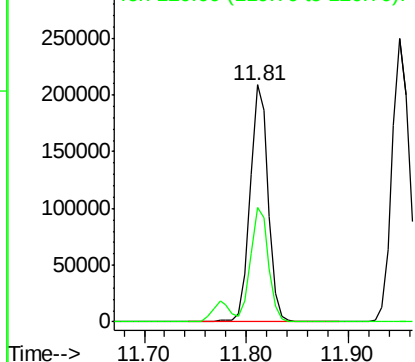


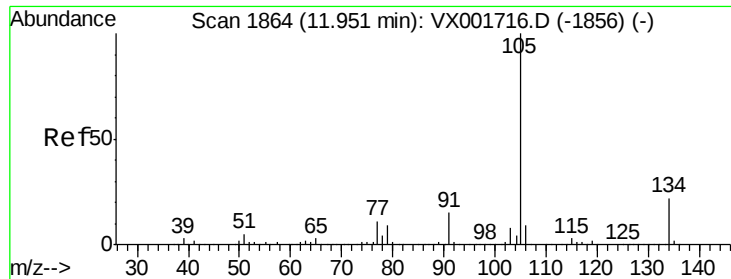
#84
 1,2,4-Trimethylbenzene
 Concen: 22.73 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion:105 Resp: 259020
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

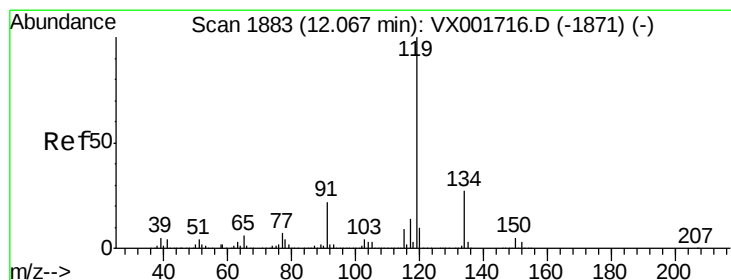
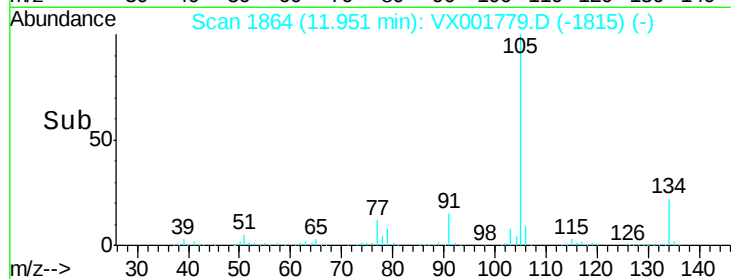
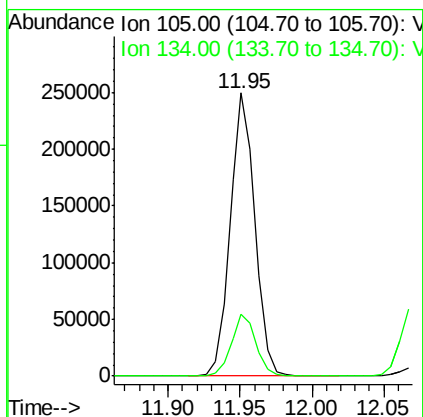
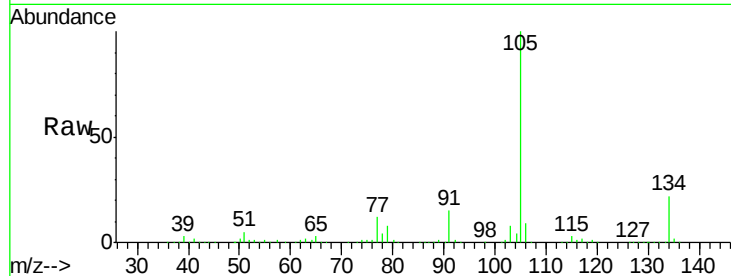




#85
 sec-Butylbenzene
 Concen: 22.18 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

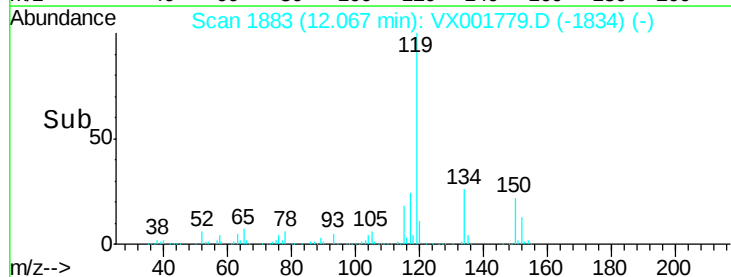
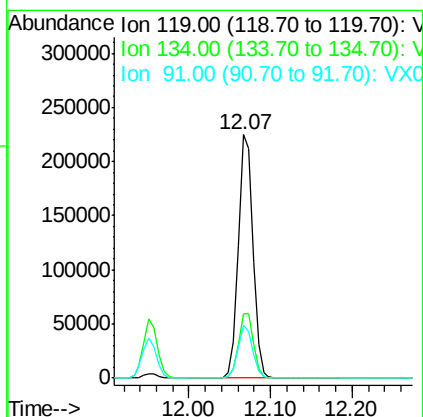
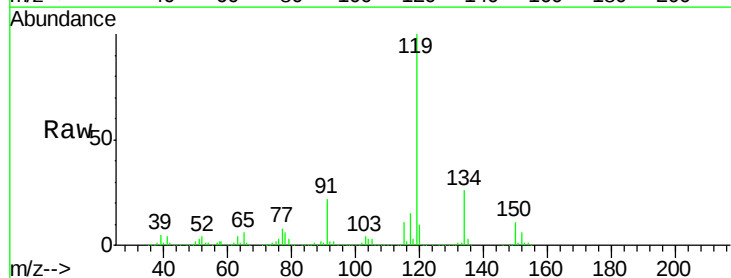
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

Tgt Ion:105 Resp: 299790
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.6



#86
 p-Isopropyltoluene
 Concen: 21.82 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion:119 Resp: 272997
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.96 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

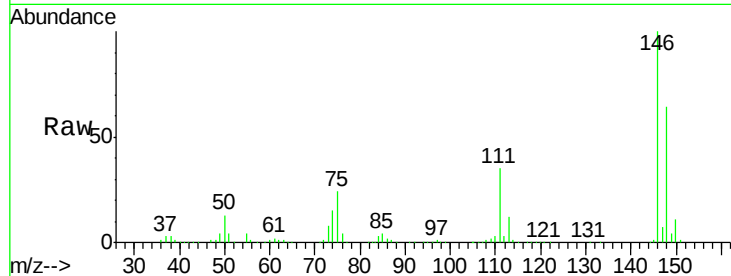
Tgt Ion:146 Resp: 152790

Ion Ratio Lower Upper

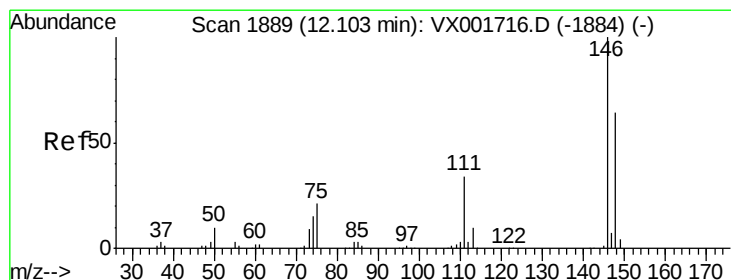
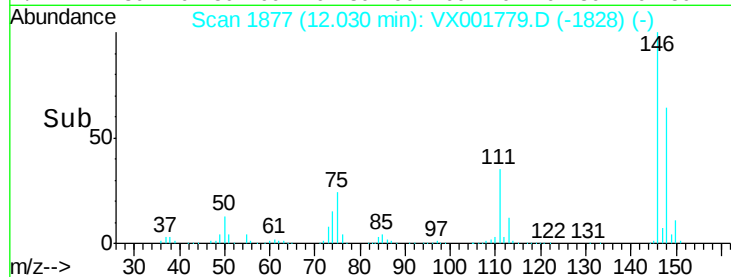
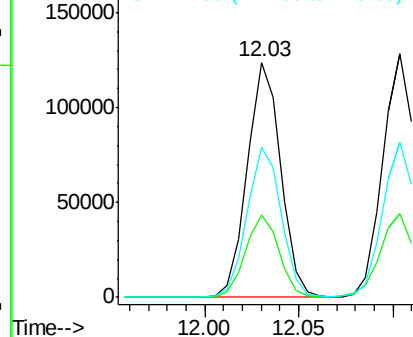
146 100

111 35.3 17.8 53.4

148 65.0 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 20.57 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

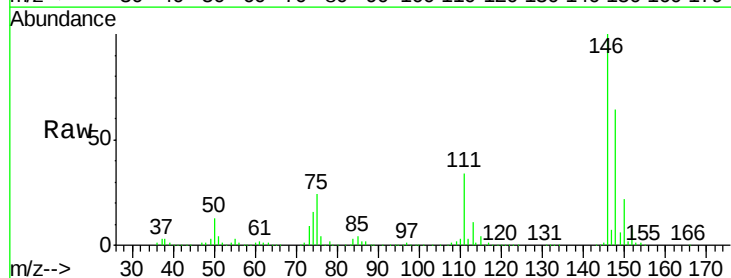
Tgt Ion:146 Resp: 155064

Ion Ratio Lower Upper

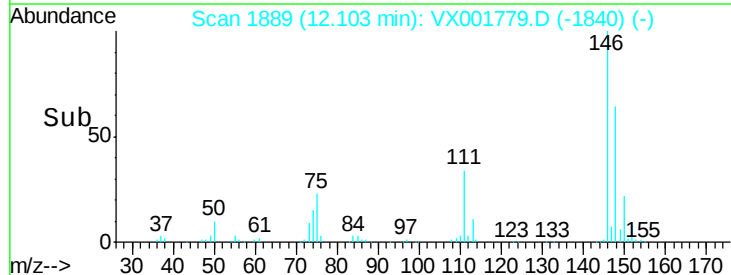
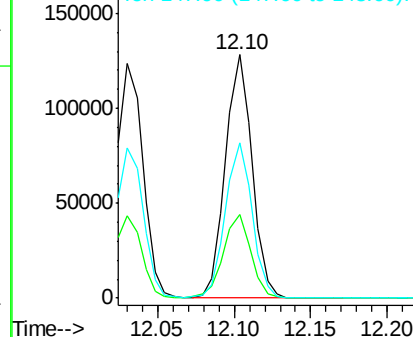
146 100

111 35.6 17.3 52.0

148 64.3 32.3 96.9



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

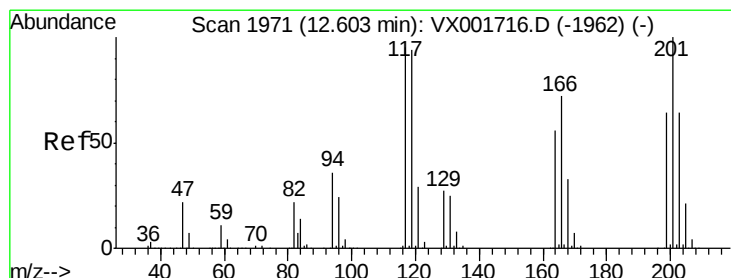
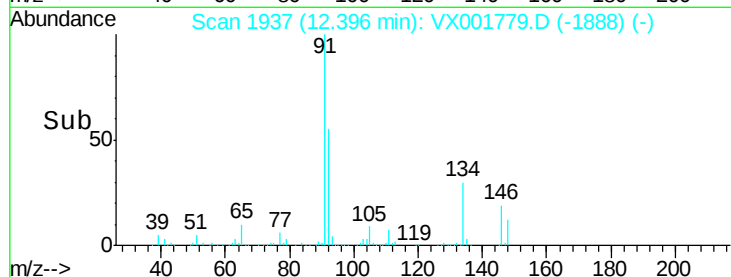
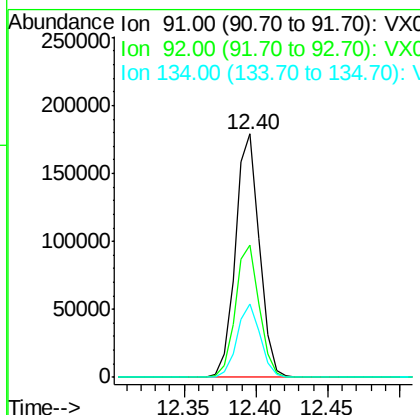
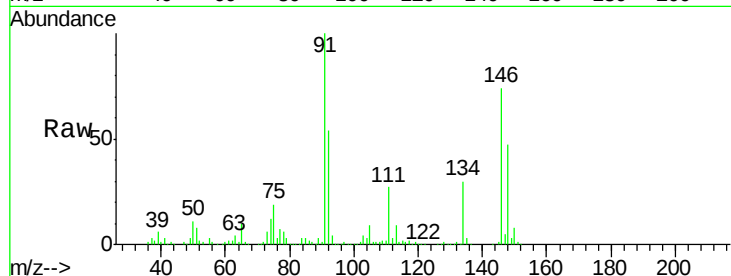




#89
n-Butylbenzene
Concen: 19.30 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

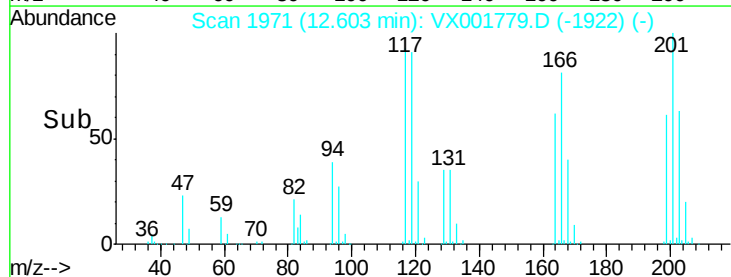
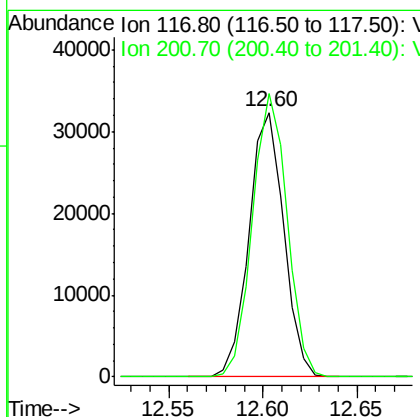
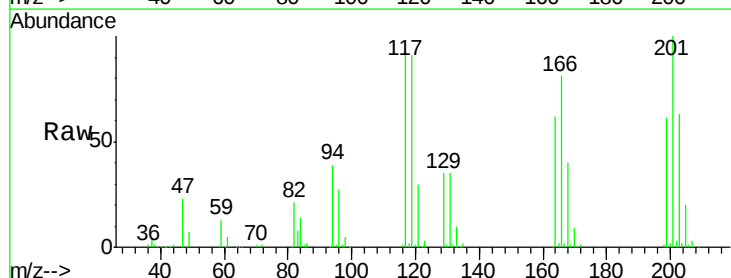
Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

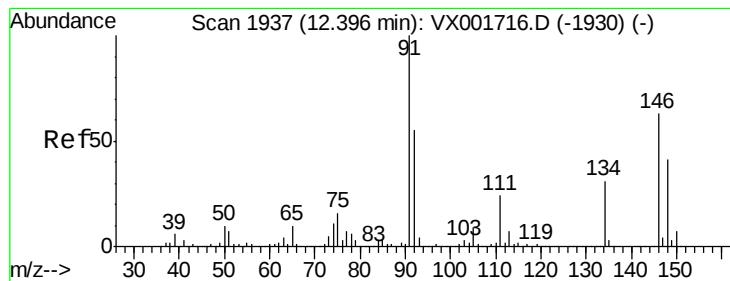
Tgt Ion: 91 Resp: 208753
Ion Ratio Lower Upper
91 100
92 54.2 27.3 81.9
134 29.2 14.7 44.1



#90
Hexachloroethane
Concen: 21.29 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion: 117 Resp: 41360
Ion Ratio Lower Upper
117 100
201 106.7 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 21.59 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBS01

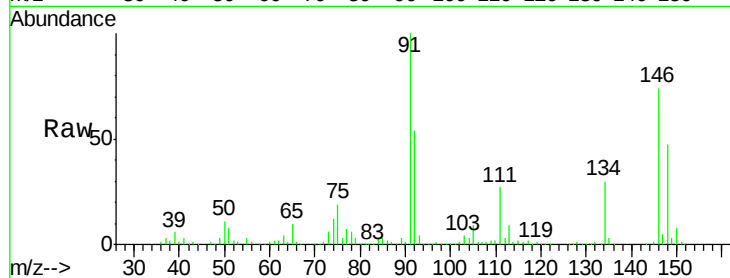
Tgt Ion:146 Resp: 156789

Ion Ratio Lower Upper

146 100

111 37.0 18.6 56.0

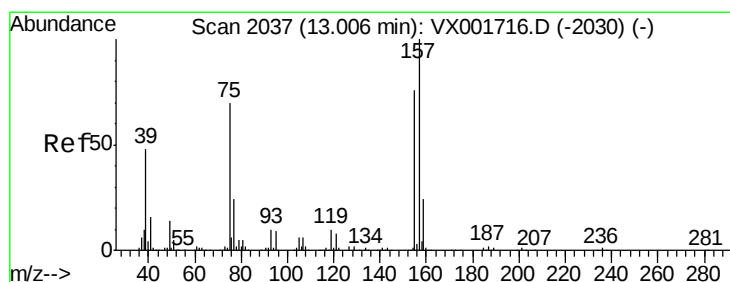
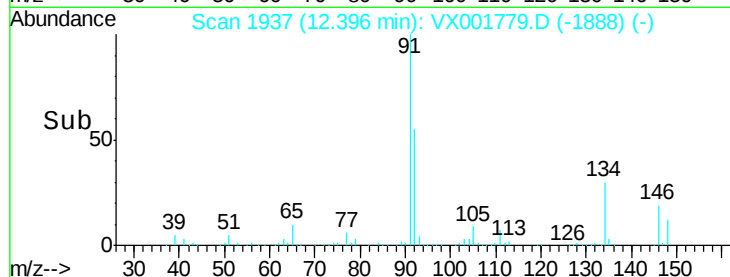
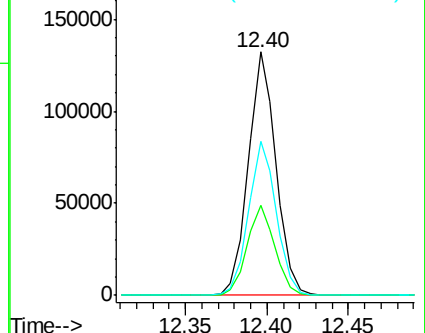
148 63.6 32.4 97.0



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: 21.79 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001779.D

Acq: 16 May 2018 21:51

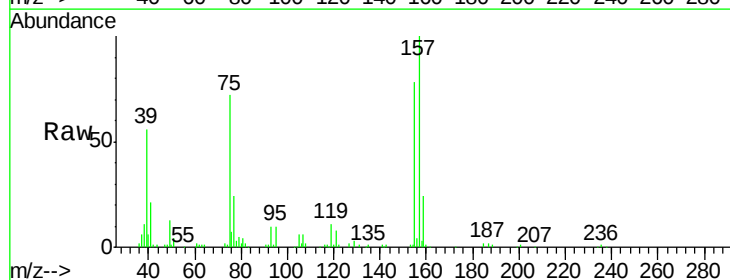
Tgt Ion: 75 Resp: 18711

Ion Ratio Lower Upper

75 100

155 112.1 53.9 161.8

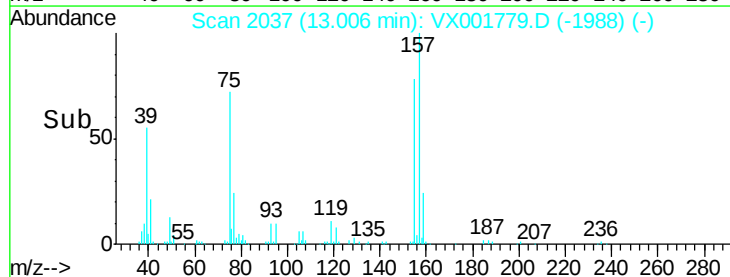
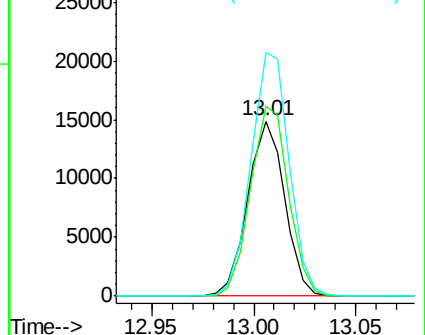
157 144.6 71.0 213.2



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

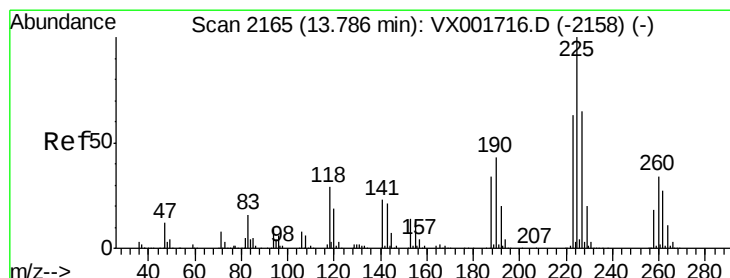
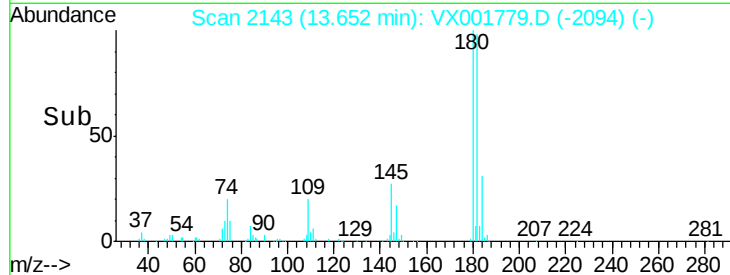
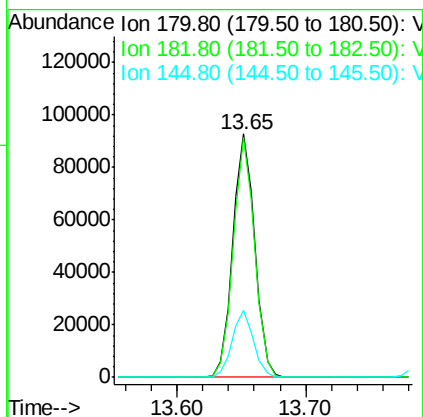
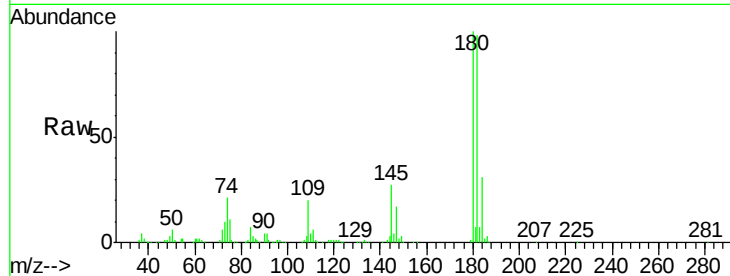




#93
 1,2,4-Trichlorobenzene
 Concen: 19.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

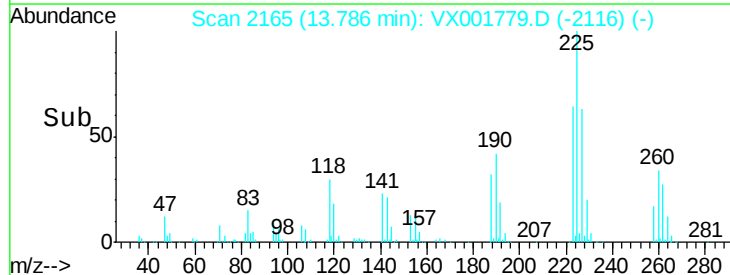
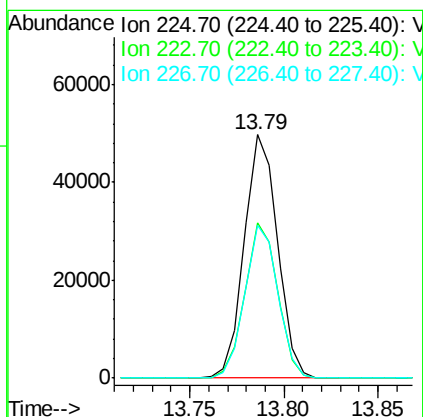
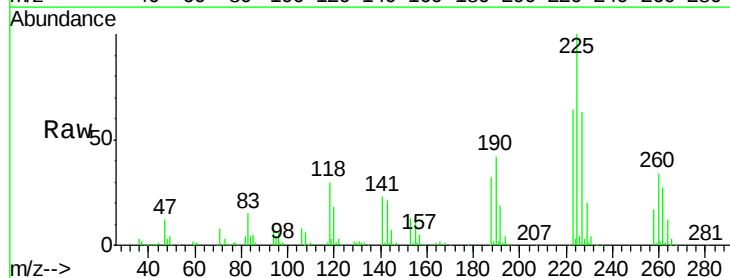
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBS01

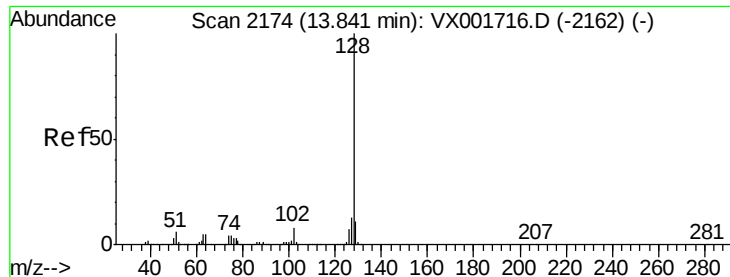
Tgt Ion:180 Resp: 110601
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.9
 145 26.8 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 19.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001779.D
 Acq: 16 May 2018 21:51

Tgt Ion:225 Resp: 60860
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.5
 227 62.6 31.9 95.5

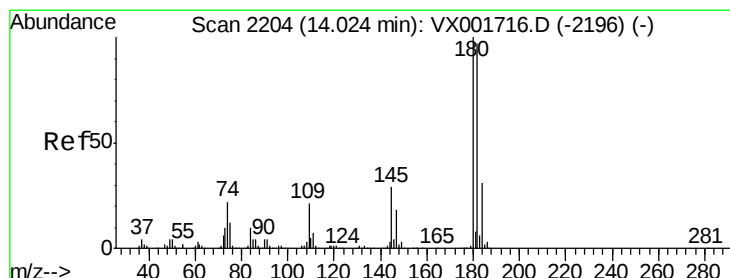
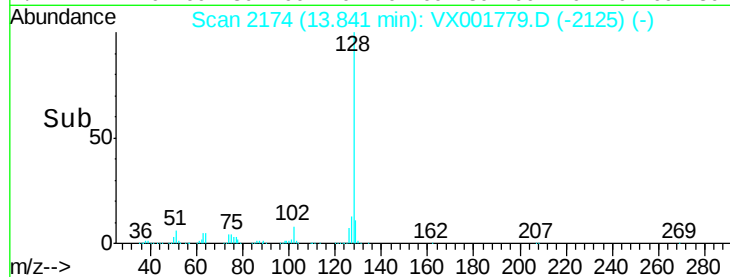
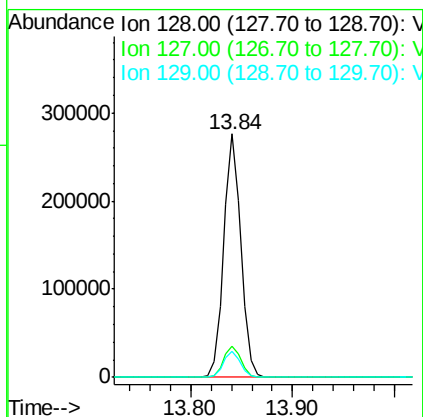
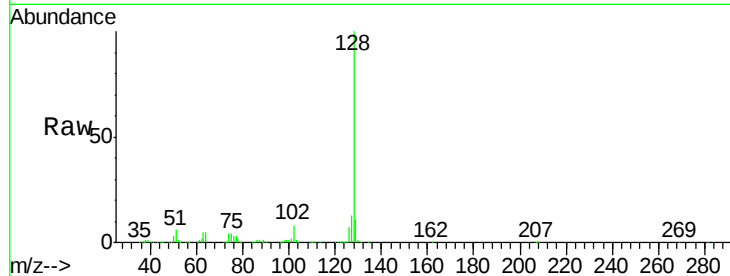




#95
Naphthalene
Concen: 21.44 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Instrument :
MSVOA_X
ClientSampleId :
VX0516MBS01

Tgt Ion:128 Resp: 322695
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.34 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001779.D
Acq: 16 May 2018 21:51

Tgt Ion:180 Resp: 118549
Ion Ratio Lower Upper
180 100
182 97.1 47.9 143.7
145 28.1 14.2 42.8

