

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000779.D
 Acq On : 11 Apr 2018 15:30
 Operator : JC/MD
 Sample : VX0411WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 16:18:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158245	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	5.51	113	133668	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	8.72	98	480121	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.15	95	194727	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56844	21.25	ug/l	99
3) Chloromethane	1.32	50	42497	18.53	ug/l	98
4) Vinyl Chloride	1.40	62	53047	20.56	ug/l	97
5) Bromomethane	1.64	94	15112	13.13	ug/l	100
6) Chloroethane	1.73	64	31738	20.30	ug/l	99
7) Trichlorofluoromethane	1.93	101	81613	20.97	ug/l	99
8) Diethyl Ether	2.19	74	31834	21.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47407	20.66	ug/l	99
10) Methyl Iodide	2.51	142	11649	13.68	ug/l	99
11) Tert butyl alcohol	3.07	59	63607	119.89	ug/l	99
12) 1,1-Dichloroethene	2.38	96	45616	20.97	ug/l	99
13) Acrolein	2.30	56	25015	97.09	ug/l	99
14) Allyl chloride	2.73	41	83459	20.75	ug/l	100
15) Acrylonitrile	3.15	53	130805	115.65	ug/l	100
16) Acetone	2.45	43	117308	113.84	ug/l	99
17) Carbon Disulfide	2.57	76	131295	19.93	ug/l	99
18) Methyl Acetate	2.78	43	63357	23.76	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	159668	22.04	ug/l	99
20) Methylene Chloride	2.86	84	51843	21.63	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	49940	20.82	ug/l	99
22) Diisopropyl ether	3.88	45	166020	22.46	ug/l	97
23) Vinyl Acetate	3.83	43	749658	115.52	ug/l	98
24) 1,1-Dichloroethane	3.70	63	90021	21.71	ug/l	100
25) 2-Butanone	4.71	43	197223	115.90	ug/l	98
26) 2,2-Dichloropropane	4.59	77	82396	20.02	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59216	21.75	ug/l	99
28) Bromochloromethane	5.03	49	35794	21.43	ug/l	98
29) Tetrahydrofuran	5.18	42	125850	116.48	ug/l	100
30) Chloroform	5.22	83	96130	21.89	ug/l	100
31) Cyclohexane	5.59	56	80324	20.39	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	89030	21.28	ug/l	99
36) 1,1-Dichloropropene	5.81	75	71371	19.64	ug/l	99
37) Ethyl Acetate	4.87	43	76276	21.50	ug/l	99
38) Carbon Tetrachloride	5.79	117	80269	19.73	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	83689	19.18	ug/l	99
40) Benzene	6.15	78	206797	20.48	ug/l	99
41) Methacrylonitrile	5.07	41	44159	21.54	ug/l	100
42) 1,2-Dichloroethane	6.21	62	80273	21.28	ug/l	99
43) Isopropyl Acetate	6.48	43	128897	21.19	ug/l	100
44) Trichloroethene	7.22	130	63029	20.07	ug/l	96
45) 1,2-Dichloropropane	7.52	63	52172	20.29	ug/l	96
46) Dibromomethane	7.67	93	37269	20.79	ug/l	99
47) Bromodichloromethane	7.91	83	73912	20.43	ug/l	100
48) Methyl methacrylate	7.79	41	67761	21.49	ug/l	99
49) 1,4-Dioxane	7.76	88	28930	456.59	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	393302	110.08	ug/l	99
52) Toluene	8.79	92	136145	20.32	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	87935	20.26	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	85719	20.28	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55046	20.70	ug/l	99
56) Ethyl methacrylate	9.19	69	85589	20.86	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88976	21.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	209656	109.38	ug/l	100
59) 2-Hexanone	9.51	43	298511	108.22	ug/l	99
60) Dibromochloromethane	9.59	129	64408	20.24	ug/l	99
61) 1,2-Dibromoethane	9.68	107	59684	21.15	ug/l	98
64) Tetrachloroethene	9.34	164	61611	20.27	ug/l	96
65) Chlorobenzene	10.15	112	160206	20.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	59999	20.38	ug/l	100
67) Ethyl Benzene	10.26	91	265237	20.34	ug/l	99
68) m/p-Xylenes	10.37	106	209868	40.78	ug/l	100
69) o-Xylene	10.71	106	100917	20.34	ug/l	100
70) Styrene	10.72	104	170787	20.42	ug/l	99
71) Bromoform	10.87	173	54078	19.84	ug/l	# 100
73) Isopropylbenzene	11.02	105	272582	20.64	ug/l	100
74) N-amyl acetate	6.48	43	128897	21.67	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82461	21.52	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	94861	26.42	ug/l	86
77) Bromobenzene	11.26	156	79992	20.67	ug/l	100
78) n-propylbenzene	11.37	91	307721	20.37	ug/l	100
79) 2-Chlorotoluene	11.43	91	184595	20.68	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	231766	20.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24198	18.54	ug/l	95
82) 4-Chlorotoluene	11.52	91	220636	20.47	ug/l	99
83) tert-Butylbenzene	11.77	119	241009	20.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	238750	20.36	ug/l	100
85) sec-Butylbenzene	11.95	105	277743	20.26	ug/l	100
86) p-Isopropyltoluene	12.07	119	255329	19.97	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	146423	20.44	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148504	20.23	ug/l	99
89) n-Butylbenzene	12.40	91	224819	19.93	ug/l	100
90) Hexachloroethane	12.60	117	40701	18.82	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	143249	20.71	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19827	20.65	ug/l	98

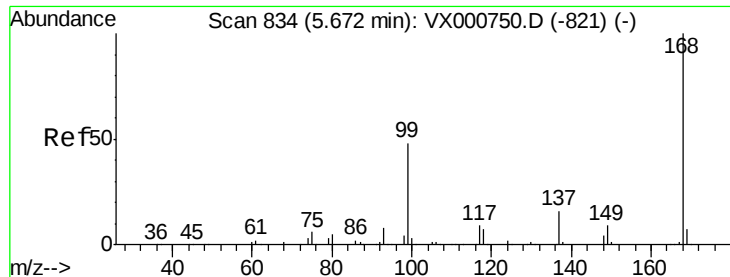
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118475	20.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	56104	19.34	ug/l	100
95) Naphthalene	13.84	128	322996	21.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117530	20.51	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

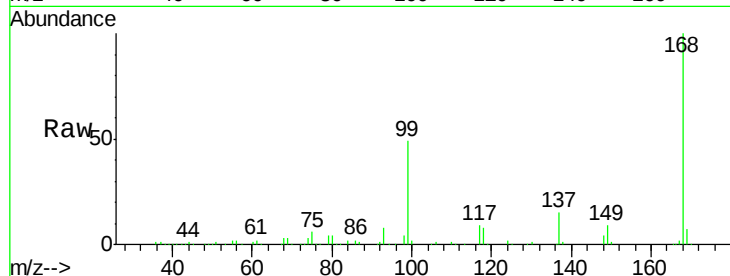
ClientSampled :

Tot Ion:168 Resp: 236987

Ion Ratio Lower Upper

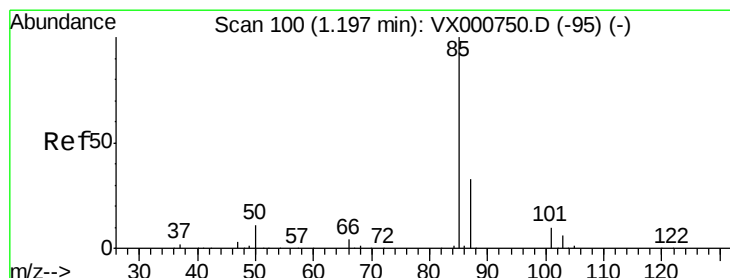
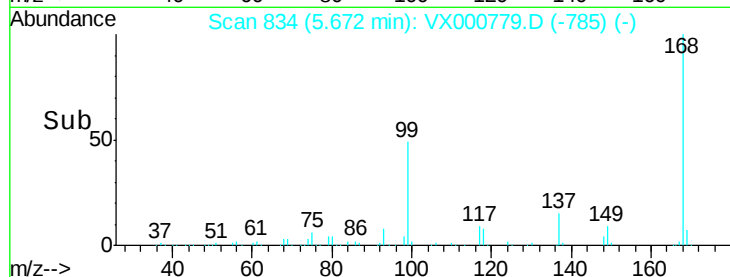
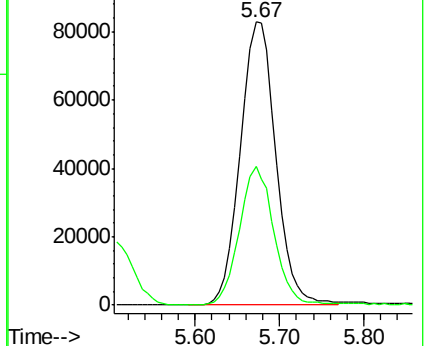
168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000779.D

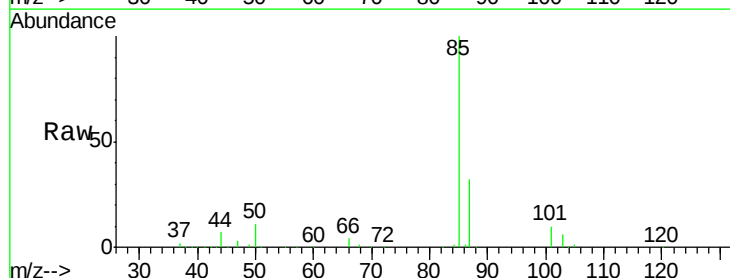
Acq: 11 Apr 2018 15:30

Tgt Ion: 85 Resp: 56844

Ion Ratio Lower Upper

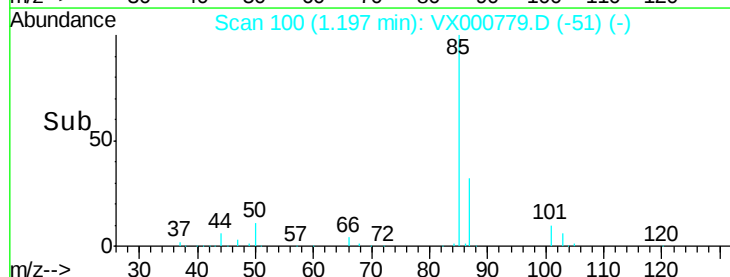
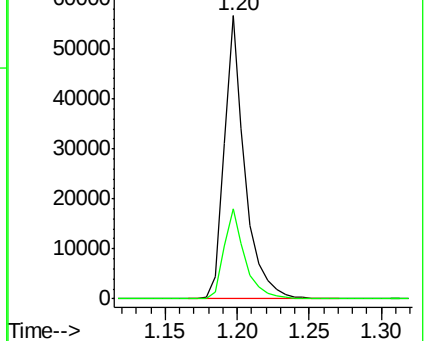
85 100

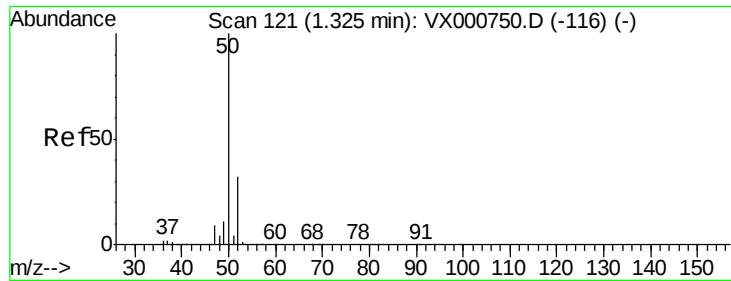
87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.53 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

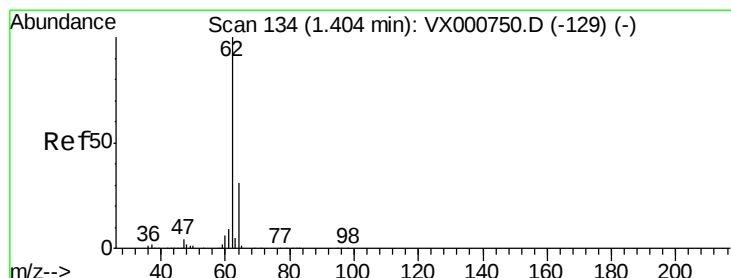
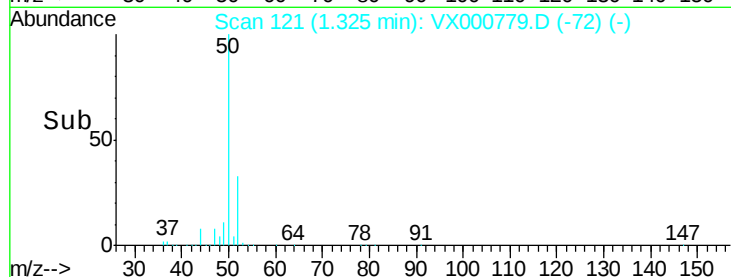
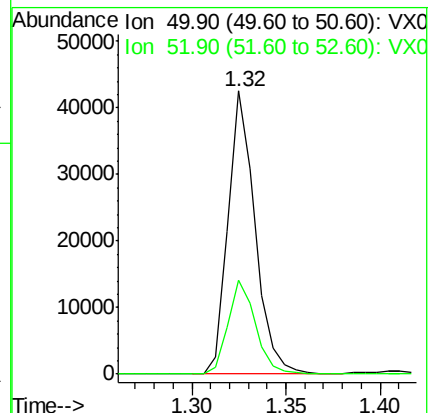
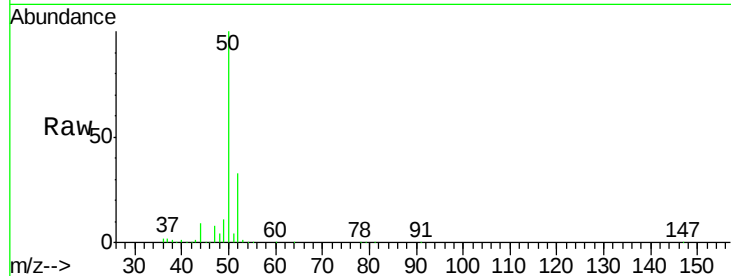
ClientSampleId :

Tot Ion: 50 Resp: 42497

Ion Ratio Lower Upper

50 100

52 33.4 25.8 38.8



#4

Vinyl Chloride

Concen: 20.56 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000779.D

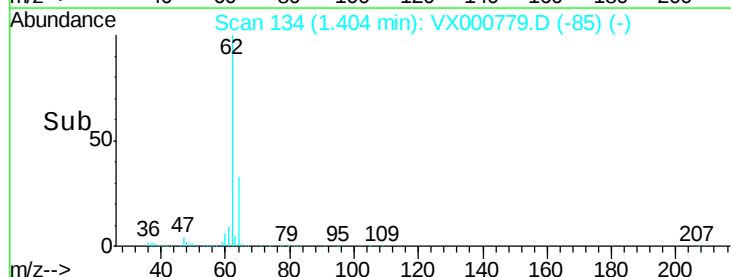
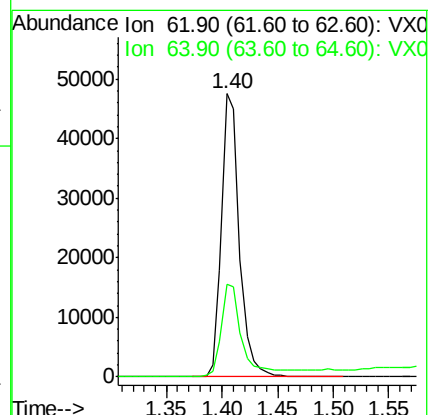
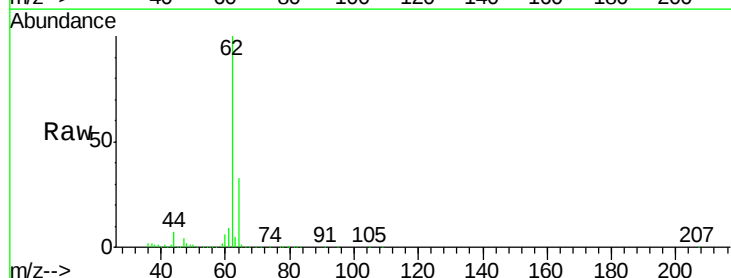
Acq: 11 Apr 2018 15:30

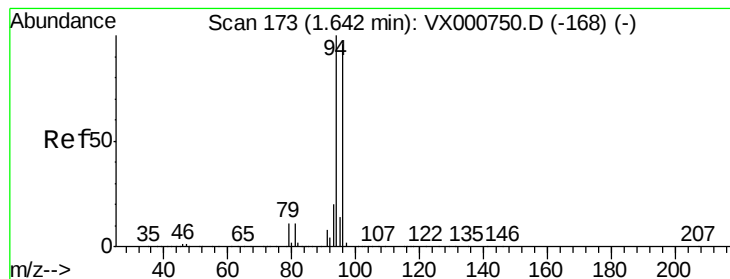
Tgt Ion: 62 Resp: 53047

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8





#5

Bromomethane

Concen: 13.13 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

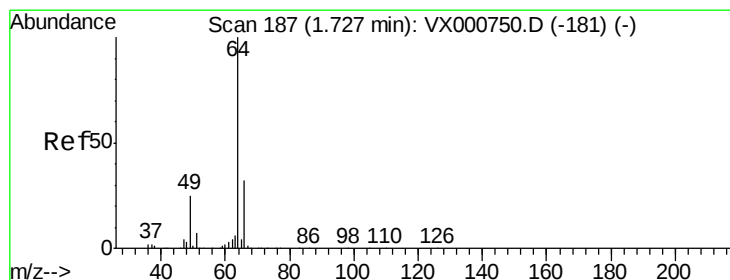
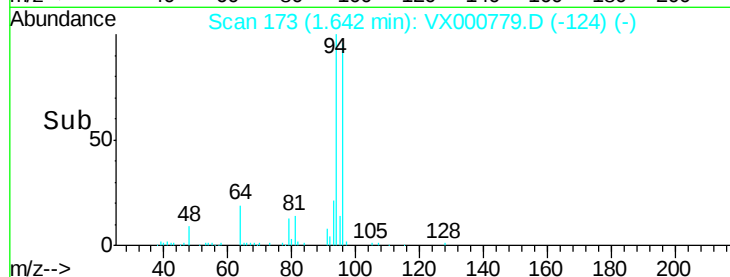
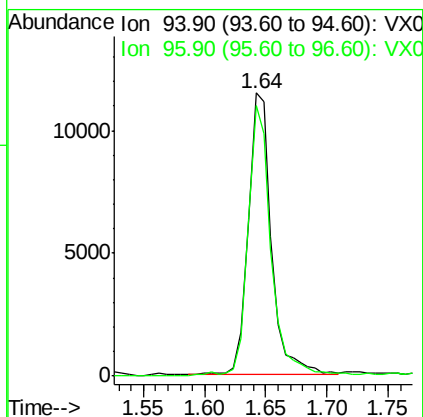
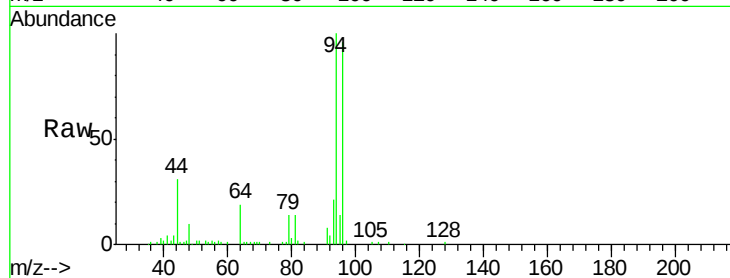
ClientSampleId :

Tot Ion: 94 Resp: 15112

Ion Ratio Lower Upper

94 100

96 96.2 77.0 115.6



#6

Chloroethane

Concen: 20.30 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000779.D

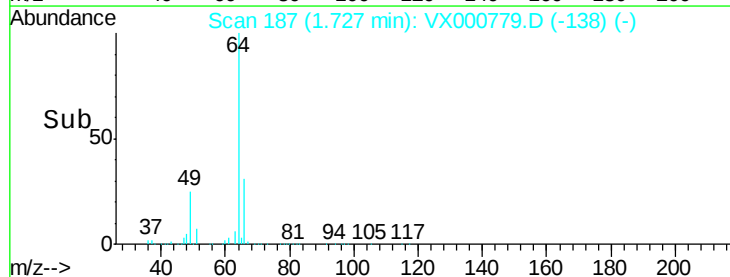
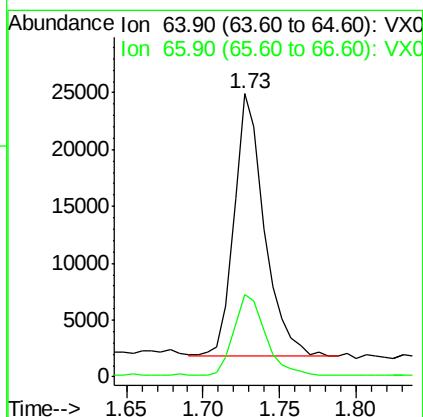
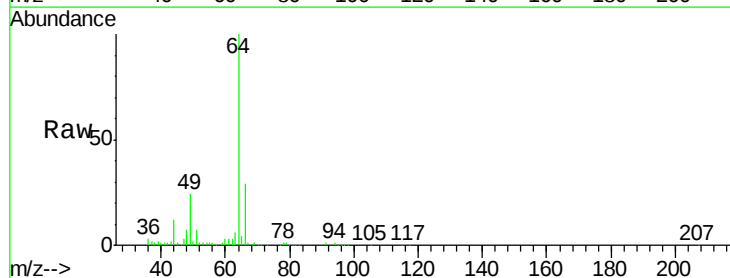
Acq: 11 Apr 2018 15:30

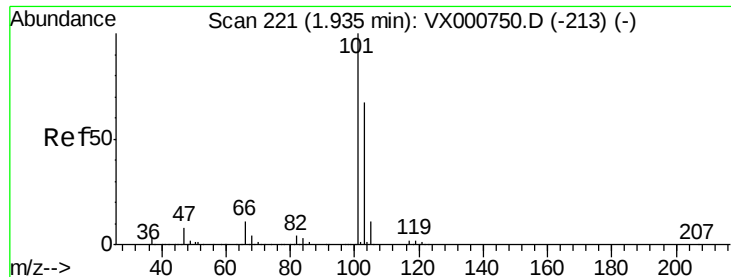
Tgt Ion: 64 Resp: 31738

Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9





#7

Trichlorofluoromethane

Concen: 20.97 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

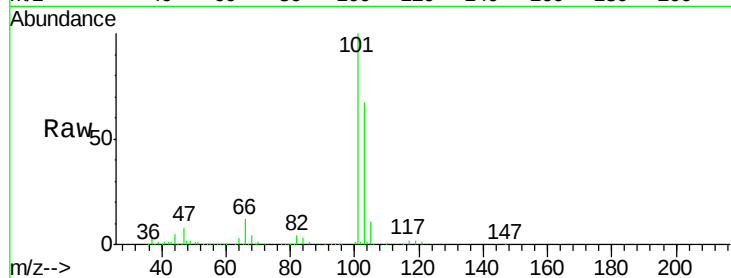
ClientSampleId :

Tot Ion:101 Resp: 81613

Ion Ratio Lower Upper

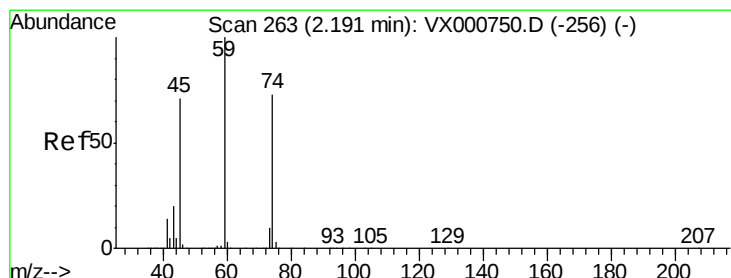
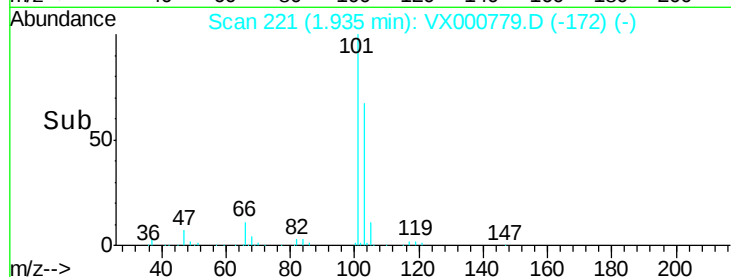
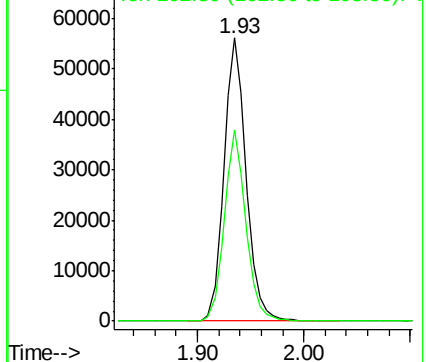
101 100

103 67.5 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.89 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX000779.D

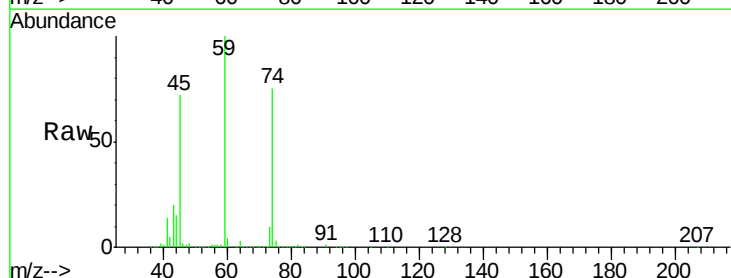
Acq: 11 Apr 2018 15:30

Tgt Ion: 74 Resp: 31834

Ion Ratio Lower Upper

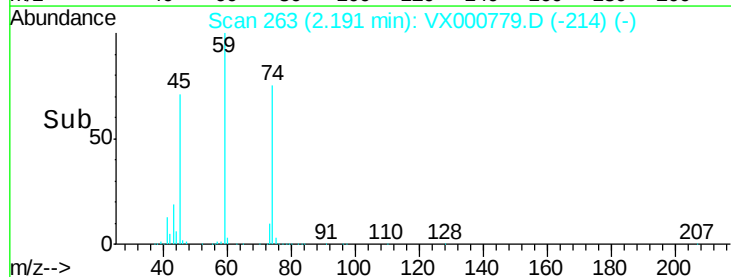
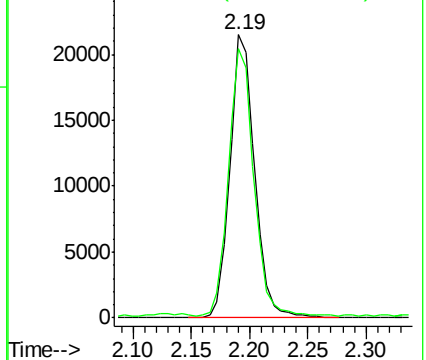
74 100

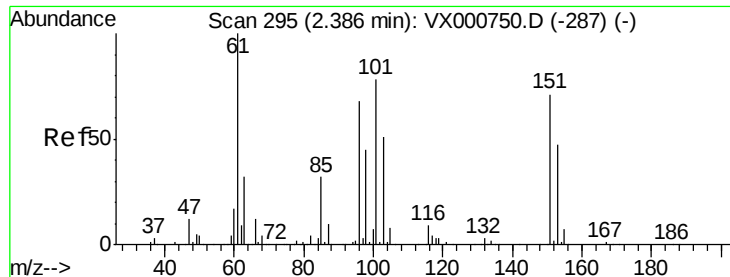
45 95.5 48.6 145.8



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: 20.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

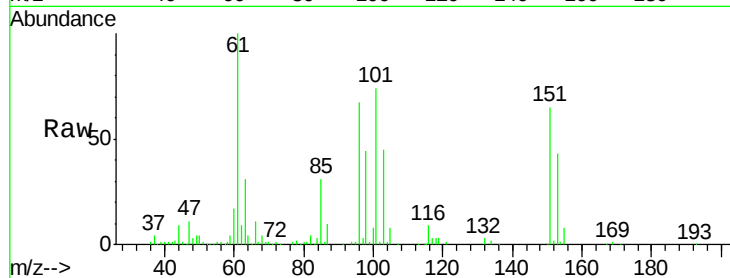
Tot Ion:101 Resp: 47407

Ion Ratio Lower Upper

101 100

85 42.4 34.0 51.0

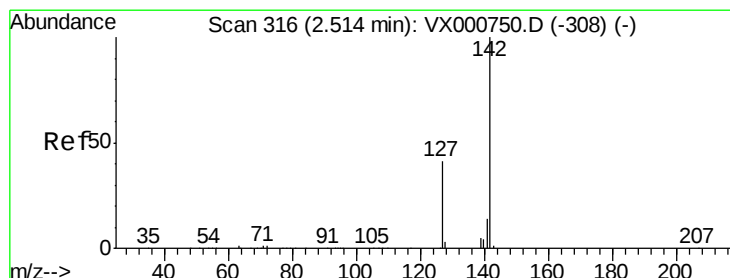
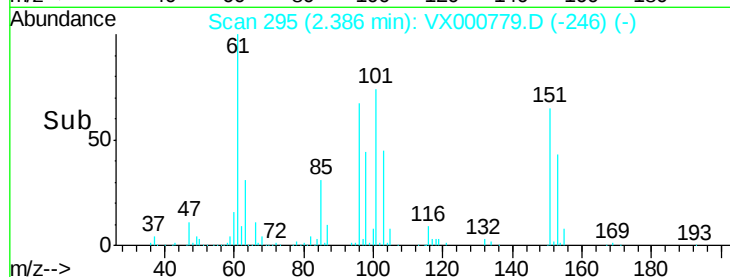
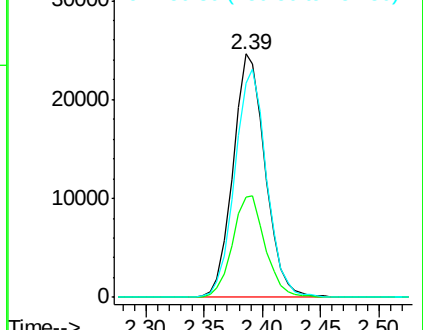
151 92.9 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.68 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

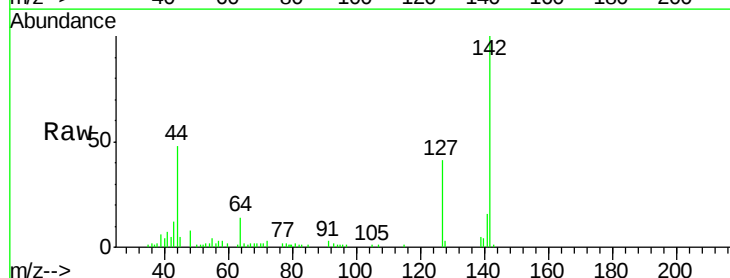
Tgt Ion:142 Resp: 11649

Ion Ratio Lower Upper

142 100

127 41.6 32.6 49.0

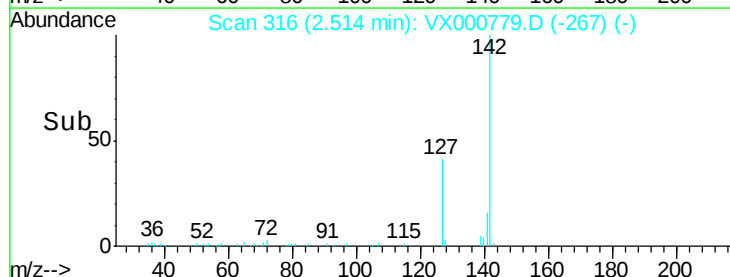
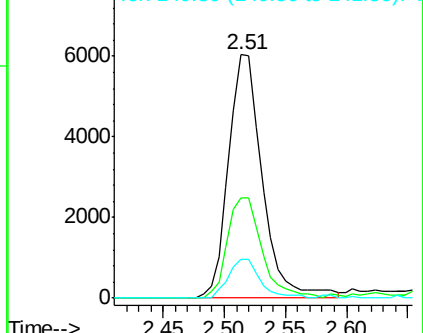
141 14.7 11.5 17.3

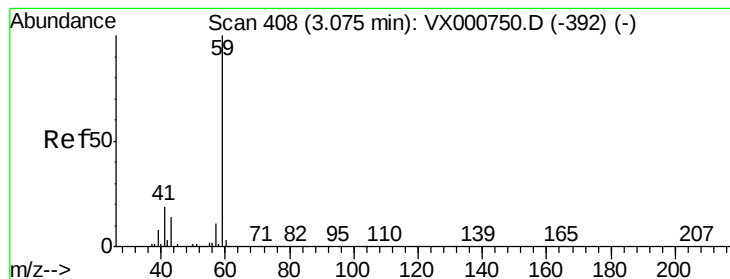


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 119.89 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

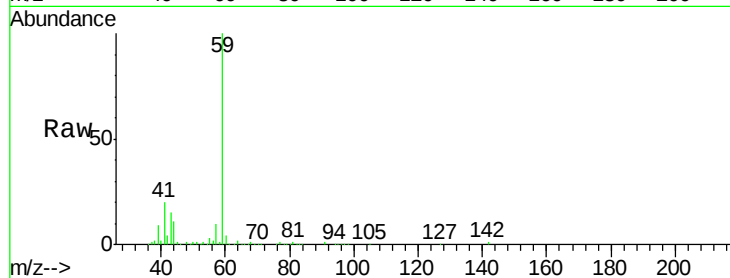
ClientSampleId :

Tot Ion: 59 Resp: 63607

Ion Ratio Lower Upper

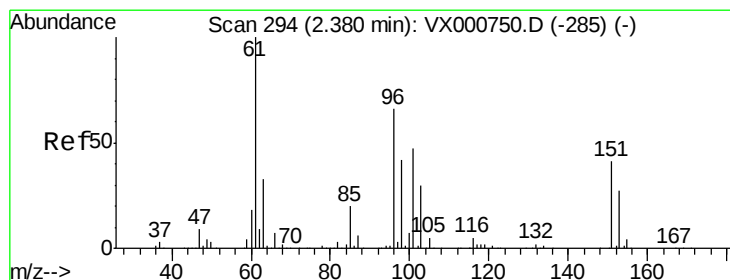
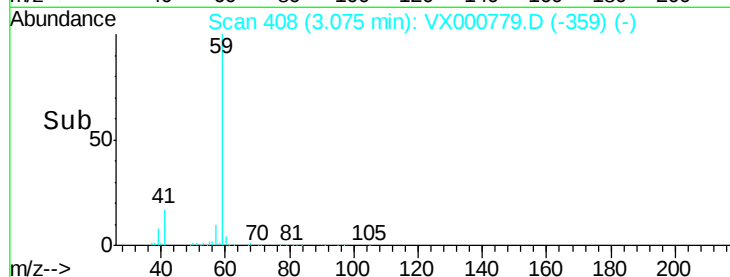
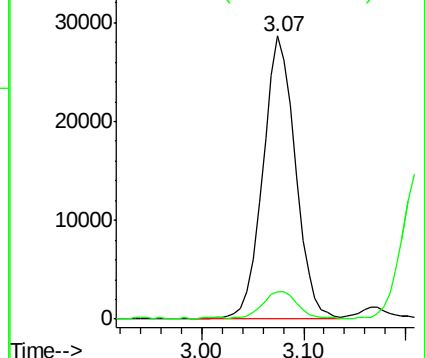
59 100

57 9.9 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 20.97 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

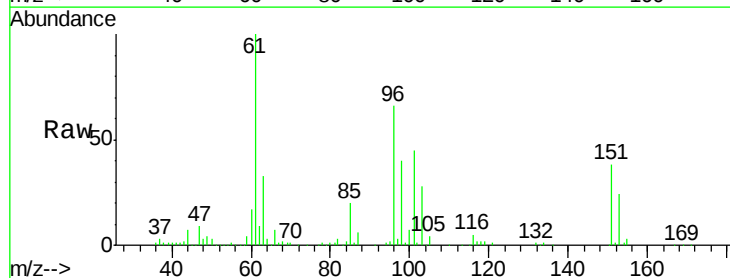
Tgt Ion: 96 Resp: 45616

Ion Ratio Lower Upper

96 100

61 150.9 120.5 180.7

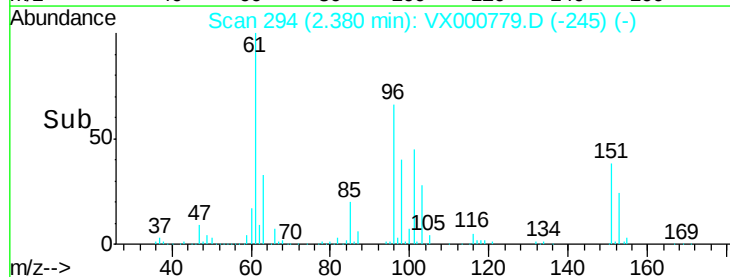
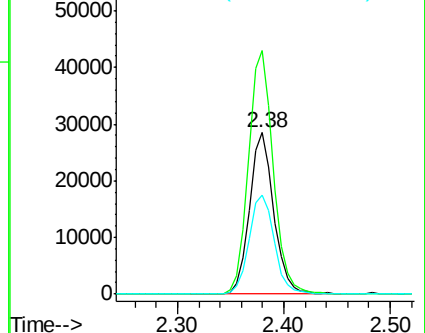
98 61.0 50.9 76.3

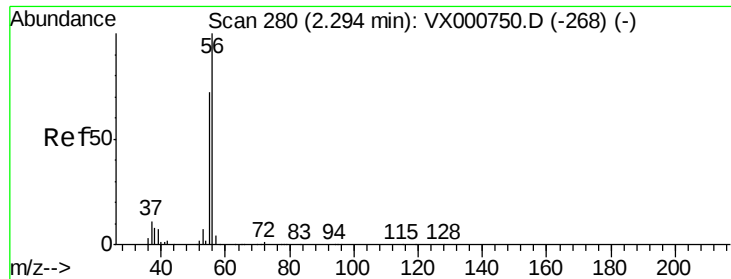


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 97.09 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

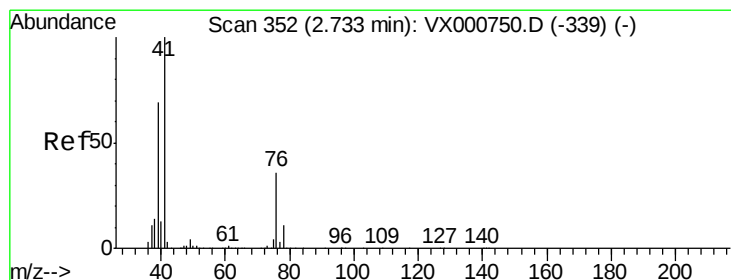
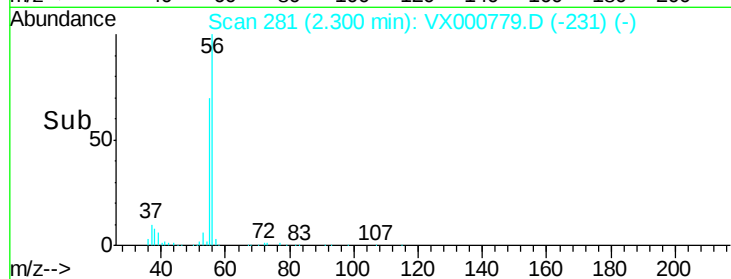
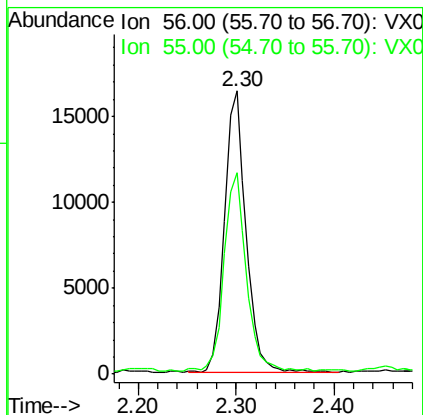
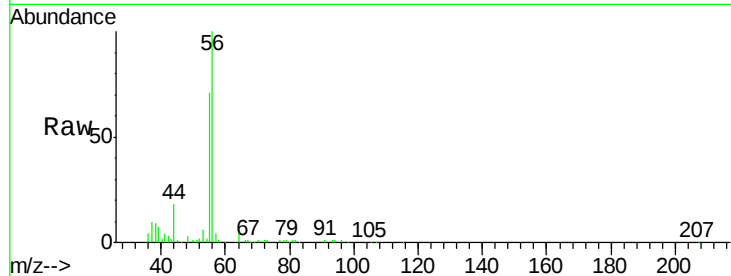
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 25015

Ion Ratio Lower Upper

56 100

55 72.5 58.7 88.1



#14

Allyl chloride

Concen: 20.75 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

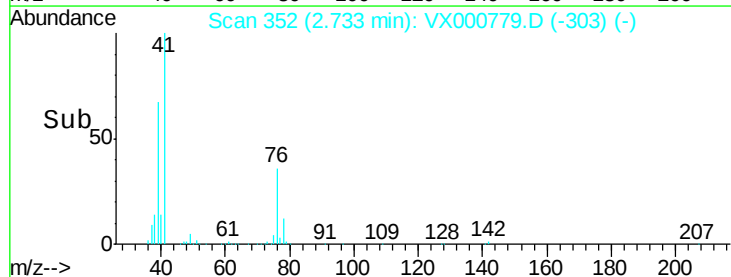
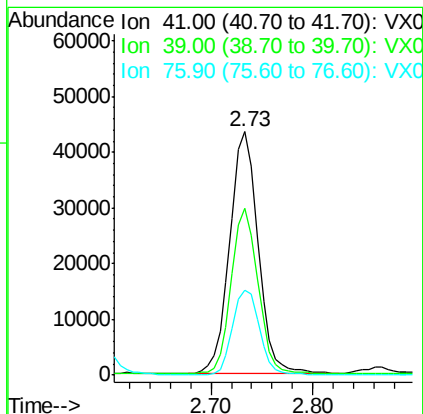
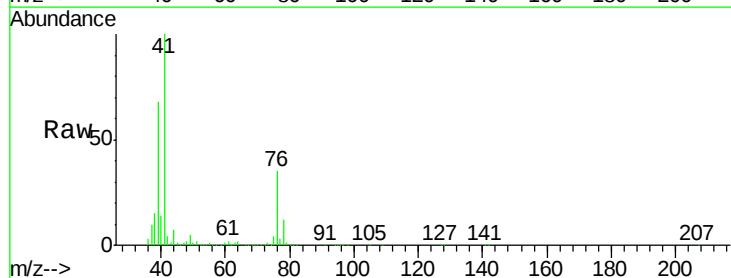
Tgt Ion: 41 Resp: 83459

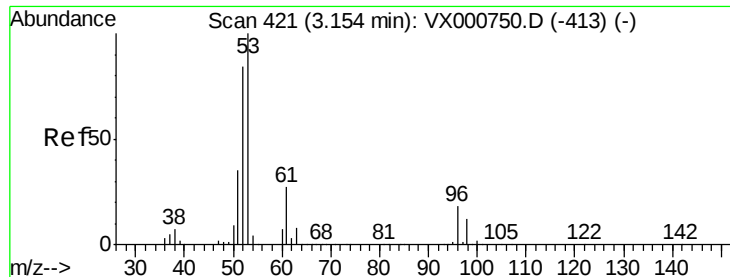
Ion Ratio Lower Upper

41 100

39 64.4 51.5 77.3

76 33.2 26.5 39.7





#15

Acrylonitrile

Concen: 115.65 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

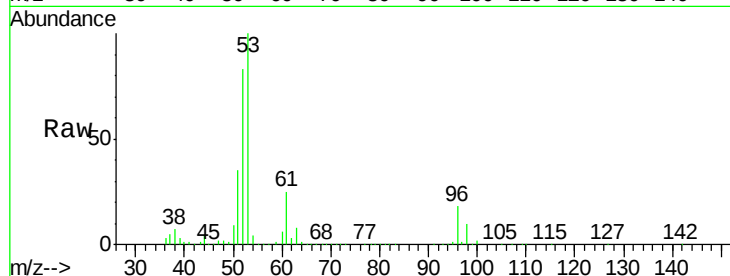
Tot Ion: 53 Resp: 130805

Ion Ratio Lower Upper

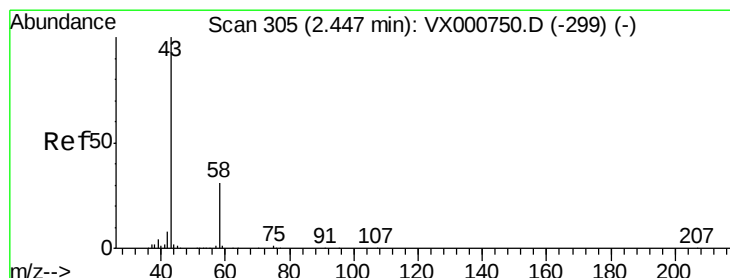
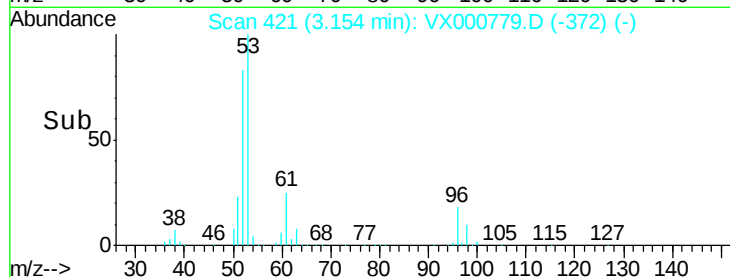
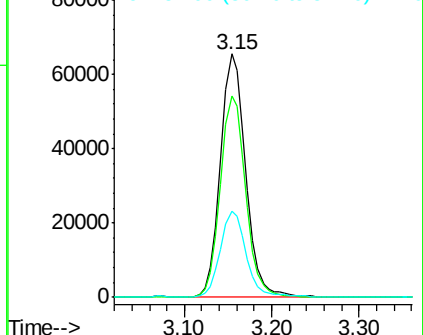
53 100

52 83.1 66.5 99.7

51 35.9 28.8 43.2



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: 113.84 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000779.D

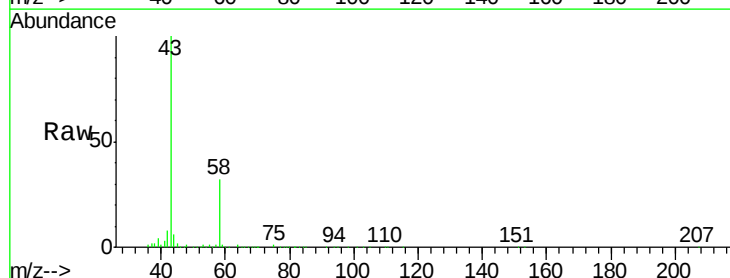
Acq: 11 Apr 2018 15:30

Tgt Ion: 43 Resp: 117308

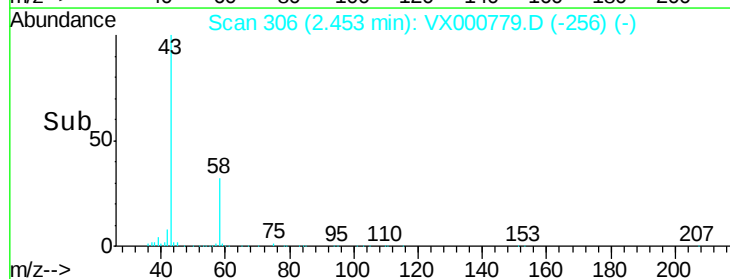
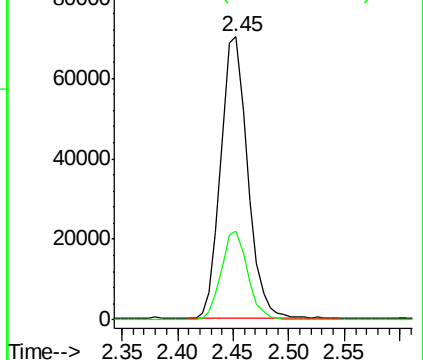
Ion Ratio Lower Upper

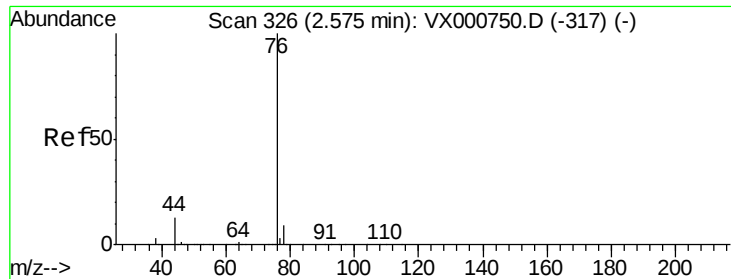
43 100

58 31.6 24.6 37.0



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





#17

Carbon Disulfide

Concen: 19.93 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

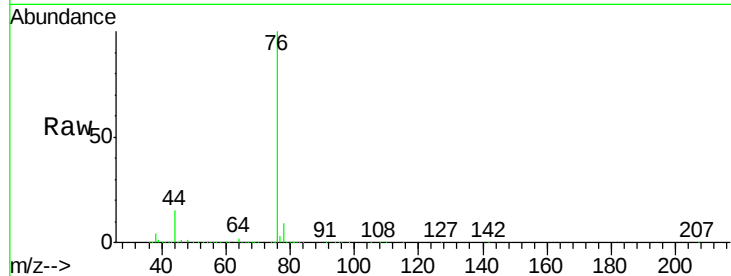
ClientSampleId :

Tot Ion: 76 Resp: 131295

Ion Ratio Lower Upper

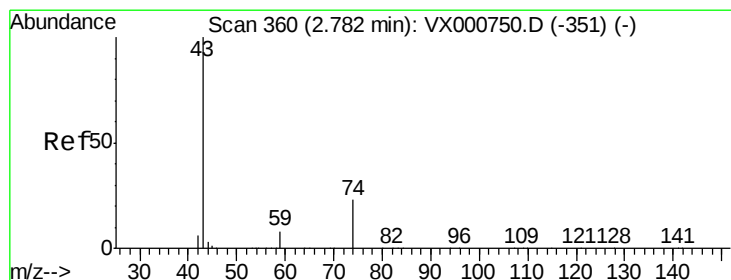
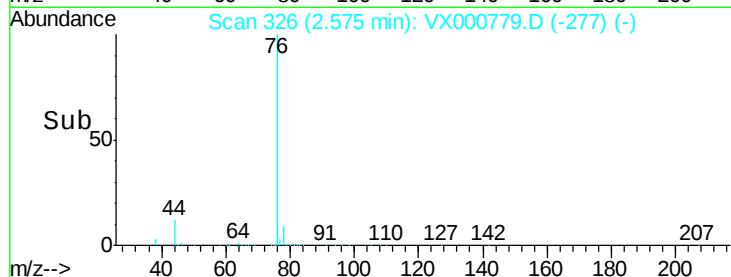
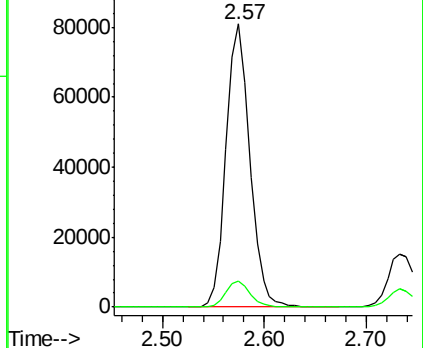
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.76 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000779.D

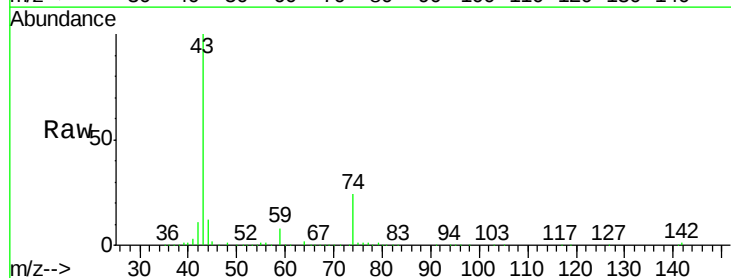
Acq: 11 Apr 2018 15:30

Tgt Ion: 43 Resp: 63357

Ion Ratio Lower Upper

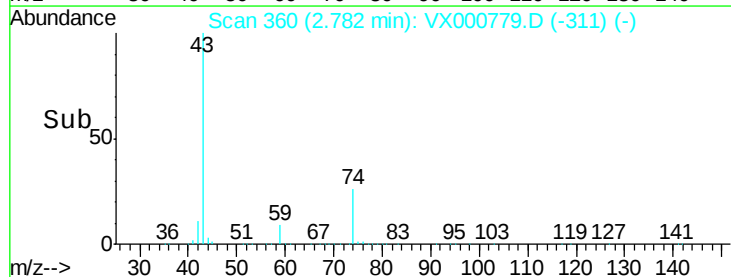
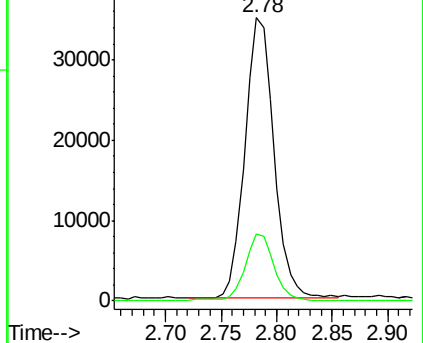
43 100

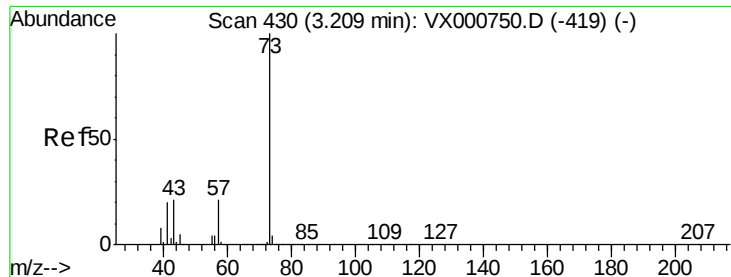
74 23.2 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



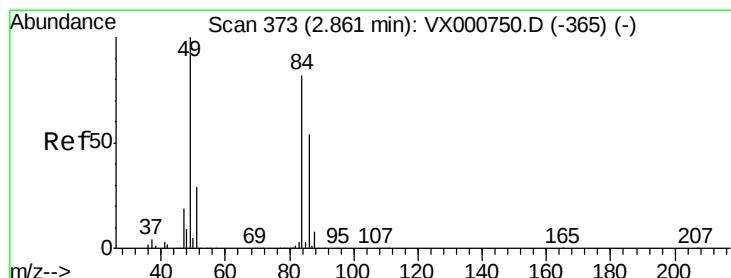
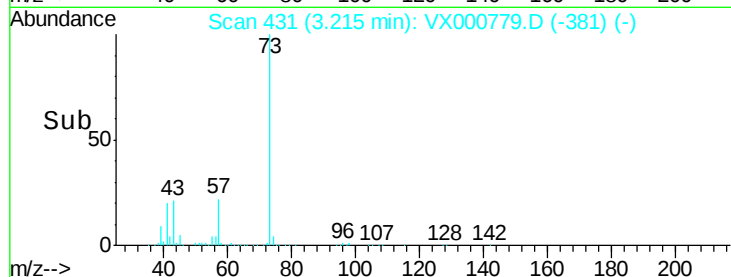
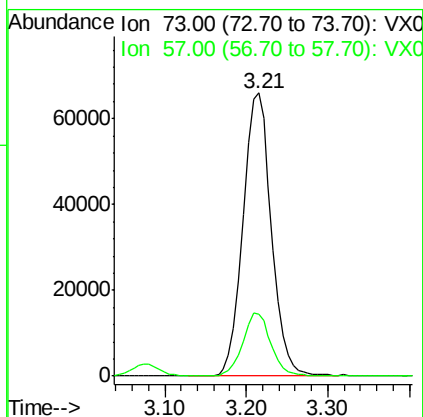
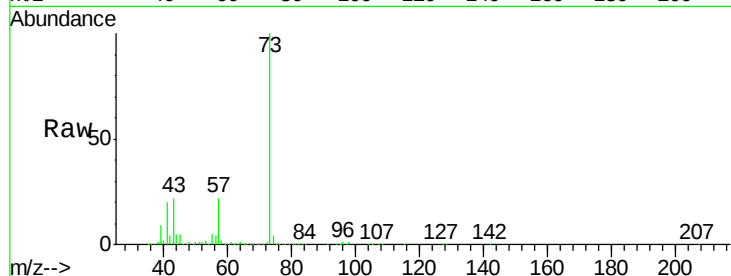


#19

Methyl tert-butyl Ether
 Concen: 22.04 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Instrument :
 MSVOA_X
 ClientSampleId :

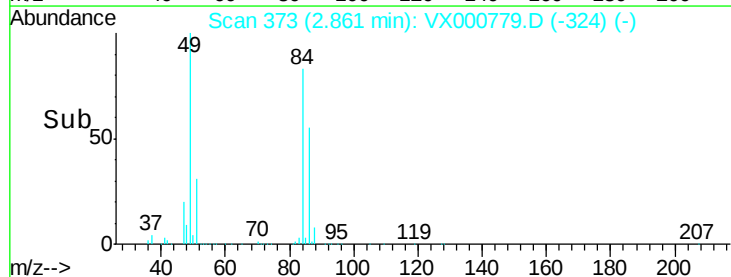
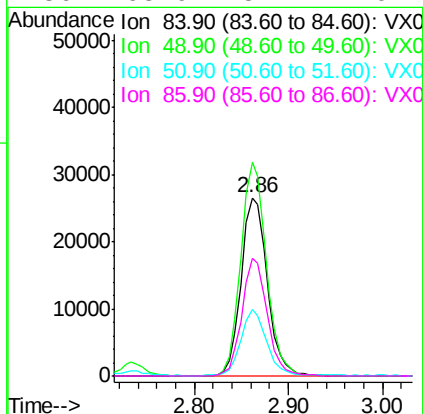
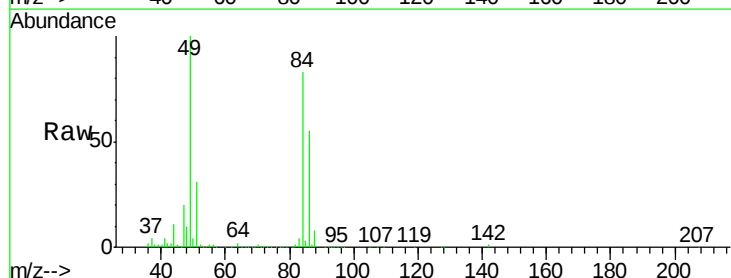
Tot Ion: 73 Resp: 159668
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.9 25.3

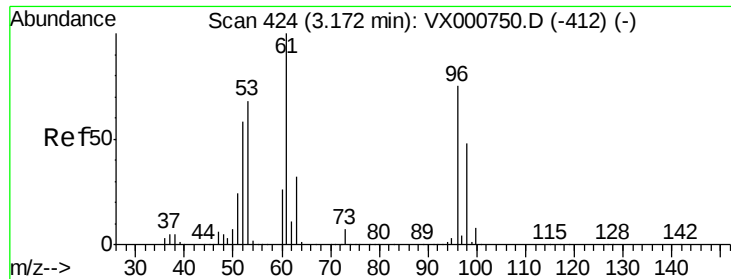


#20

Methylene Chloride
 Concen: 21.63 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Tgt Ion: 84 Resp: 51843
 Ion Ratio Lower Upper
 84 100
 49 120.0 98.1 147.1
 51 36.8 28.9 43.3
 86 65.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.82 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :

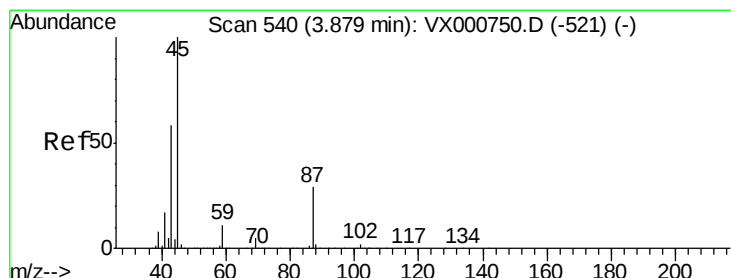
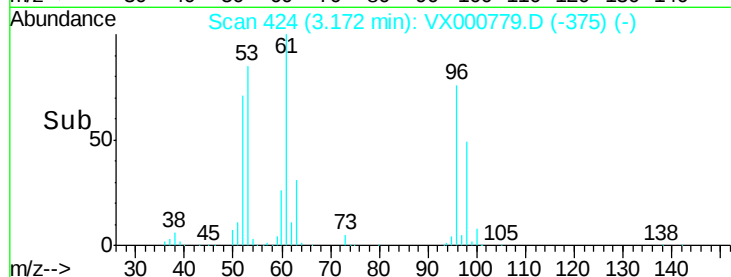
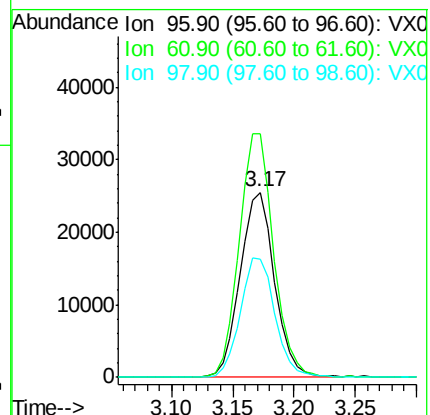
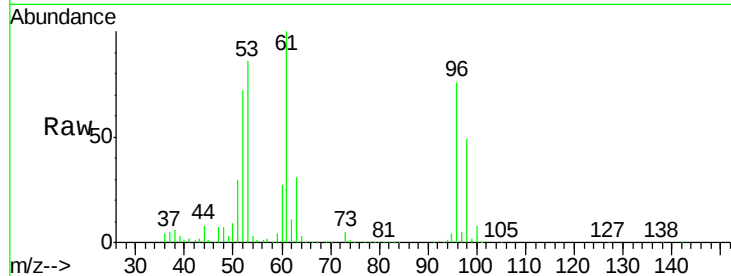
Tot Ion: 96 Resp: 49940

Ion Ratio Lower Upper

96 100

61 131.8 106.2 159.2

98 64.1 51.2 76.8



#22

Diisopropyl ether

Concen: 22.46 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Tgt Ion: 45 Resp: 166020

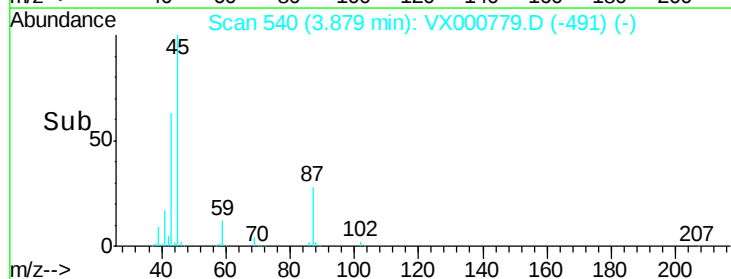
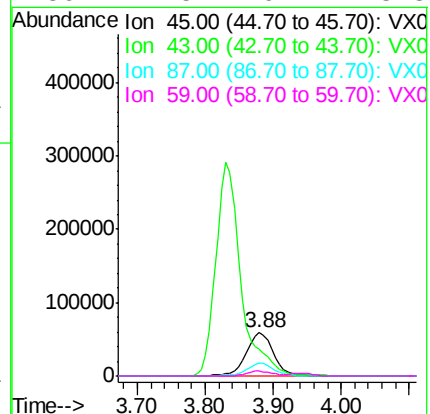
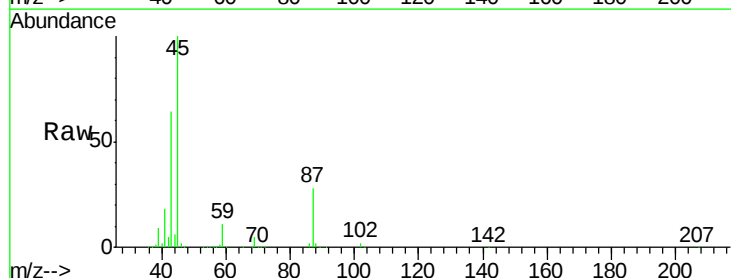
Ion Ratio Lower Upper

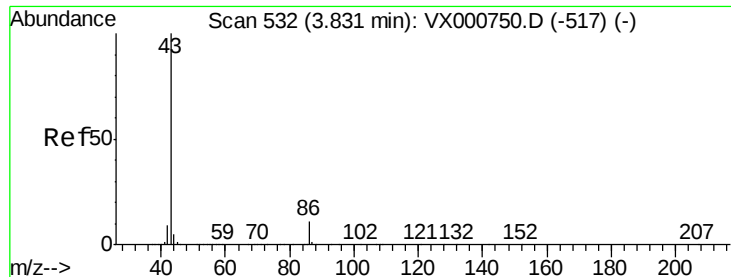
45 100

43 62.4 46.6 69.8

87 28.4 22.9 34.3

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 115.52 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

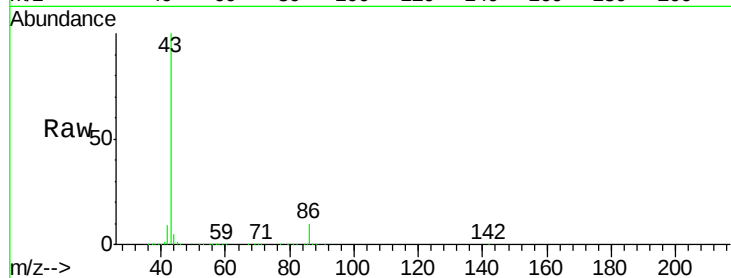
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 749658

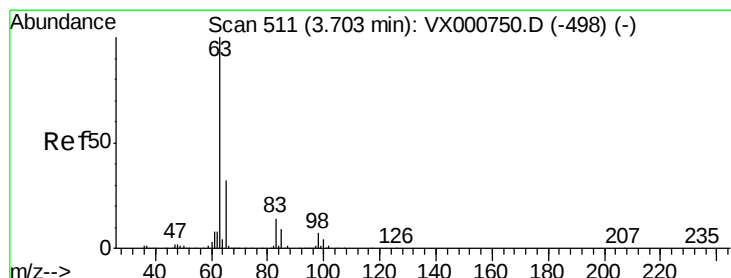
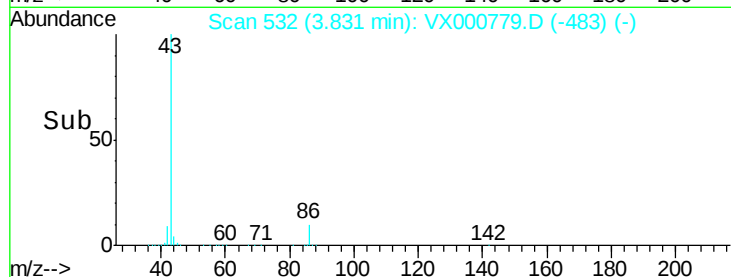
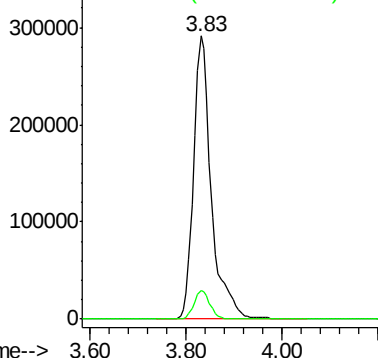
Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.71 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

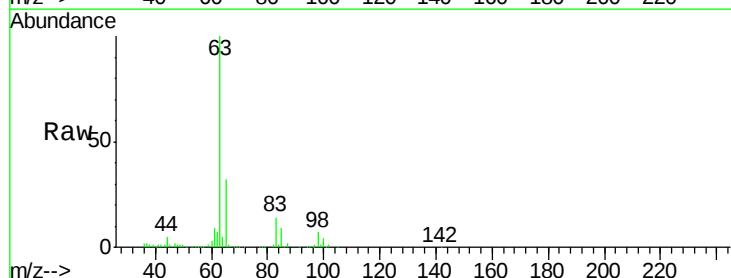
Tgt Ion: 63 Resp: 90021

Ion Ratio Lower Upper

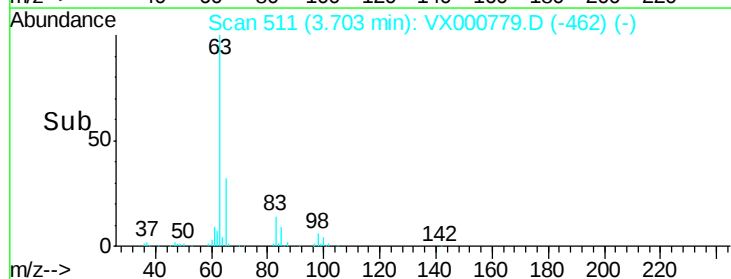
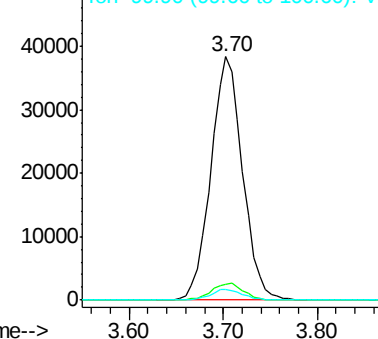
63 100

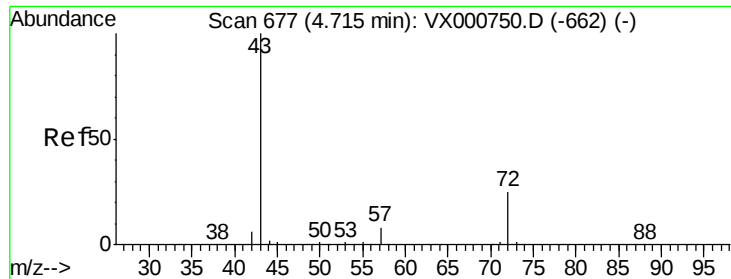
98 6.5 3.3 9.9

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 115.90 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

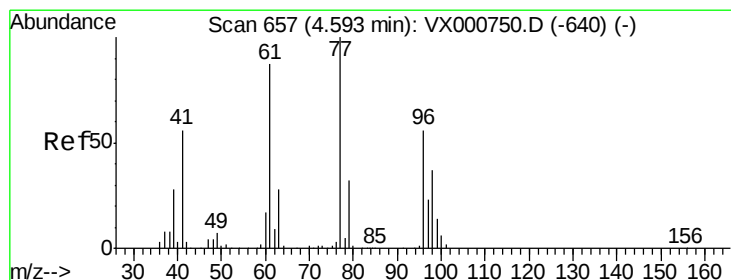
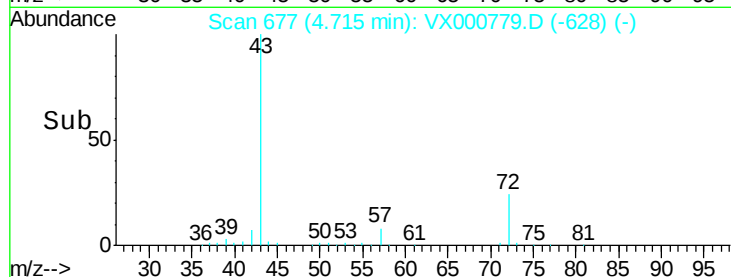
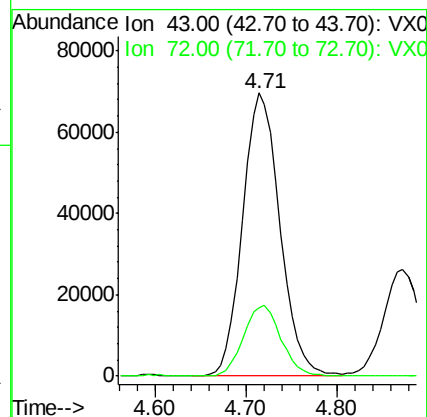
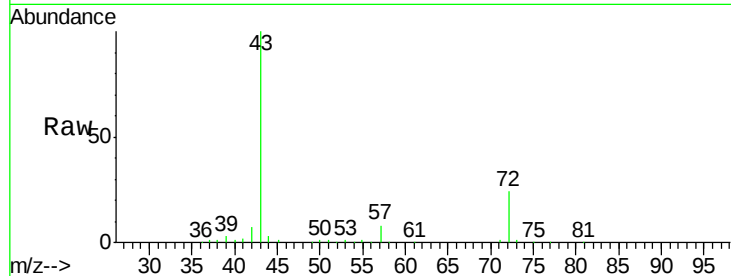
ClientSampleId :

Tot Ion: 43 Resp: 197223

Ion Ratio Lower Upper

43 100

72 24.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 20.02 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000779.D

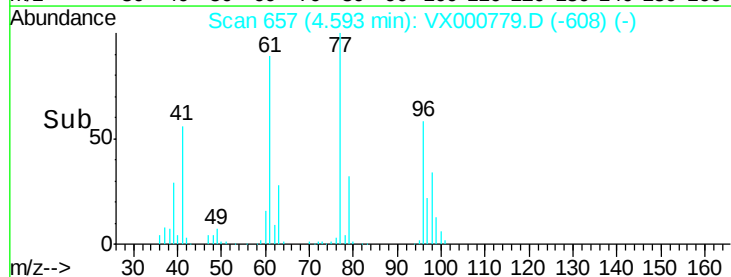
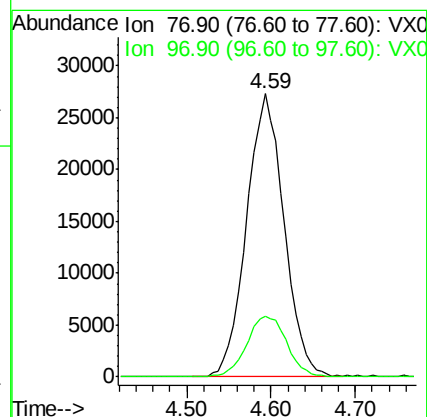
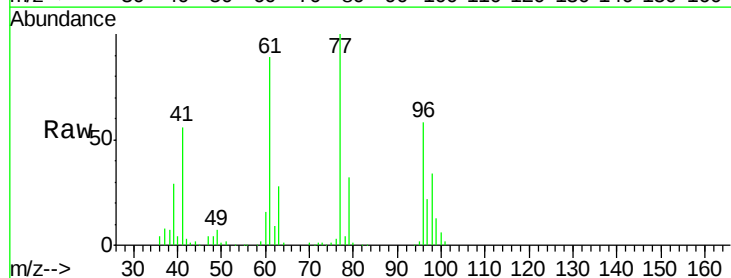
Acq: 11 Apr 2018 15:30

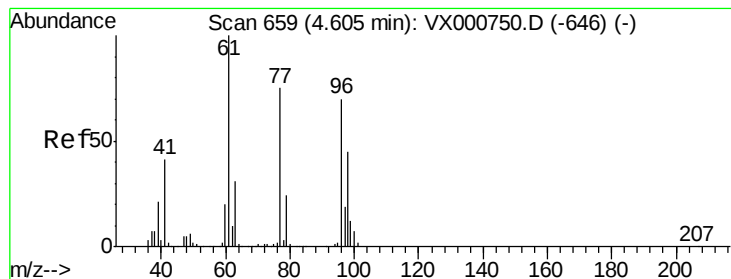
Tgt Ion: 77 Resp: 82396

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 21.75 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

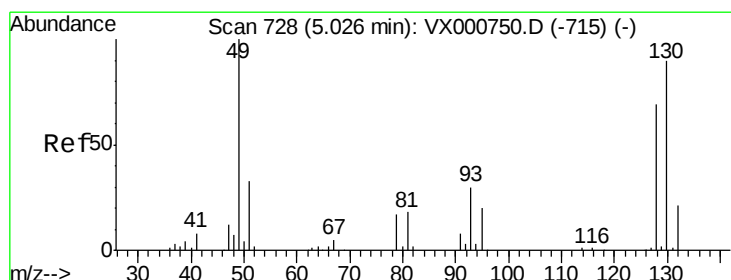
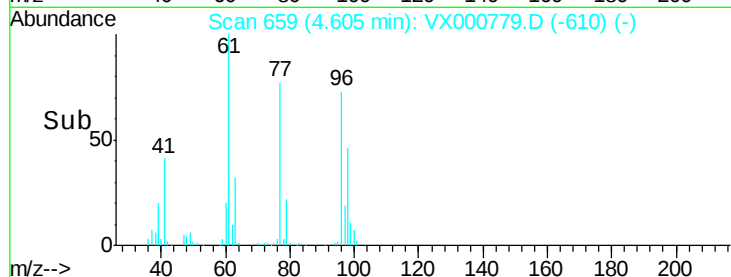
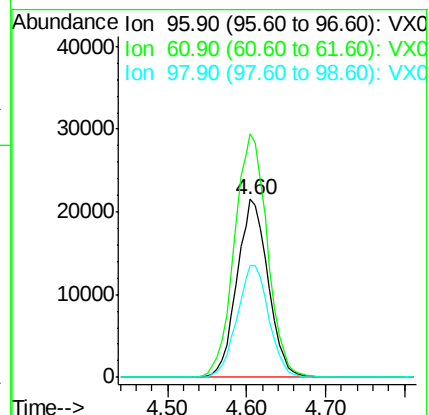
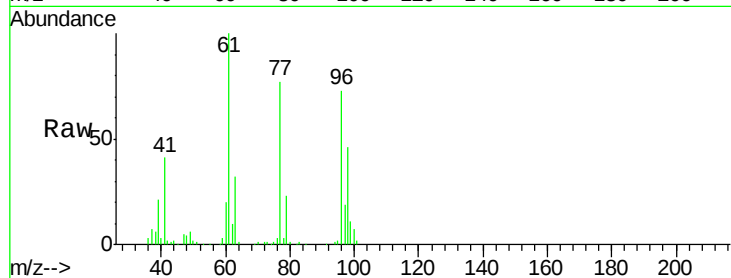
Tot Ion: 96 Resp: 59216

Ion Ratio Lower Upper

96 100

61 144.4 0.0 292.4

98 64.2 0.0 130.2



#28

Bromochloromethane

Concen: 21.43 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

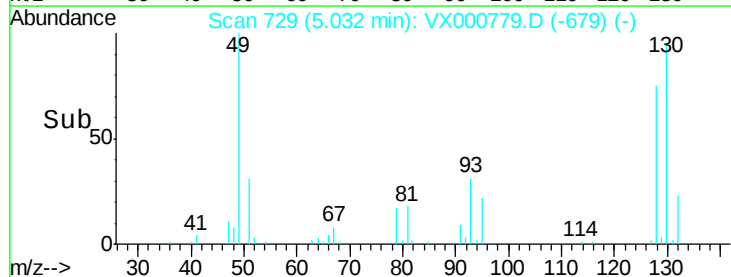
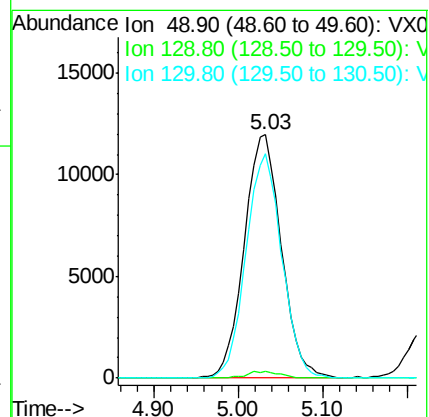
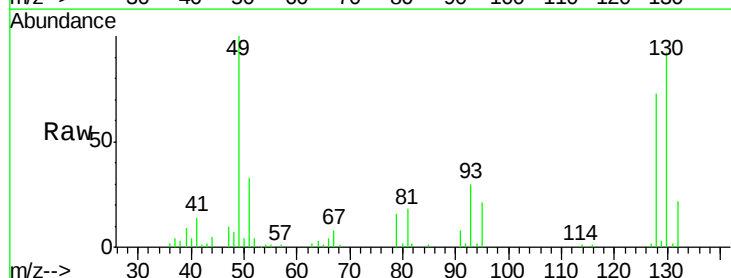
Tgt Ion: 49 Resp: 35794

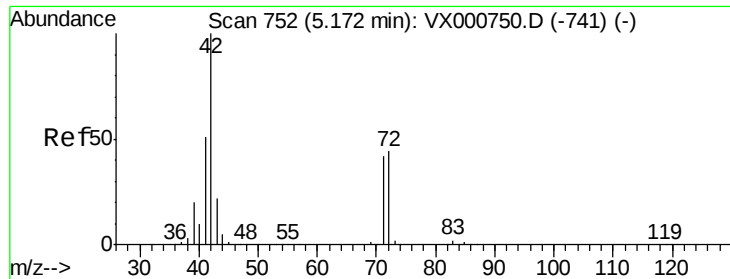
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 88.9 72.6 109.0





#29

Tetrahydrofuran

Concen: 116.48 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampled :

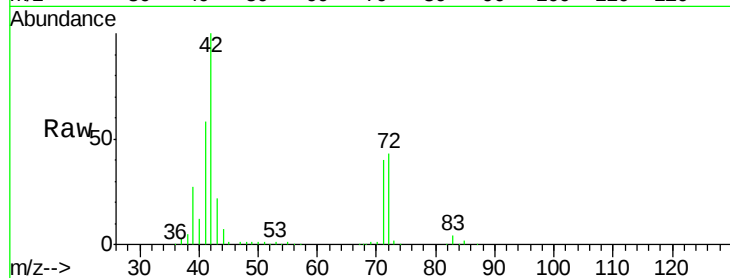
Tot Ion: 42 Resp: 125850

Ion Ratio Lower Upper

42 100

72 43.9 35.1 52.7

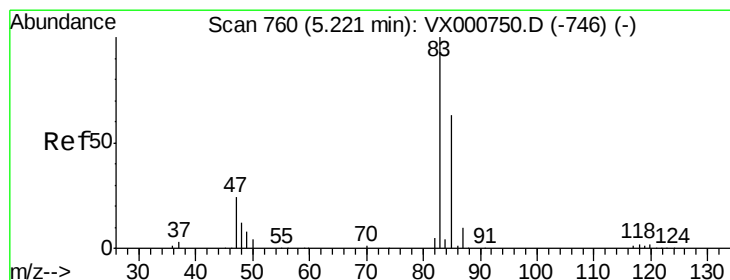
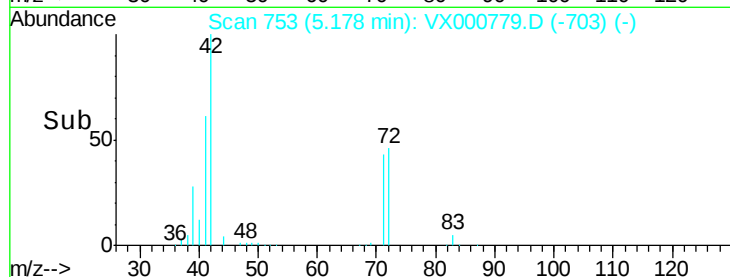
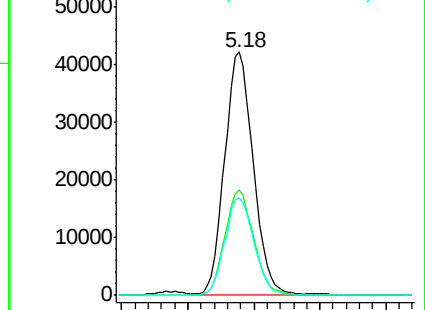
71 41.1 32.8 49.2



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: 21.89 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000779.D

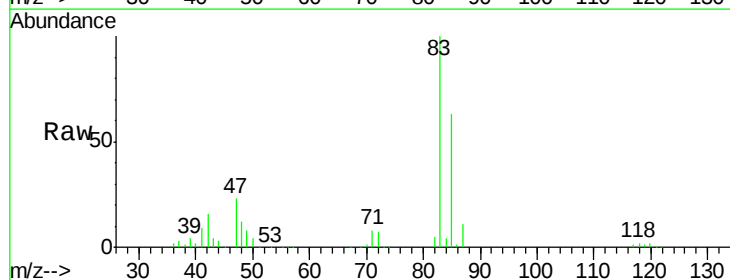
Acq: 11 Apr 2018 15:30

Tgt Ion: 83 Resp: 96130

Ion Ratio Lower Upper

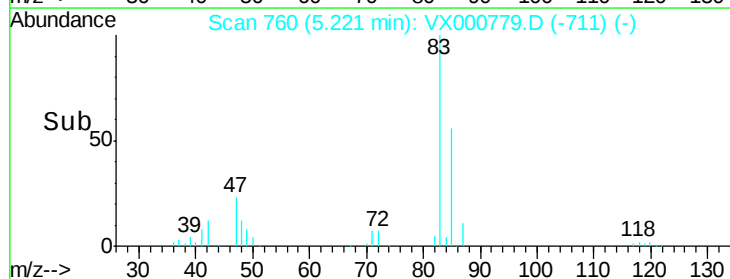
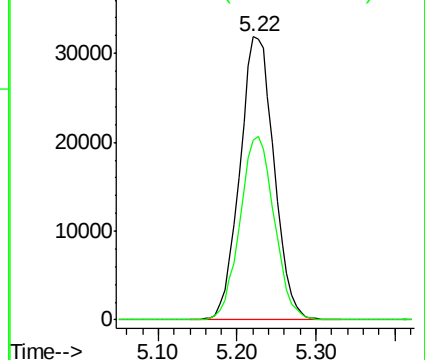
83 100

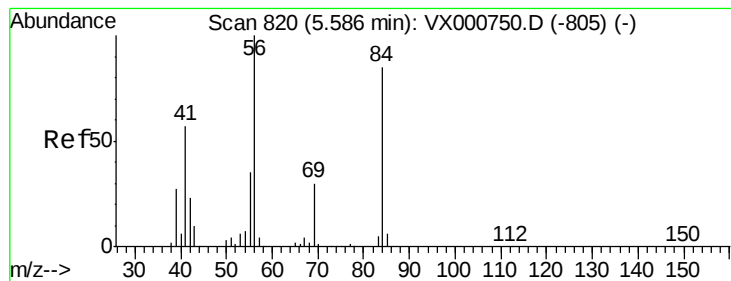
85 63.3 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.39 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

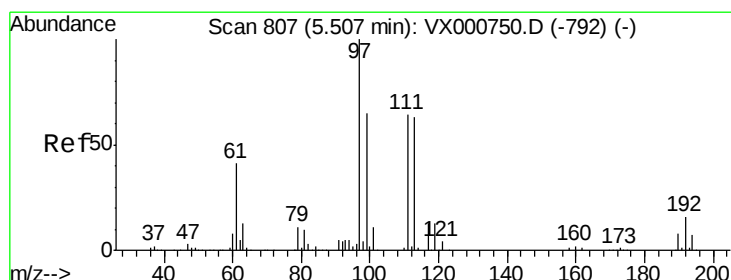
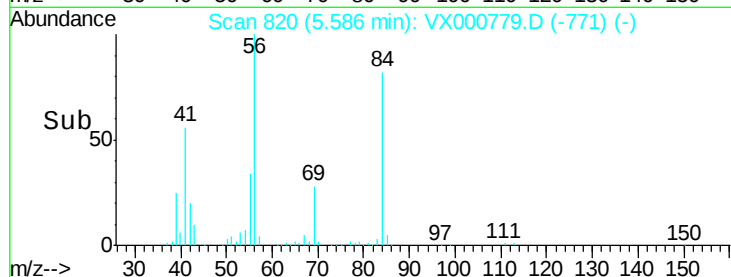
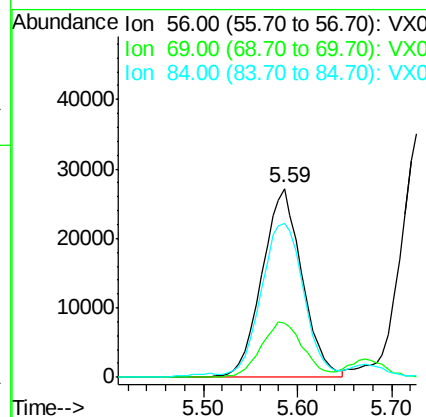
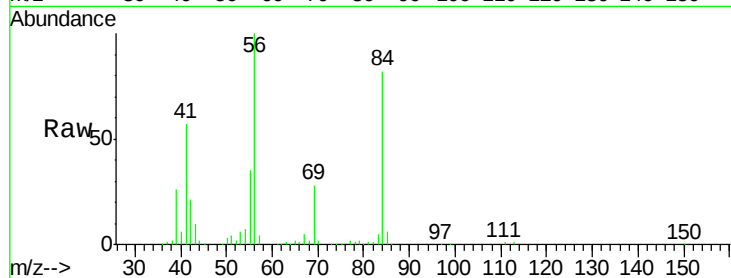
Tot Ion: 56 Resp: 80324

Ion Ratio Lower Upper

56 100

69 28.5 24.2 36.4

84 80.6 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 21.28 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

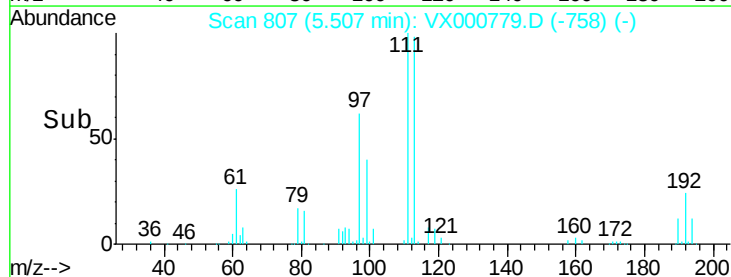
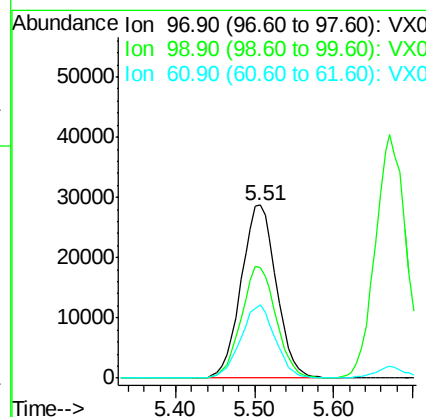
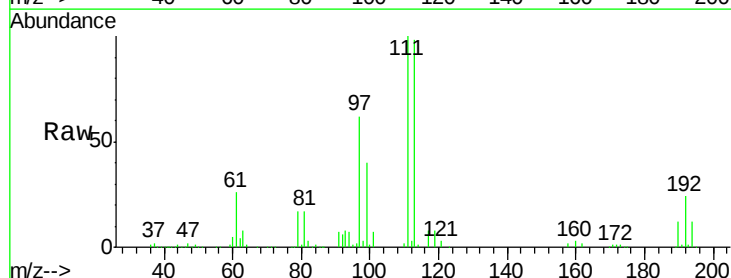
Tgt Ion: 97 Resp: 89030

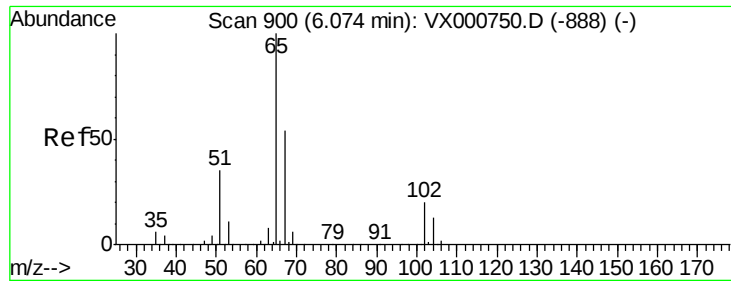
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 41.4 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 52.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

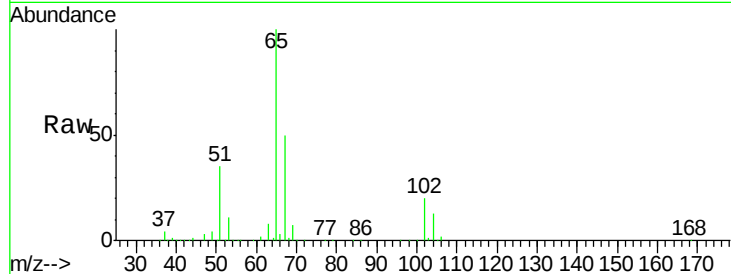
ClientSampleId :

Tot Ion: 65 Resp: 158245

Ion Ratio Lower Upper

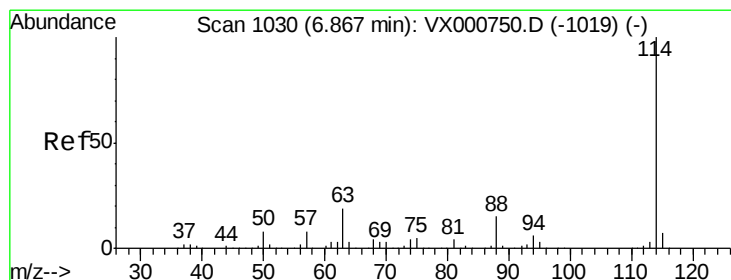
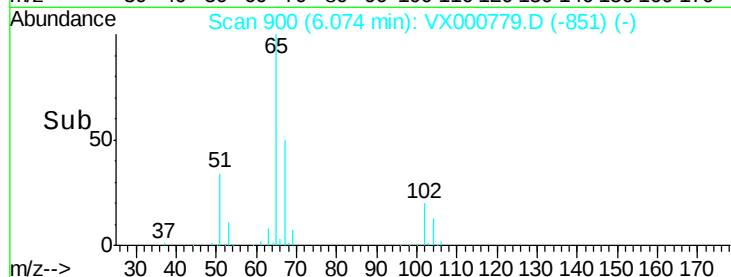
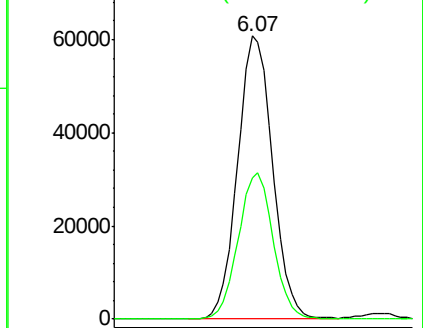
65 100

67 51.6 0.0 103.8



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# 1031

Delta R.T. 0.01 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

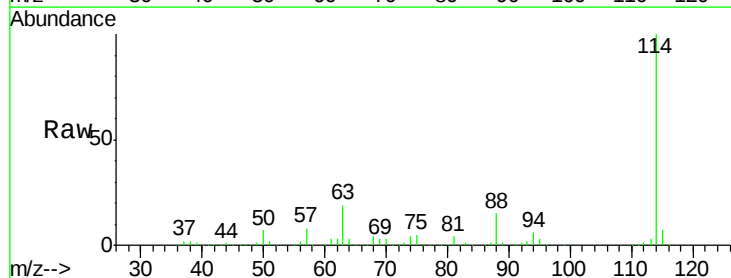
Tgt Ion: 114 Resp: 329989

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

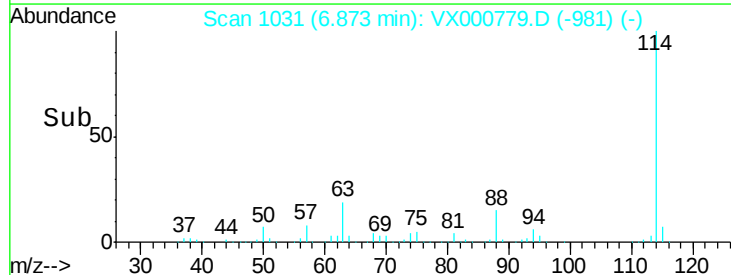
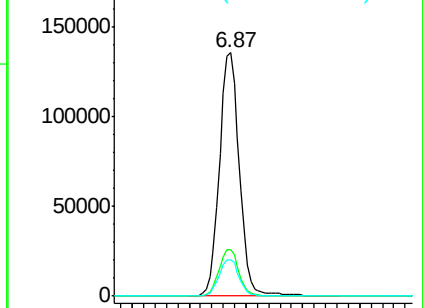
88 15.1 0.0 31.0

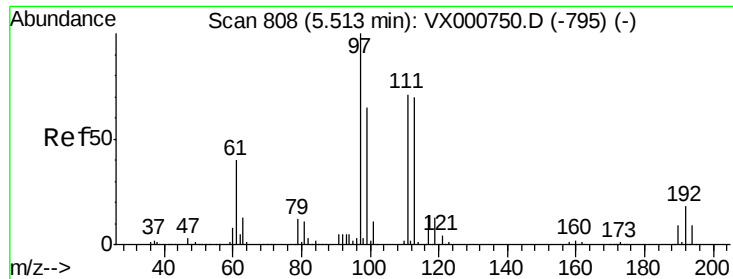


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.58 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

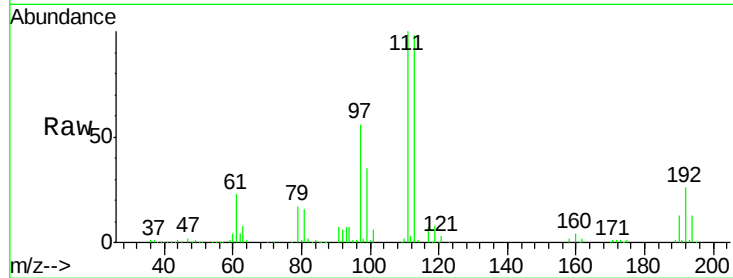
Tot Ion:113 Resp: 133668

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

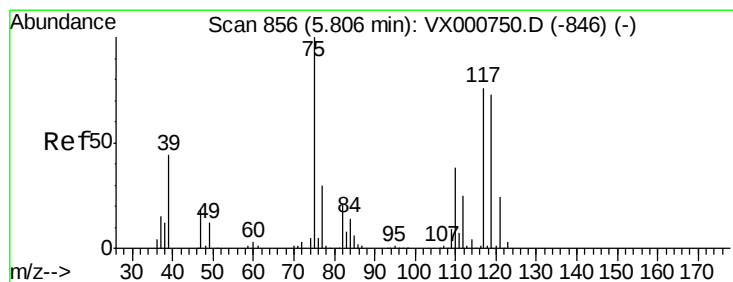
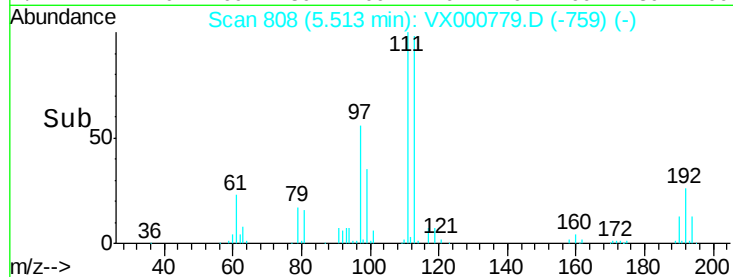
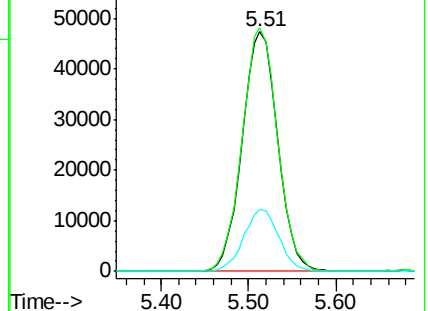
192 25.7 20.4 30.6



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: 19.64 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

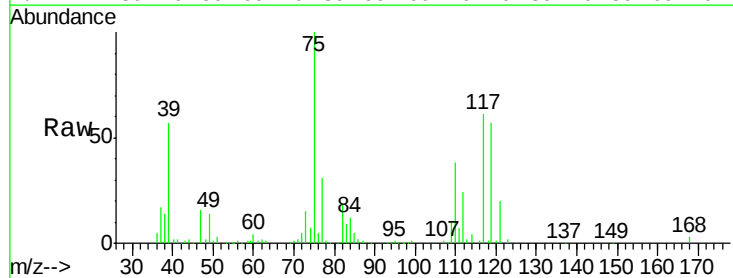
Tgt Ion: 75 Resp: 71371

Ion Ratio Lower Upper

75 100

110 38.3 19.2 57.6

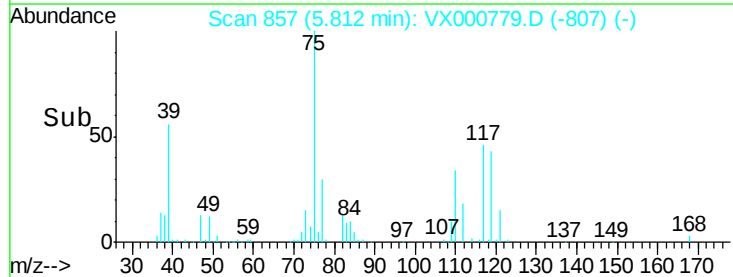
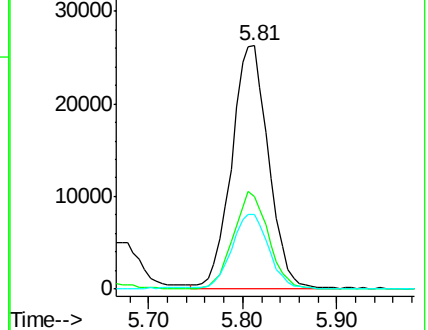
77 30.7 25.4 38.2

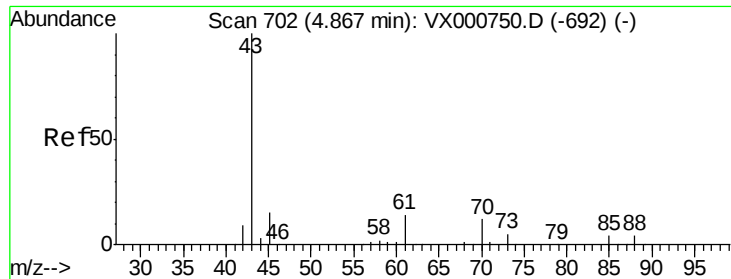


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

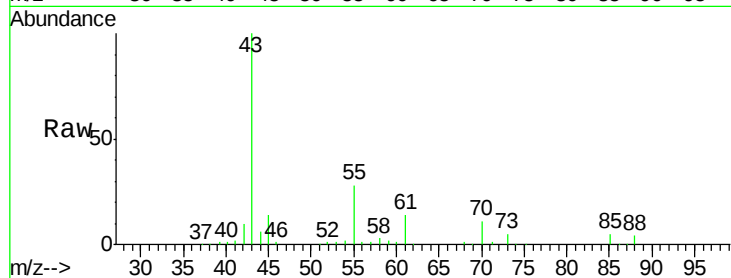




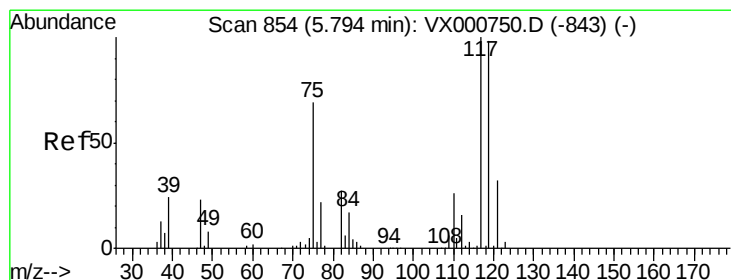
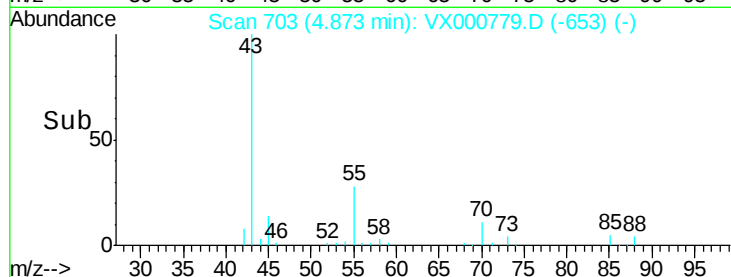
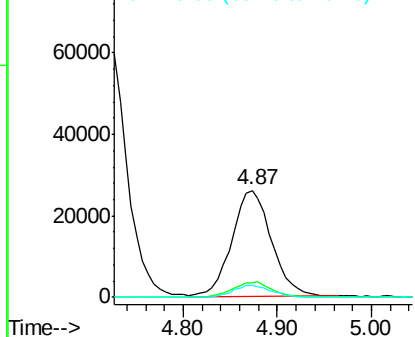
#37
Ethyl Acetate
Concen: 21.50 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 76276
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 11.0 8.7 13.1

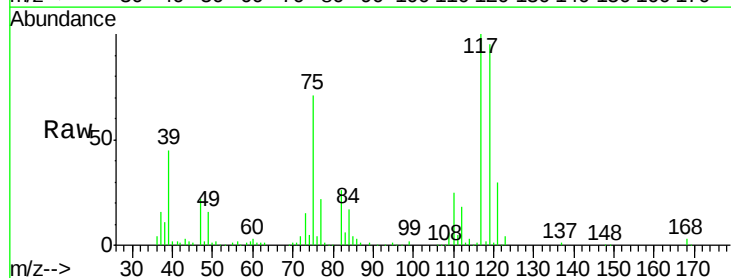


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

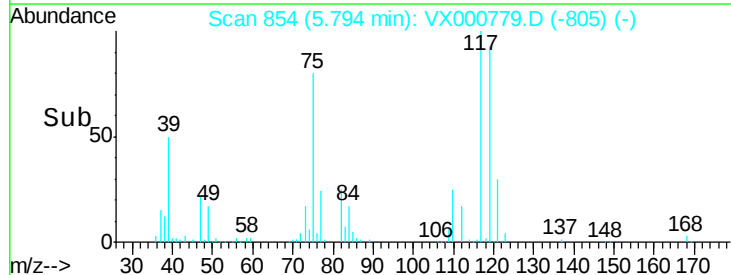
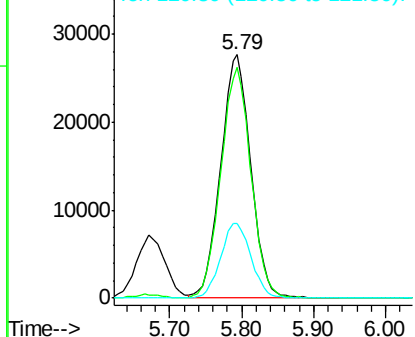


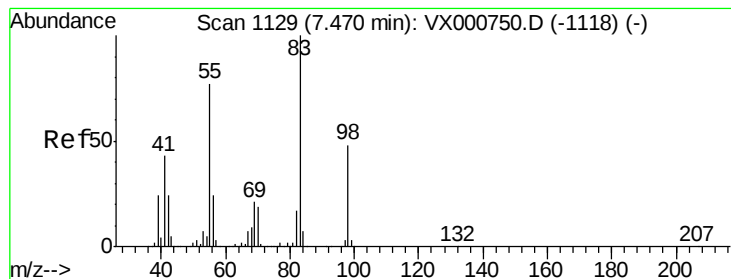
#38
Carbon Tetrachloride
Concen: 19.73 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion: 117 Resp: 80269
Ion Ratio Lower Upper
117 100
119 94.8 78.4 117.6
121 30.5 25.4 38.0



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





#39

Methvlcvclohexane

Concen: 19.18 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

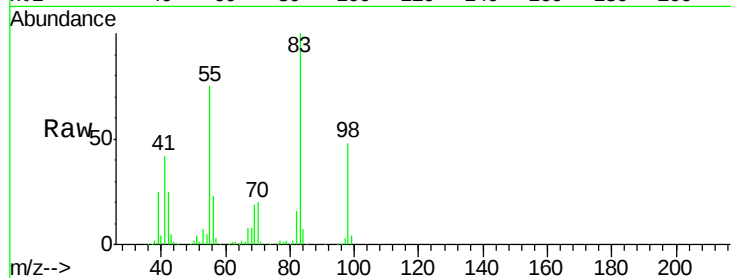
Tot Ion: 83 Resp: 83689

Ion Ratio Lower Upper

83 100

55 75.2 61.5 92.3

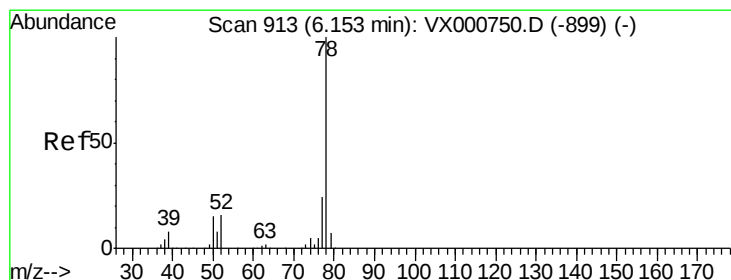
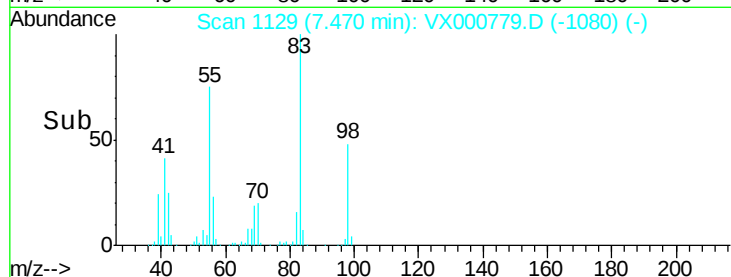
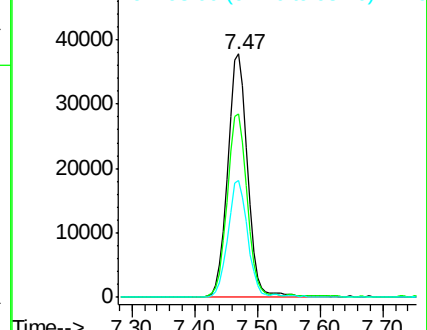
98 47.8 38.1 57.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.48 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000779.D

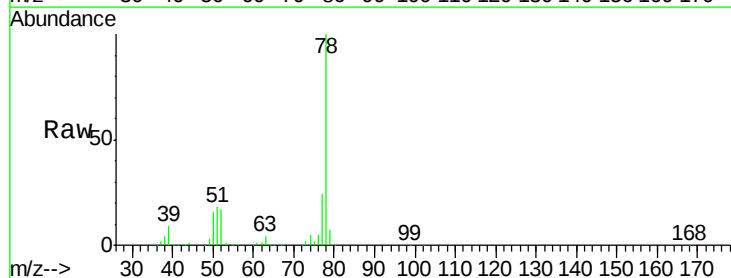
Acq: 11 Apr 2018 15:30

Tgt Ion: 78 Resp: 206797

Ion Ratio Lower Upper

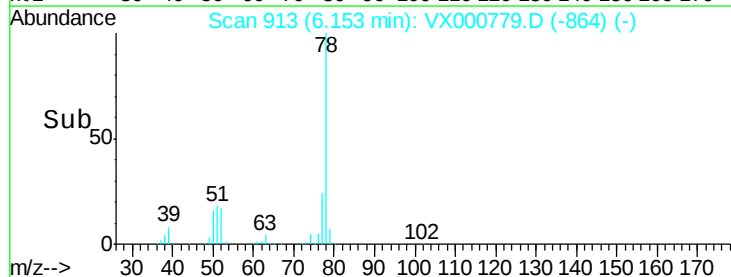
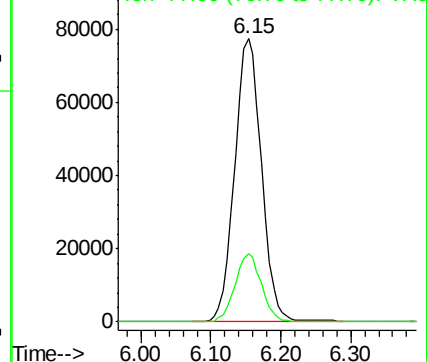
78 100

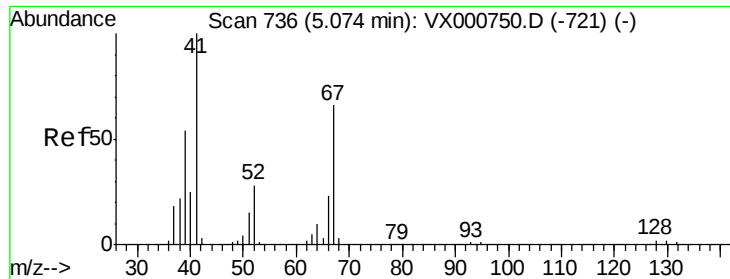
77 24.1 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

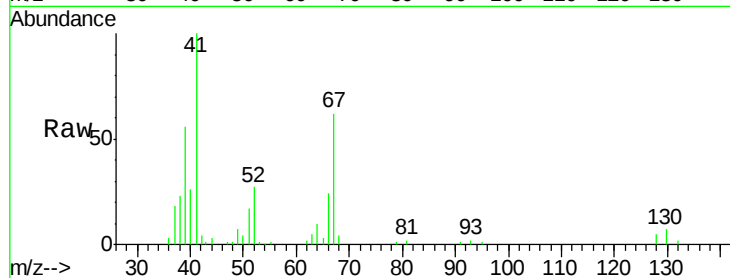




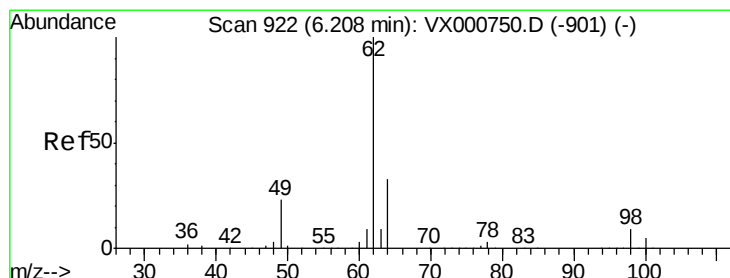
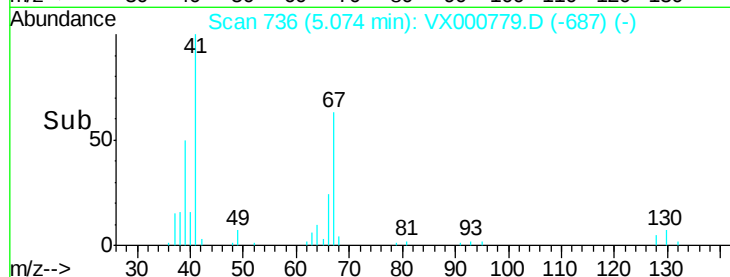
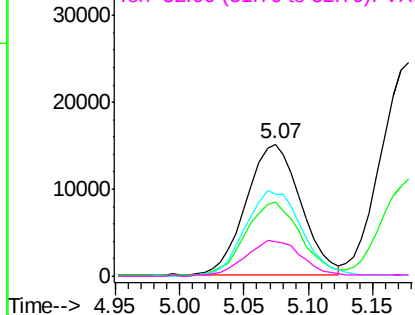
#41
Methacrylonitrile
Concen: 21.54 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	44159
Ion	Ratio	Lower	Upper
41	100		
39	56.2	44.9	67.3
67	68.4	54.7	82.1
52	28.9	23.0	34.6

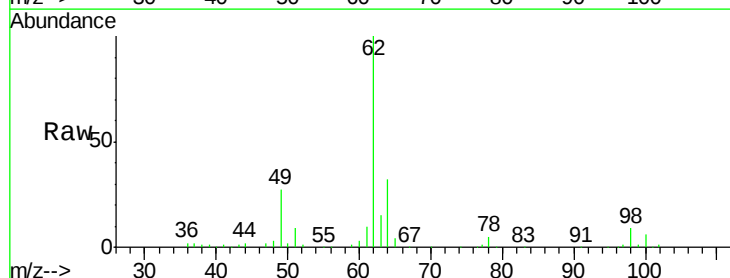


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

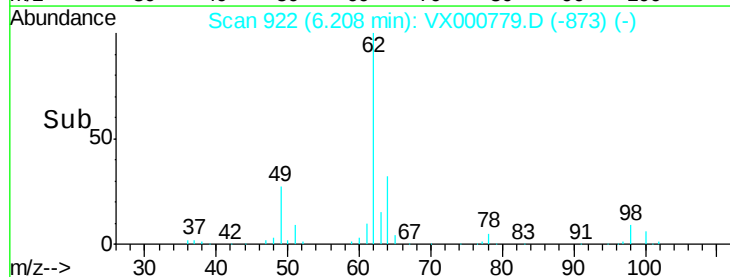
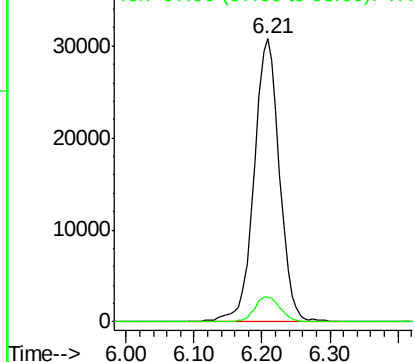


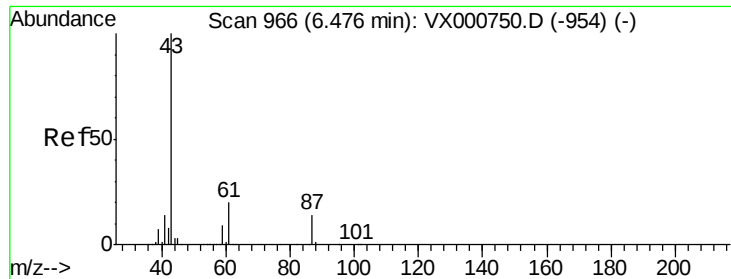
#42
1,2-Dichloroethane
Concen: 21.28 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion:	62	Resp:	80273
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



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



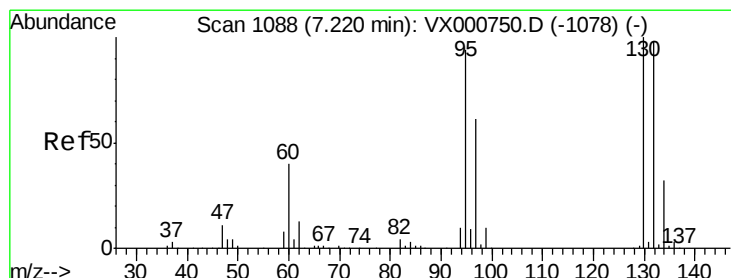
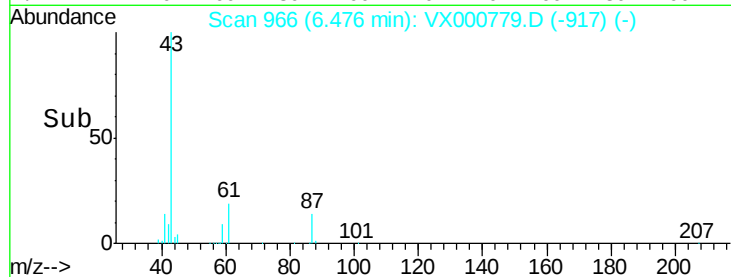
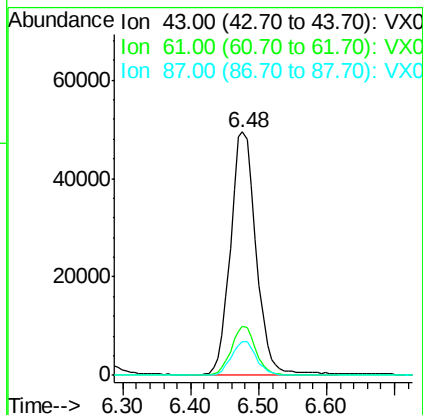
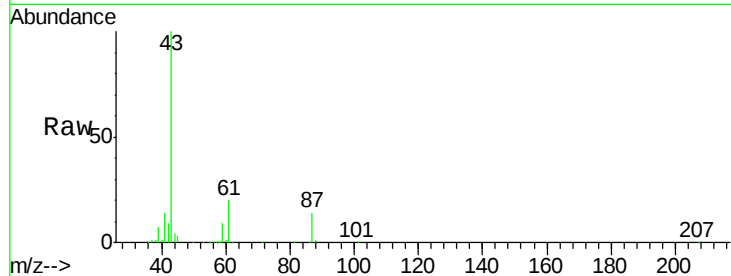


#43

Isopropyl Acetate
 Concen: 21.19 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Instrument :
 MSVOA_X
 ClientSampleId :

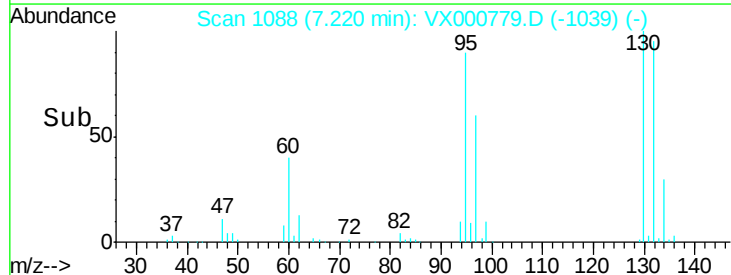
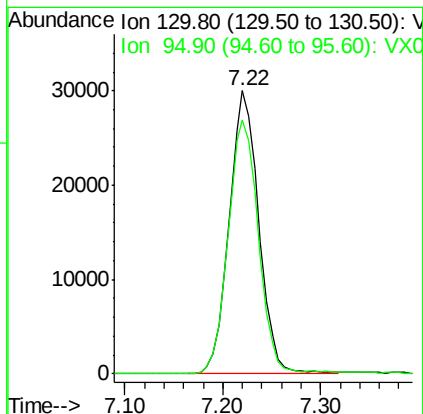
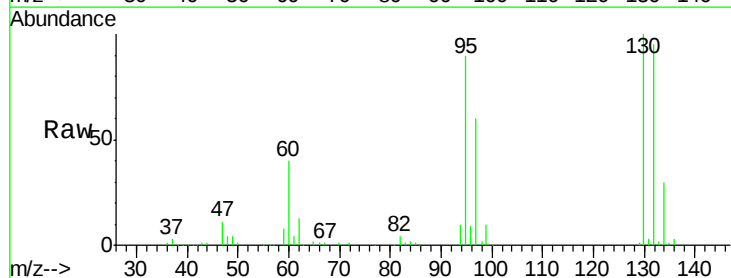
Tot Ion	43	Resp	128897
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.6	23.4
87	13.5	10.7	16.1

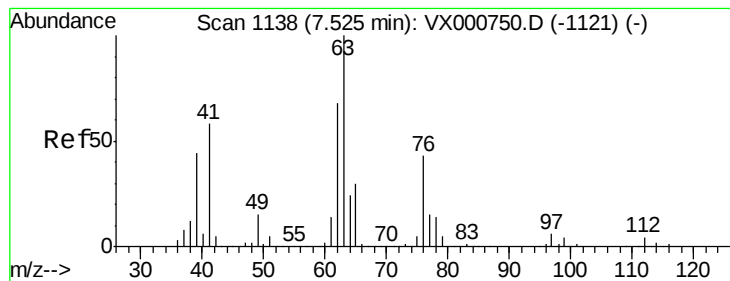


#44

Trichloroethene
 Concen: 20.07 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Tgt Ion	130	Resp	63029
Ion Ratio	Lower	Upper	
130	100		
95	89.8	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.29 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

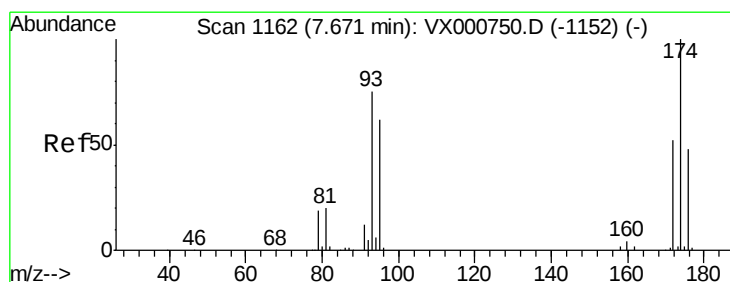
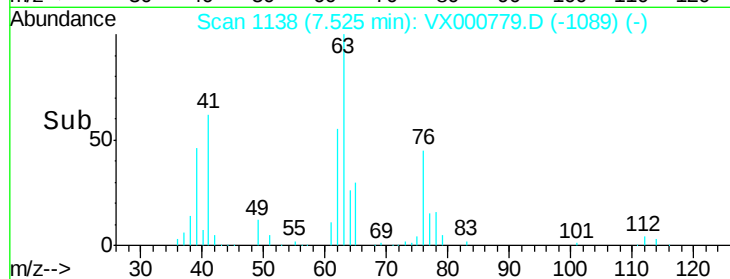
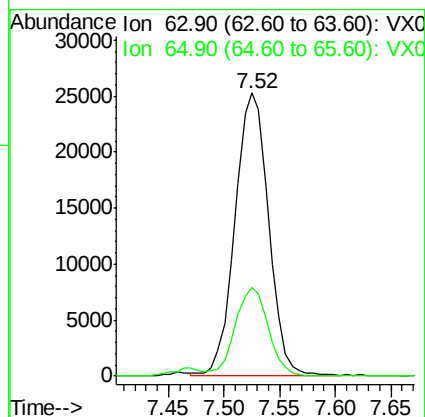
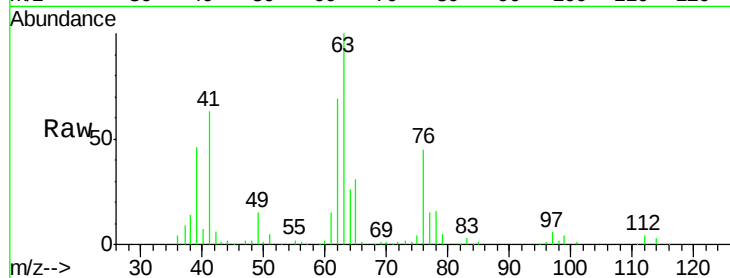
ClientSampleId :

Tot Ion: 63 Resp: 52172

Ion Ratio Lower Upper

63 100

65 31.5 23.7 35.5



#46

Dibromomethane

Concen: 20.79 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

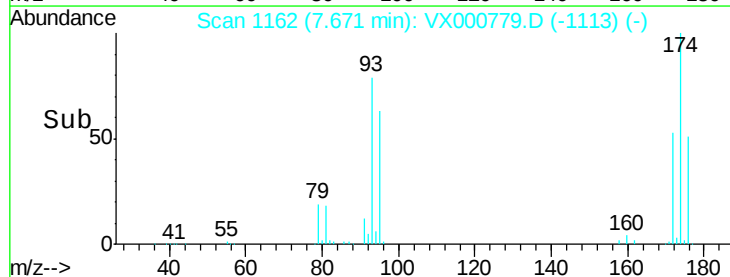
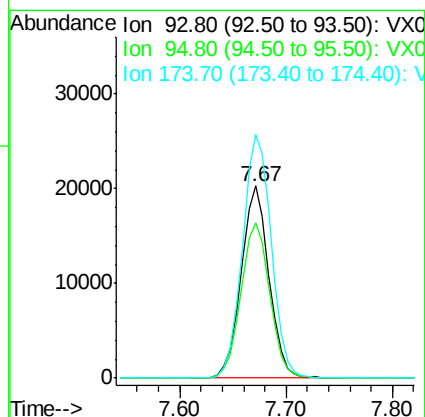
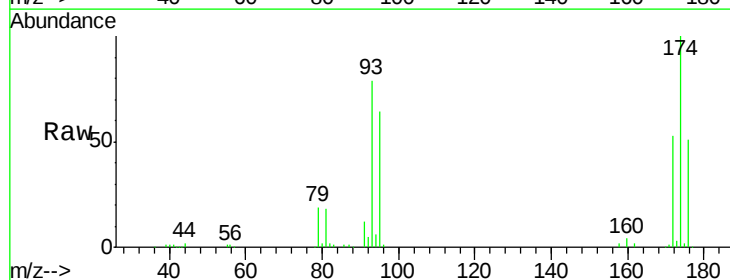
Tgt Ion: 93 Resp: 37269

Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 131.2 104.5 156.7

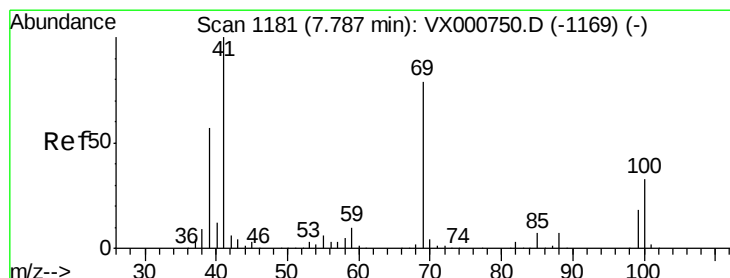
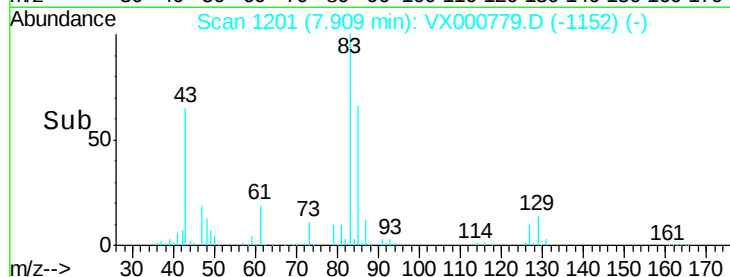
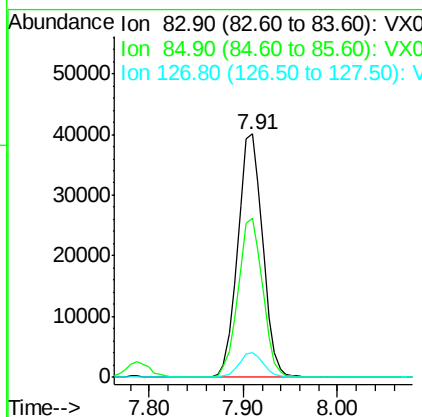
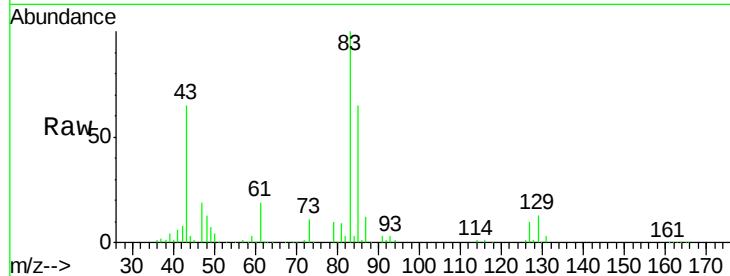




#47
Bromodichloromethane
Concen: 20.43 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

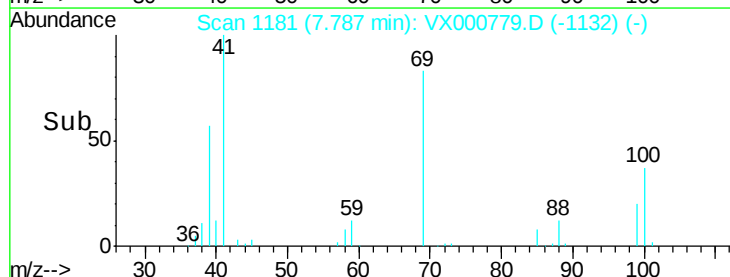
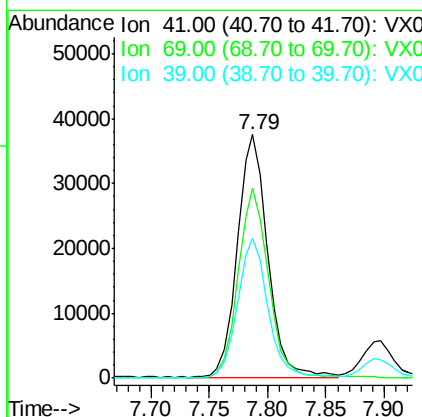
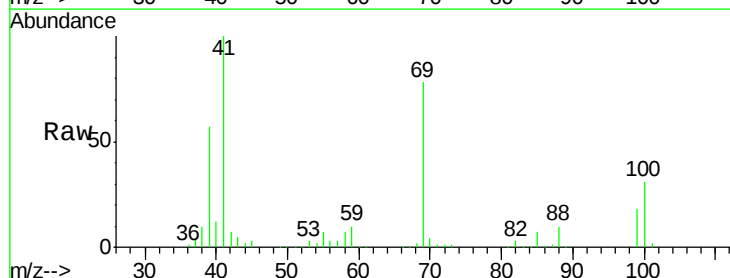
Instrument :
MSVOA_X
ClientSampleId :

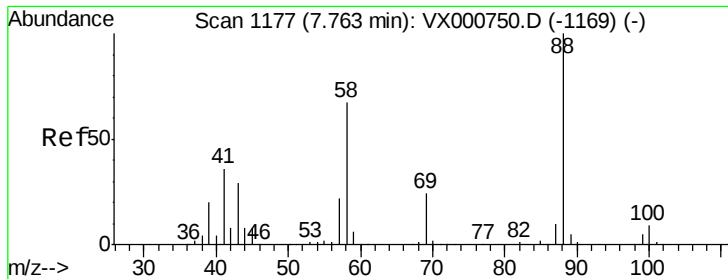
Tot Ion: 83 Resp: 73912
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4
127 10.3 7.8 11.8



#48
Methyl methacrylate
Concen: 21.49 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion: 41 Resp: 67761
Ion Ratio Lower Upper
41 100
69 78.9 63.9 95.9
39 57.4 45.9 68.9

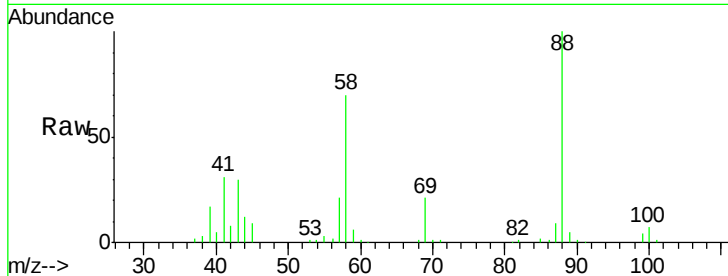




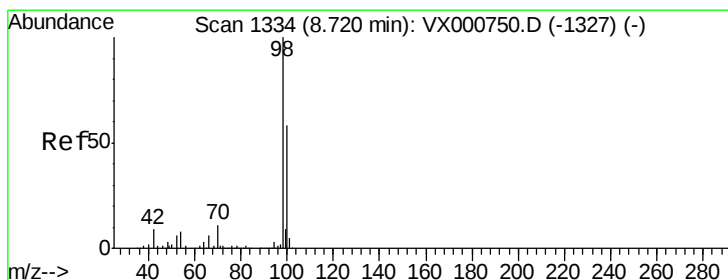
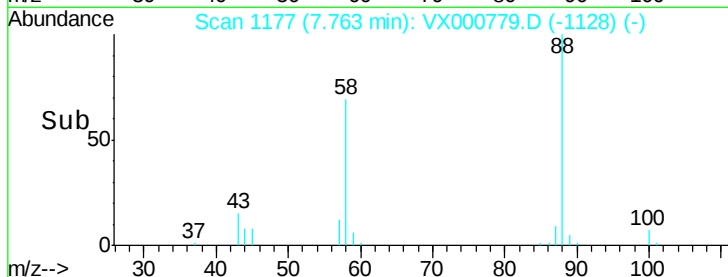
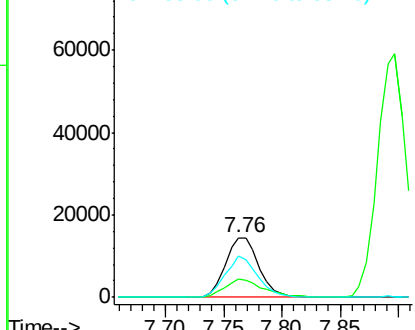
#49
1,4-Dioxane
Concen: 456.59 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 28930
Ion Ratio Lower Upper
88 100
43 32.9 25.8 38.8
58 67.9 54.4 81.6

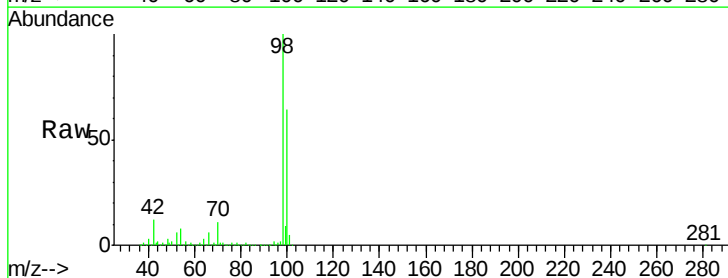


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

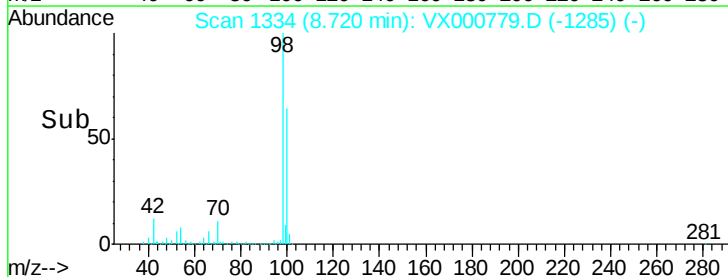
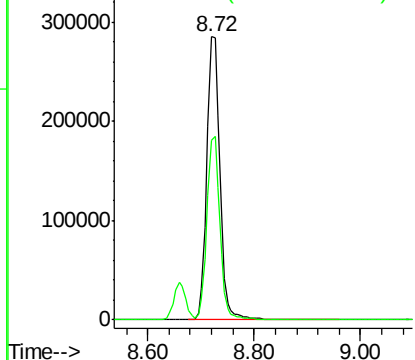


#50
Toluene-d8
Concen: 50.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion: 98 Resp: 480121
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0



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: 110.08 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

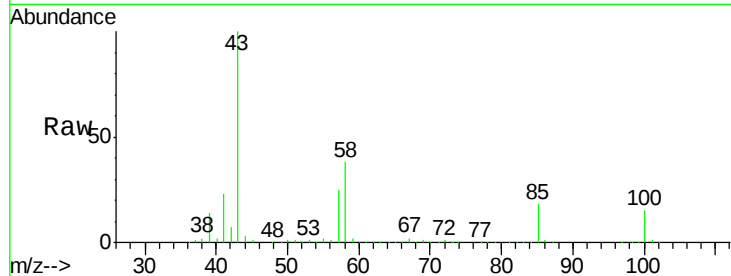
ClientSampleId :

Tot Ion: 43 Resp: 393302

Ion Ratio Lower Upper

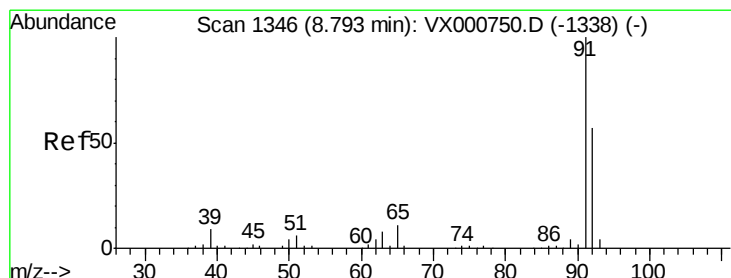
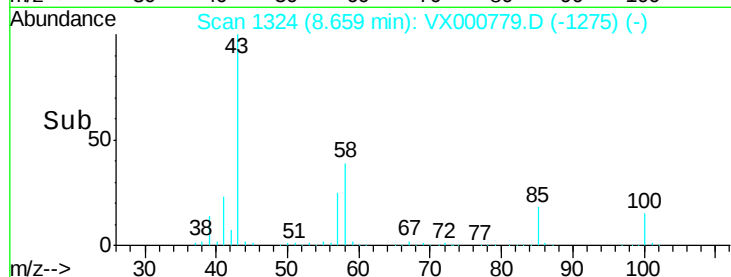
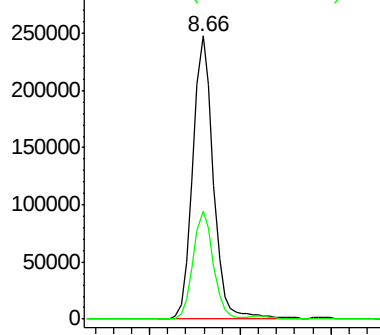
43 100

58 37.4 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.32 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000779.D

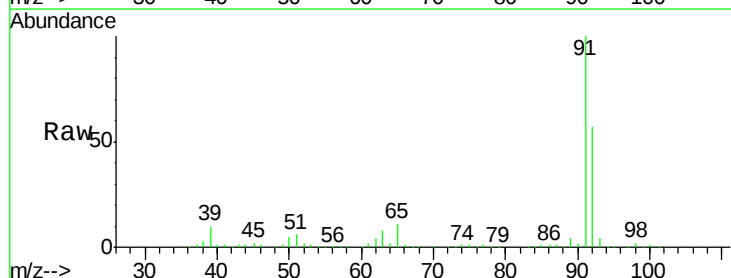
Acq: 11 Apr 2018 15:30

Tgt Ion: 92 Resp: 136145

Ion Ratio Lower Upper

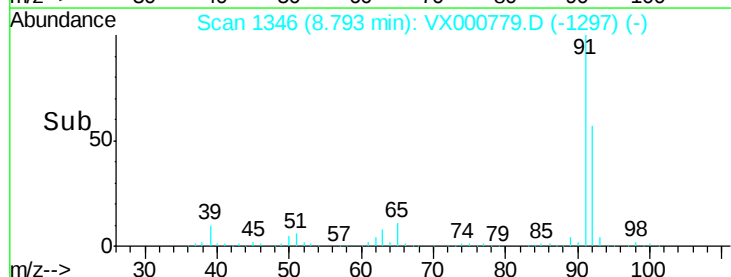
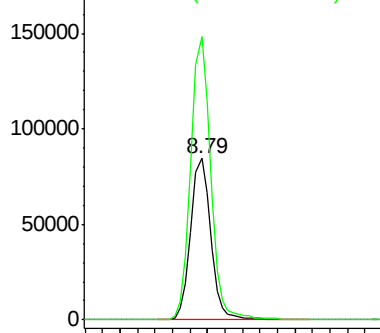
92 100

91 172.7 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

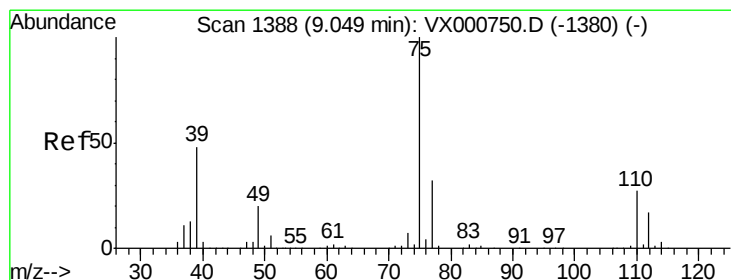
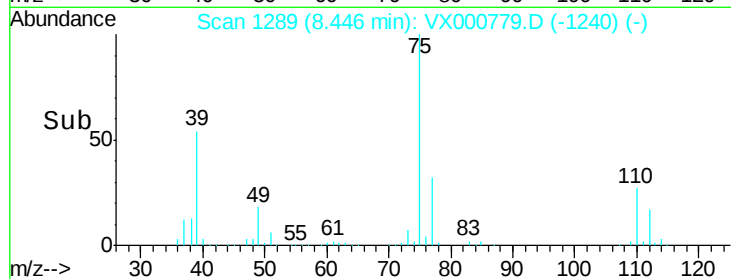
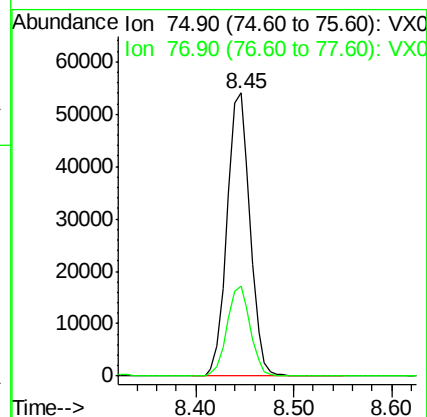
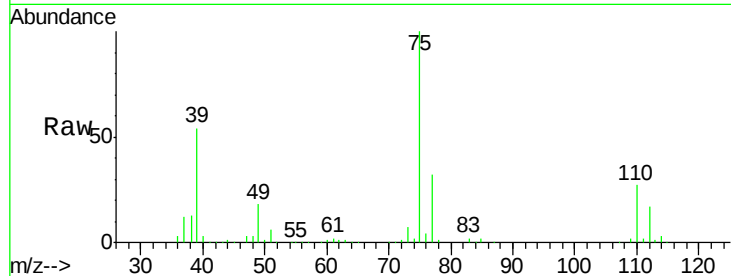




#53
 t-1,3-Dichloropropene
 Concen: 20.26 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

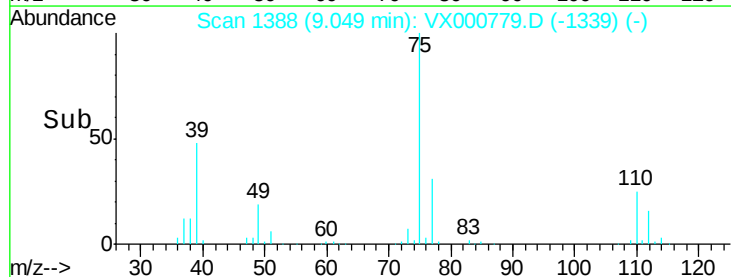
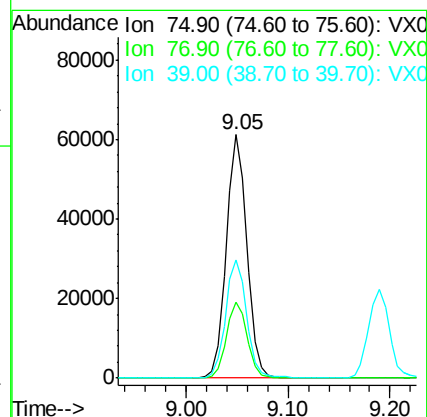
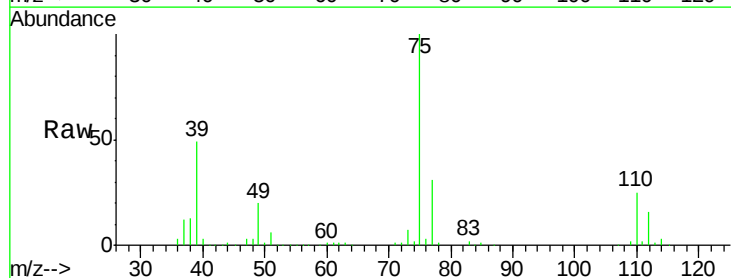
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 87935
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.28 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Tgt Ion: 75 Resp: 85719
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2
 39 48.3 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 20.70 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 55046

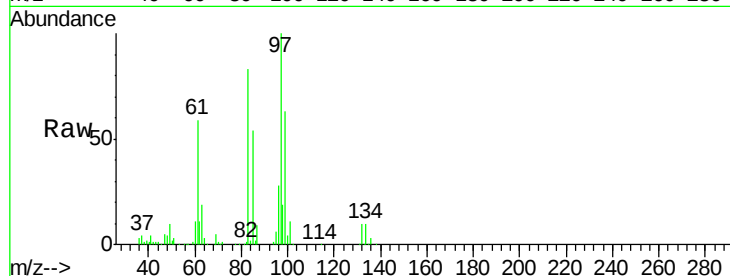
Ion Ratio Lower Upper

97 100

83 82.8 67.6 101.4

85 54.1 43.8 65.6

99 63.1 50.2 75.4

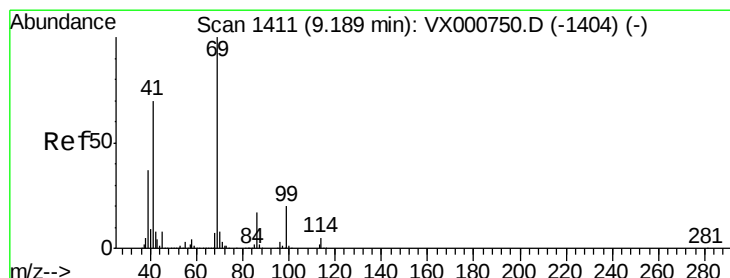
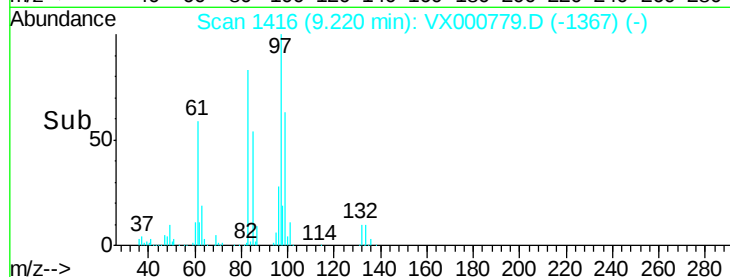
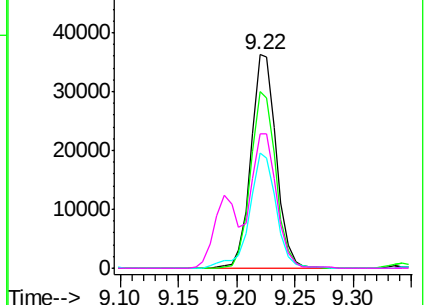


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.86 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

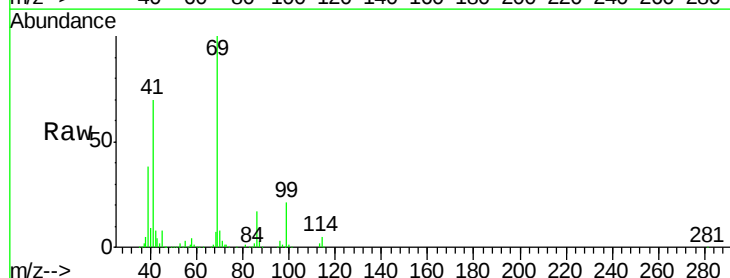
Tgt Ion: 69 Resp: 85589

Ion Ratio Lower Upper

69 100

41 68.5 55.6 83.4

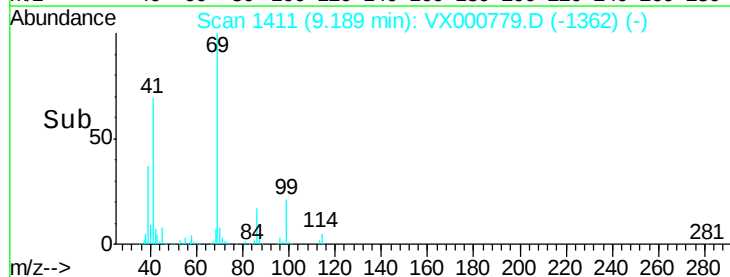
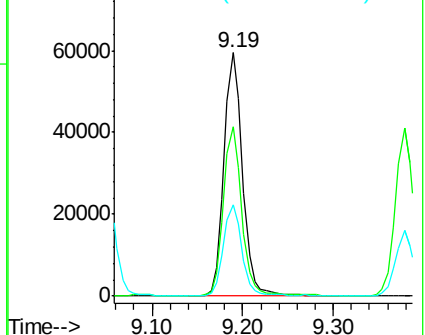
39 37.0 30.3 45.5

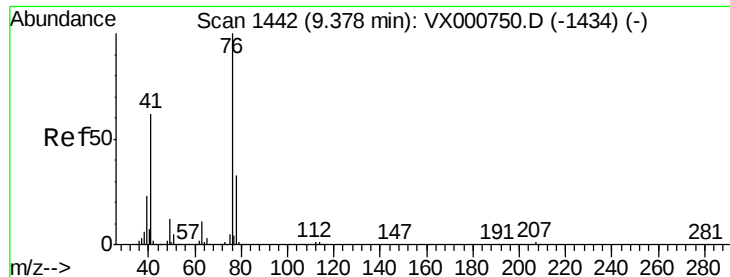


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.04 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

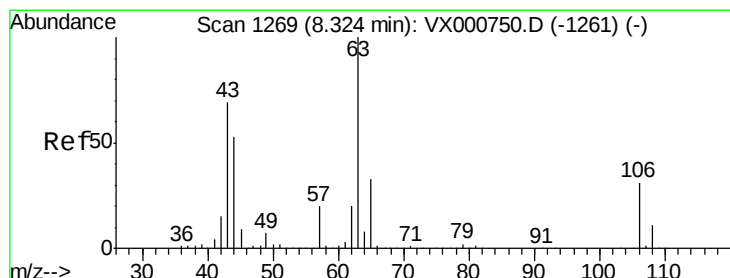
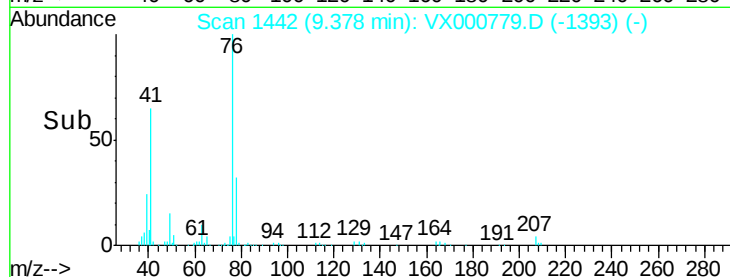
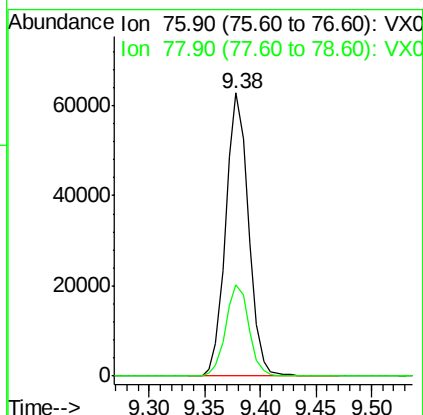
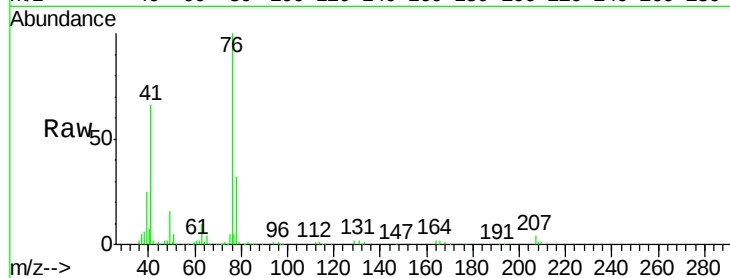
ClientSampleId :

Tot Ion: 76 Resp: 88976

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.38 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000779.D

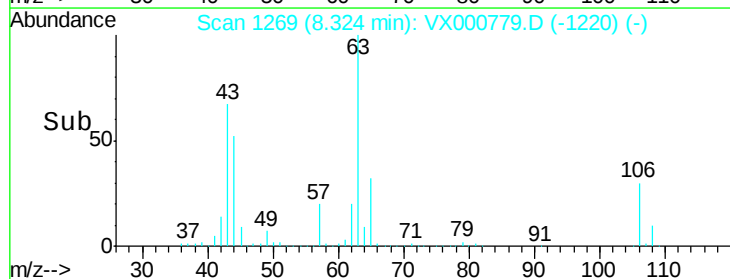
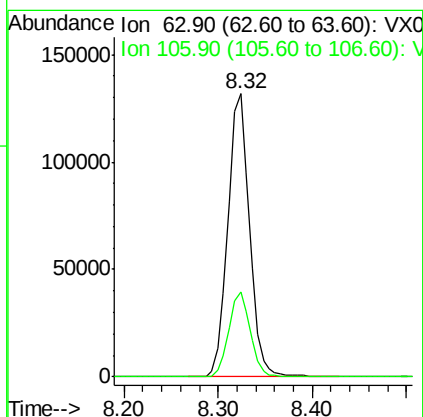
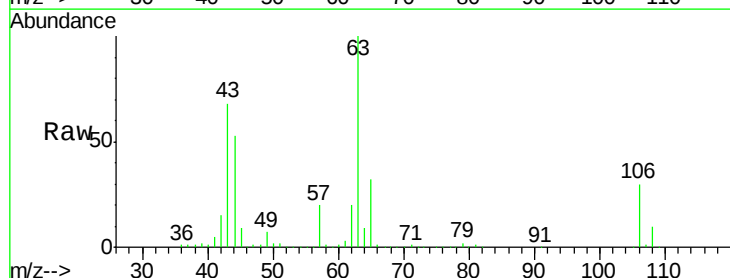
Acq: 11 Apr 2018 15:30

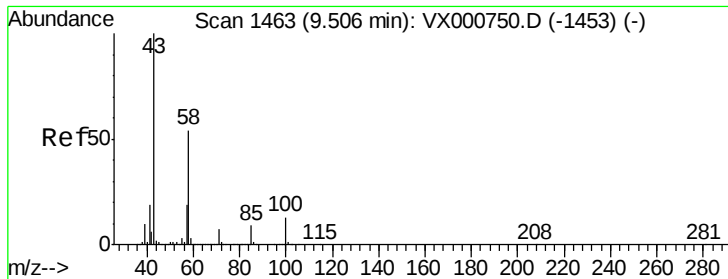
Tgt Ion: 63 Resp: 209656

Ion Ratio Lower Upper

63 100

106 30.3 24.3 36.5

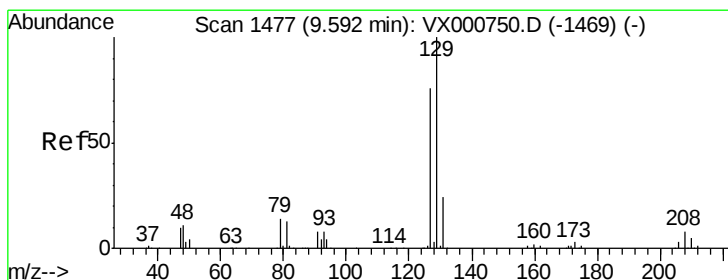
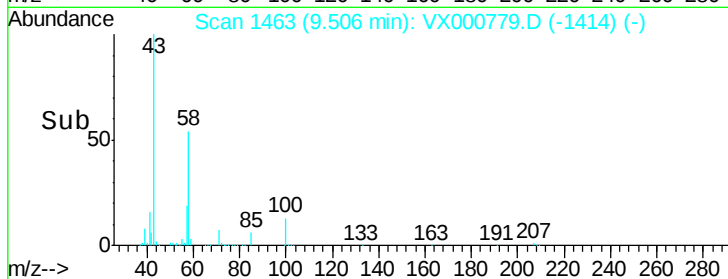
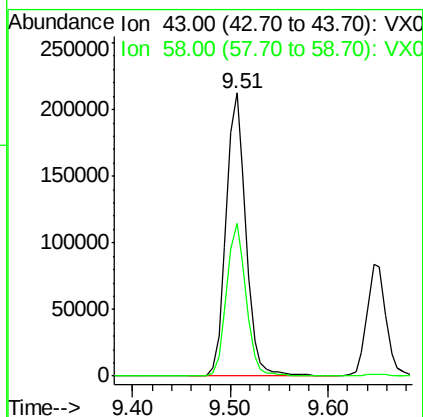
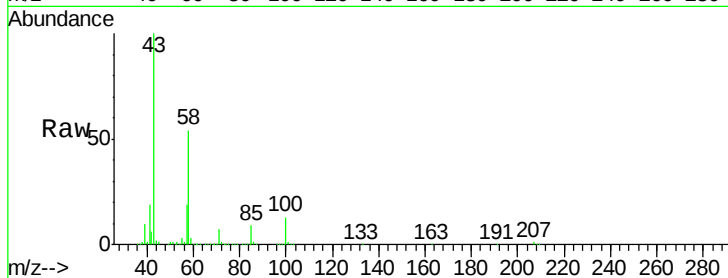




#59
2-Hexanone
Concen: 108.22 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

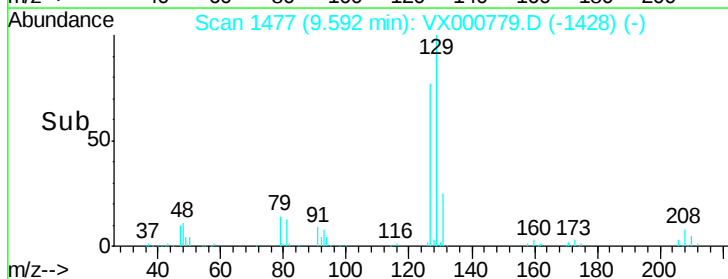
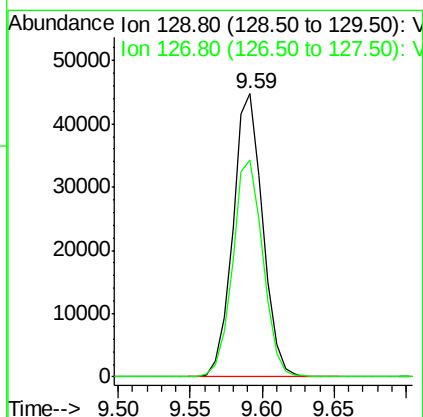
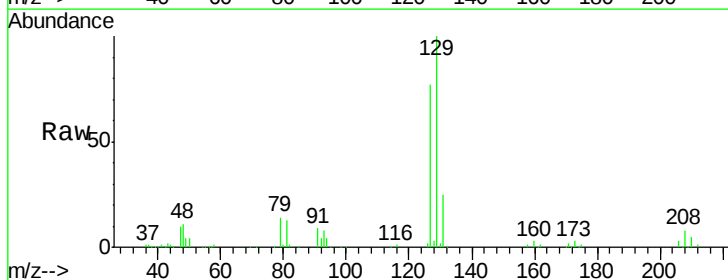
Instrument :
MSVOA_X
ClientSampleId :

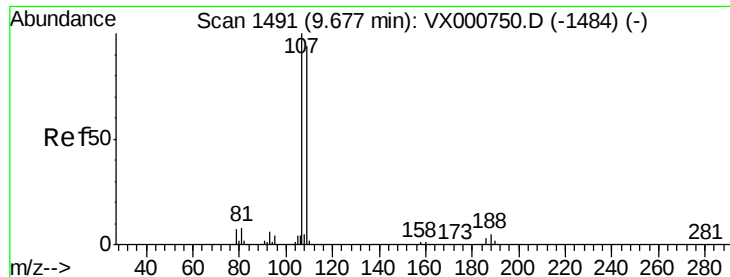
Tot Ion: 43 Resp: 298511
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.5



#60
Dibromochloromethane
Concen: 20.24 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion: 129 Resp: 64408
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.15 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

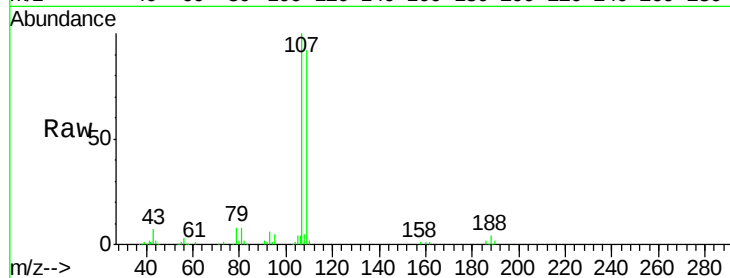
ClientSampleId :

Tot Ion:107 Resp: 59684

Ion Ratio Lower Upper

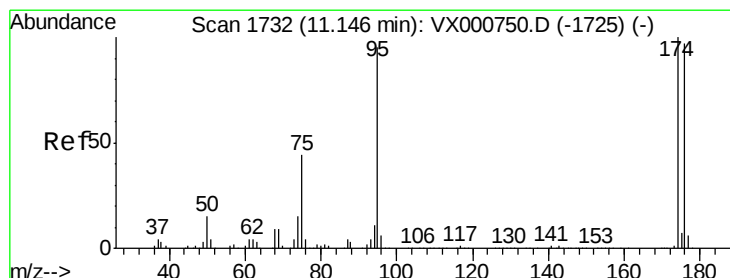
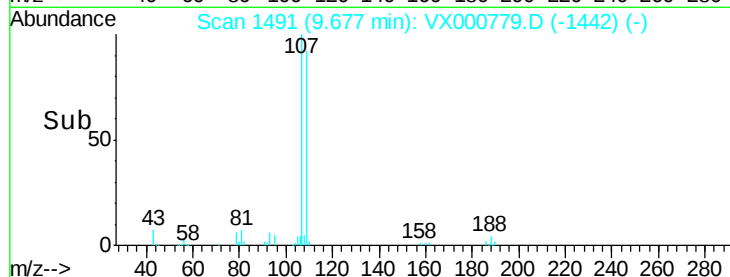
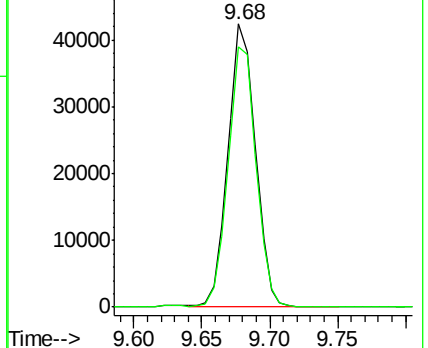
107 100

109 93.8 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.72 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

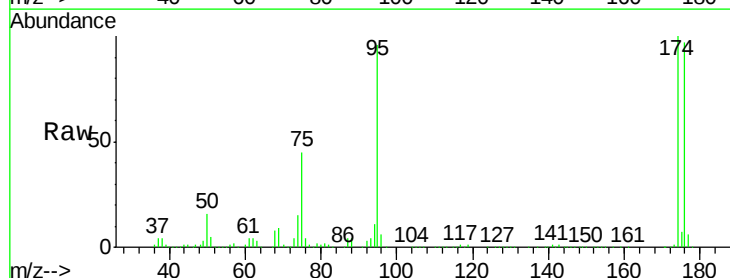
Tgt Ion: 95 Resp: 194727

Ion Ratio Lower Upper

95 100

174 98.6 0.0 198.4

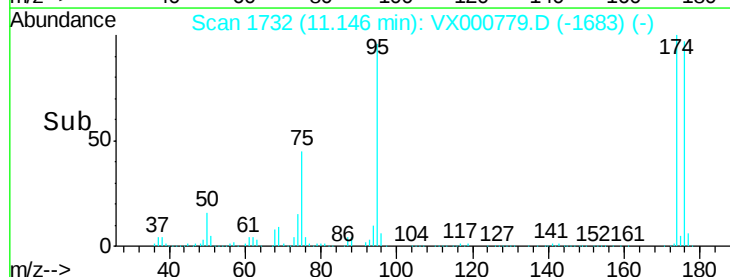
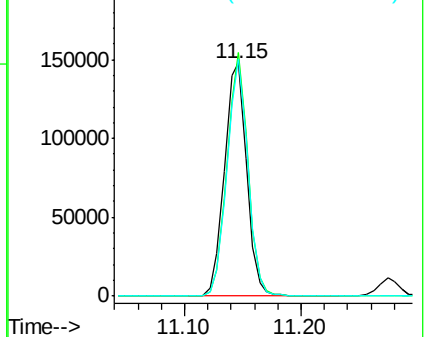
176 96.4 0.0 194.4

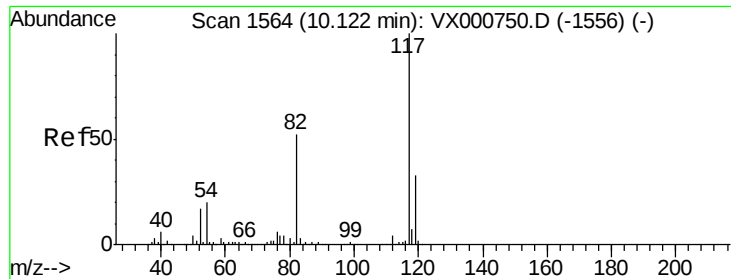


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

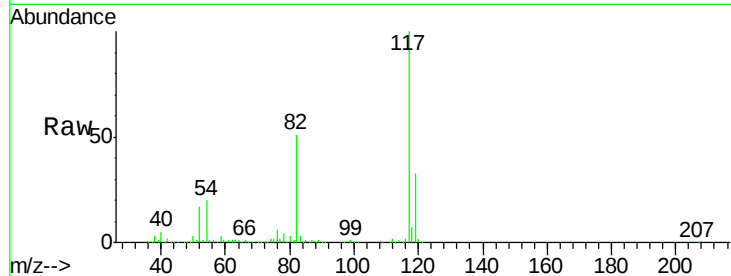




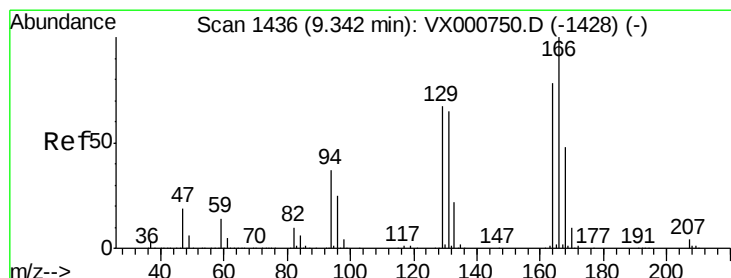
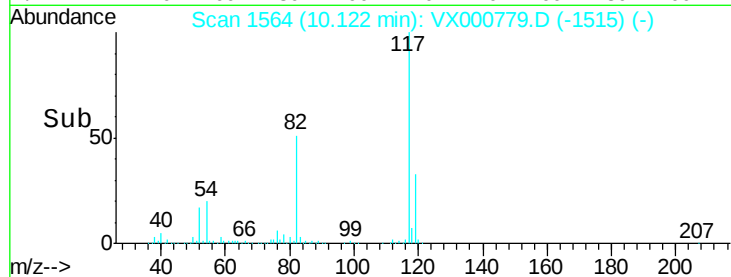
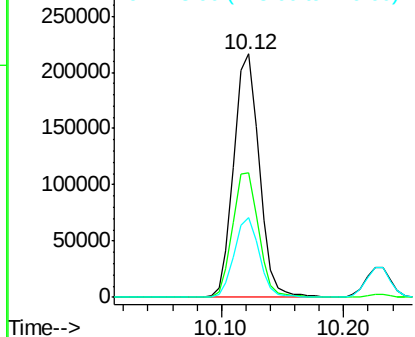
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 310903
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 32.8 26.0 39.0

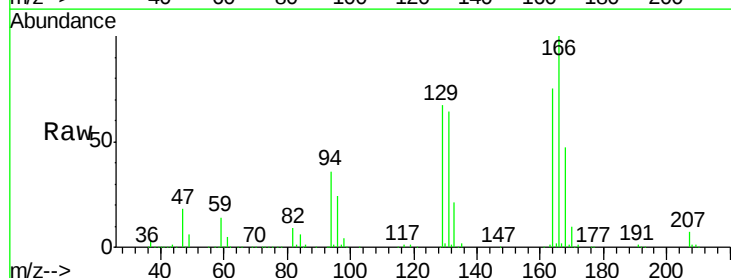


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

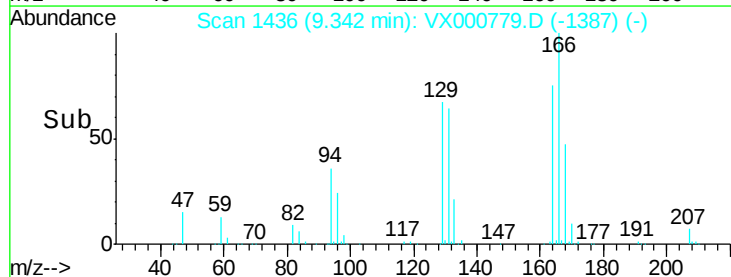
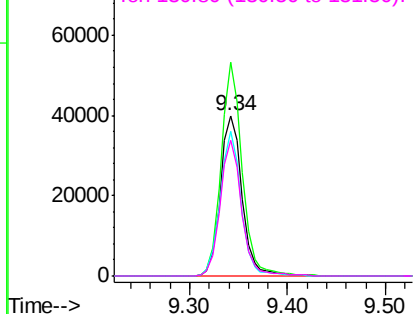


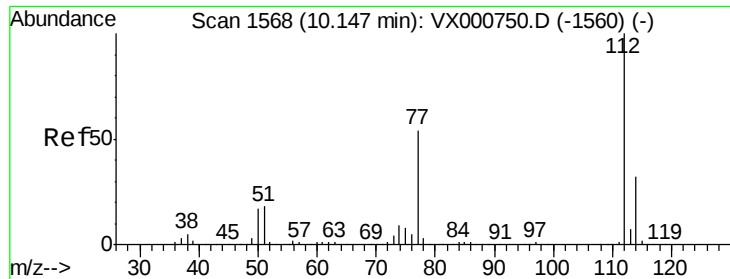
#64
Tetrachloroethene
Concen: 20.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion:164 Resp: 61611
Ion Ratio Lower Upper
164 100
166 133.3 102.8 154.2
129 89.9 68.5 102.7
131 85.0 66.6 100.0



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

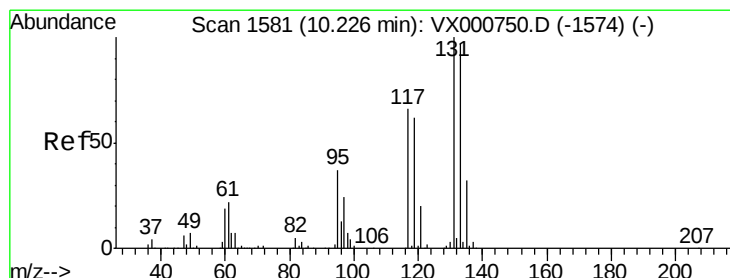
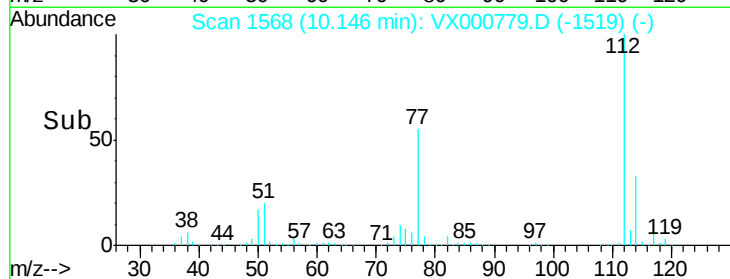
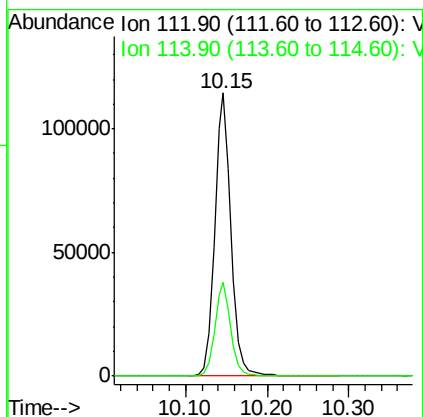
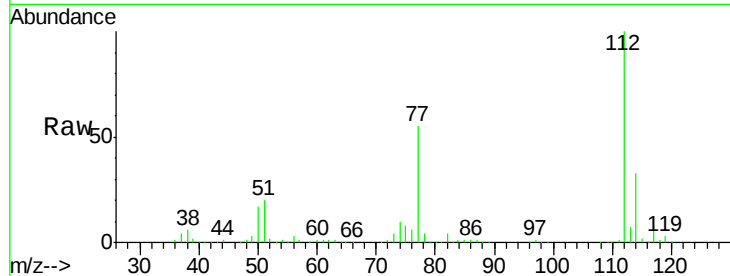




#65
Chlorobenzene
Concen: 20.48 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

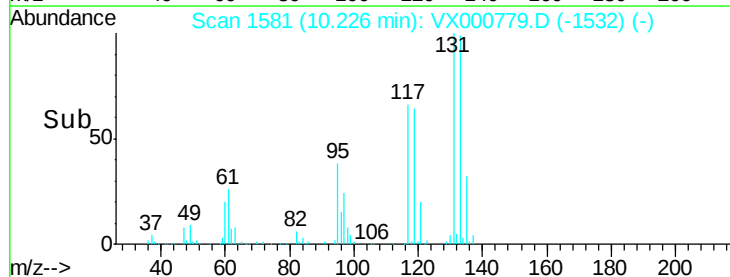
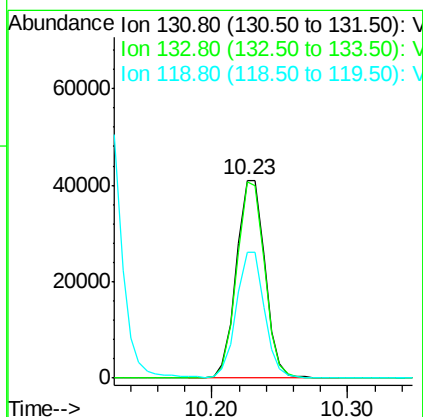
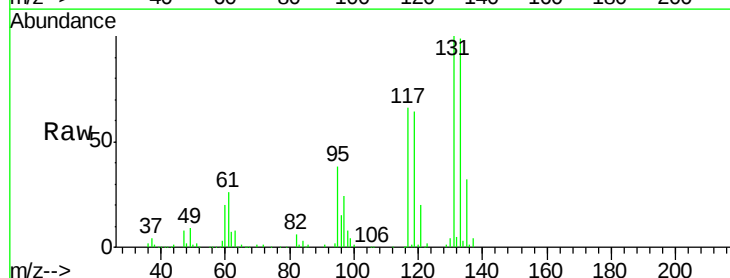
Instrument :
MSVOA_X
ClientSampleId :

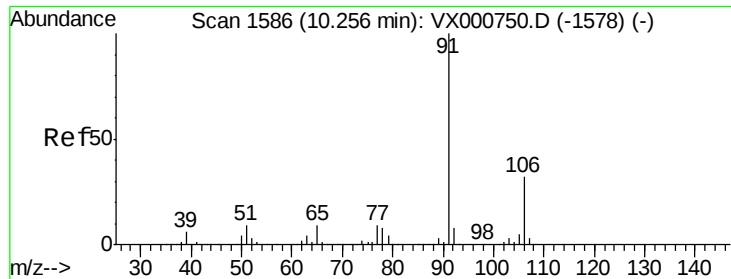
Tot Ion:112 Resp: 160206
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.38 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion:131 Resp: 59999
Ion Ratio Lower Upper
131 100
133 96.9 48.3 144.9
119 62.8 31.4 94.0

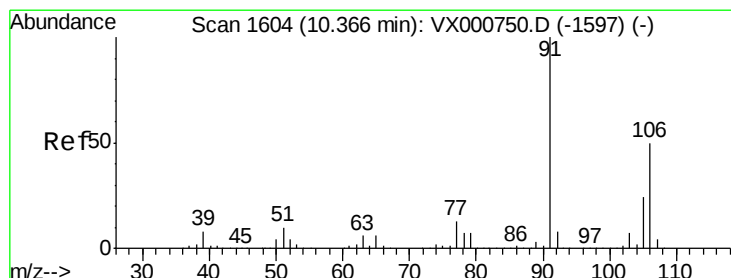
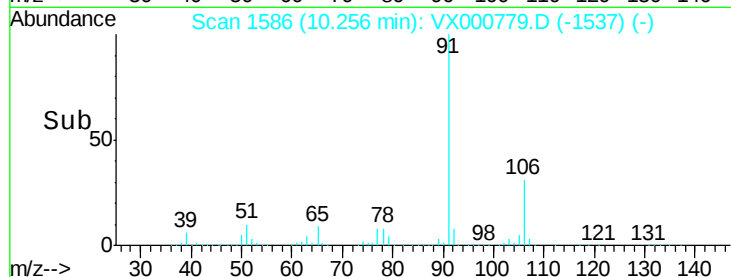
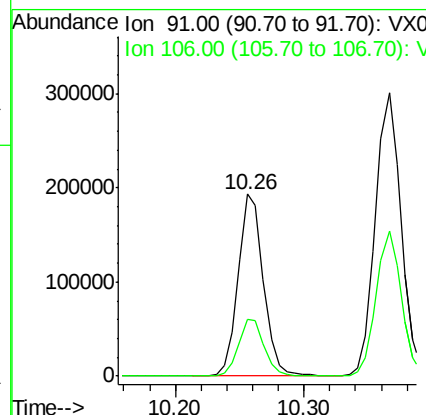
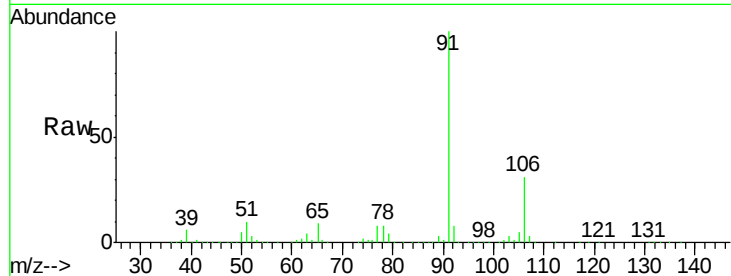




#67
Ethyl Benzene
Concen: 20.34 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

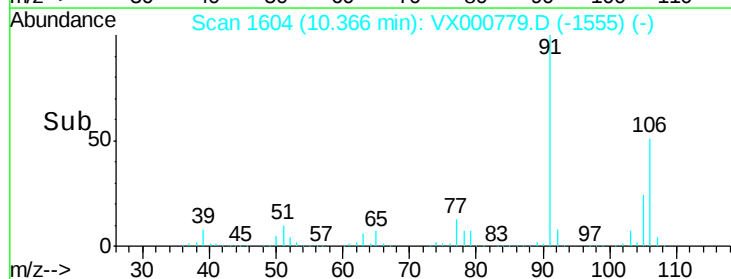
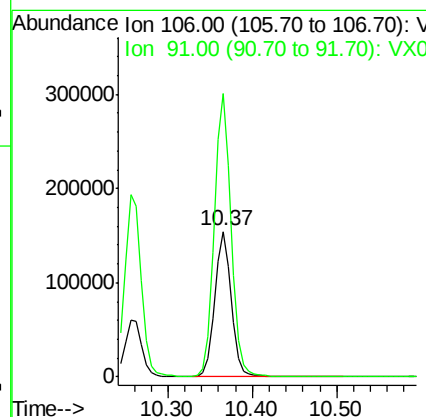
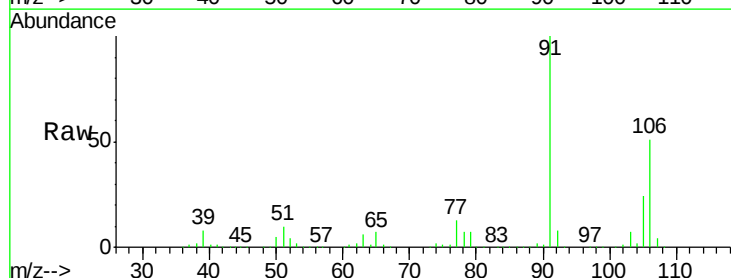
Instrument :
MSVOA_X
ClientSampled :

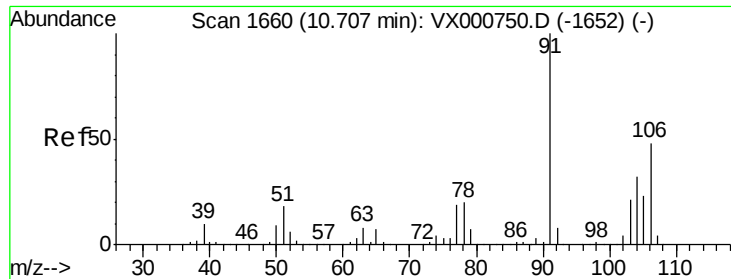
Tot Ion: 91 Resp: 265237
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0



#68
m/p-Xylenes
Concen: 40.78 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion:106 Resp: 209868
Ion Ratio Lower Upper
106 100
91 198.7 159.3 238.9

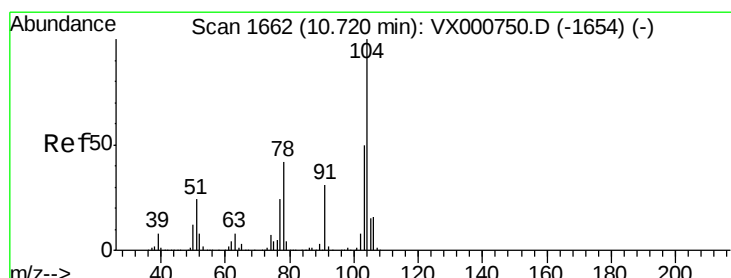
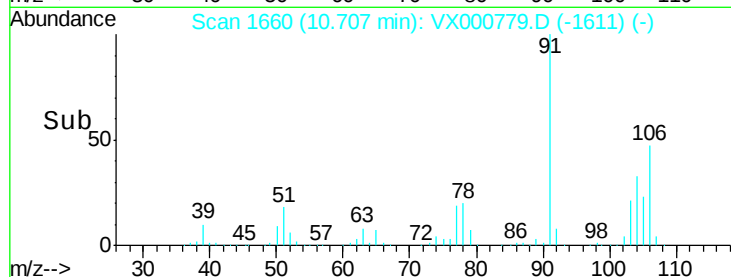
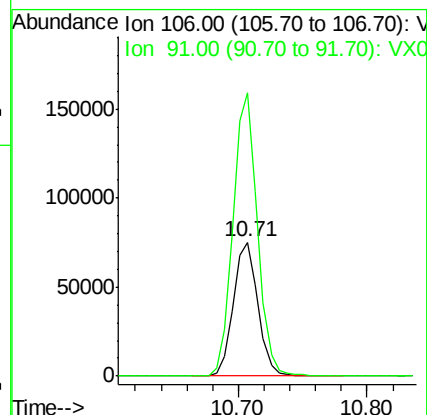
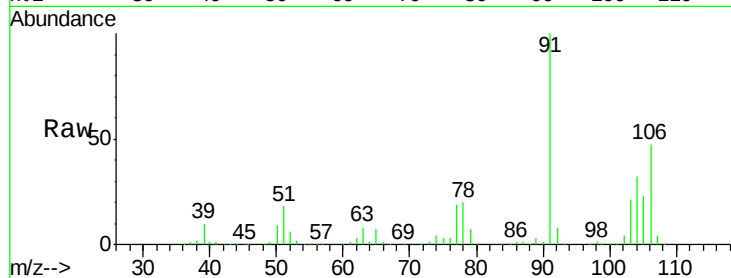




#69
o-Xylene
Concen: 20.34 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

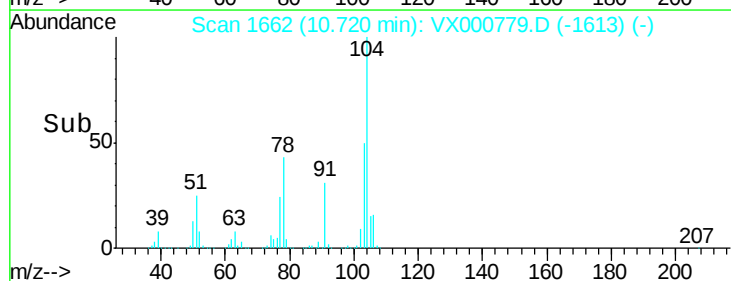
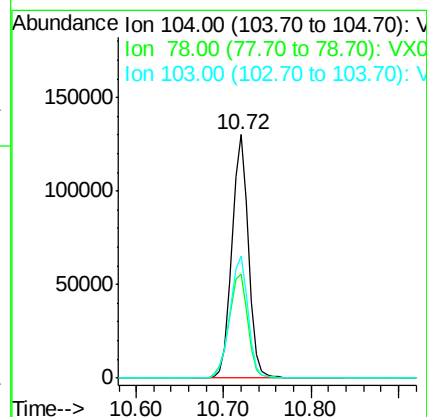
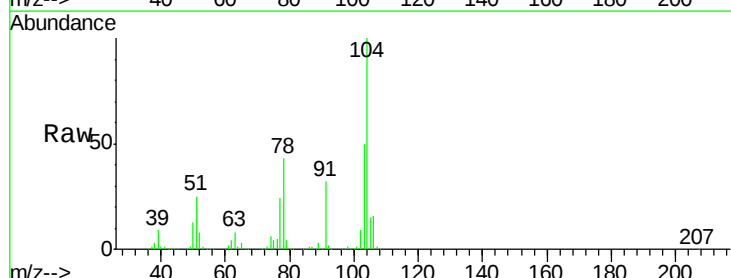
Instrument :
MSVOA_X
ClientSampled :

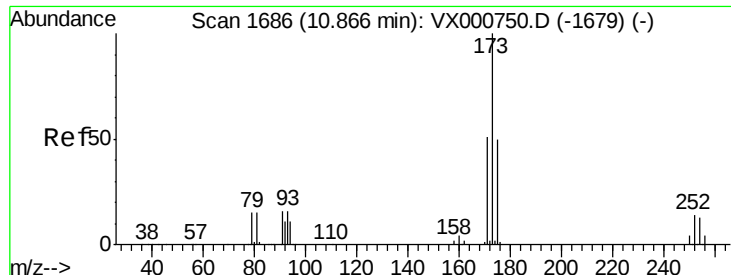
Tot Ion:106 Resp: 100917
Ion Ratio Lower Upper
106 100
91 210.5 105.0 315.0



#70
Styrene
Concen: 20.42 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion:104 Resp: 170787
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 54.8 44.1 66.1





#71

Bromoform

Concen: 19.84 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampled :

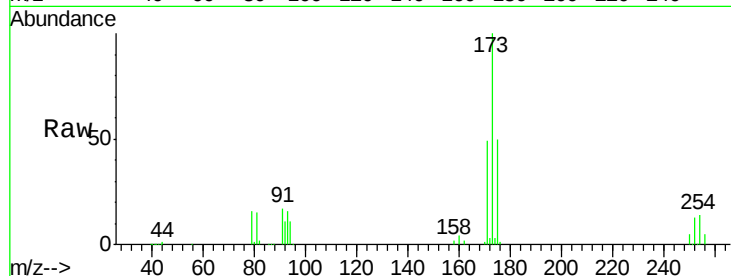
Tot Ion:173 Resp: 54078

Ion Ratio Lower Upper

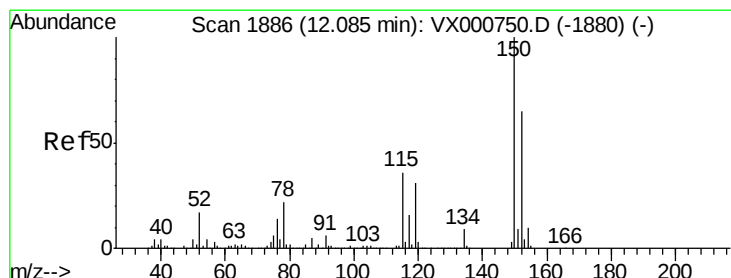
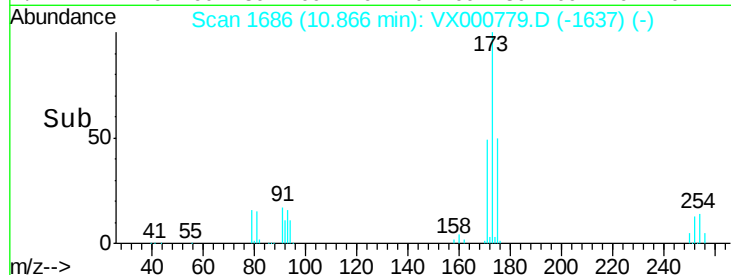
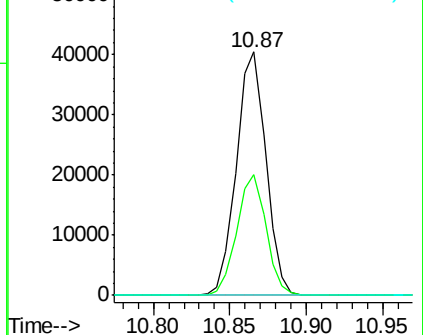
173 100

175 49.0 24.5 73.5

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

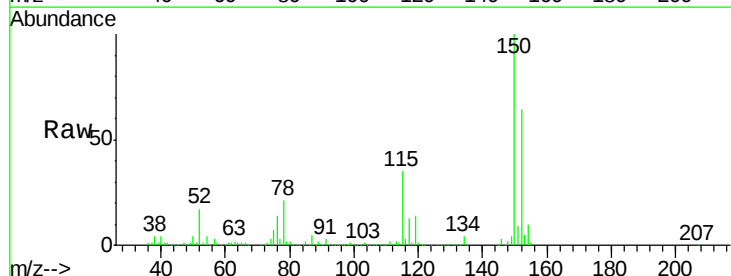
Tgt Ion:152 Resp: 208168

Ion Ratio Lower Upper

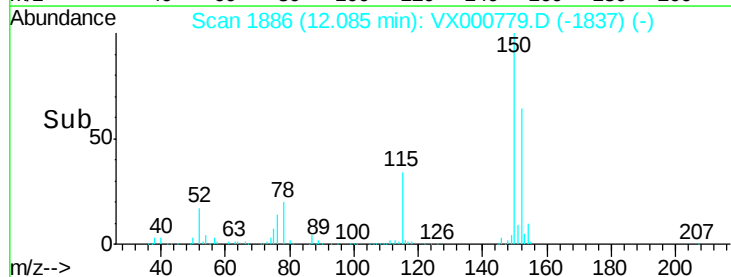
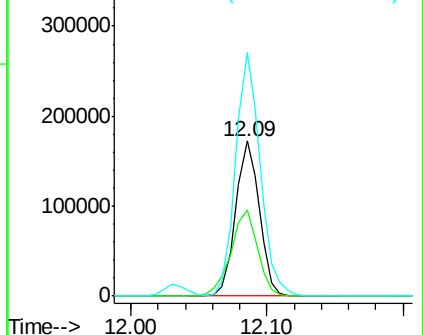
152 100

115 62.7 37.9 113.7

150 164.3 0.0 348.0



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

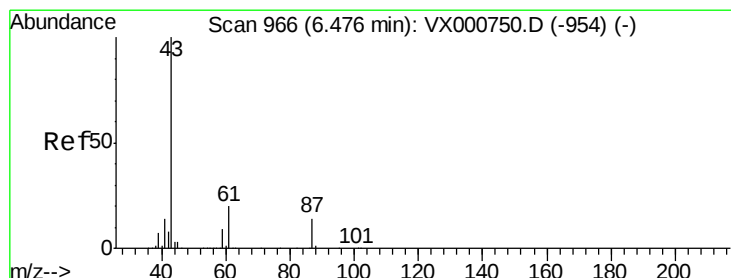
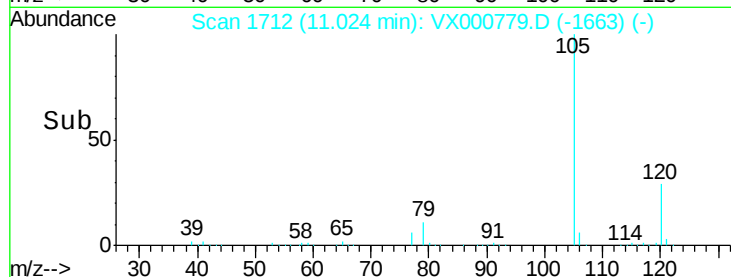
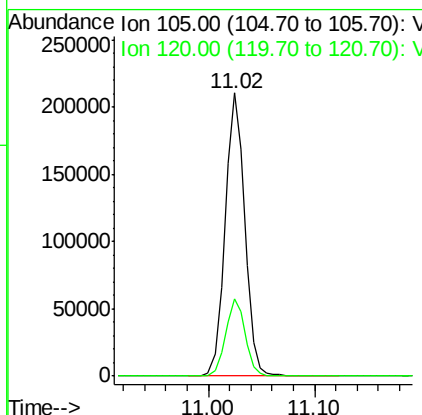
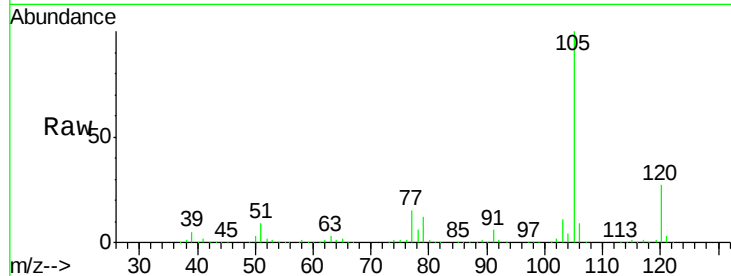




#73
Isopropylbenzene
Concen: 20.64 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

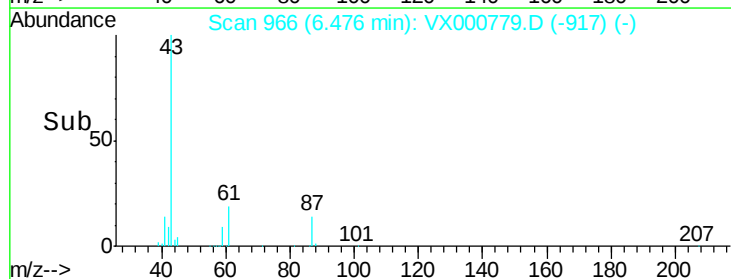
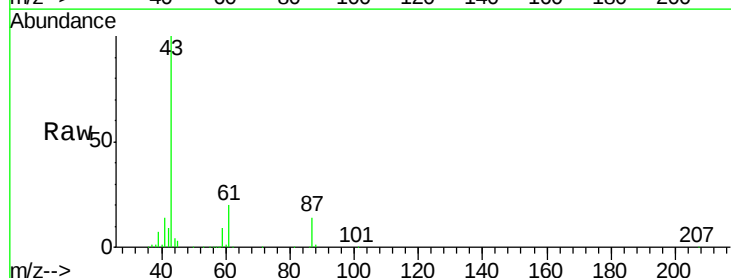
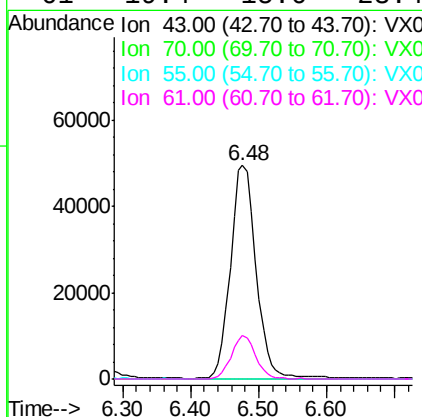
Instrument :
MSVOA_X
ClientSampleId :

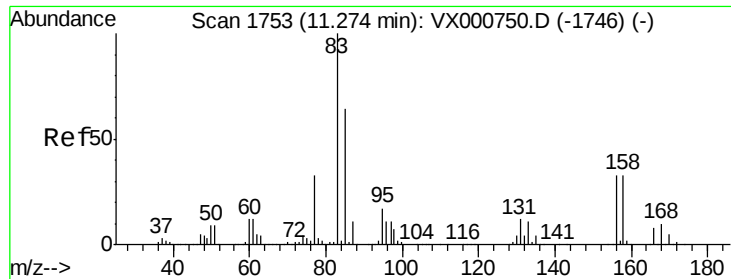
Tot Ion:105 Resp: 272582
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0



#74
N-ethyl acetate
Concen: 21.67 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion: 43 Resp: 128897
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.2 0.0 0.0#
61 19.4 15.6 23.4

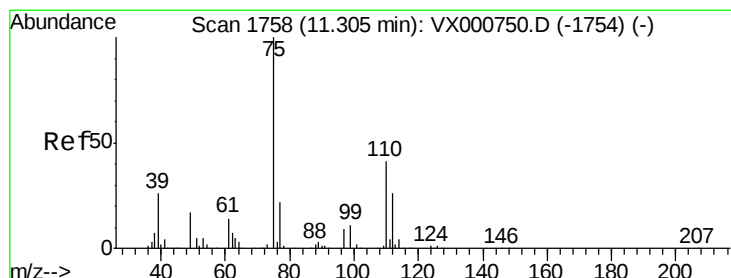
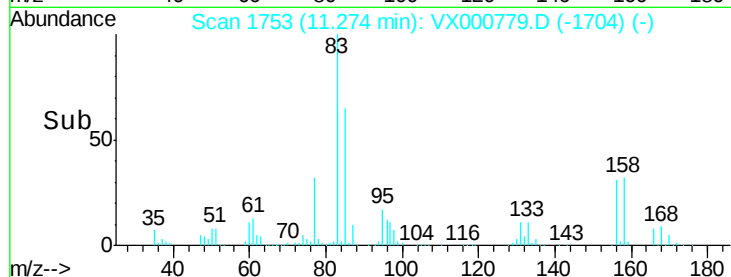
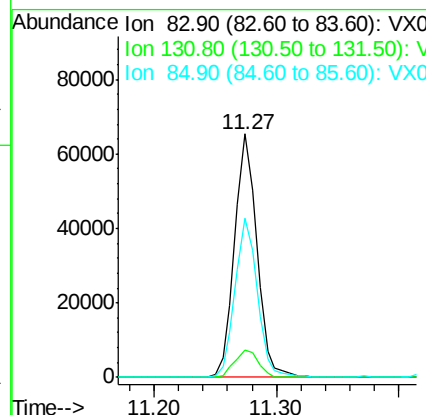
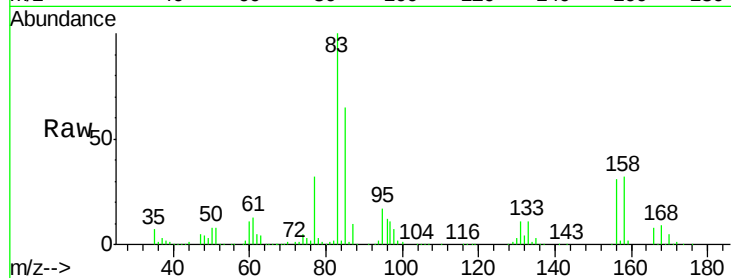




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.52 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

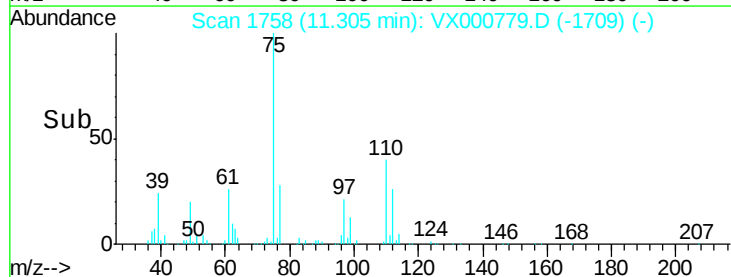
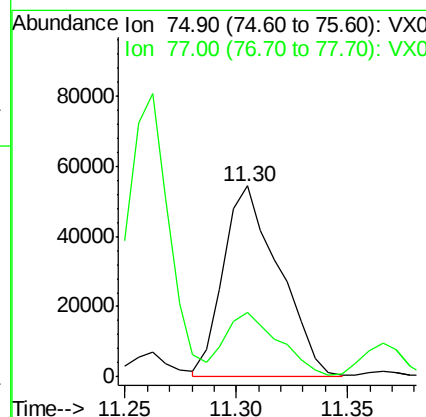
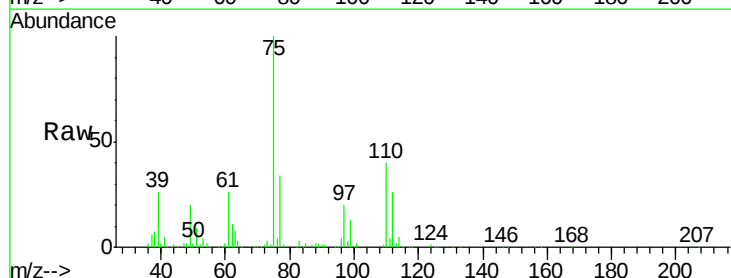
Instrument :
 MSVOA_X
 ClientSampleId :

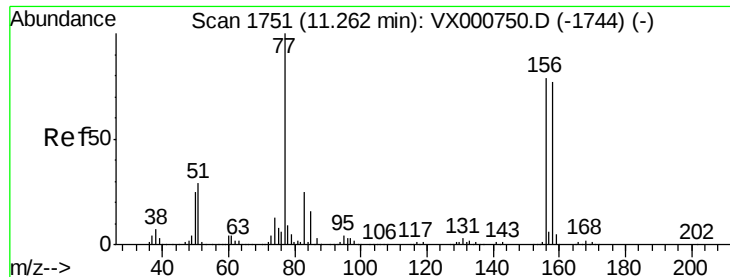
Tot Ion	83	Resp	82461
Ion Ratio	Lower	Upper	
83	100		
131	12.1	6.0	18.0
85	65.2	32.3	96.8



#76
 1,2,3-Trichloropropane
 Concen: 26.42 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Tgt Ion	75	Resp	94861
Ion Ratio	Lower	Upper	
75	100		
77	32.5	20.5	61.5





#77

Bromobenzene

Concen: 20.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

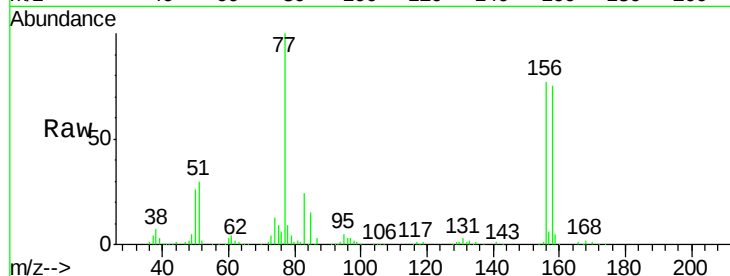
Tot Ion:156 Resp: 79992

Ion Ratio Lower Upper

156 100

77 131.8 66.0 198.2

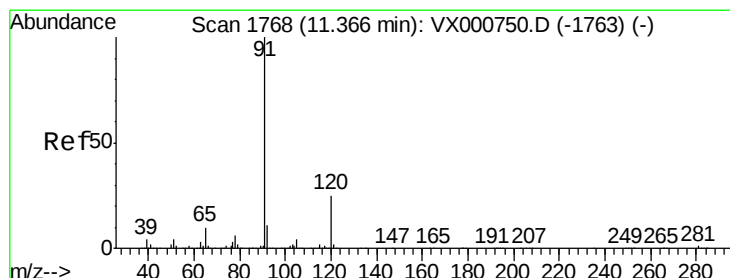
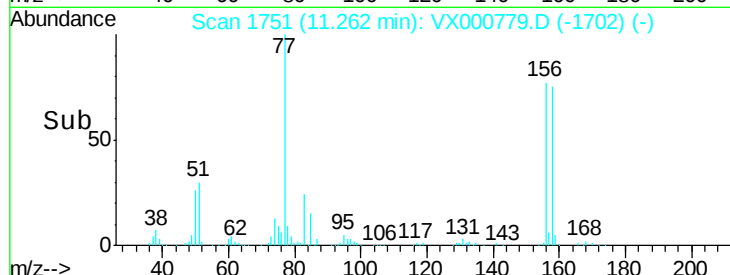
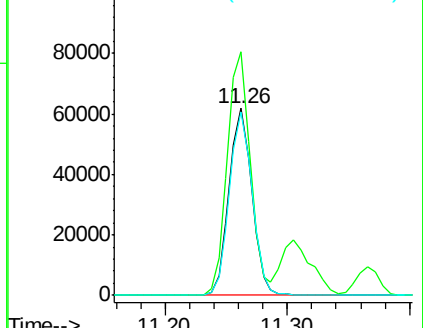
158 97.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000779.D

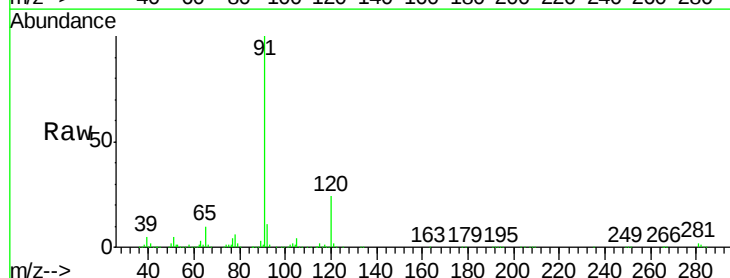
Acq: 11 Apr 2018 15:30

Tgt Ion: 91 Resp: 307721

Ion Ratio Lower Upper

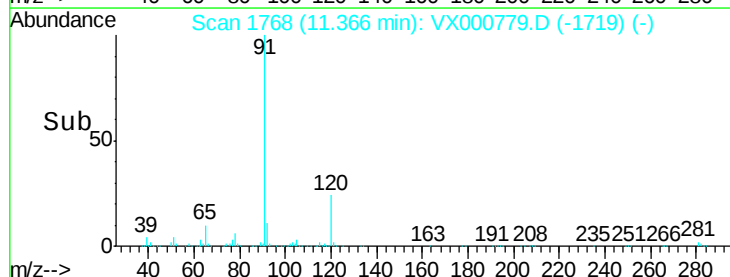
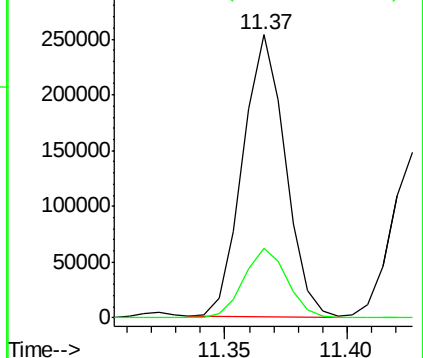
91 100

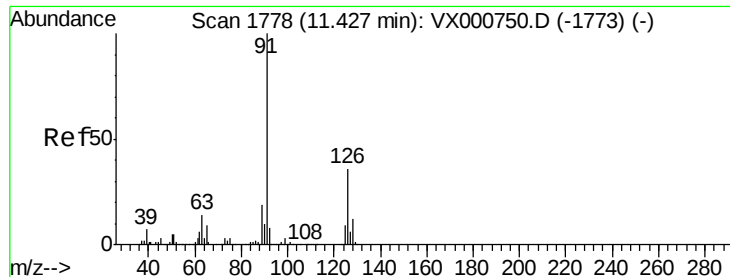
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

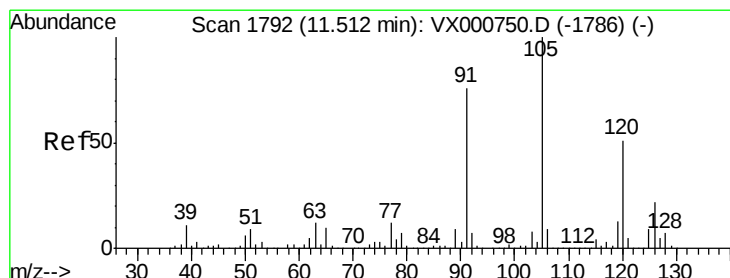
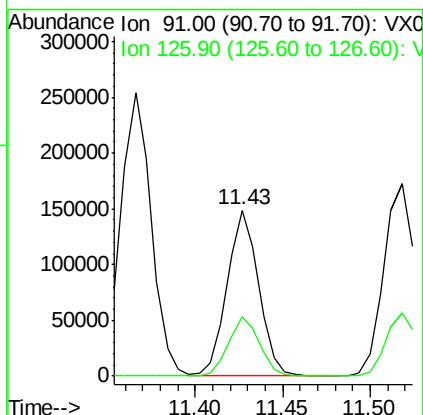
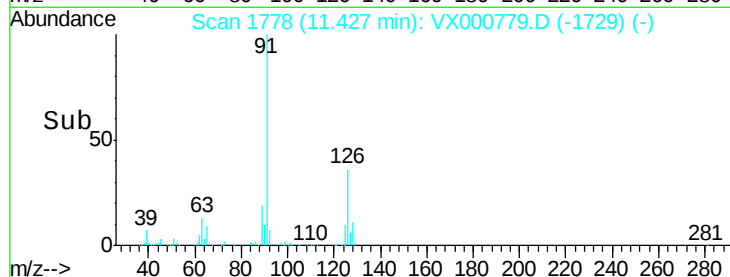
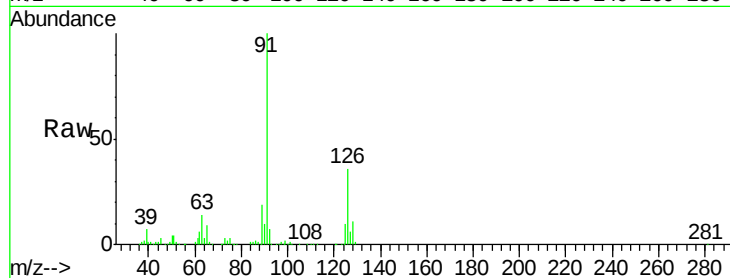
ClientSampleId :

Tot Ion: 91 Resp: 184595

Ion Ratio Lower Upper

91 100

126 36.0 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 20.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000779.D

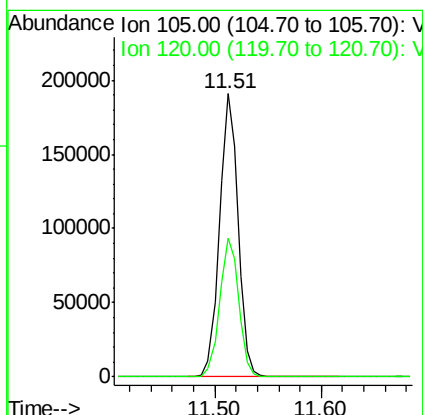
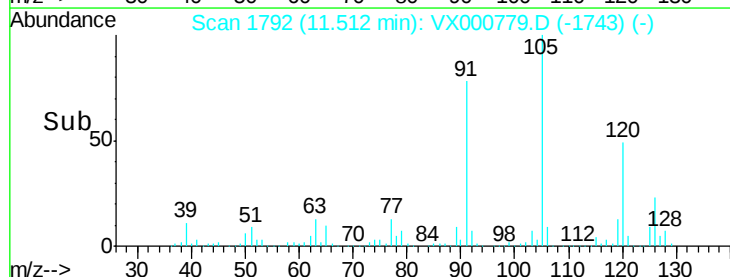
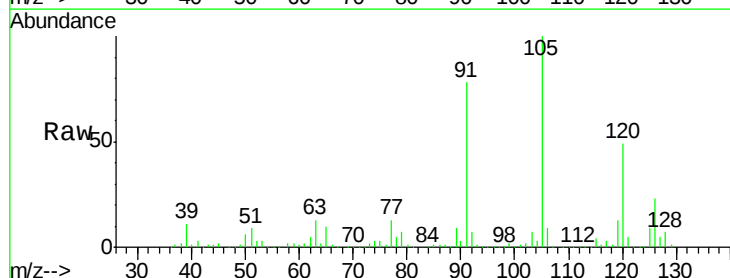
Acq: 11 Apr 2018 15:30

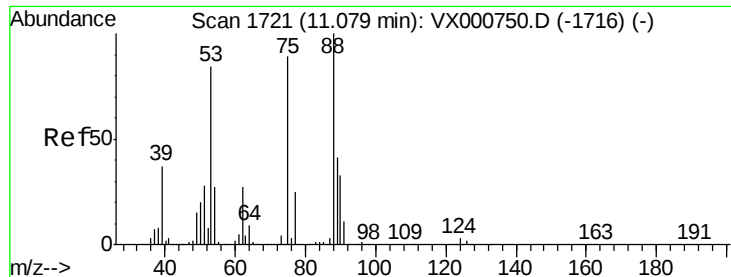
Tgt Ion: 105 Resp: 231766

Ion Ratio Lower Upper

105 100

120 50.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.54 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampled :

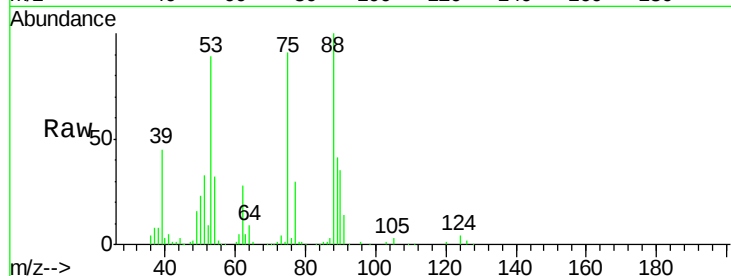
Tot Ion: 75 Resp: 24198

Ion Ratio Lower Upper

75 100

53 100.1 75.4 113.0

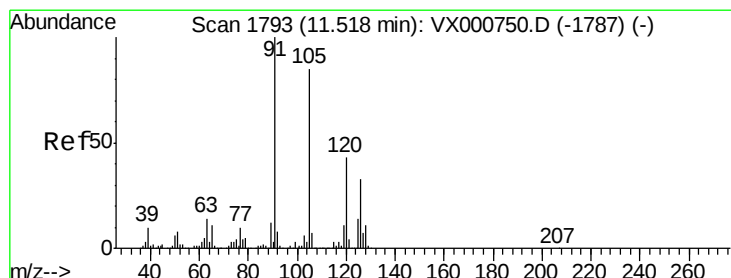
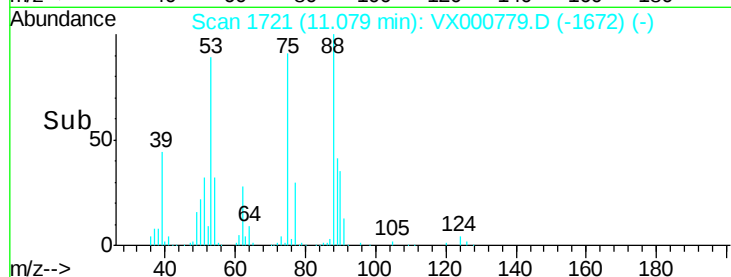
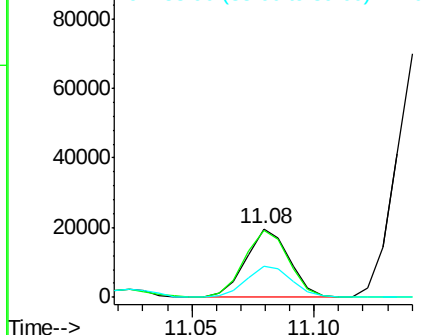
89 49.3 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.47 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000779.D

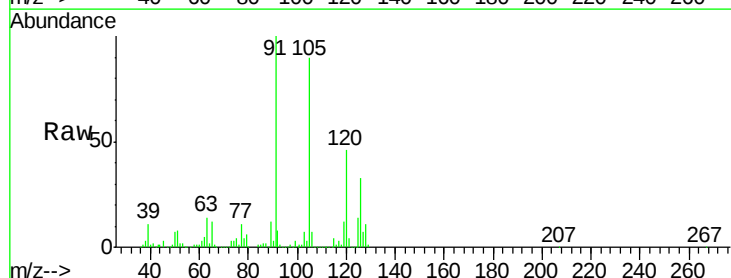
Acq: 11 Apr 2018 15:30

Tgt Ion: 91 Resp: 220636

Ion Ratio Lower Upper

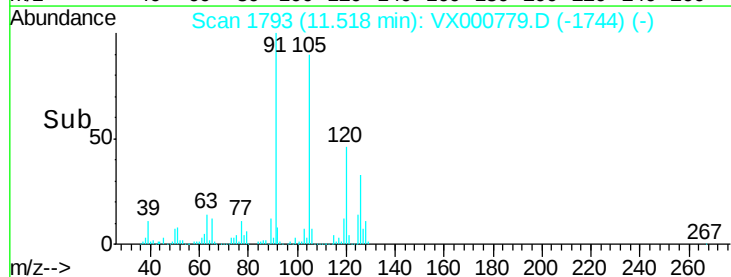
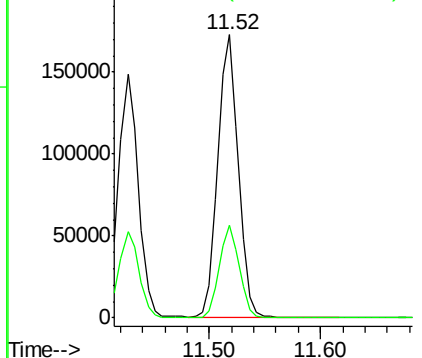
91 100

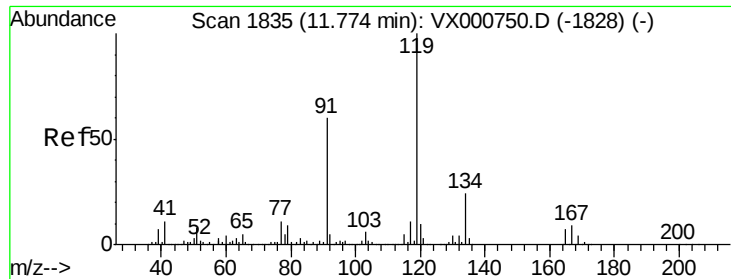
126 31.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

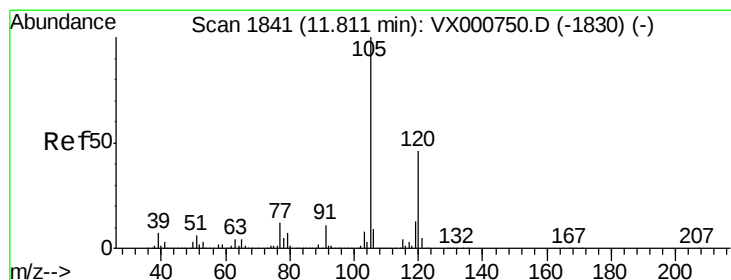
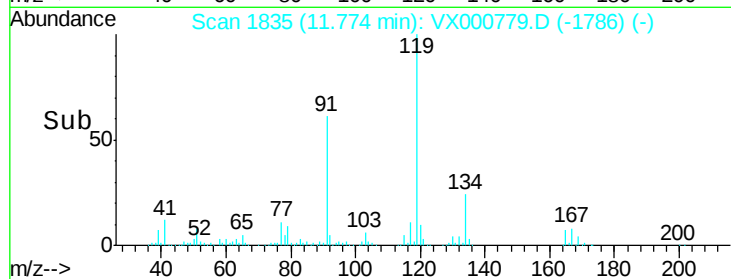
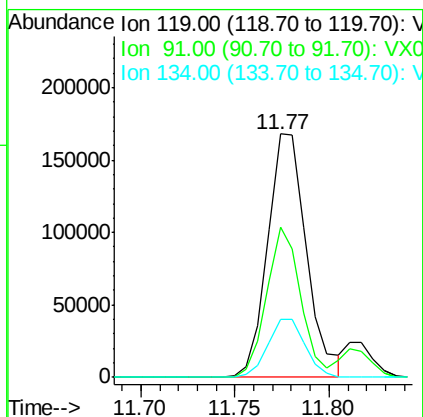
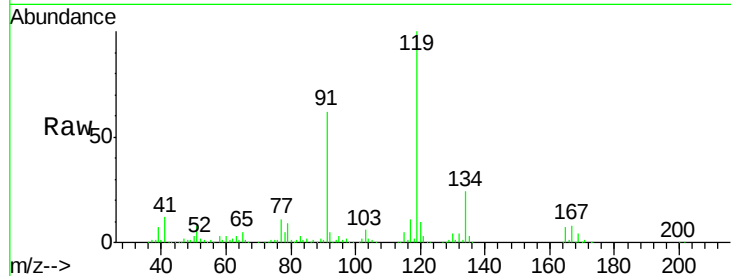




#83
tert-Butylbenzene
Concen: 20.74 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

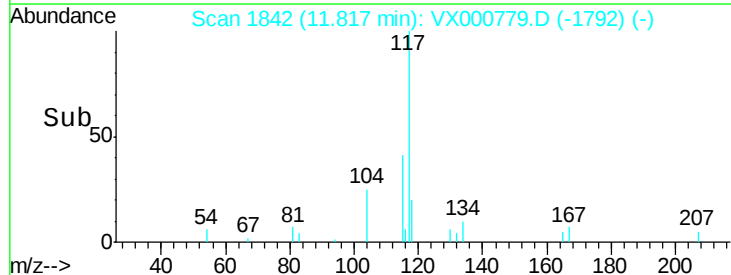
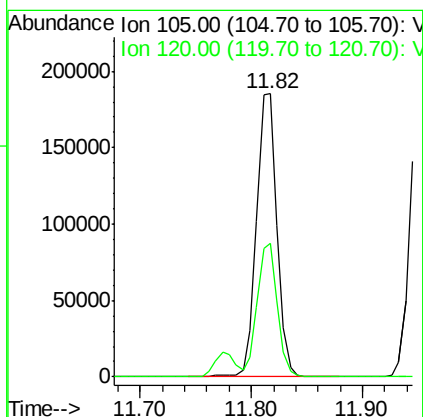
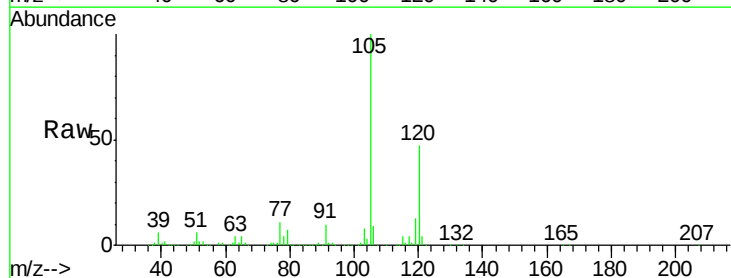
Instrument :
MSVOA_X
ClientSampled :

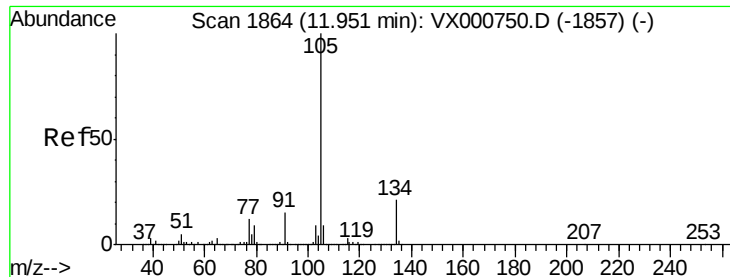
Tot Ion:119 Resp: 241009
Ion Ratio Lower Upper
119 100
91 54.0 26.8 80.3
134 23.0 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 20.36 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion:105 Resp: 238750
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.26 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

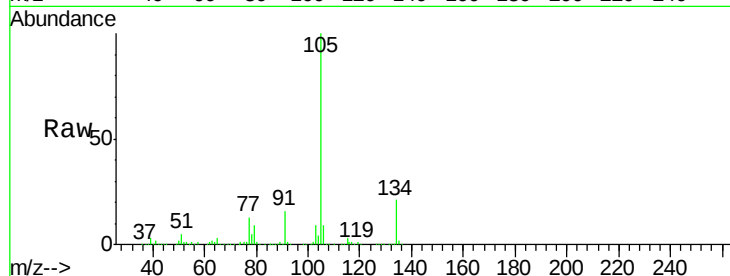
ClientSampleId :

Tot Ion:105 Resp: 277743

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

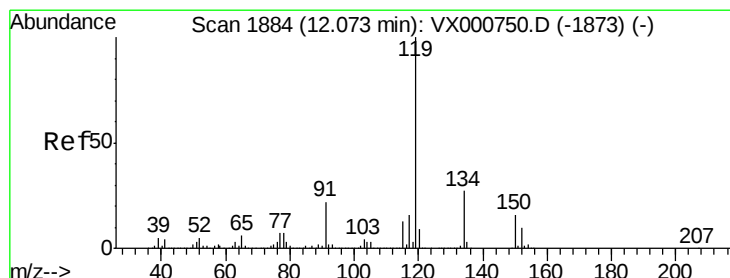
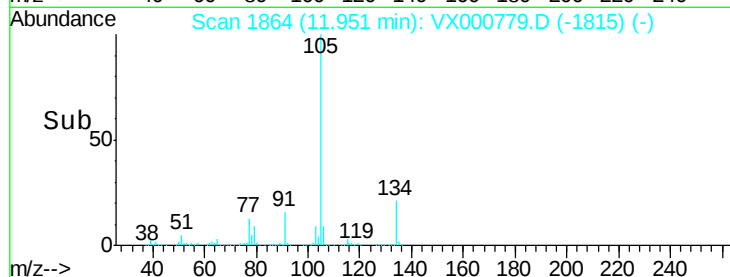
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.97 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

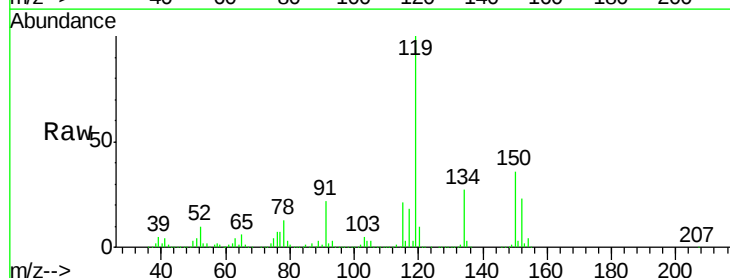
Tgt Ion:119 Resp: 255329

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 23.1 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

300000

250000

200000

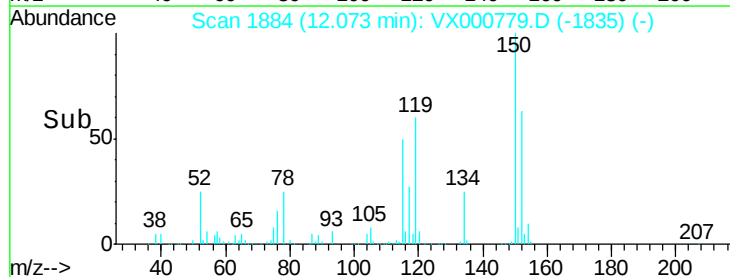
150000

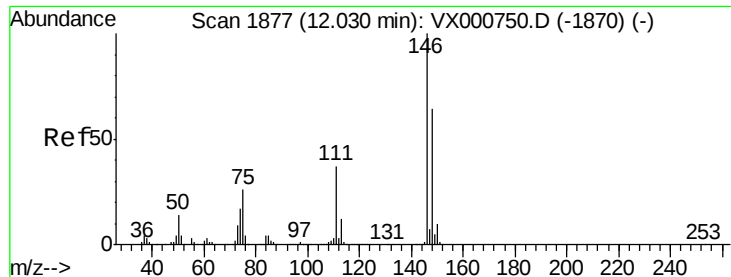
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.44 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

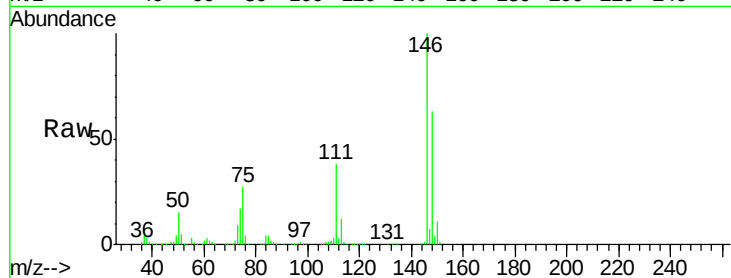
Tot Ion:146 Resp: 146423

Ion Ratio Lower Upper

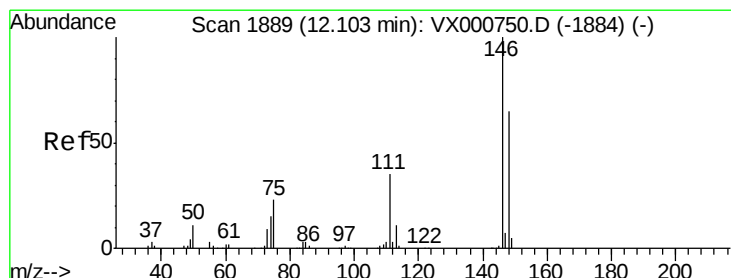
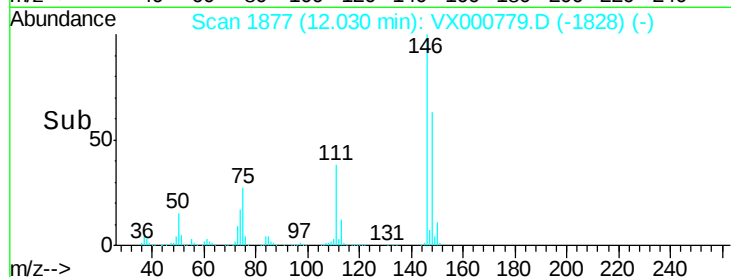
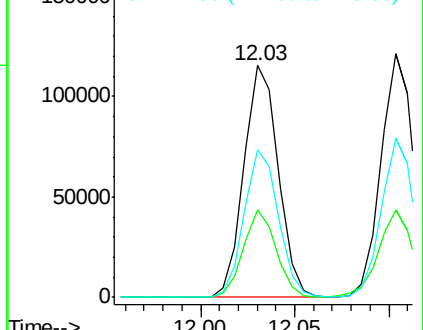
146 100

111 36.1 18.3 54.8

148 63.5 32.2 96.6



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: 20.23 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

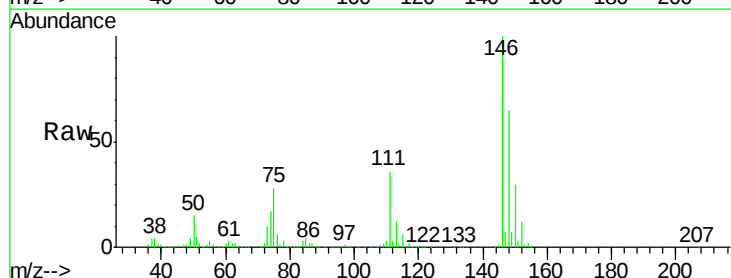
Tgt Ion:146 Resp: 148504

Ion Ratio Lower Upper

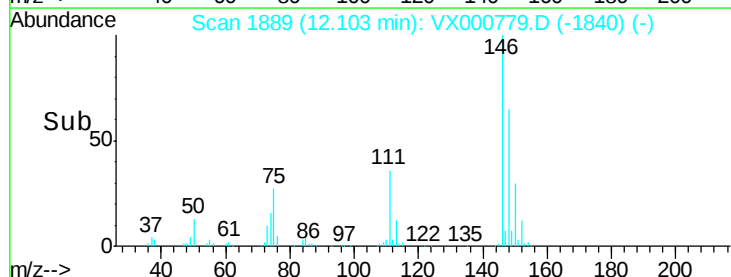
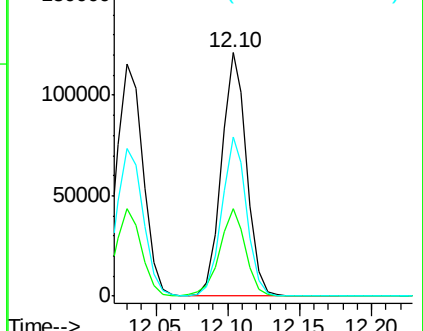
146 100

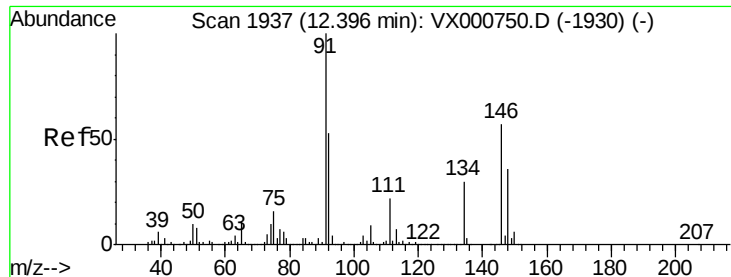
111 36.9 17.9 53.8

148 64.7 32.6 97.7



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

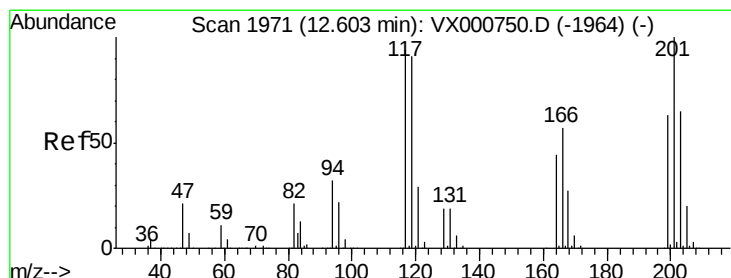
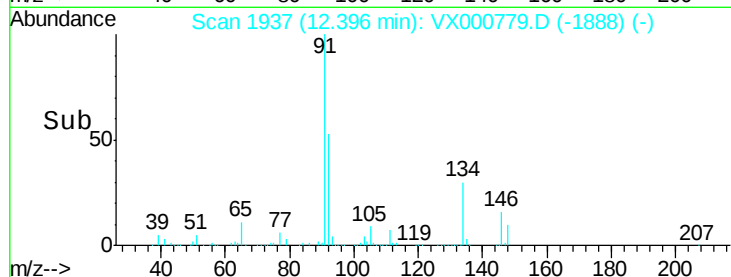
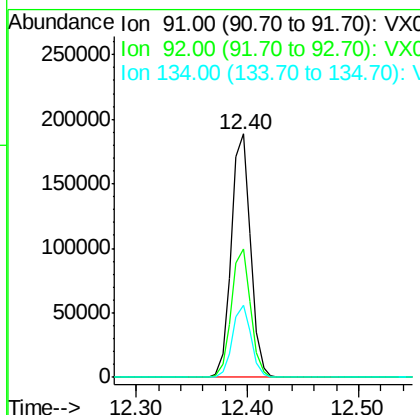
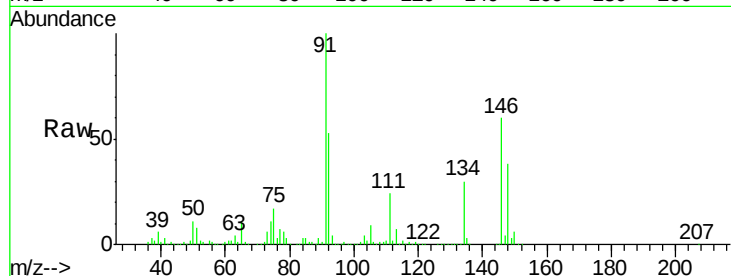




#89
n-Butylbenzene
Concen: 19.93 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

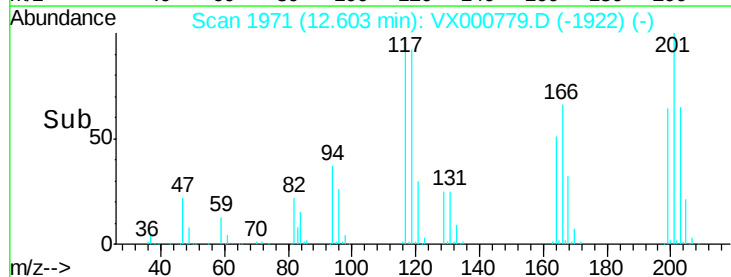
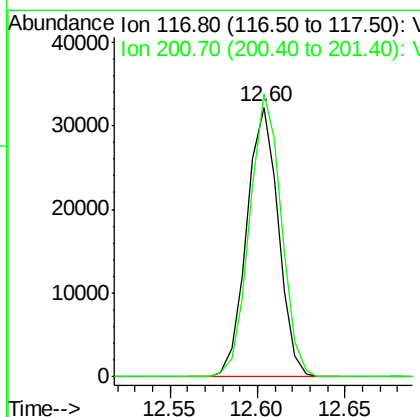
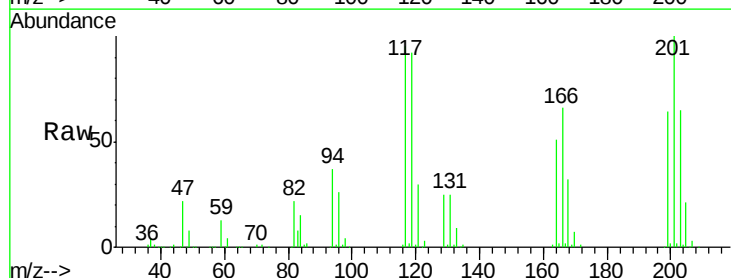
Instrument :
MSVOA_X
ClientSampled :

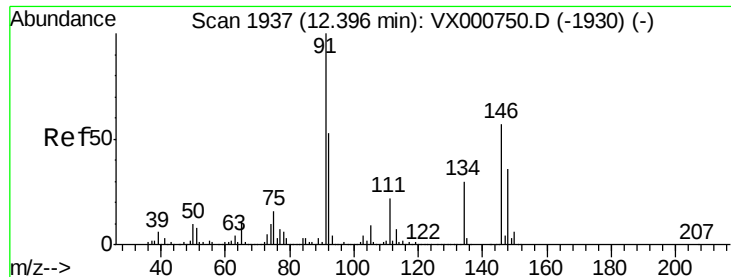
Tot Ion: 91 Resp: 224819
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 28.6 14.5 43.5



#90
Hexachloroethane
Concen: 18.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000779.D
Acq: 11 Apr 2018 15:30

Tgt Ion: 117 Resp: 40701
Ion Ratio Lower Upper
117 100
201 105.2 52.9 158.7

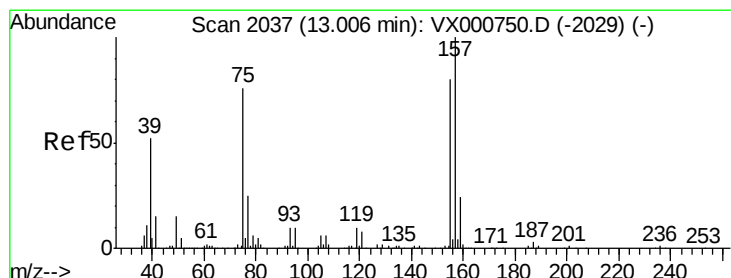
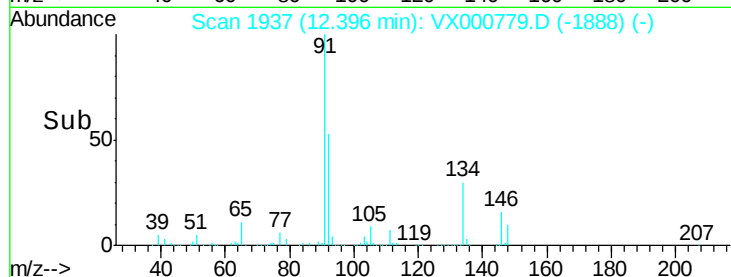
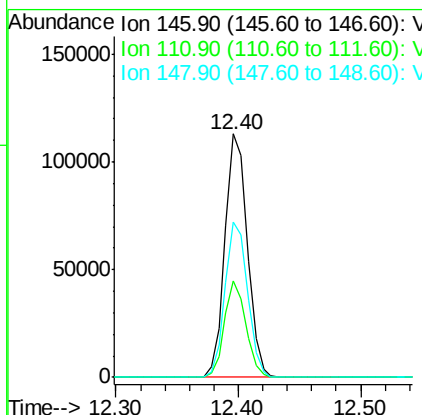
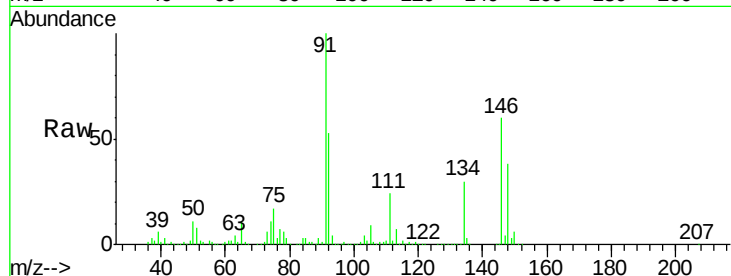




#91
 1,2-Dichlorobenzene
 Concen: 20.71 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

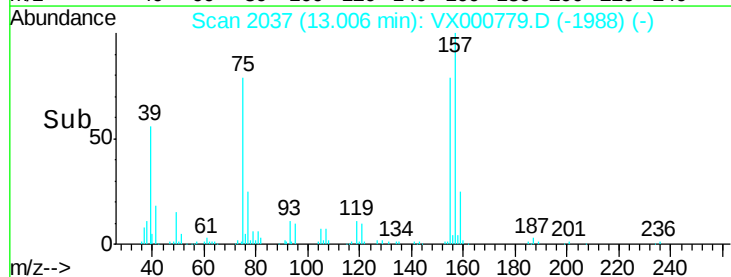
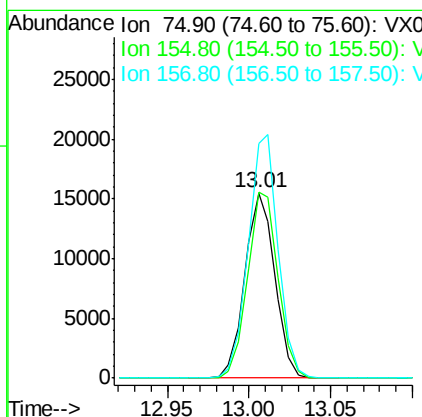
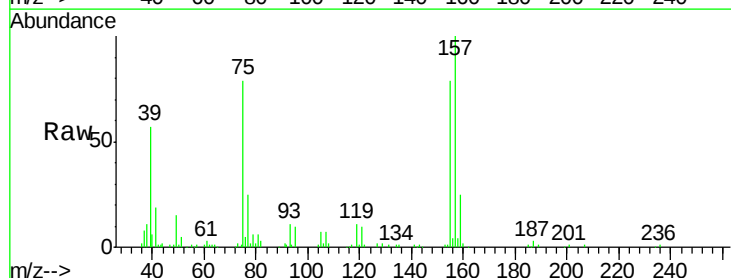
Instrument :
 MSVOA_X
 ClientSampleId :

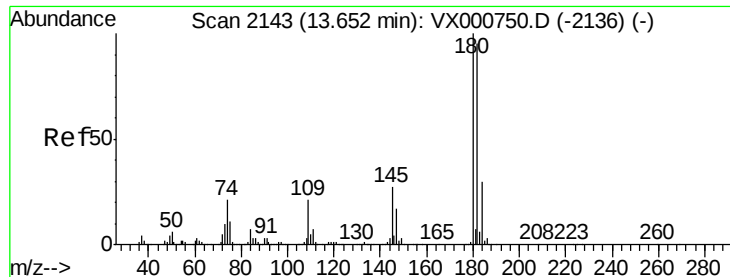
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.1	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.65 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	51.9	155.8
157	130.9	66.6	199.8

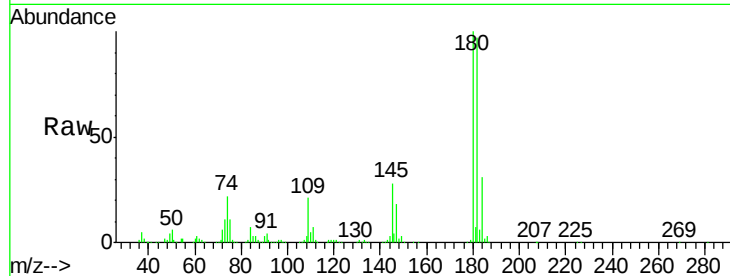




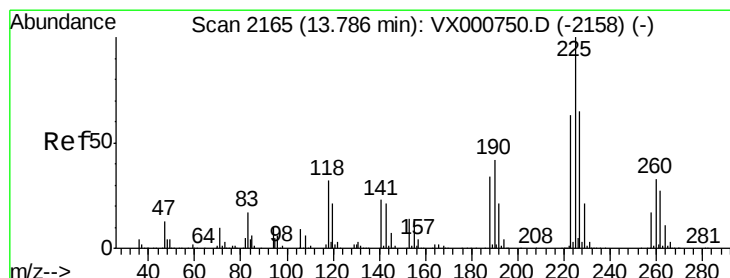
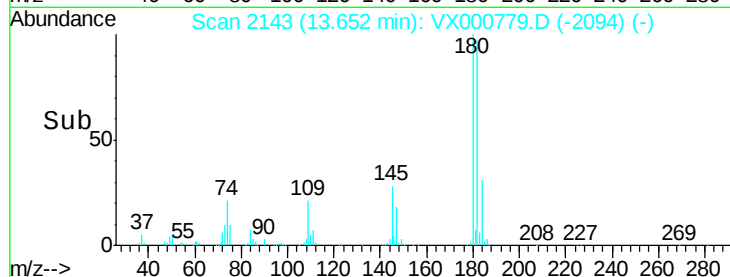
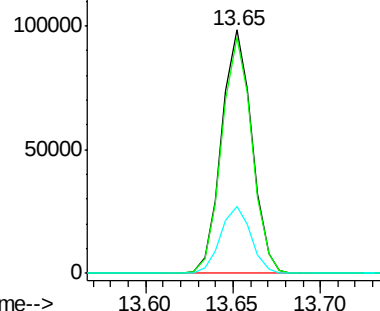
#93
 1,2,4-Trichlorobenzene
 Concen: 20.08 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 118475
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.5 142.5
 145 27.7 13.8 41.4

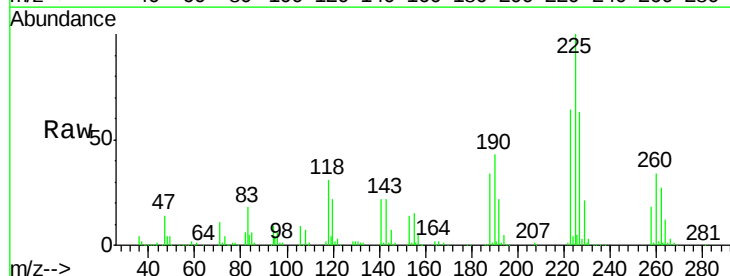


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

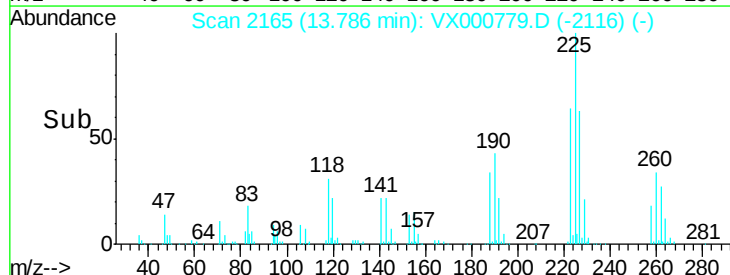
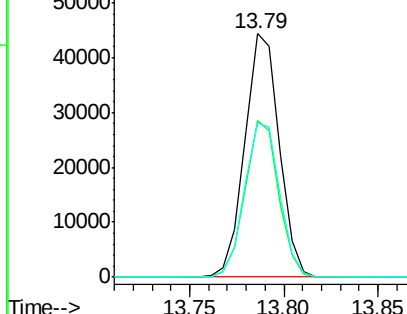


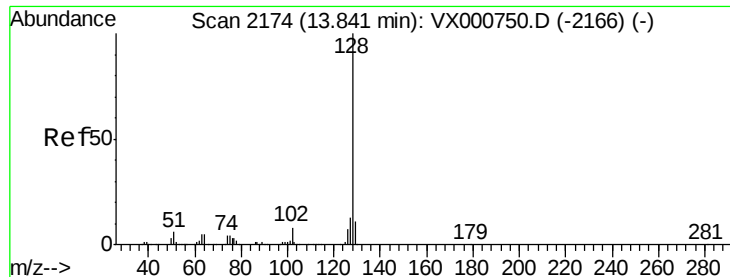
#94
 Hexachlorobutadiene
 Concen: 19.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000779.D
 Acq: 11 Apr 2018 15:30

Tgt Ion:225 Resp: 56104
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 64.8 32.3 96.9



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





#95

Naphthalene

Concen: 21.32 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

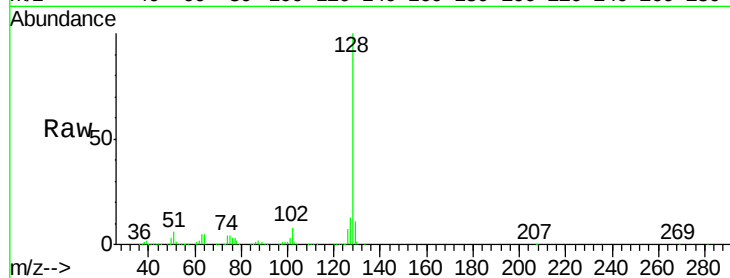
Tot Ion:128 Resp: 322996

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

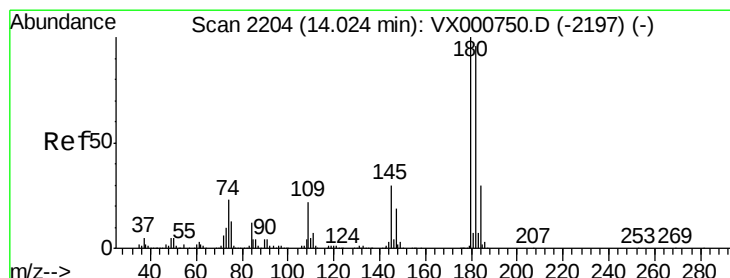
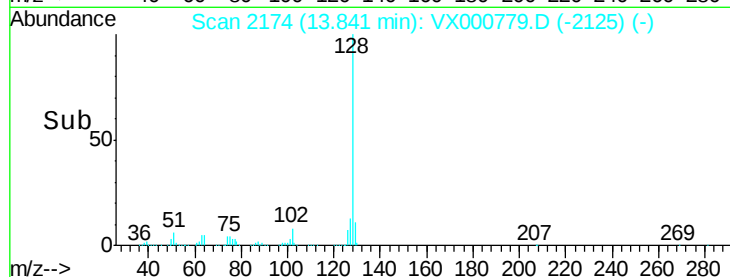
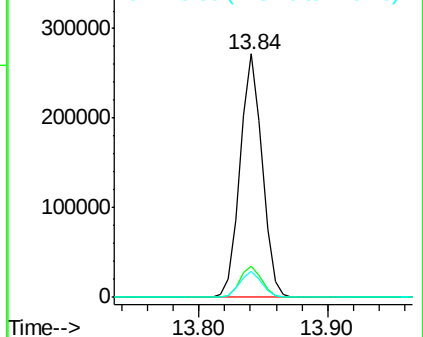
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.51 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000779.D

Acq: 11 Apr 2018 15:30

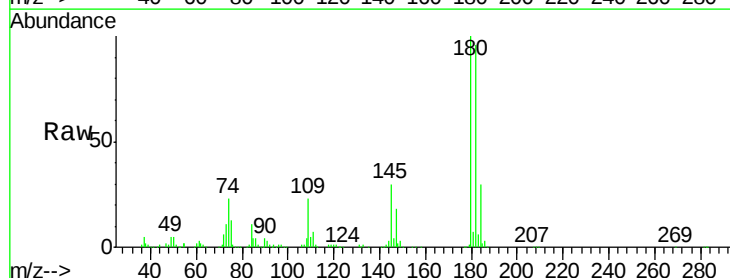
Tgt Ion:180 Resp: 117530

Ion Ratio Lower Upper

180 100

182 96.5 48.4 145.2

145 29.4 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

