

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005716.D
 Acq On : 31 Oct 2018 19:55
 Operator : JC/MD
 Sample : J5711-04MEDL 10X
 Misc : 5.89g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 20:16:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	143971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	223074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97397	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	99405	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
35) Dibromofluoromethane	5.50	113	71926	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
50) Toluene-d8	8.71	98	281164	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.14	95	102988	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1381	0.545	ug/l	91
6) Chloroethane	1.73	64	25	Below Cal	#	42
10) Methyl Iodide	2.51	142	252	2.097	ug/l #	49
11) Tert butyl alcohol	3.03	59	2223	3.889	ug/l #	72
13) Acrolein	2.29	56	140	12.508	ug/l #	14
15) Acrylonitrile	3.17	53	986	0.784	ug/l #	35
16) Acetone	2.45	43	947	Below Cal	#	89
17) Carbon Disulfide	2.57	76	1061	0.223	ug/l #	89
18) Methyl Acetate	2.78	43	5642	1.868	ug/l	100
25) 2-Butanone	4.71	43	606	0.341	ug/l #	51
31) Cyclohexane	5.57	56	25014	8.894	ug/l #	90
36) 1,1-Dichloropropene	5.78	75	542	0.228	ug/l #	44
38) Carbon Tetrachloride	5.67	117	14010	6.525	ug/l #	15
39) Methylcyclohexane	7.46	83	82730	33.377	ug/l	97
40) Benzene	6.14	78	4527	0.640	ug/l #	90
41) Methacrylonitrile	5.07	41	361	0.220	ug/l #	25
43) Isopropyl Acetate	6.46	43	2848	0.647	ug/l #	63
47) Bromodichloromethane	7.85	83	1672	0.770	ug/l #	60
48) Methyl methacrylate	7.73	41	8772	4.118	ug/l #	53
51) 4-Methyl-2-Pentanone	8.66	43	9895	3.297	ug/l #	47
52) Toluene	8.79	92	1840	0.481	ug/l	91
55) 1,1,2-Trichloroethane	9.27	97	1292	0.778	ug/l #	24
56) Ethyl methacrylate	9.16	69	5988	4.490	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.33	63	181	10.446	ug/l #	48
59) 2-Hexanone	9.44	43	38718	15.855	ug/l #	31
67) Ethyl Benzene	10.25	91	2523	0.341	ug/l	96
68) m/p-Xylenes	10.36	106	2739	0.995	ug/l	85
69) o-Xylene	10.70	106	577	0.219	ug/l	70
73) Isopropylbenzene	11.02	105	14122	2.198	ug/l	98
74) N-amyl acetate	10.91	43	13591	3.973	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	9562	3.587	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	53270	21.960	ug/l #	36
78) n-propylbenzene	11.36	91	26476	3.387	ug/l	93
79) 2-Chlorotoluene	11.67	91	1062	0.227	ug/l	82

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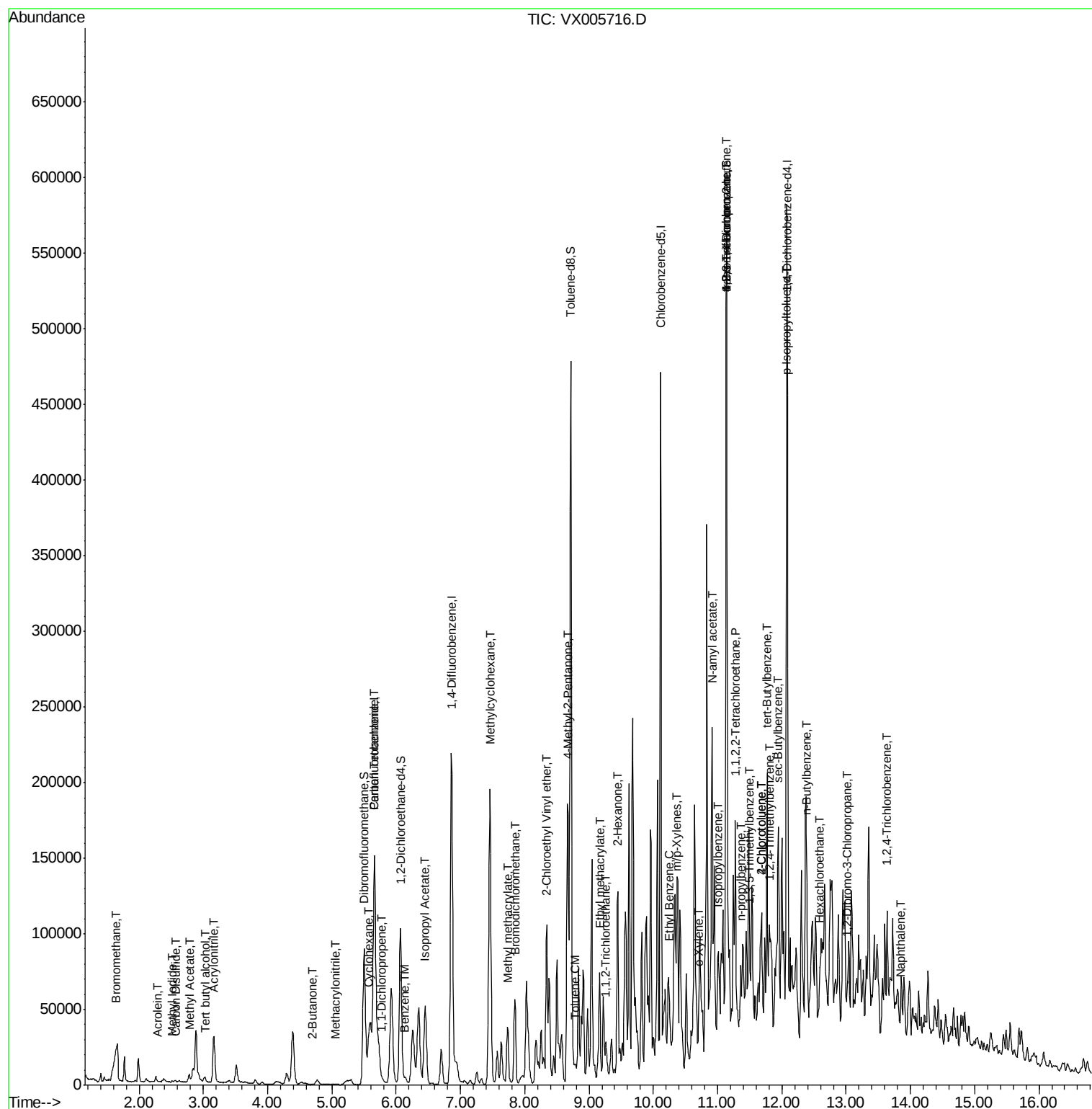
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	3969	0.727	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	53270	70.951	ug/l #	12
82) 4-Chlorotoluene	11.67	91	1333	0.239	ug/l	73
83) tert-Butylbenzene	11.77	119	1533	0.294	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	9922	1.801	ug/l	98
85) sec-Butylbenzene	11.94	105	20311	3.042	ug/l	98
86) p-Isopropyltoluene	12.07	119	1859	0.327	ug/l #	32
89) n-Butylbenzene	12.39	91	28834	5.032	ug/l #	75
90) Hexachloroethane	12.59	117	1827	1.813	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	162	0.259	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.65	180	459	0.222	ug/l #	1
95) Naphthalene	13.83	128	4501	0.663	ug/l #	69

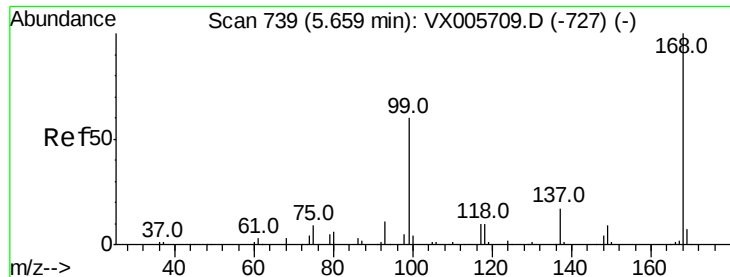
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX103118\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

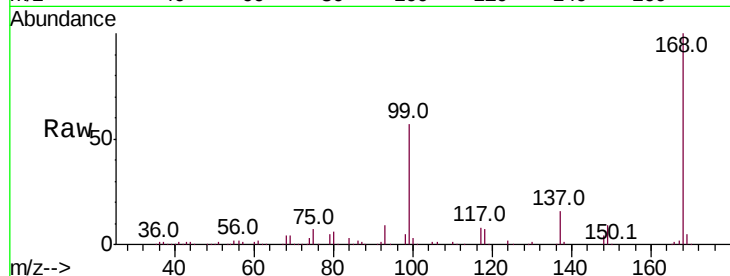
ClientSampled :

Tot Ion:168 Resp: 143971

Ion Ratio Lower Upper

168 100

99 56.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

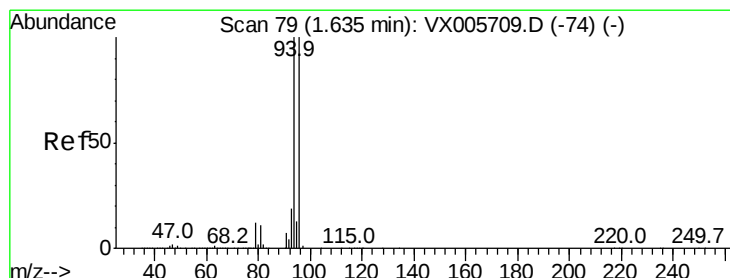
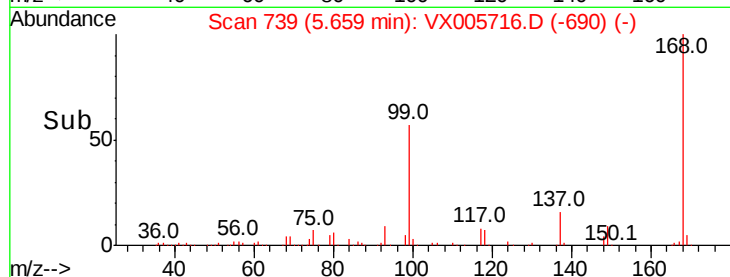
20000

10000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.545 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005716.D

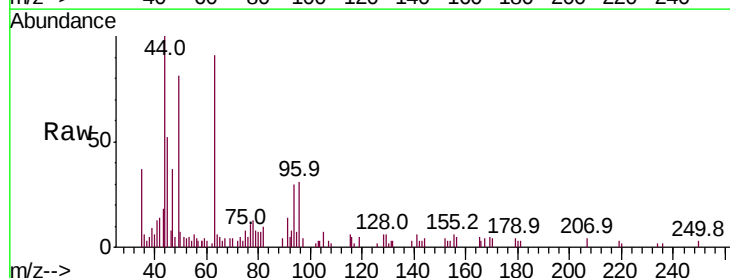
Acq: 31 Oct 2018 19:55

Tgt Ion: 94 Resp: 1381

Ion Ratio Lower Upper

94 100

96 102.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

800

600

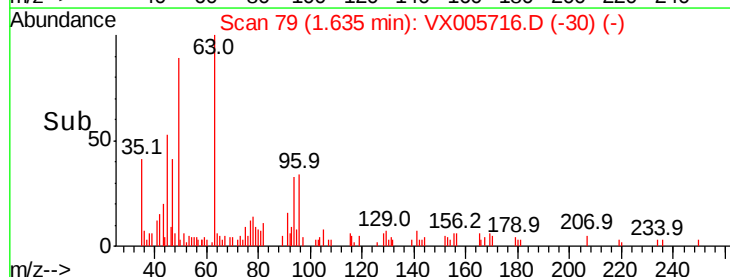
400

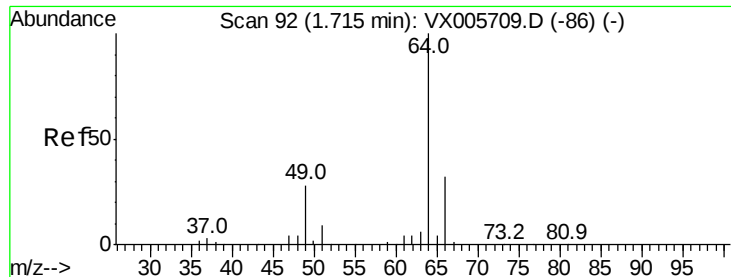
200

0

Time-->

1.55 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

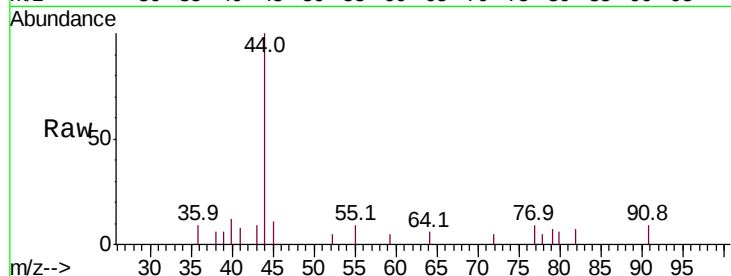
ClientSampled :

Tot Ion: 64 Resp: 25

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80

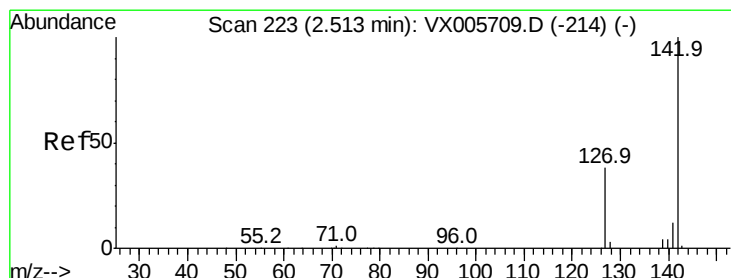
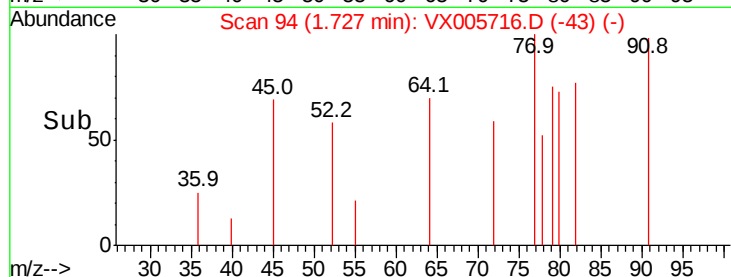
60

40

20

0

Time--> 1.71 1.72 1.73 1.74



#10

Methyl Iodide

Concen: 2.097 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

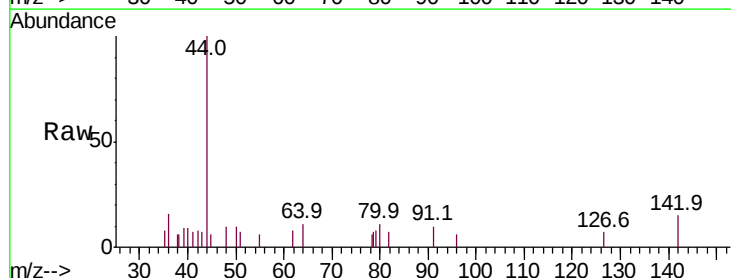
Tgt Ion:142 Resp: 252

Ion Ratio Lower Upper

142 100

127 8.7 36.0 54.0#

141 0.0 11.7 17.5#



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

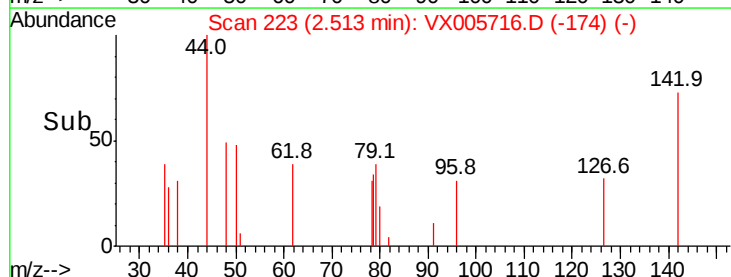
150

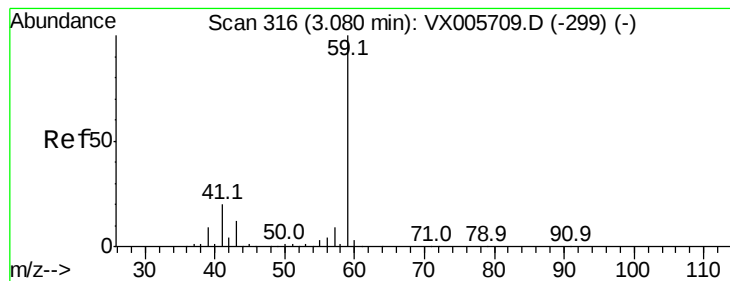
100

50

0

Time--> 2.50 2.51 2.52 2.53 2.54 2.55



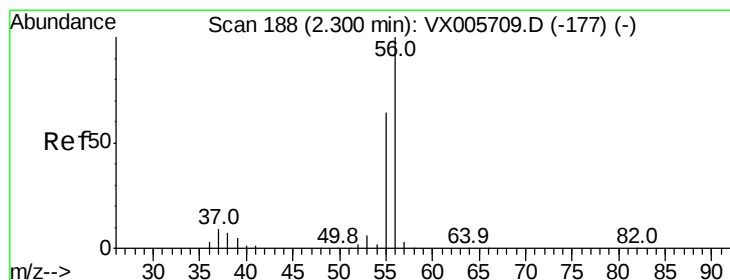
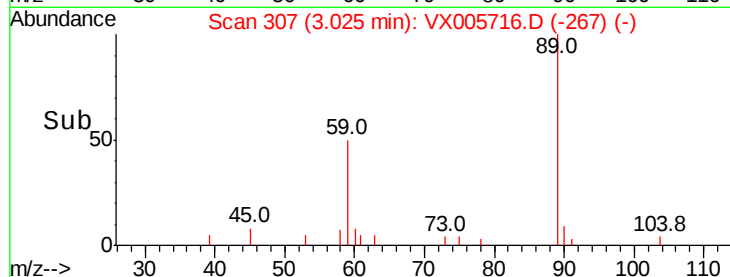
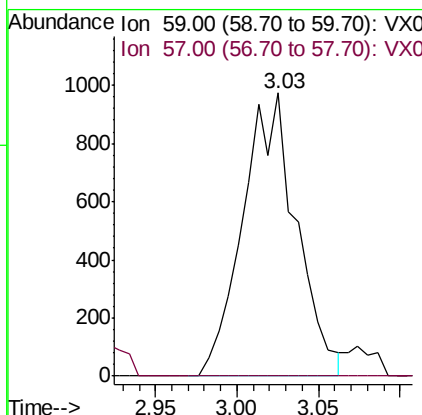
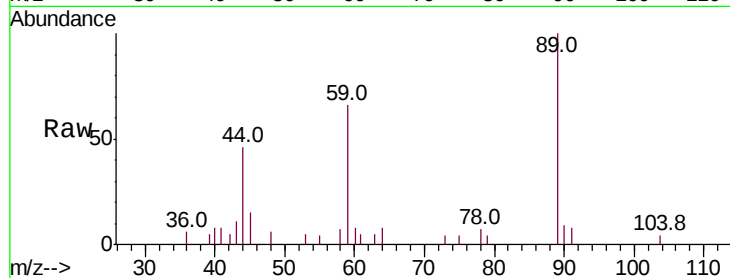


#11

Tert butyl alcohol
 Concen: 3.889 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.06 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

Instrument :
 MSVOA_X
 ClientSampleID :

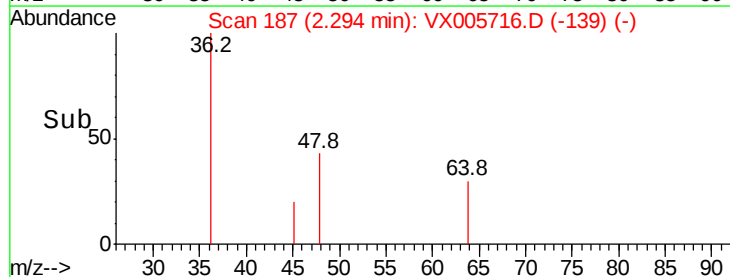
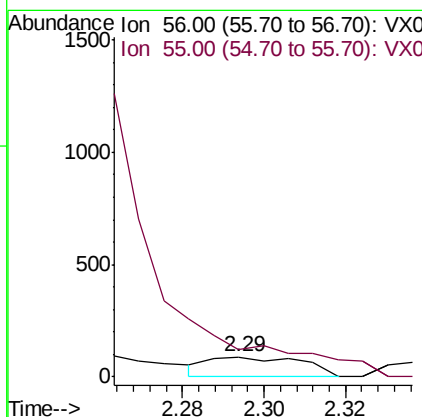
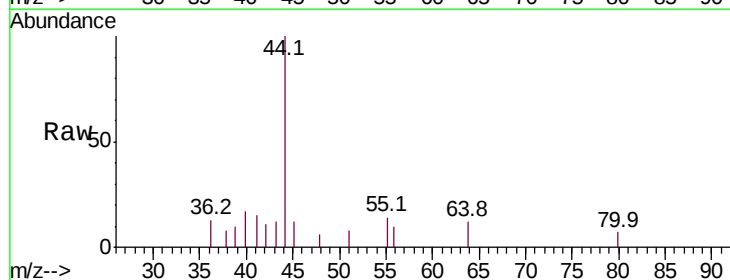
Tot Ion: 59 Resp: 2223
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

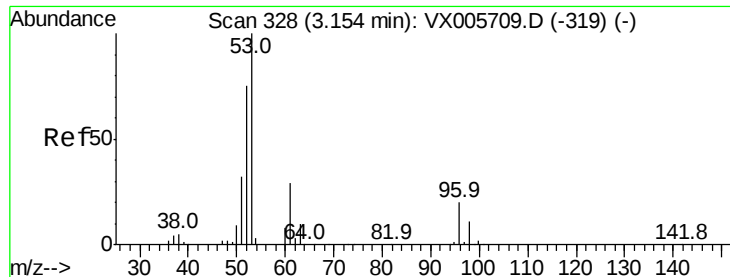


#13

Acrolein
 Concen: 12.508 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

Tgt Ion: 56 Resp: 140
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.3 85.9#





#15

Acrylonitrile

Concen: 0.784 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :
MSVOA_X
ClientSampleId :

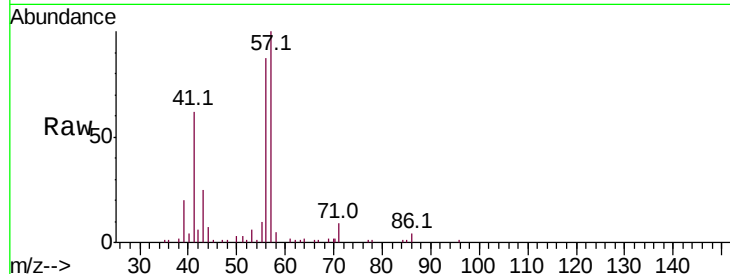
Tot Ion: 53 Resp: 986

Ion Ratio Lower Upper

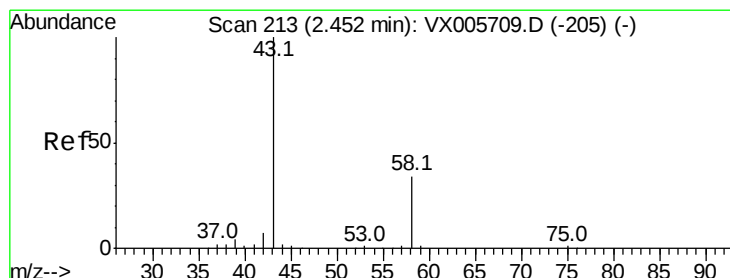
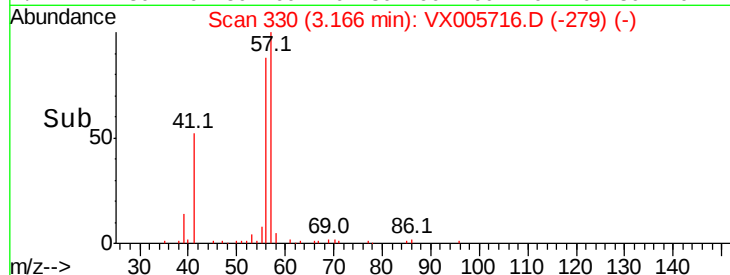
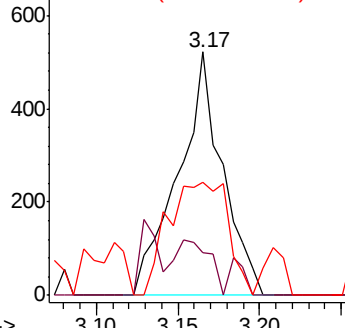
53 100

52 18.2 66.6 99.8#

51 63.0 28.4 42.6#



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: Below Cal

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005716.D

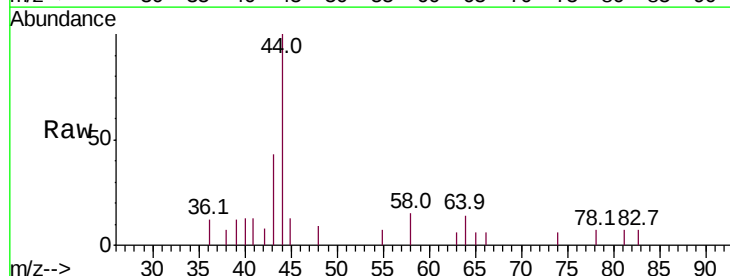
Acq: 31 Oct 2018 19:55

Tgt Ion: 43 Resp: 947

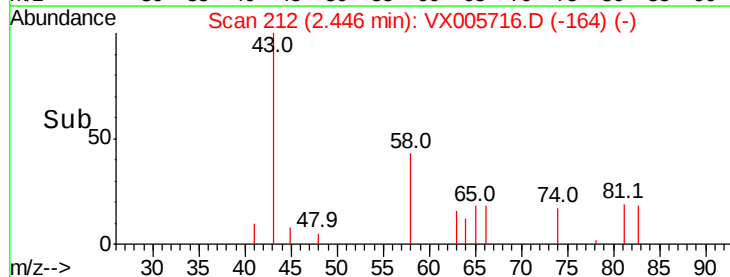
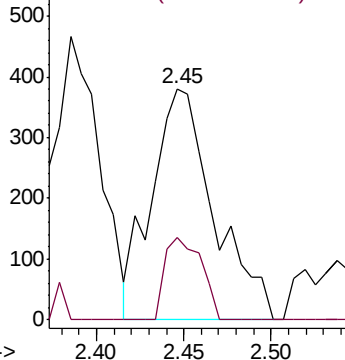
Ion Ratio Lower Upper

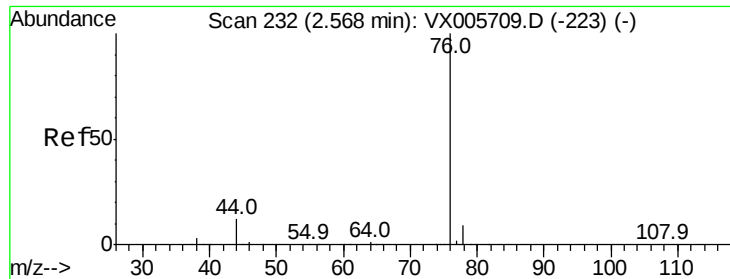
43 100

58 35.8 23.8 35.6#



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

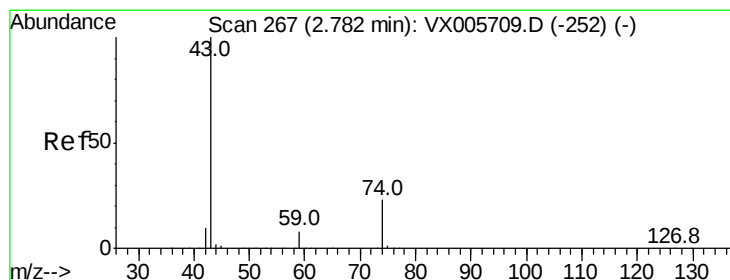
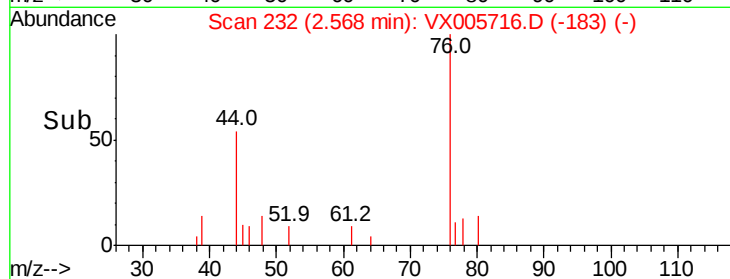
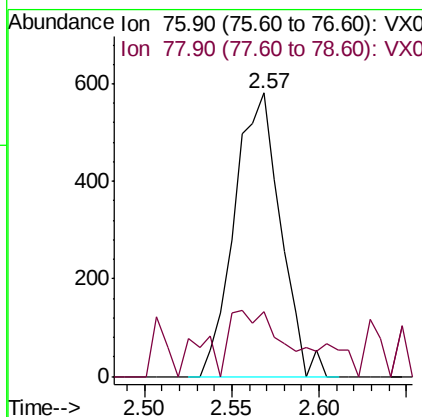
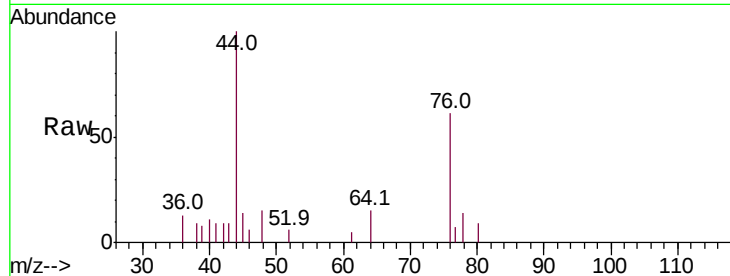




#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

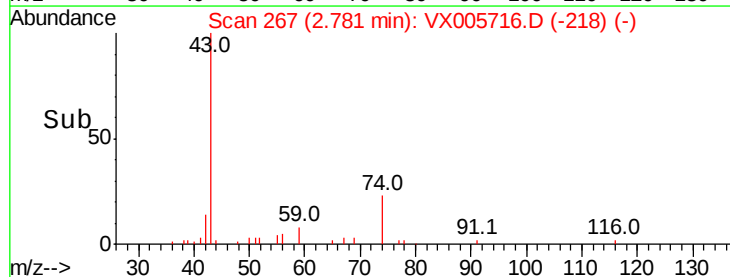
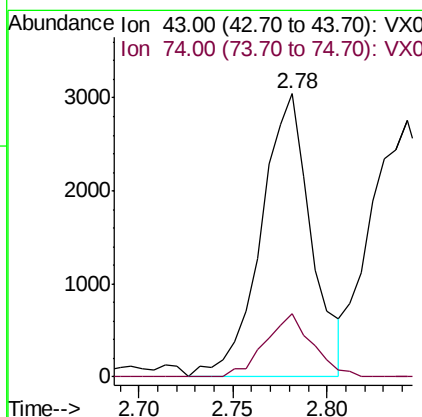
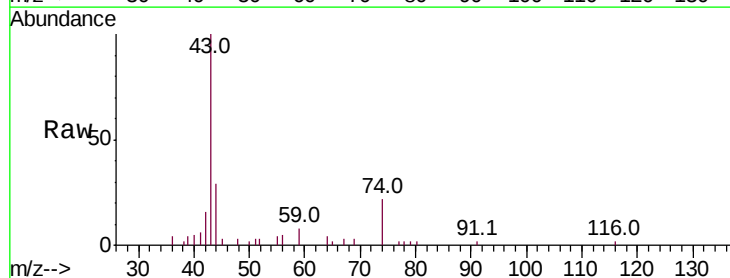
Instrument :
MSVOA_X
ClientSampleId :

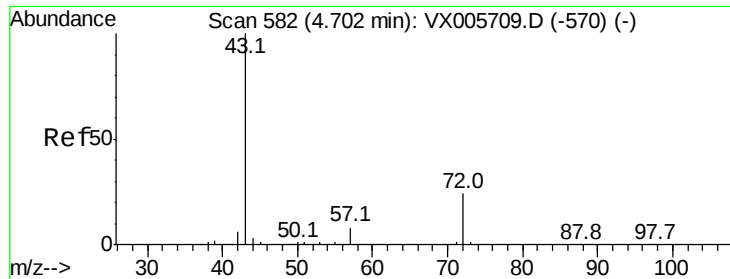
Tot Ion: 76 Resp: 1061
Ion Ratio Lower Upper
76 100
78 13.3 7.3 10.9#



#18
Methyl Acetate
Concen: 1.868 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

Tgt Ion: 43 Resp: 5642
Ion Ratio Lower Upper
43 100
74 20.9 16.8 25.2





#25

2-Butanone

Concen: 0.341 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

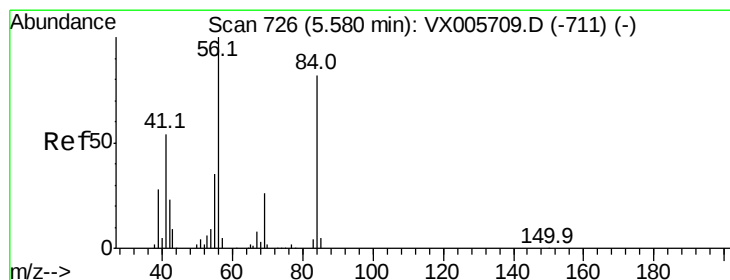
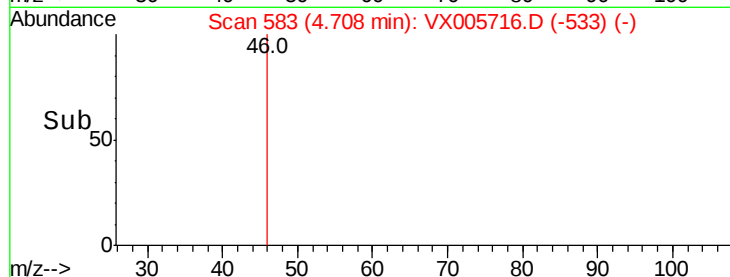
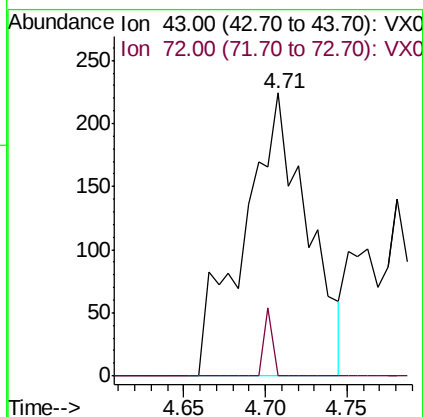
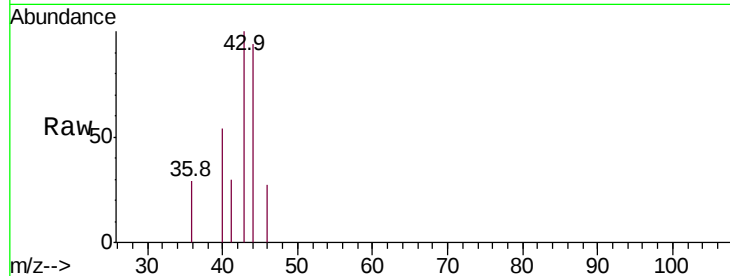
ClientSampled :

Tot Ion: 43 Resp: 606

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#



#31

Cyclohexane

Concen: 8.894 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

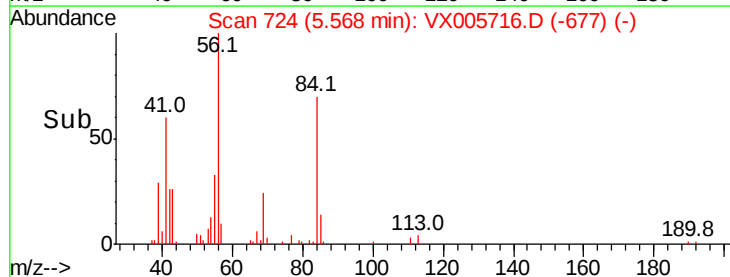
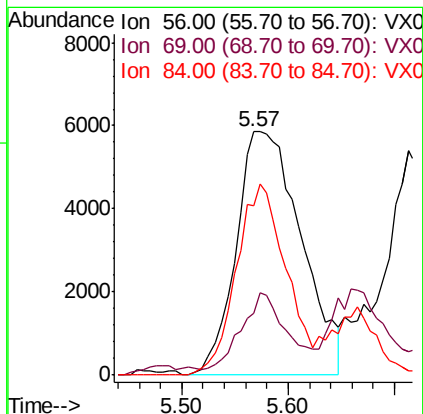
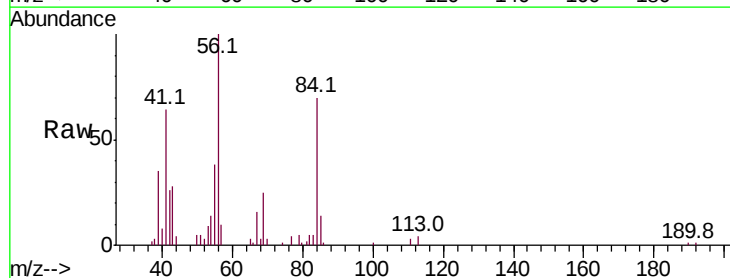
Tgt Ion: 56 Resp: 25014

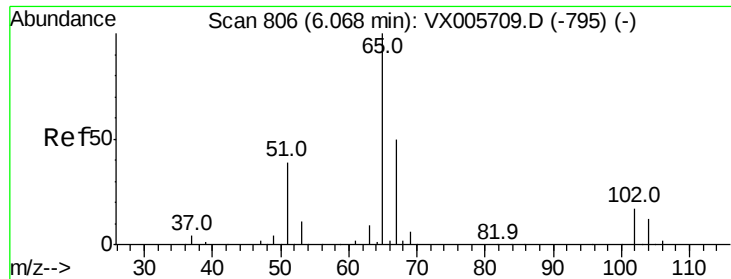
Ion Ratio Lower Upper

56 100

69 22.1 22.6 34.0#

84 69.7 62.7 94.1





#33

1,2-Dichloroethane-d4

Concen: 47.226 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

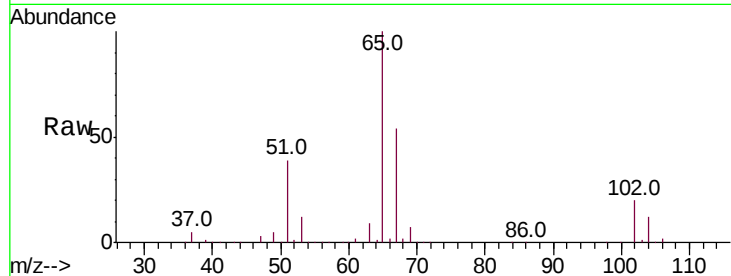
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 99405

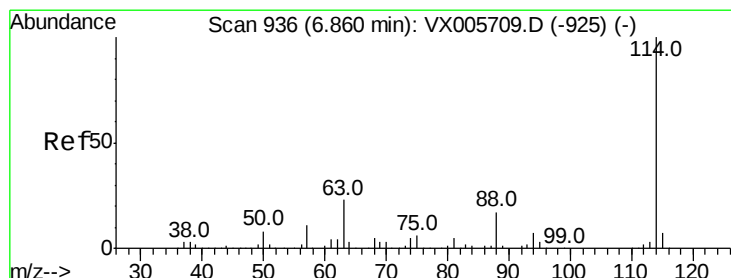
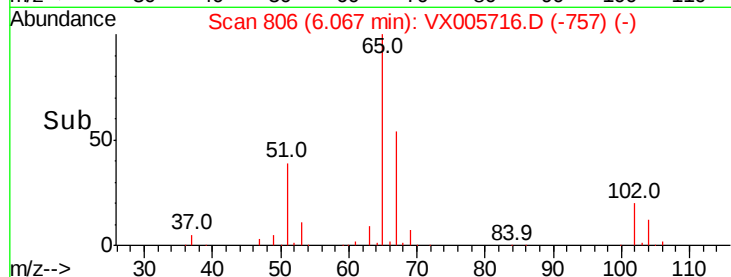
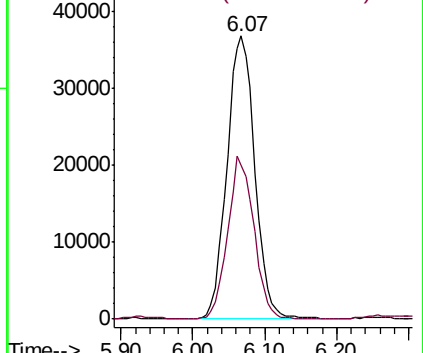
Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

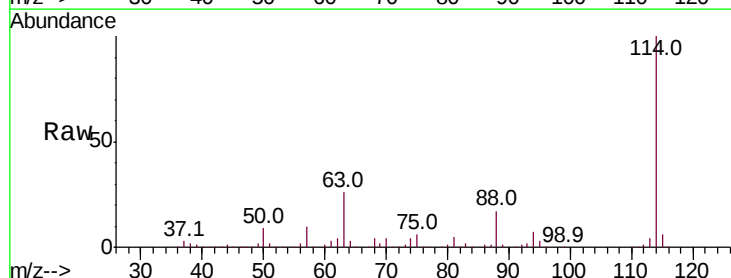
Tgt Ion:114 Resp: 223074

Ion Ratio Lower Upper

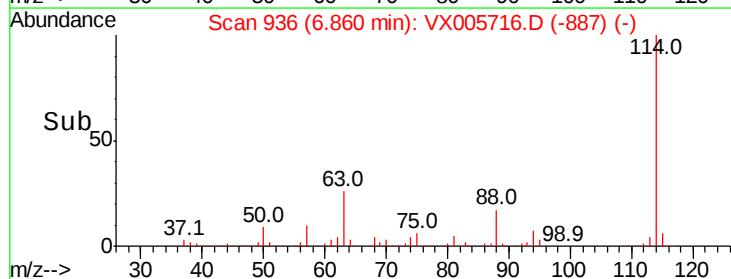
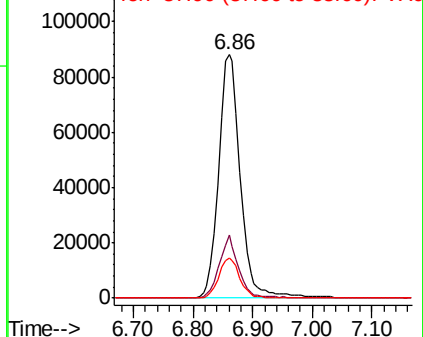
114 100

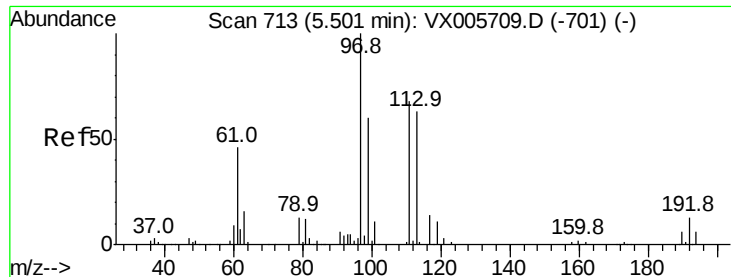
63 26.1 0.0 42.8

88 16.7 0.0 31.2



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

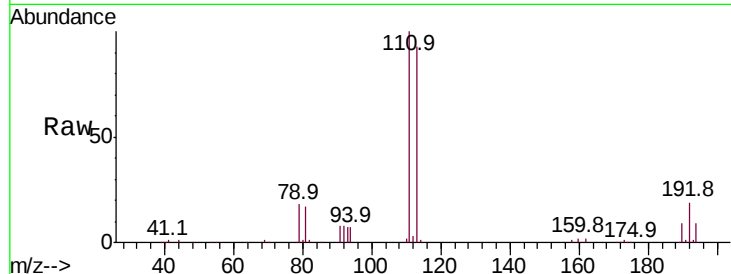




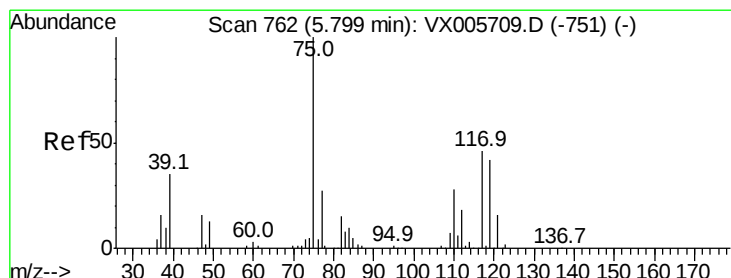
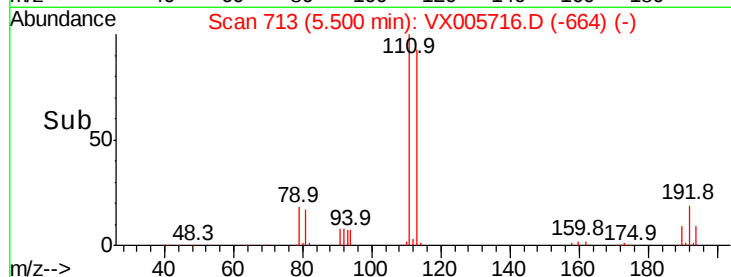
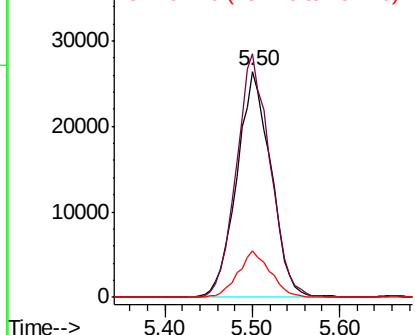
#35
 Dibromofluoromethane
 Concen: 46.567 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 71926
 Ion Ratio Lower Upper
 113 100
 111 106.6 82.3 123.5
 192 19.6 17.9 26.9

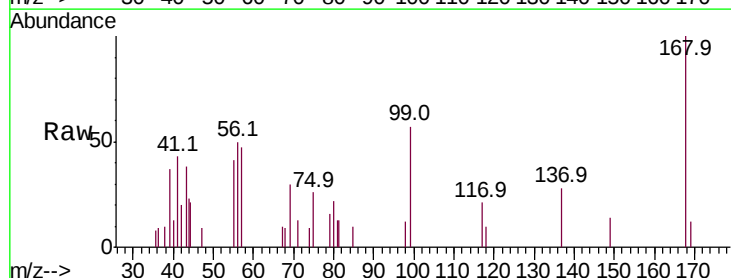


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

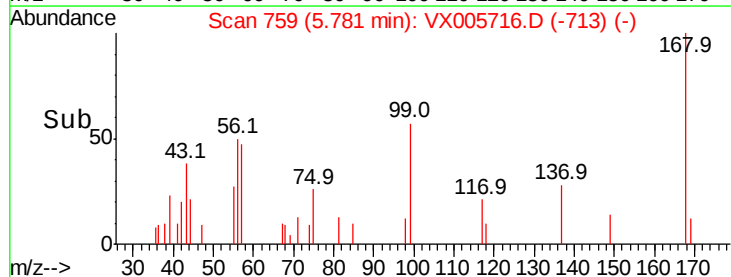
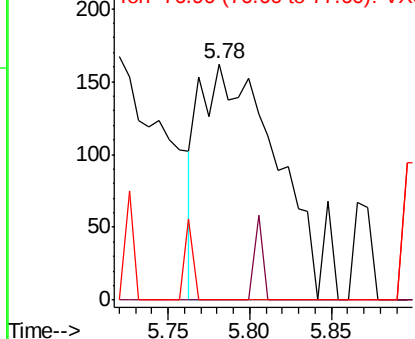


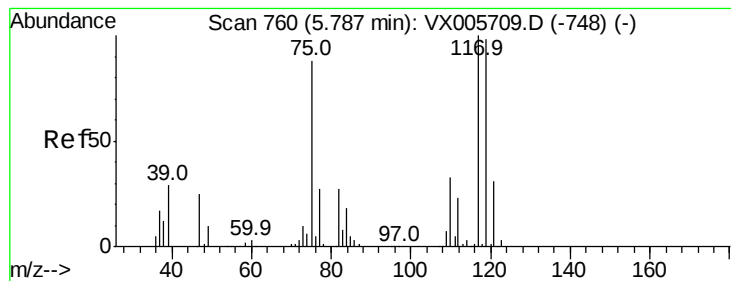
#36
 1,1-Dichloropropene
 Concen: 0.228 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

Tgt Ion: 75 Resp: 542
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.2#
 77 3.7 25.8 38.6#



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





#38

Carbon Tetrachloride

Concen: 6.525 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

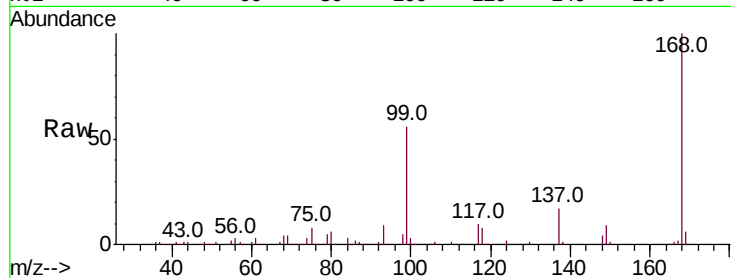
Tot Ion:117 Resp: 14010

Ion Ratio Lower Upper

117 100

119 4.2 78.1 117.1#

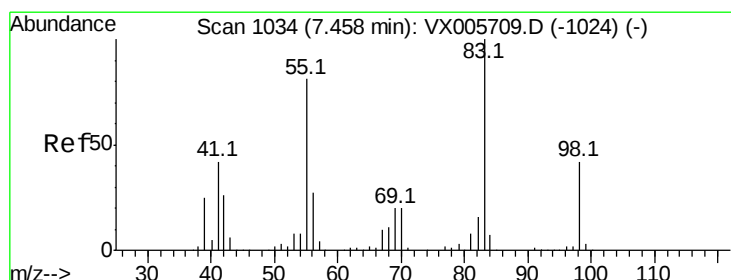
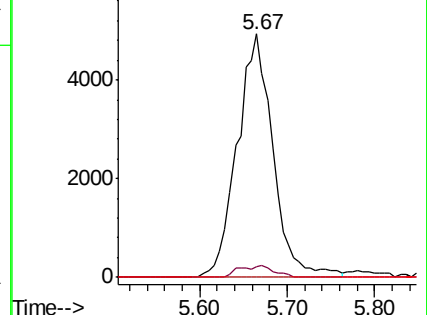
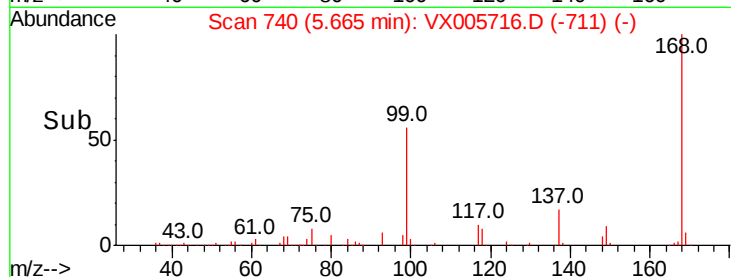
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 33.377 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

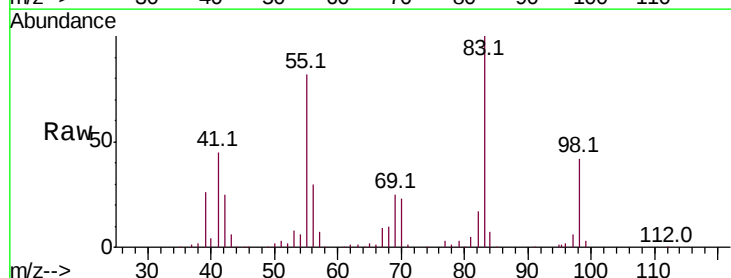
Tgt Ion: 83 Resp: 82730

Ion Ratio Lower Upper

83 100

55 82.0 63.7 95.5

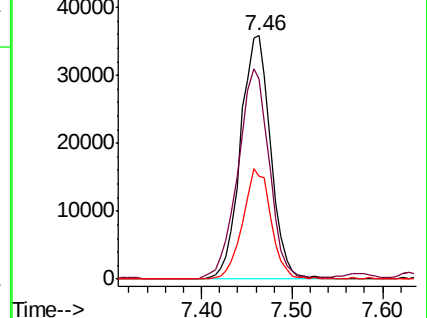
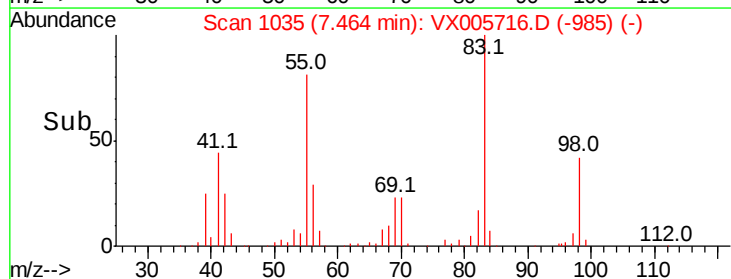
98 42.4 36.2 54.2

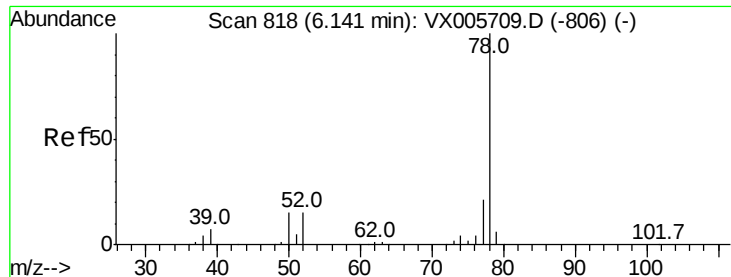


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.640 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

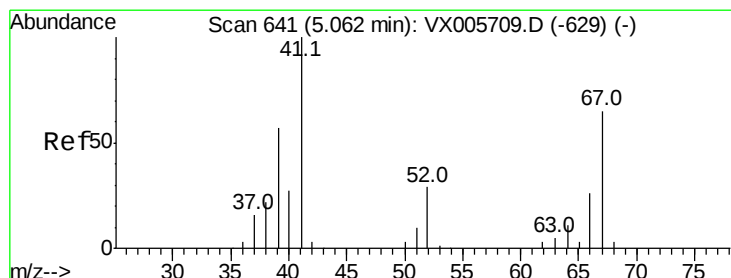
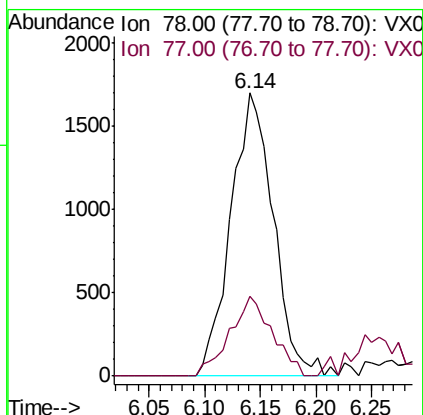
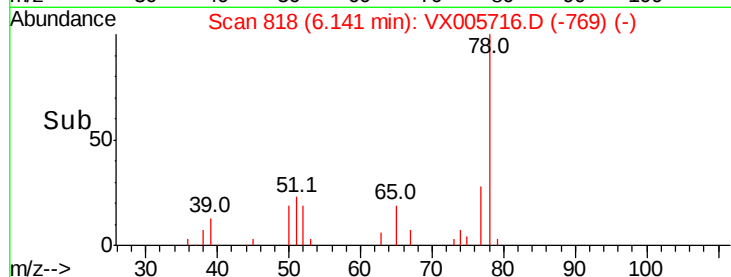
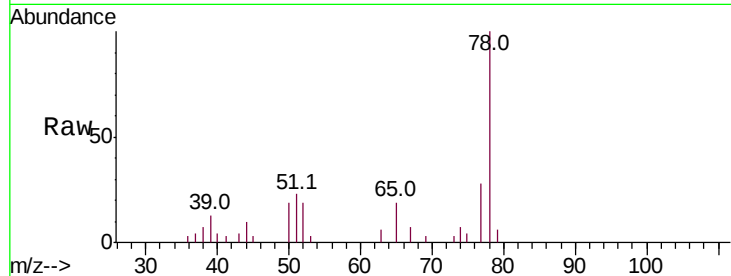
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 4527

Ion Ratio Lower Upper

78 100

77 28.0 18.4 27.6#



#41

Methacrylonitrile

Concen: 0.220 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Tgt Ion: 41 Resp: 361

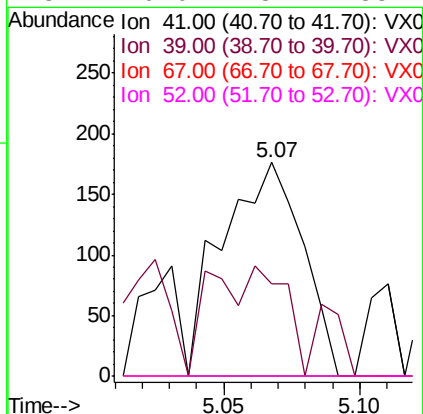
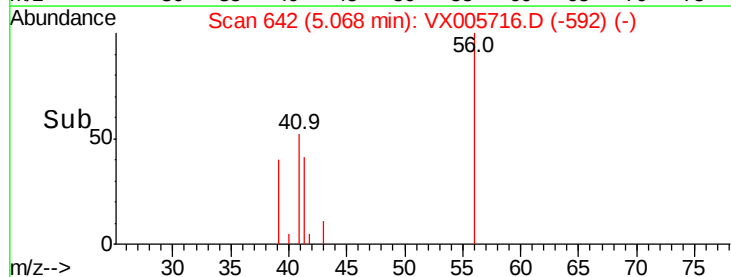
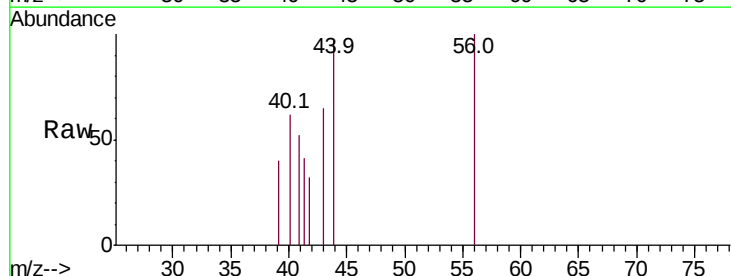
Ion Ratio Lower Upper

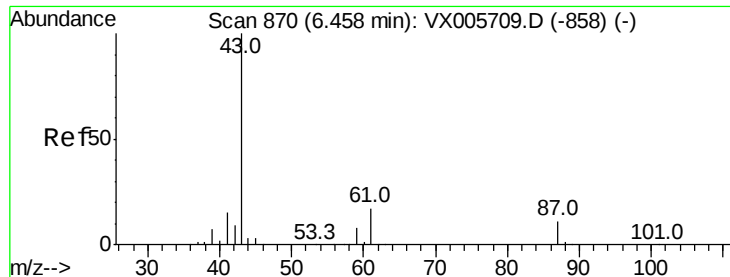
41 100

39 0.0 42.2 63.2#

67 0.0 53.4 80.0#

52 0.0 23.4 35.2#





#43

Isopropyl Acetate

Concen: 0.647 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

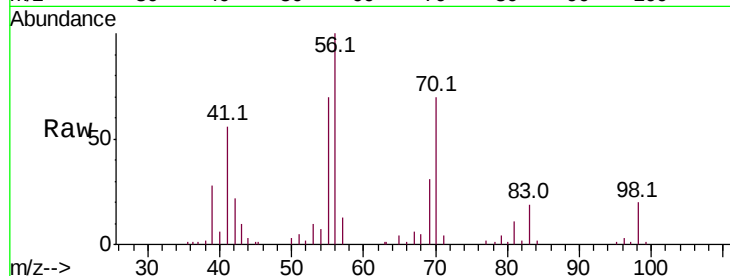
Tot Ion: 43 Resp: 2848

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

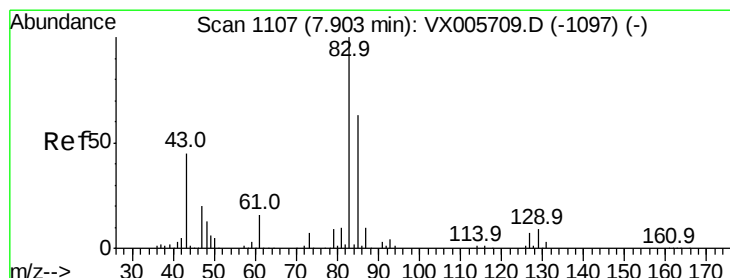
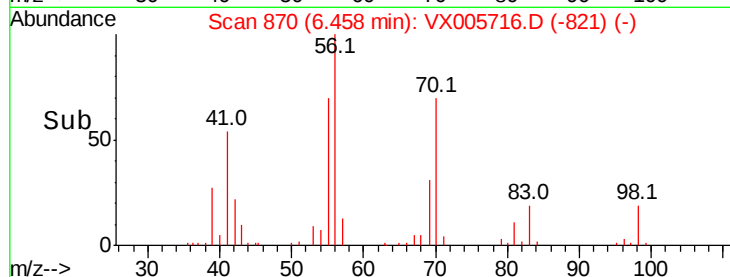
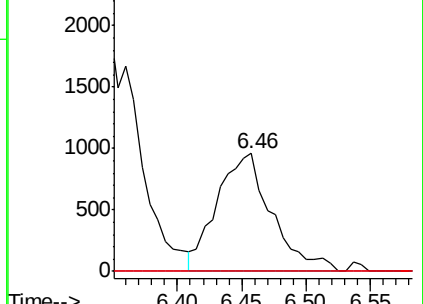
87 0.0 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#47

Bromodichloromethane

Concen: 0.770 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.06 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

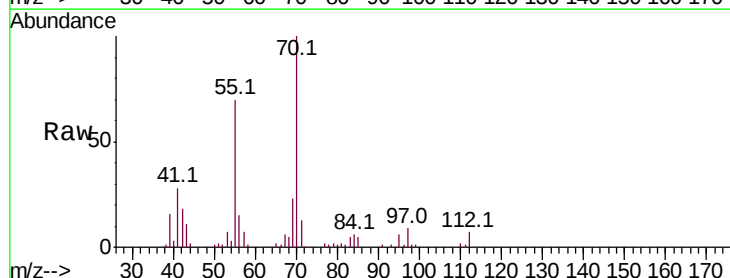
Tgt Ion: 83 Resp: 1672

Ion Ratio Lower Upper

83 100

85 95.5 50.2 75.4#

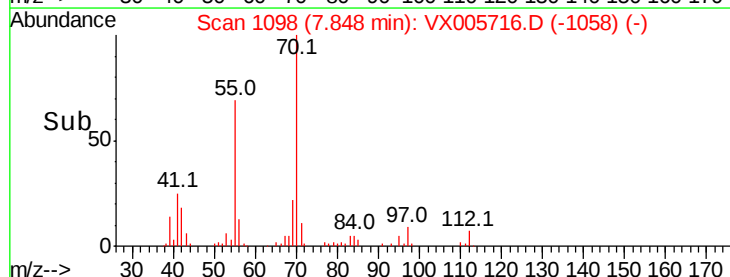
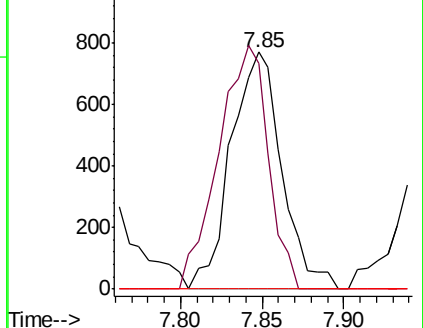
127 0.0 6.9 10.3#

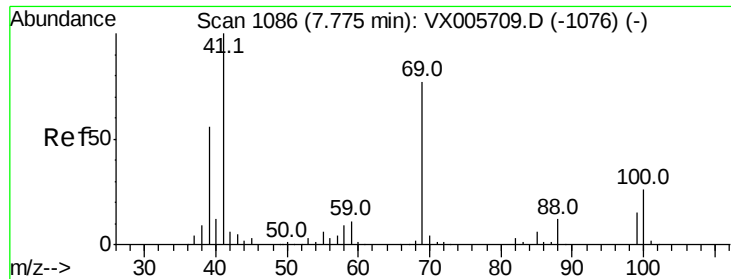


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

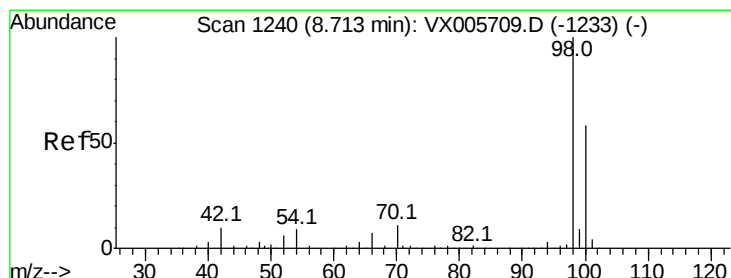
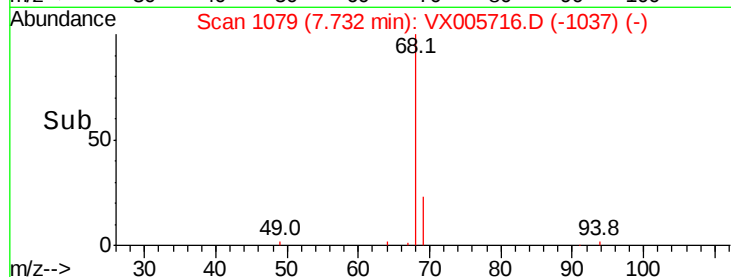
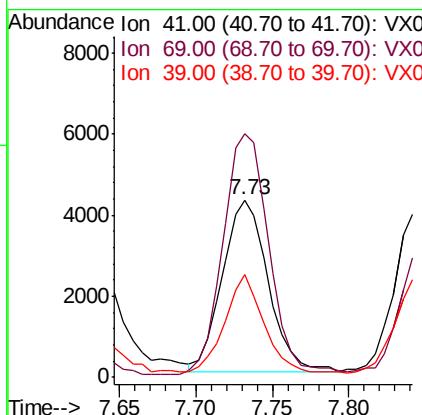
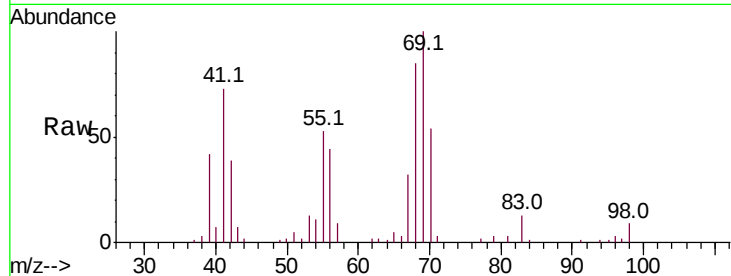




#48
Methyl methacrylate
Concen: 4.118 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

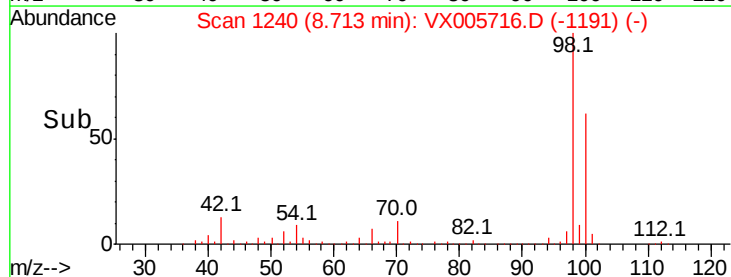
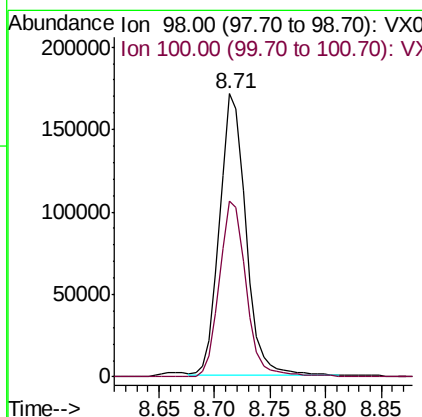
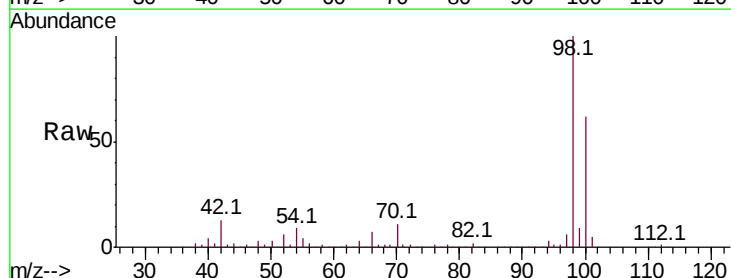
Instrument :
MSVOA_X
ClientSampleId :

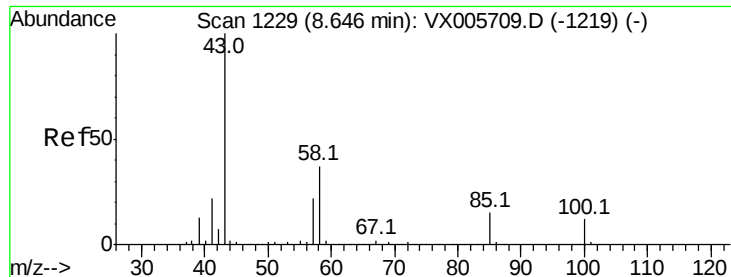
Tot Ion: 41 Resp: 8772
Ion Ratio Lower Upper
41 100
69 144.0 63.2 94.8#
39 47.6 42.2 63.2



#50
Toluene-d8
Concen: 51.901 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

Tgt Ion: 98 Resp: 281164
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 3.297 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

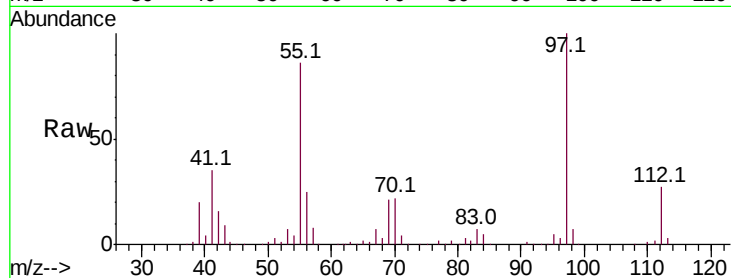
ClientSampled :

Tot Ion: 43 Resp: 9895

Ion Ratio Lower Upper

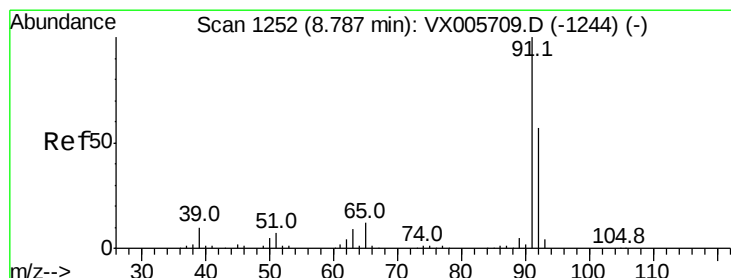
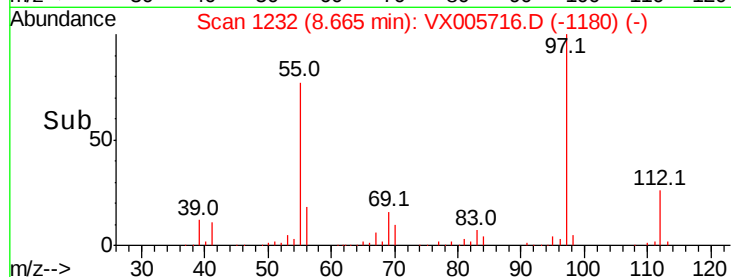
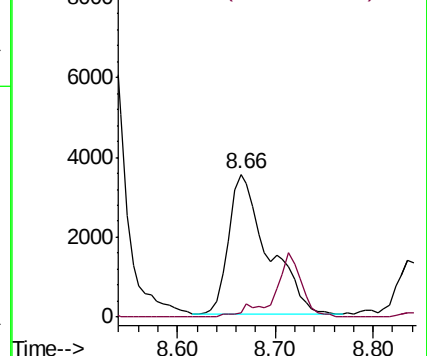
43 100

58 5.2 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.481 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005716.D

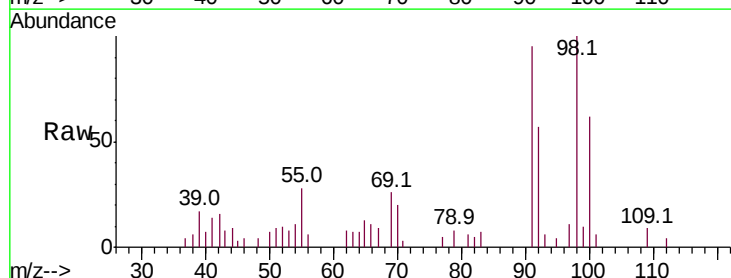
Acq: 31 Oct 2018 19:55

Tgt Ion: 92 Resp: 1840

Ion Ratio Lower Upper

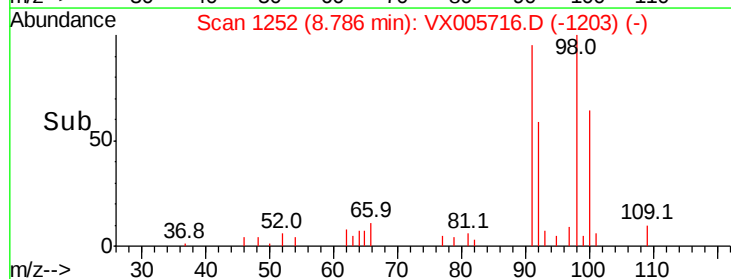
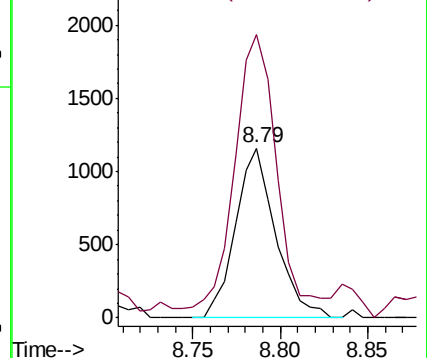
92 100

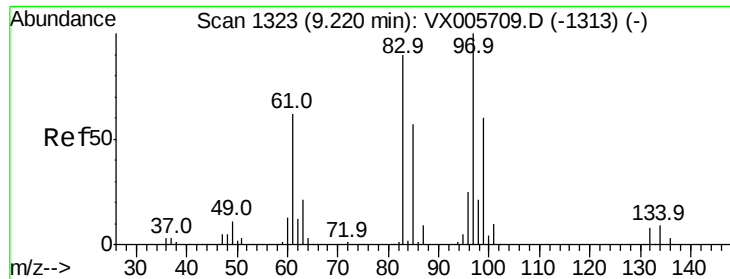
91 163.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

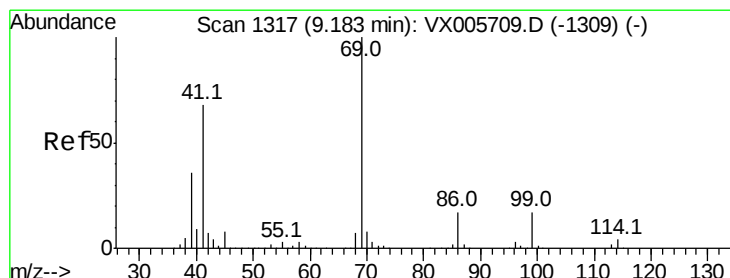
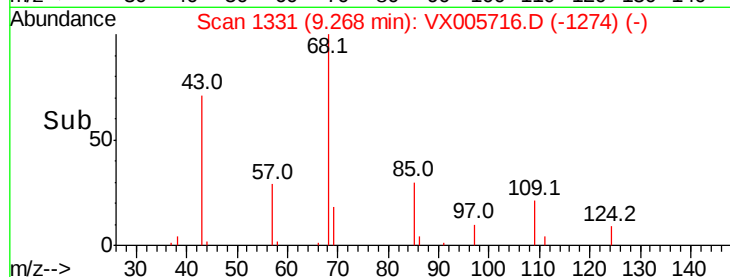
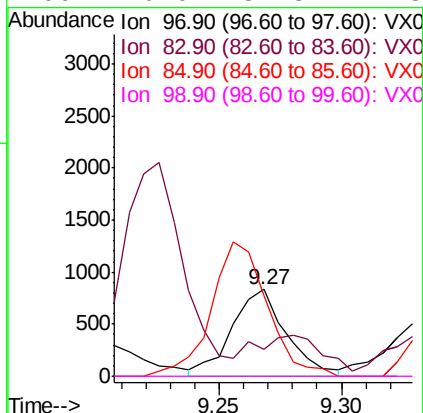
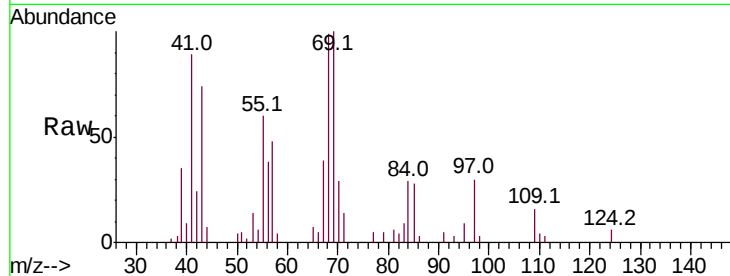




#55
1,1,2-Trichloroethane
Concen: 0.778 ug/l
RT: 9.27 min Scan# 1331
Delta R.T. 0.05 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

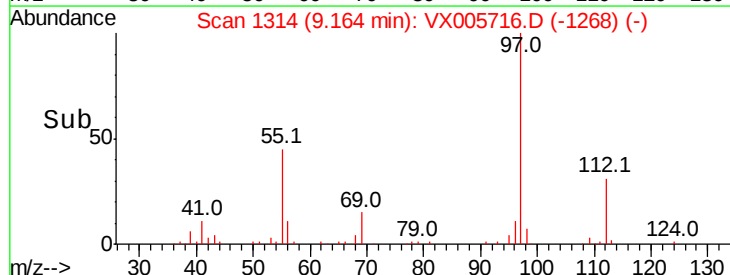
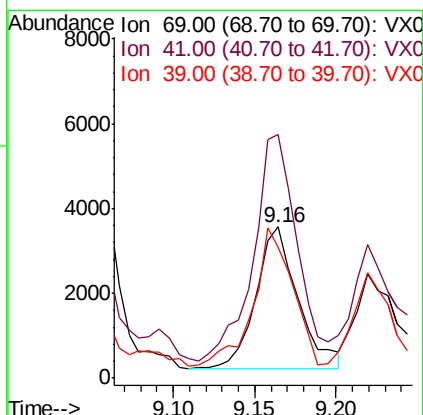
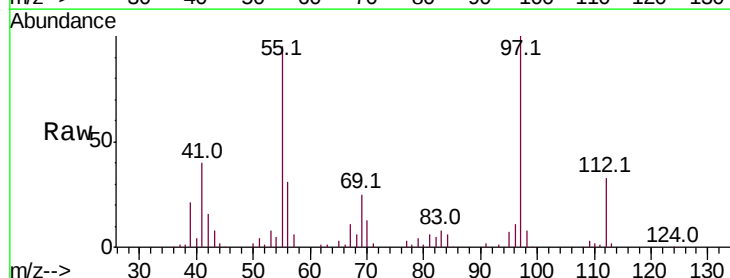
Instrument :
MSVOA_X
ClientSampleId :

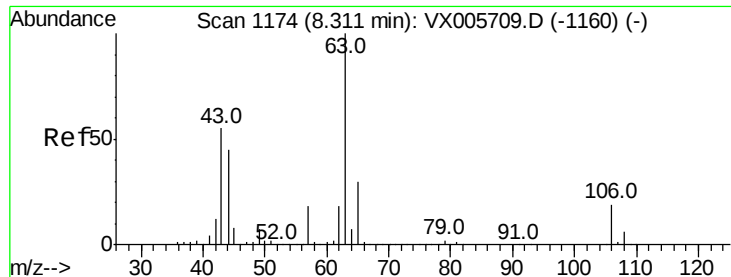
Tot Ion: 97 Resp: 1292
Ion Ratio Lower Upper
97 100
83 10.9 70.7 106.1#
85 99.6 45.8 68.6#
99 0.0 51.8 77.8#



#56
Ethyl methacrylate
Concen: 4.490 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.02 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

Tgt Ion: 69 Resp: 5988
Ion Ratio Lower Upper
69 100
41 165.1 57.0 85.6#
39 91.2 28.3 42.5#





#58

2-Chloroethyl Vinyl ether

Concen: 10.446 ug/l

RT: 8.33 min Scan# 1177

Delta R.T. 0.02 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

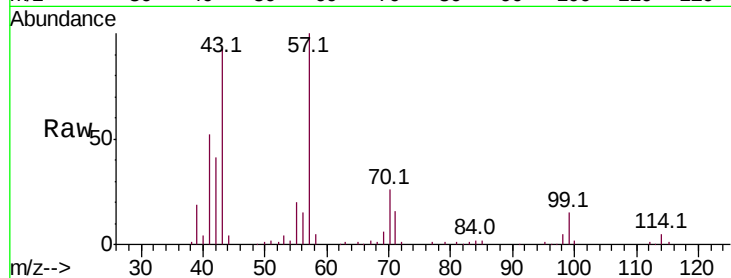
ClientSampleId :

Tot Ion: 63 Resp: 181

Ion Ratio Lower Upper

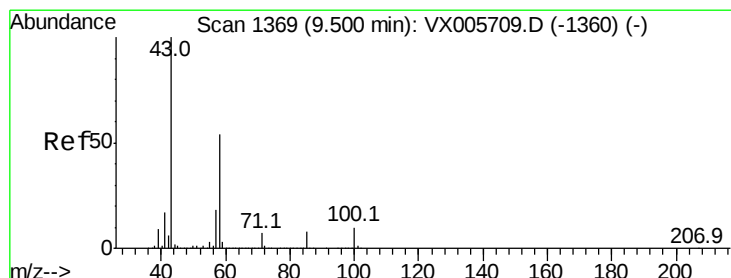
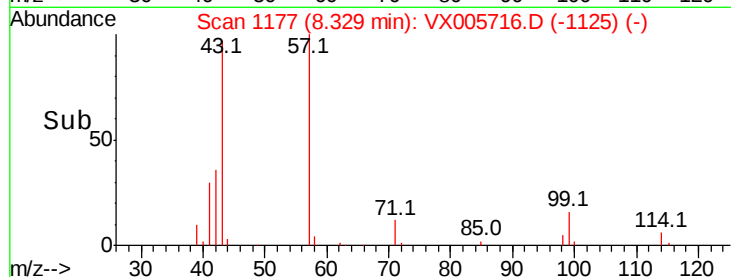
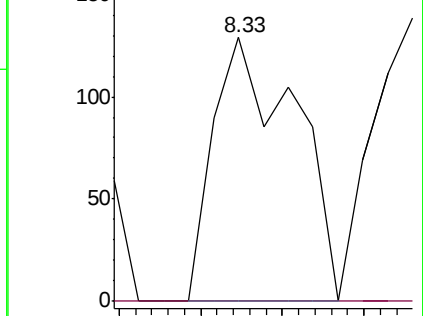
63 100

106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 15.855 ug/l

RT: 9.44 min Scan# 1360

Delta R.T. -0.06 min

Lab File: VX005716.D

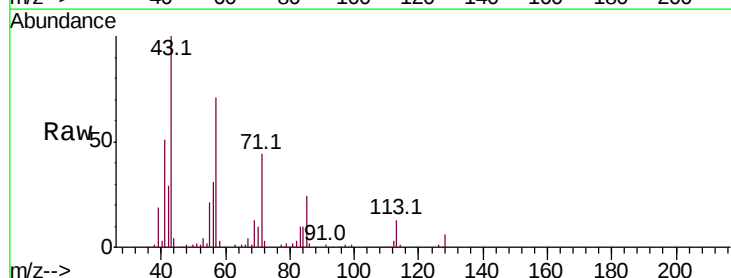
Acq: 31 Oct 2018 19:55

Tgt Ion: 43 Resp: 38718

Ion Ratio Lower Upper

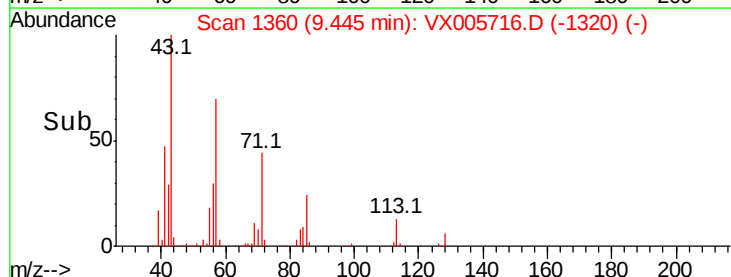
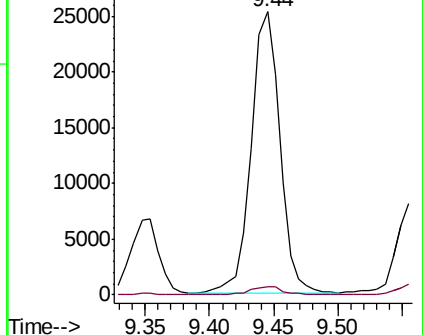
43 100

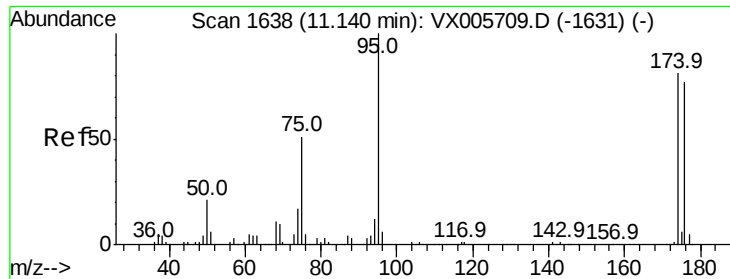
58 3.5 25.9 77.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

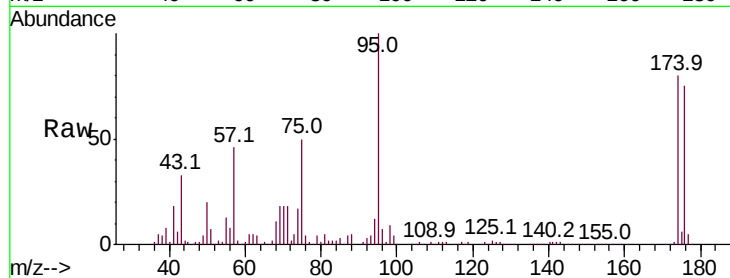




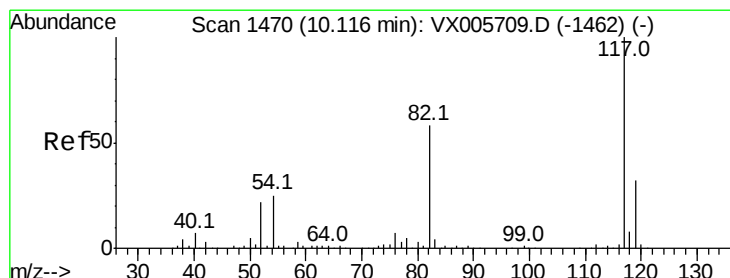
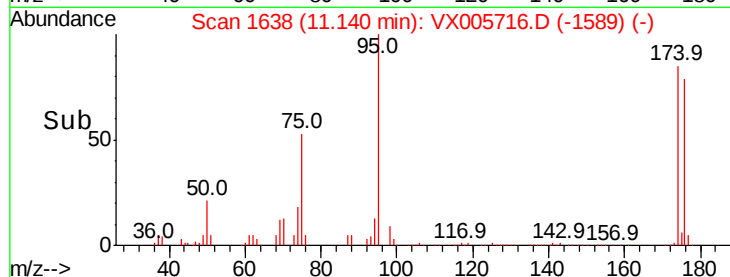
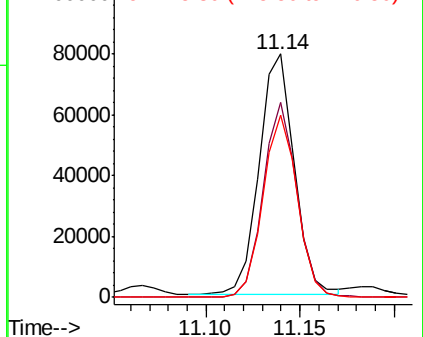
#62
4-Bromofluorobenzene
Concen: 51.510 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 102988
Ion Ratio Lower Upper
95 100
174 77.2 0.0 184.4
176 73.9 0.0 177.4

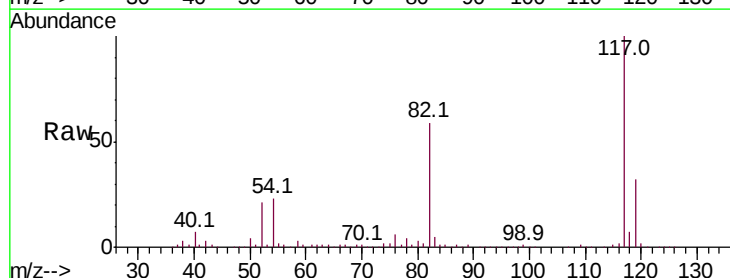


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

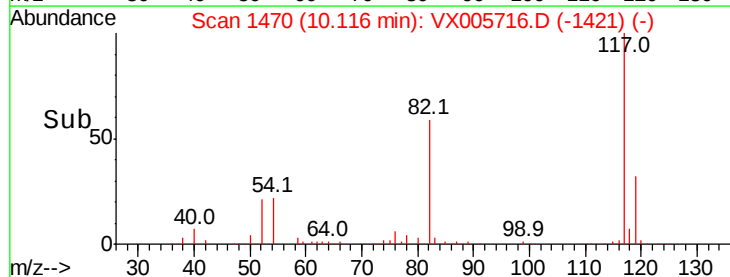
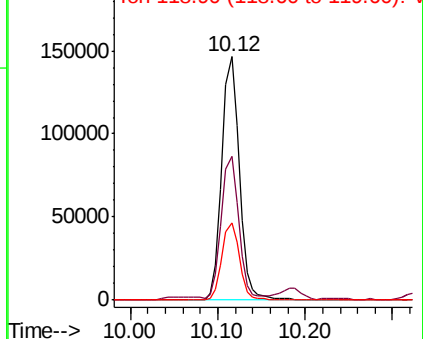


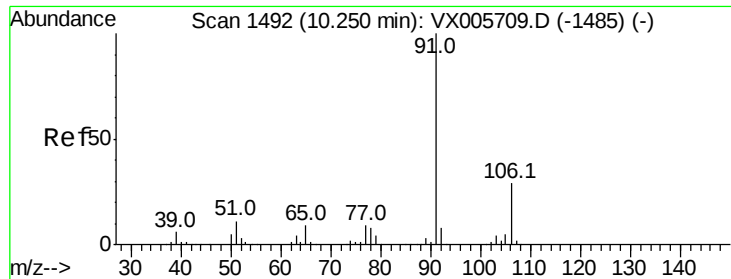
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

Tgt Ion: 117 Resp: 204255
Ion Ratio Lower Upper
117 100
82 58.3 44.1 66.1
119 31.8 26.2 39.2



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

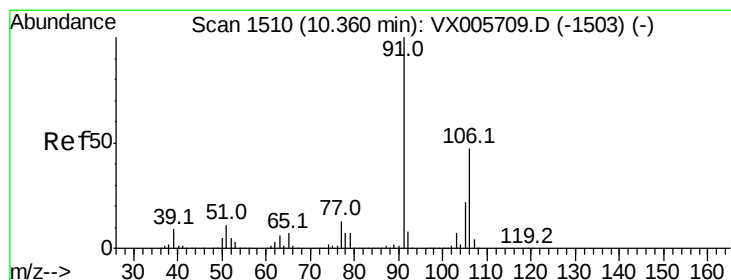
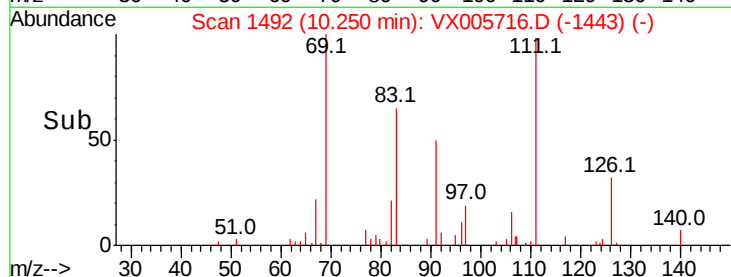
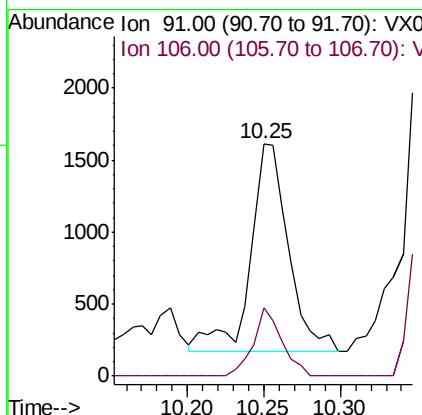
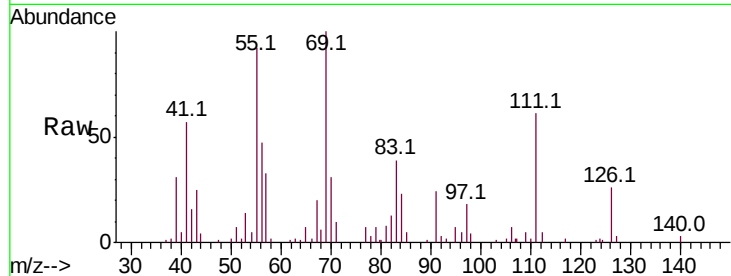




#67
Ethyl Benzene
Concen: 0.341 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

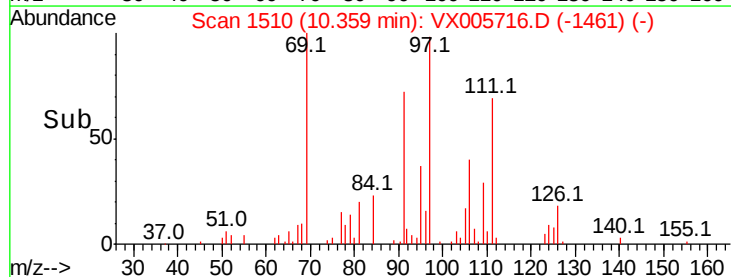
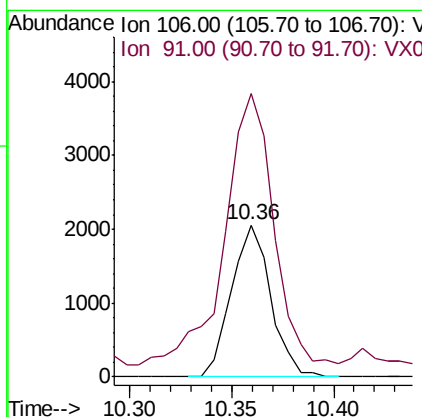
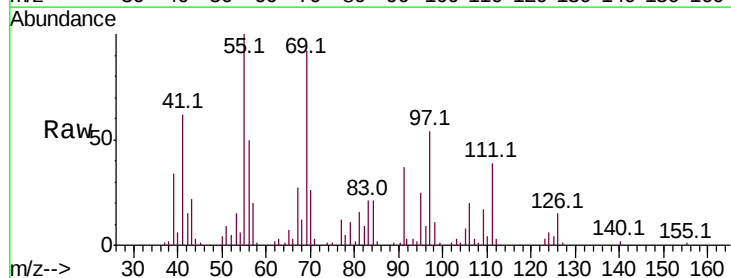
Instrument :
MSVOA_X
ClientSampled :

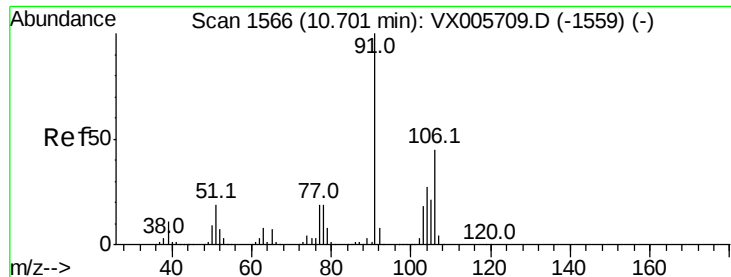
Tot Ion: 91 Resp: 2523
Ion Ratio Lower Upper
91 100
106 32.5 24.4 36.6



#68
m/p-Xylenes
Concen: 0.995 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

Tgt Ion: 106 Resp: 2739
Ion Ratio Lower Upper
106 100
91 228.5 164.2 246.4

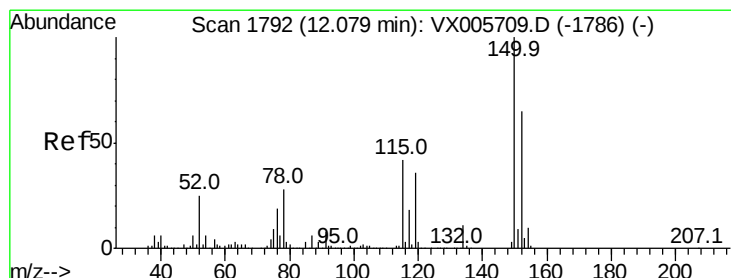
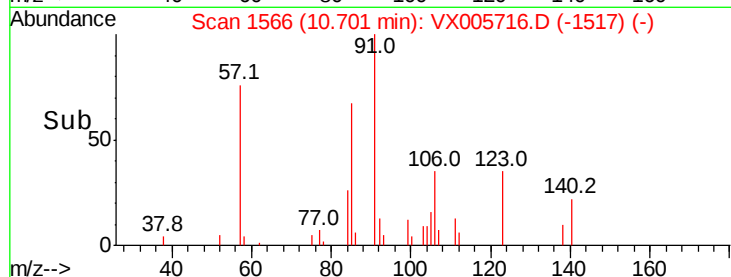
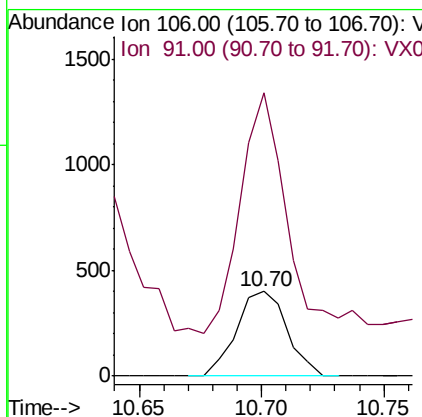
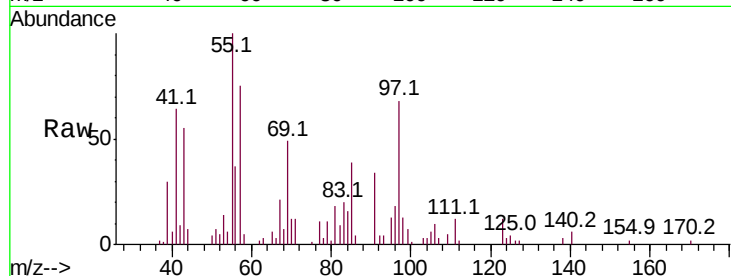




#69
o-Xylene
Concen: 0.219 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

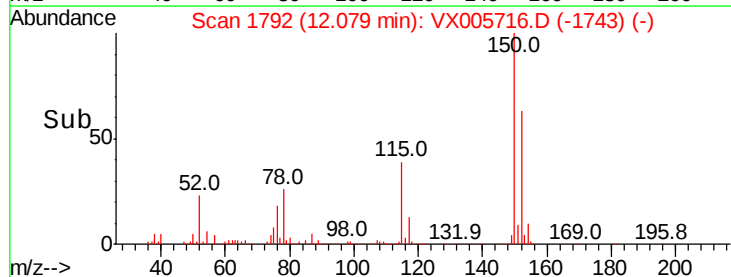
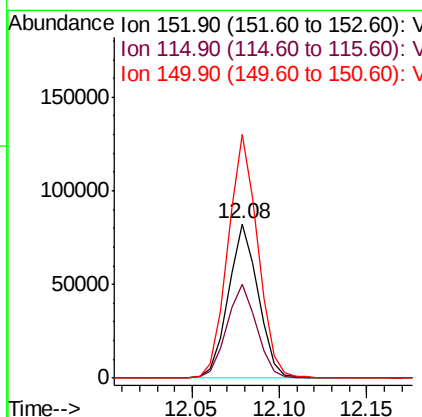
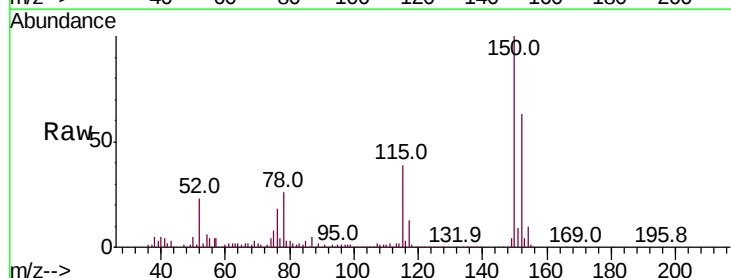
Instrument :
MSVOA_X
ClientSampled :

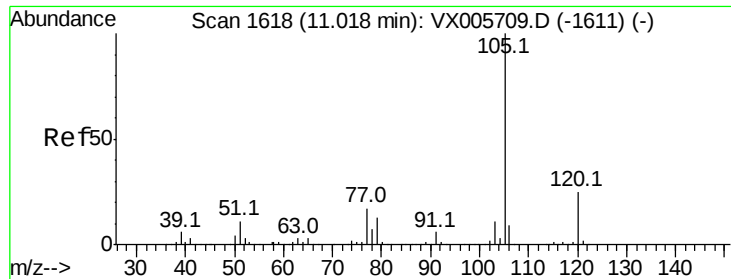
Tot Ion:106 Resp: 577
Ion Ratio Lower Upper
106 100
91 265.5 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005716.D
Acq: 31 Oct 2018 19:55

Tgt Ion:152 Resp: 97397
Ion Ratio Lower Upper
152 100
115 61.2 39.4 118.1
150 157.8 0.0 346.4





#73

Isopropylbenzene

Concen: 2.198 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

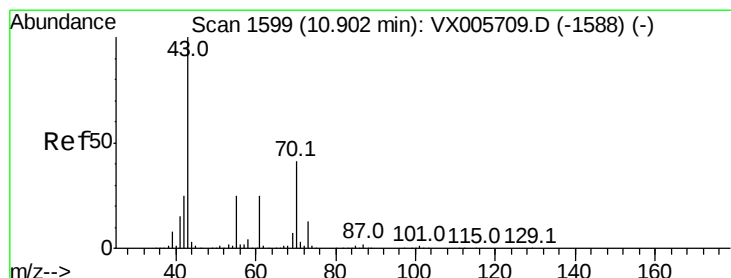
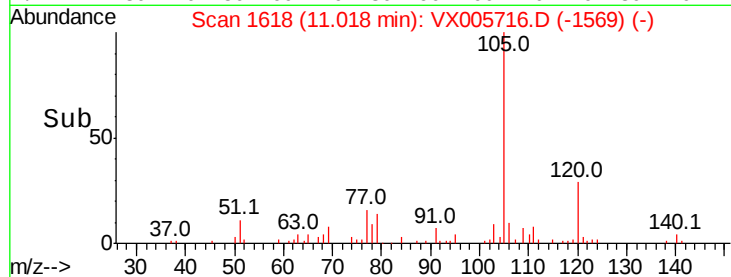
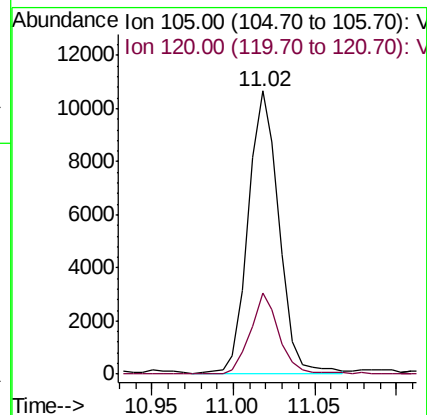
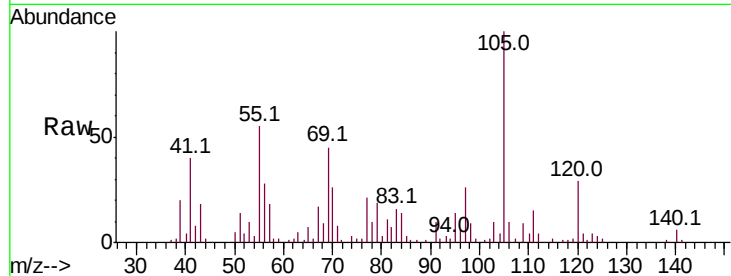
ClientSampleId :

Tot Ion:105 Resp: 14122

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.3



#74

N-ethyl acetate

Concen: 3.973 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Tgt Ion: 43 Resp: 13591

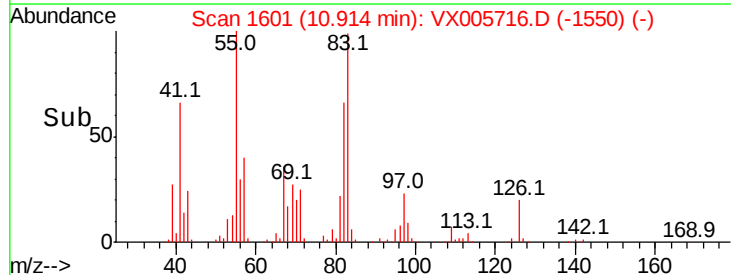
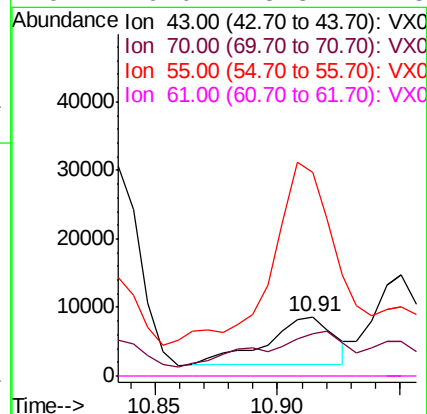
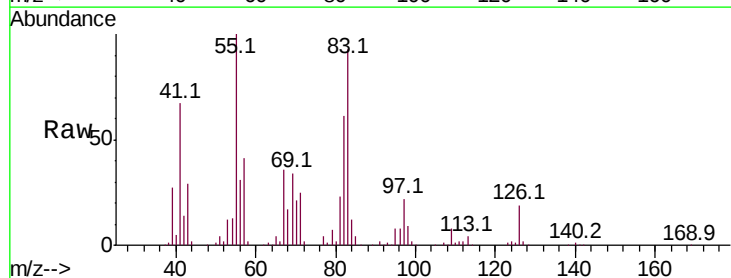
Ion Ratio Lower Upper

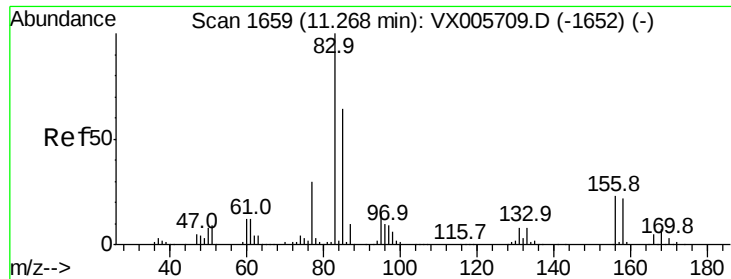
43 100

70 93.4 31.6 47.4#

55 328.7 19.7 29.5#

61 0.0 18.3 27.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.587 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

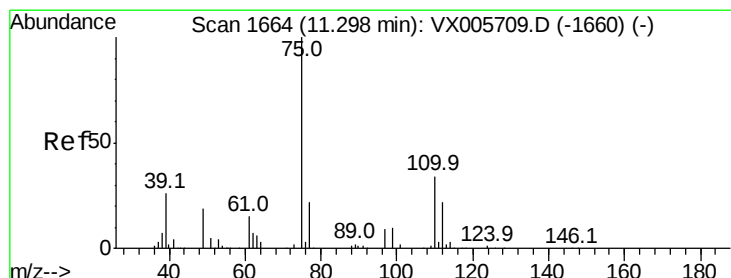
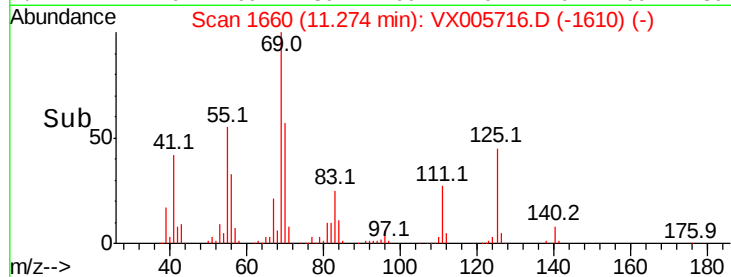
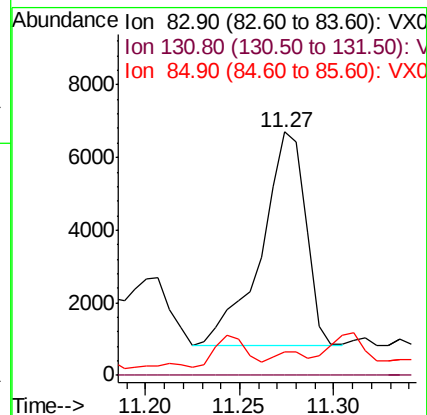
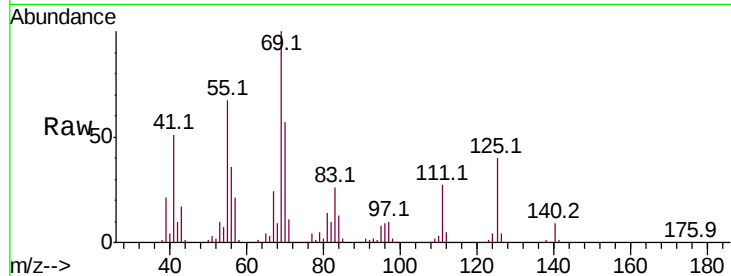
Tot Ion: 83 Resp: 9562

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 3.3 32.0 96.2#



#76

1,2,3-Trichloropropane

Concen: 21.960 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005716.D

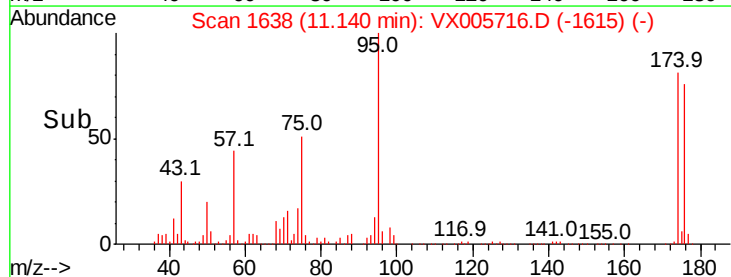
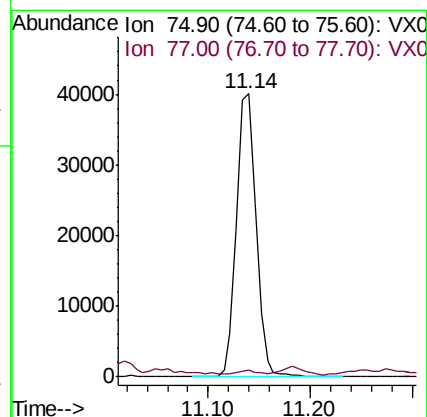
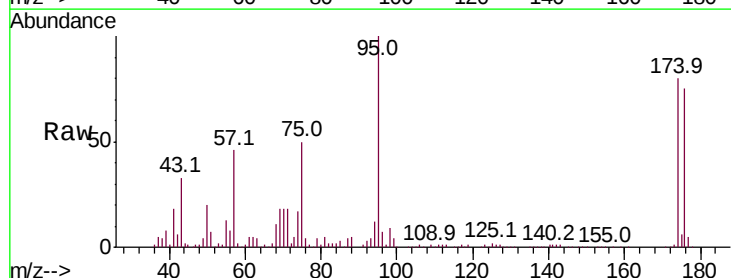
Acq: 31 Oct 2018 19:55

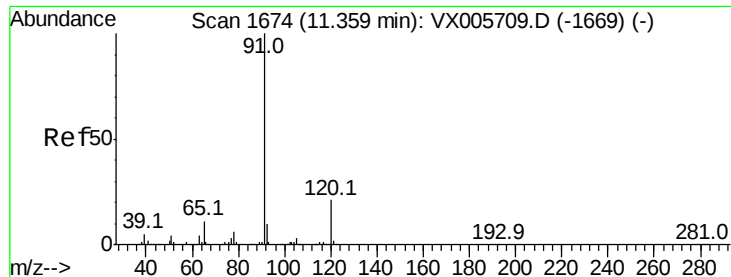
Tgt Ion: 75 Resp: 53270

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.6#





#78

n-propylbenzene

Concen: 3.387 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

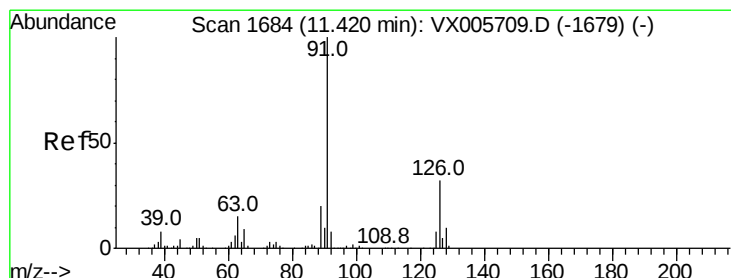
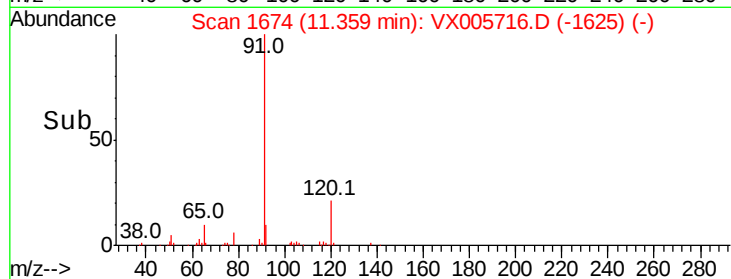
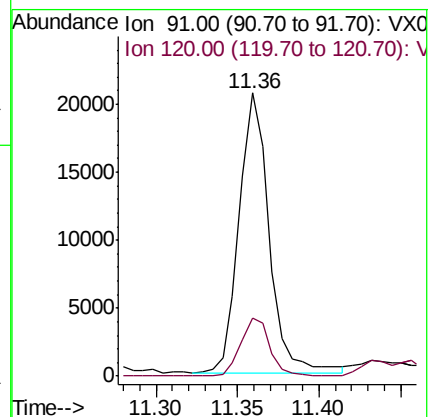
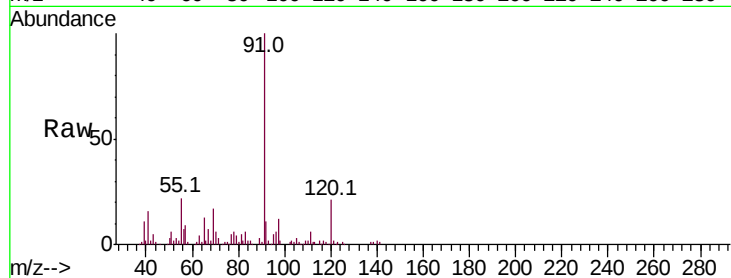
ClientSampleId :

Tot Ion: 91 Resp: 26476

Ion Ratio Lower Upper

91 100

120 20.1 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.227 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.25 min

Lab File: VX005716.D

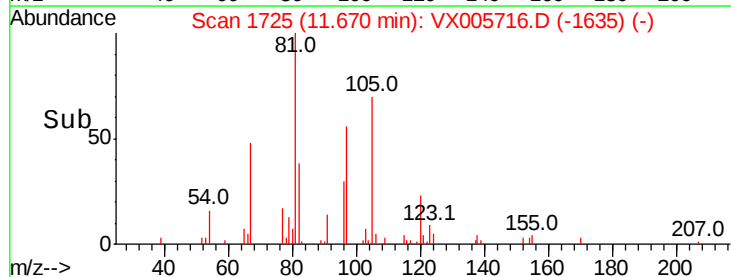
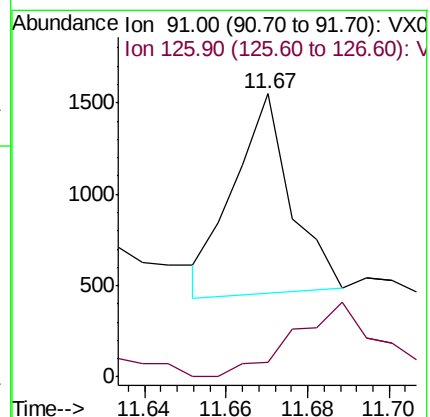
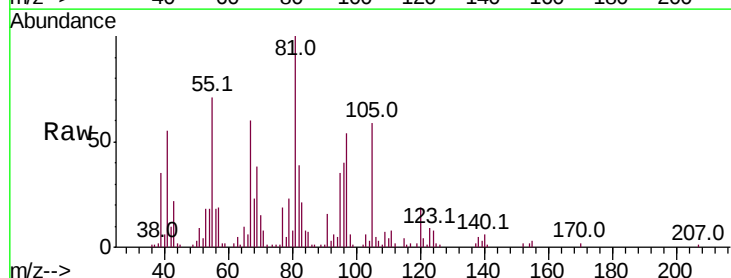
Acq: 31 Oct 2018 19:55

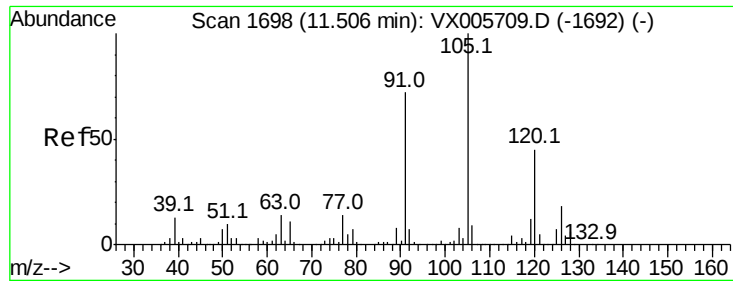
Tgt Ion: 91 Resp: 1062

Ion Ratio Lower Upper

91 100

126 45.3 17.3 52.0

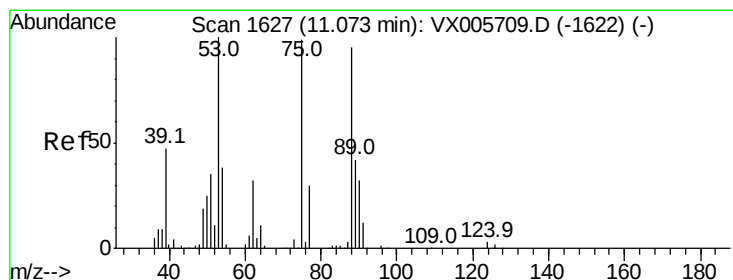
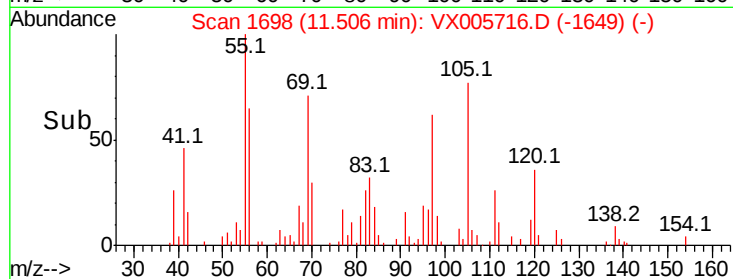
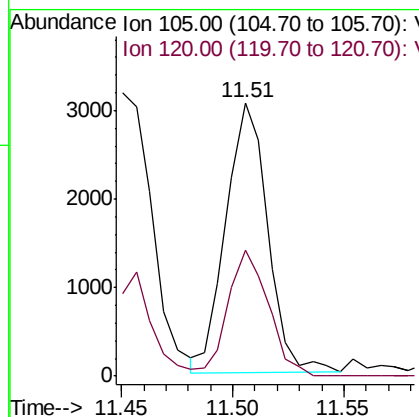
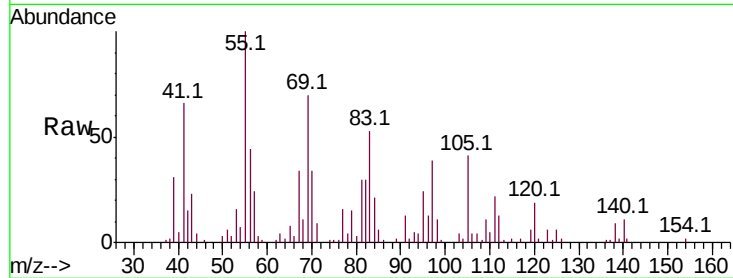




#80
 1,3,5-Trimethylbenzene
 Concen: 0.727 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

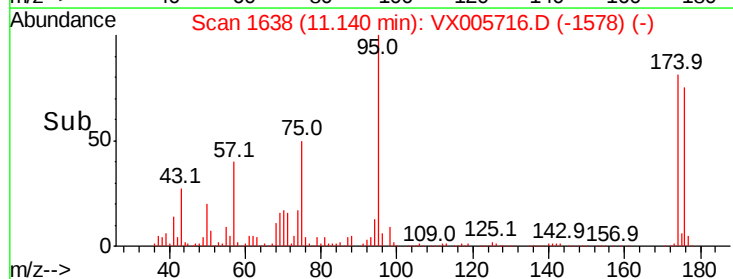
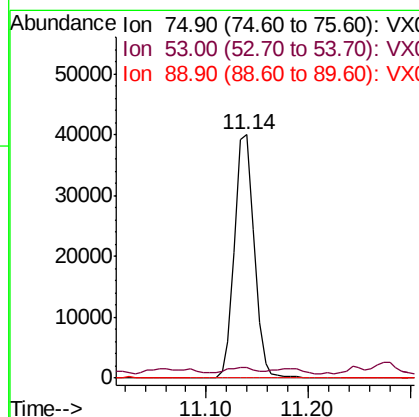
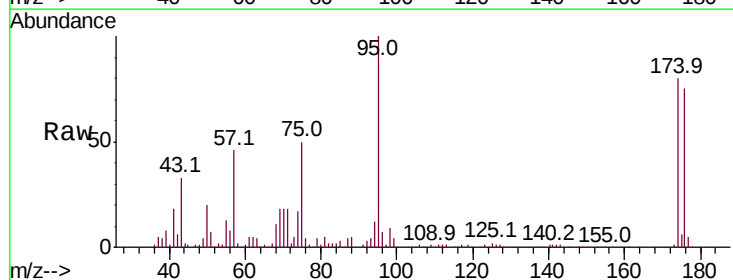
Instrument :
 MSVOA_X
 ClientSampleId :

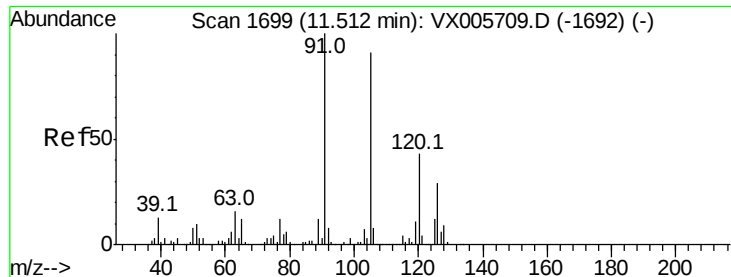
Tot Ion:105 Resp: 3969
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.951 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

Tgt Ion: 75 Resp: 53270
 Ion Ratio Lower Upper
 75 100
 53 4.3 80.2 120.2#
 89 0.0 39.8 59.8#





#82

4-Chlorotoluene

Concen: 0.239 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.16 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

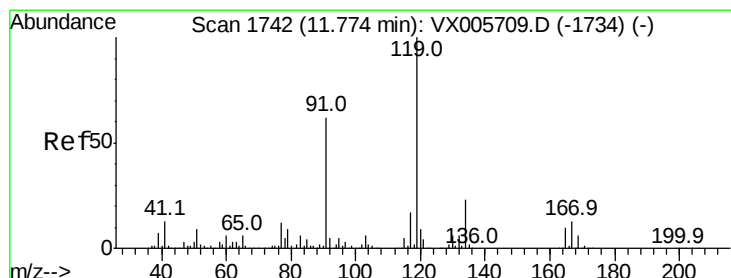
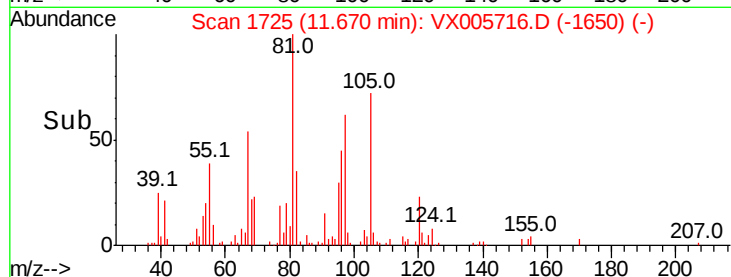
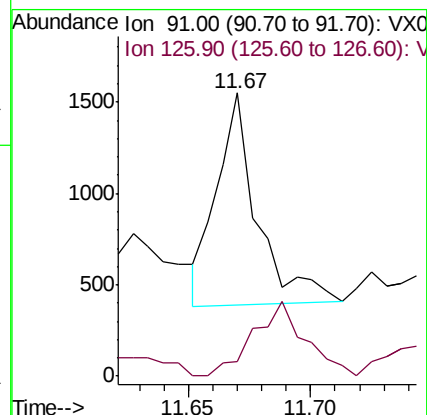
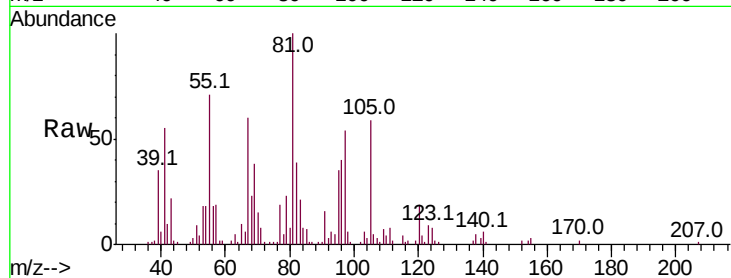
ClientSampleId :

Tot Ion: 91 Resp: 1333

Ion Ratio Lower Upper

91 100

126 45.4 15.2 45.6



#83

tert-Butylbenzene

Concen: 0.294 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

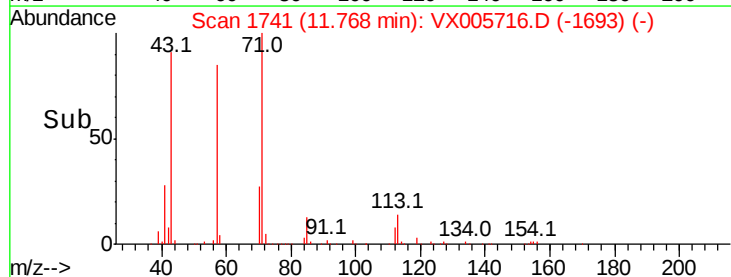
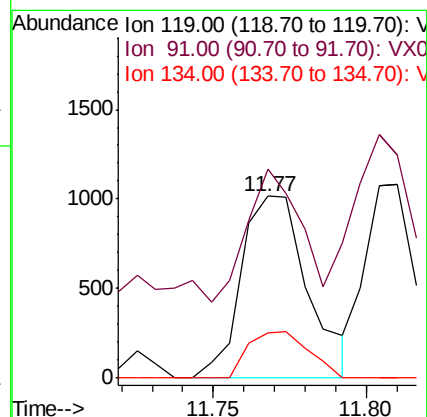
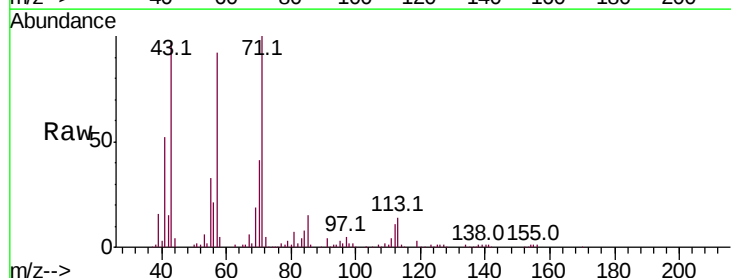
Tgt Ion: 119 Resp: 1533

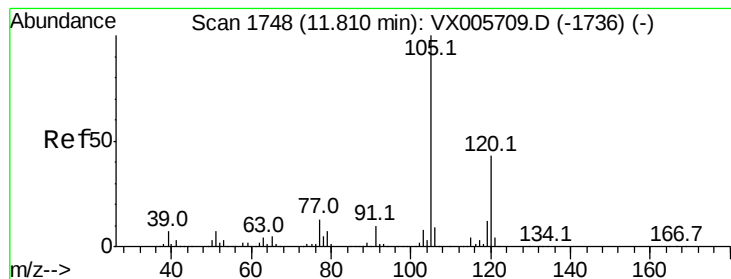
Ion Ratio Lower Upper

119 100

91 57.5 28.5 85.5

134 23.2 11.3 33.8





#84

1,2,4-Trimethylbenzene

Concen: 1.801 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

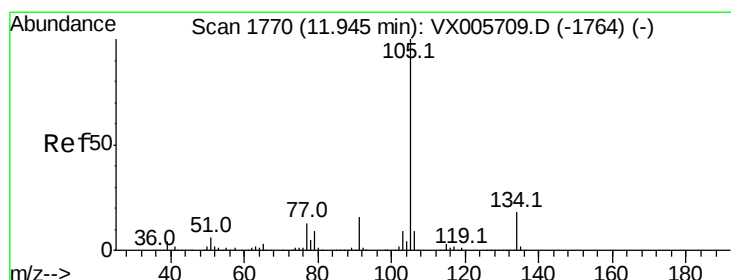
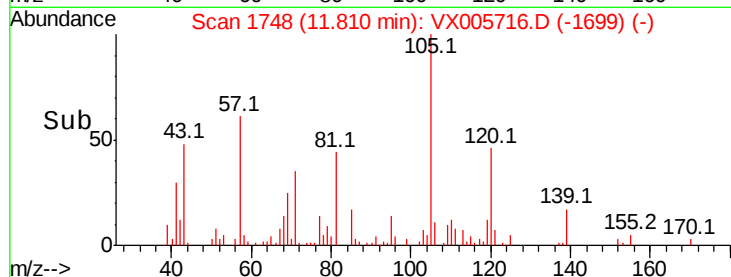
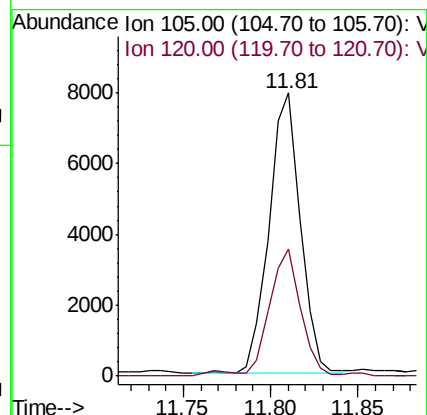
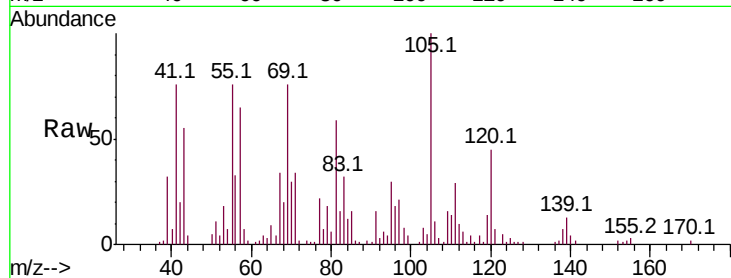
ClientSampleId :

Tot Ion:105 Resp: 9922

Ion Ratio Lower Upper

105 100

120 43.3 22.4 67.0



#85

sec-Butylbenzene

Concen: 3.042 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005716.D

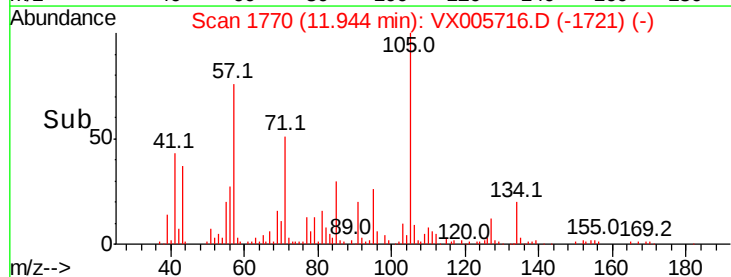
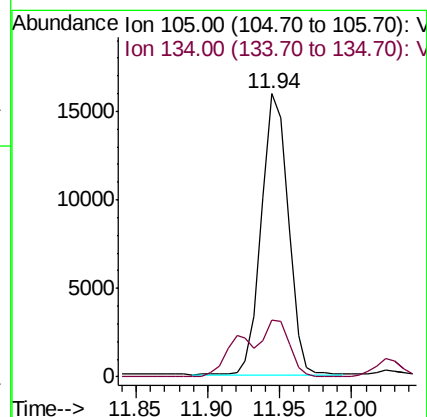
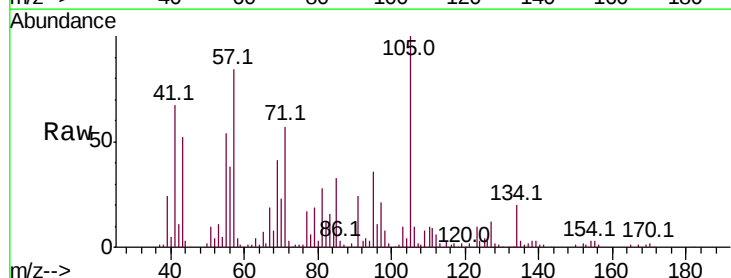
Acq: 31 Oct 2018 19:55

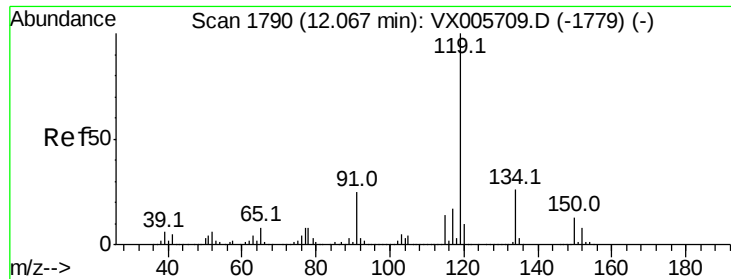
Tgt Ion:105 Resp: 20311

Ion Ratio Lower Upper

105 100

134 19.5 10.2 30.4

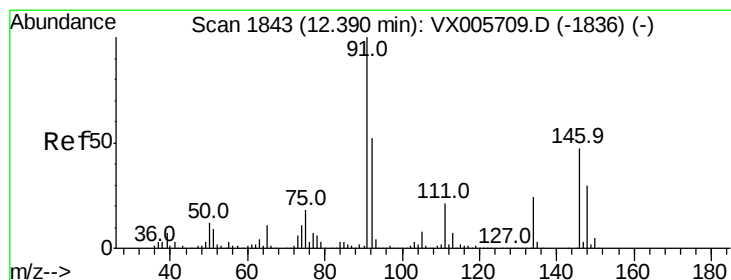
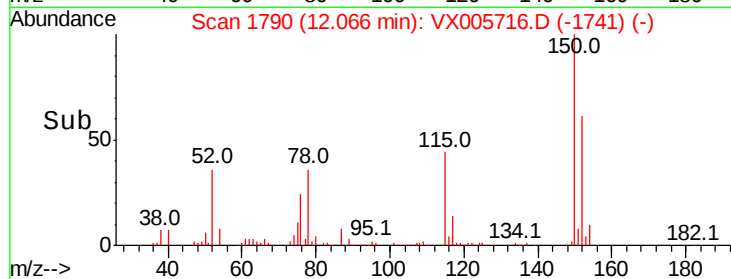
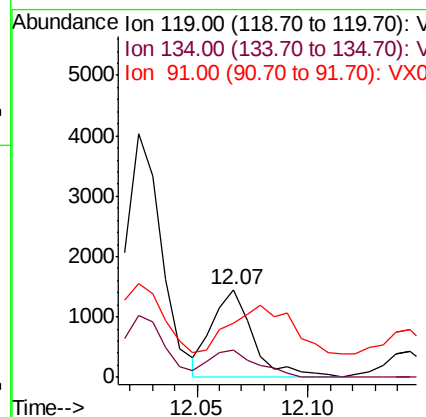
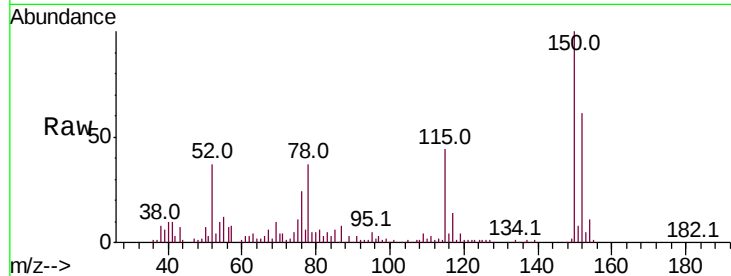




#86
 p-Isopropyltoluene
 Concen: 0.327 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

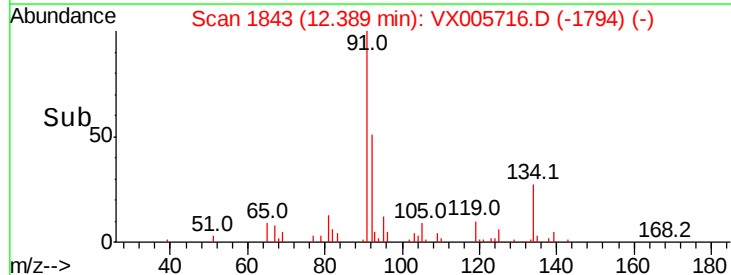
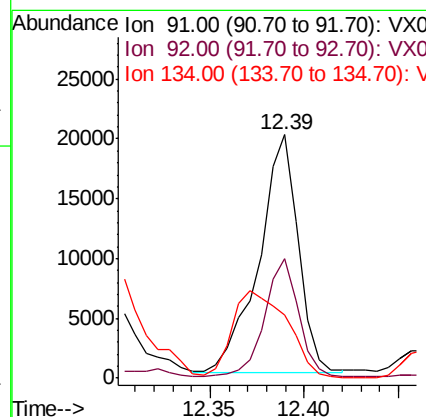
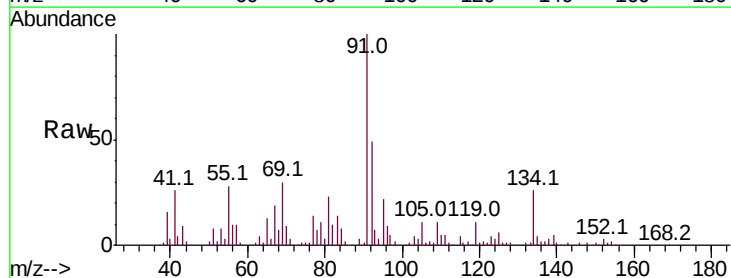
Instrument :
 MSVOA_X
 ClientSampled :

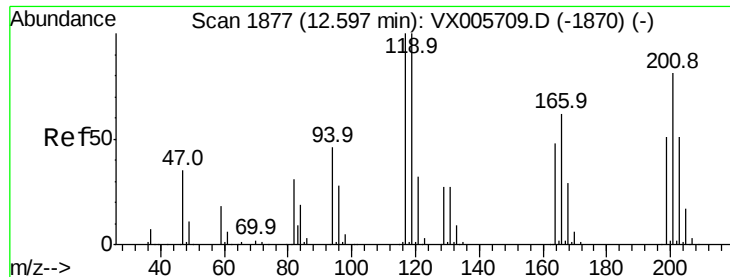
Tot Ion:119 Resp: 1859
 Ion Ratio Lower Upper
 119 100
 134 35.9 13.0 39.0
 91 82.9 11.4 34.2#



#89
 n-Butylbenzene
 Concen: 5.032 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

Tgt Ion: 91 Resp: 28834
 Ion Ratio Lower Upper
 91 100
 92 43.0 26.1 78.2
 134 51.2 13.1 39.3#





#90

Hexachloroethane

Concen: 1.813 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

Instrument :

MSVOA_X

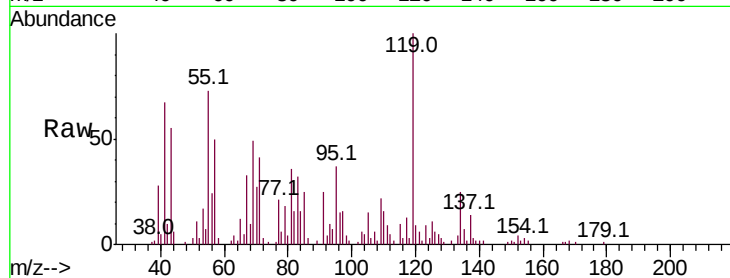
ClientSampleId :

Tot Ion:117 Resp: 1827

Ion Ratio Lower Upper

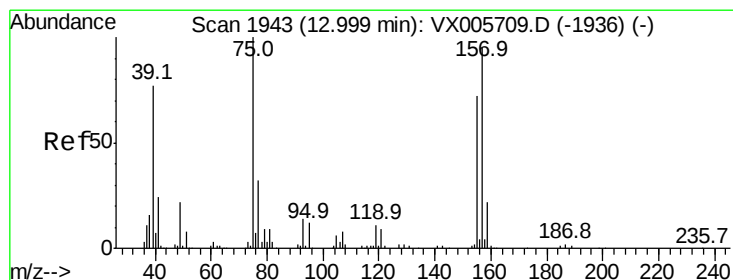
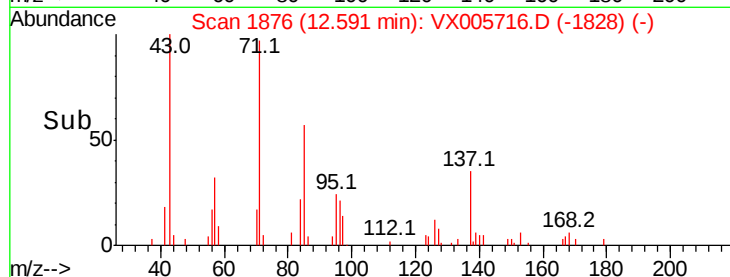
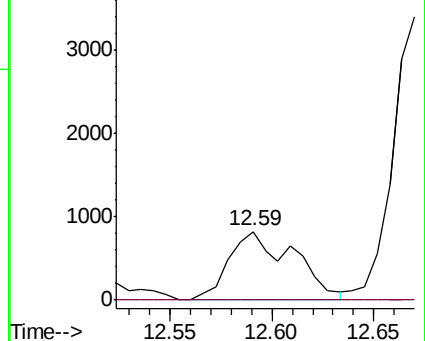
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.259 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005716.D

Acq: 31 Oct 2018 19:55

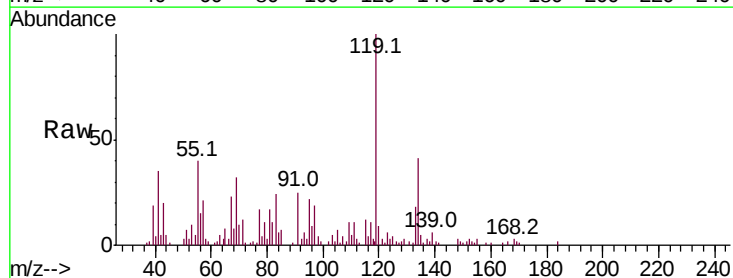
Tgt Ion: 75 Resp: 162

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

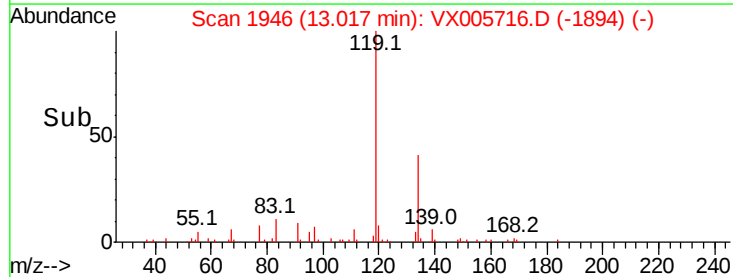
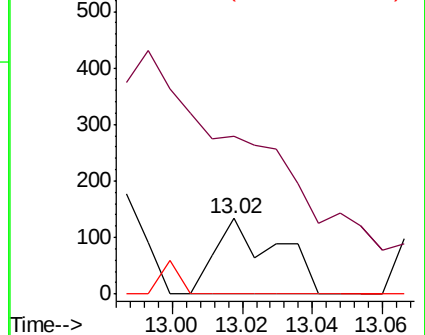
157 13.6 57.4 172.0#

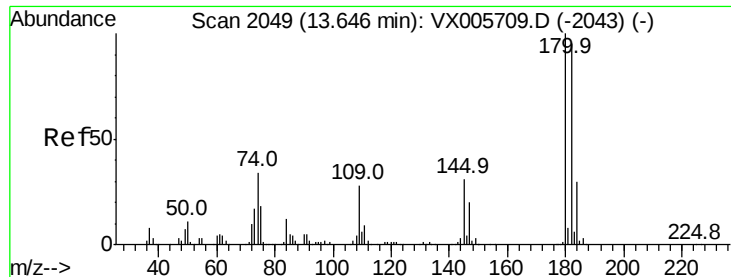


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

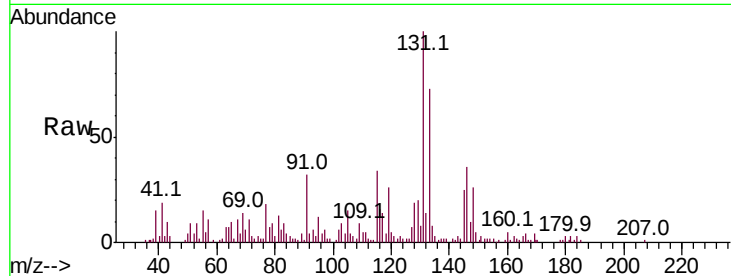




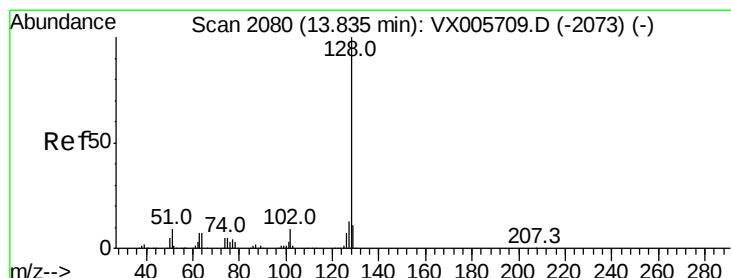
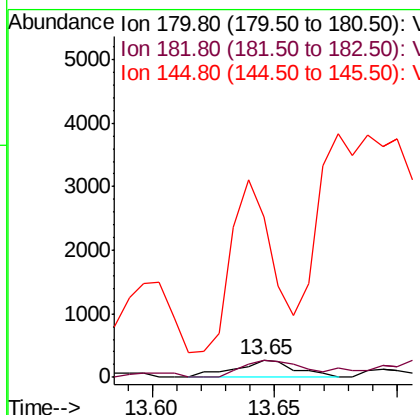
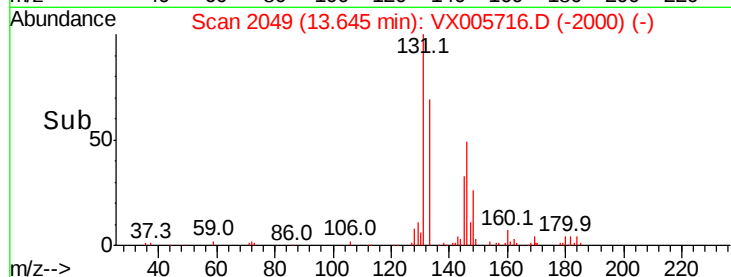
#93
 1,2,4-Trichlorobenzene
 Concen: 0.222 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 459
 Ion Ratio Lower Upper
 180 100
 182 99.3 47.6 142.8
 145 856.4 14.1 42.2#

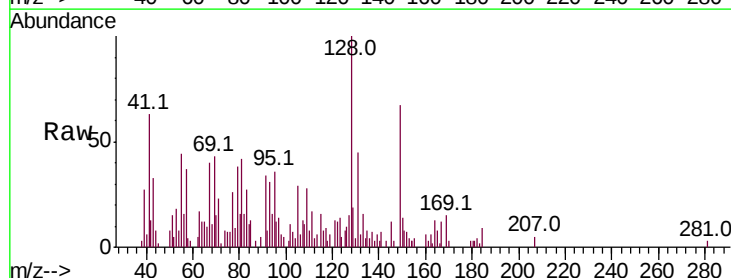


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 0.663 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005716.D
 Acq: 31 Oct 2018 19:55

Tgt Ion:128 Resp: 4501
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 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

