

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006197.D
 Acq On : 27 Nov 2018 01:51
 Operator : JC/MD
 Sample : J5770-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 04:07:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185477	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	172274	56.93	ug/l	0.00
Spiked Amount			Recovery	=	113.86%	
35) Dibromofluoromethane	5.50	113	137495	54.59	ug/l	0.00
Spiked Amount			Recovery	=	109.18%	
50) Toluene-d8	8.71	98	522660	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
62) 4-Bromofluorobenzene	11.14	95	169594	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	722	0.295	ug/l #	57
5) Bromomethane	1.64	94	331	3.875	ug/l	94
6) Chloroethane	1.56	64	6191	Below Cal	#	46
11) Tert butyl alcohol	3.02	59	2885	4.482	ug/l #	80
13) Acrolein	2.29	56	164	0.426	ug/l #	70
15) Acrylonitrile	3.12	53	375	0.264	ug/l #	29
16) Acetone	2.45	43	43960	32.740	ug/l	97
17) Carbon Disulfide	2.57	76	2571	0.505	ug/l #	94
18) Methyl Acetate	2.78	43	9432	2.739	ug/l #	91
20) Methylene Chloride	2.85	84	13291	6.235	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	584	0.296	ug/l #	17
25) 2-Butanone	4.70	43	2938	1.179	ug/l #	89
29) Tetrahydrofuran	5.17	42	765	0.492	ug/l #	76
30) Chloroform	5.21	83	3064	0.650	ug/l	99
36) 1,1-Dichloropropene	5.67	75	18974	5.315	ug/l #	53
38) Carbon Tetrachloride	5.67	117	24713	7.365	ug/l #	19
39) Methylcyclohexane	7.47	83	1728	0.425	ug/l #	89
43) Isopropyl Acetate	6.46	43	14841	2.238	ug/l	96
47) Bromodichloromethane	7.89	83	1407	0.399	ug/l #	92
48) Methyl methacrylate	7.68	41	9563	2.843	ug/l #	17
49) 1,4-Dioxane	7.76	88	34	0.426	ug/l #	22
51) 4-Methyl-2-Pentanone	8.62	43	74061	15.576	ug/l #	52
54) cis-1,3-Dichloropropene	8.62	75	31356	7.710	ug/l #	72
56) Ethyl methacrylate	9.16	69	193	2.907	ug/l #	1
57) 1,3-Dichloropropane	9.54	76	7488	1.612	ug/l #	50
58) 2-Chloroethyl Vinyl ether	8.49	63	224	6.811	ug/l	97
59) 2-Hexanone	9.54	43	111960	29.669	ug/l #	52
73) Isopropylbenzene	11.02	105	4120	0.367	ug/l	97
74) N-amyl acetate	10.93	43	406	2.260	ug/l #	13
76) 1,2,3-Trichloropropane	11.13	75	87389	22.885	ug/l #	39
78) n-propylbenzene	11.36	91	7940	0.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2483	0.262	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	87389	77.403	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.80	105	2558	0.265	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

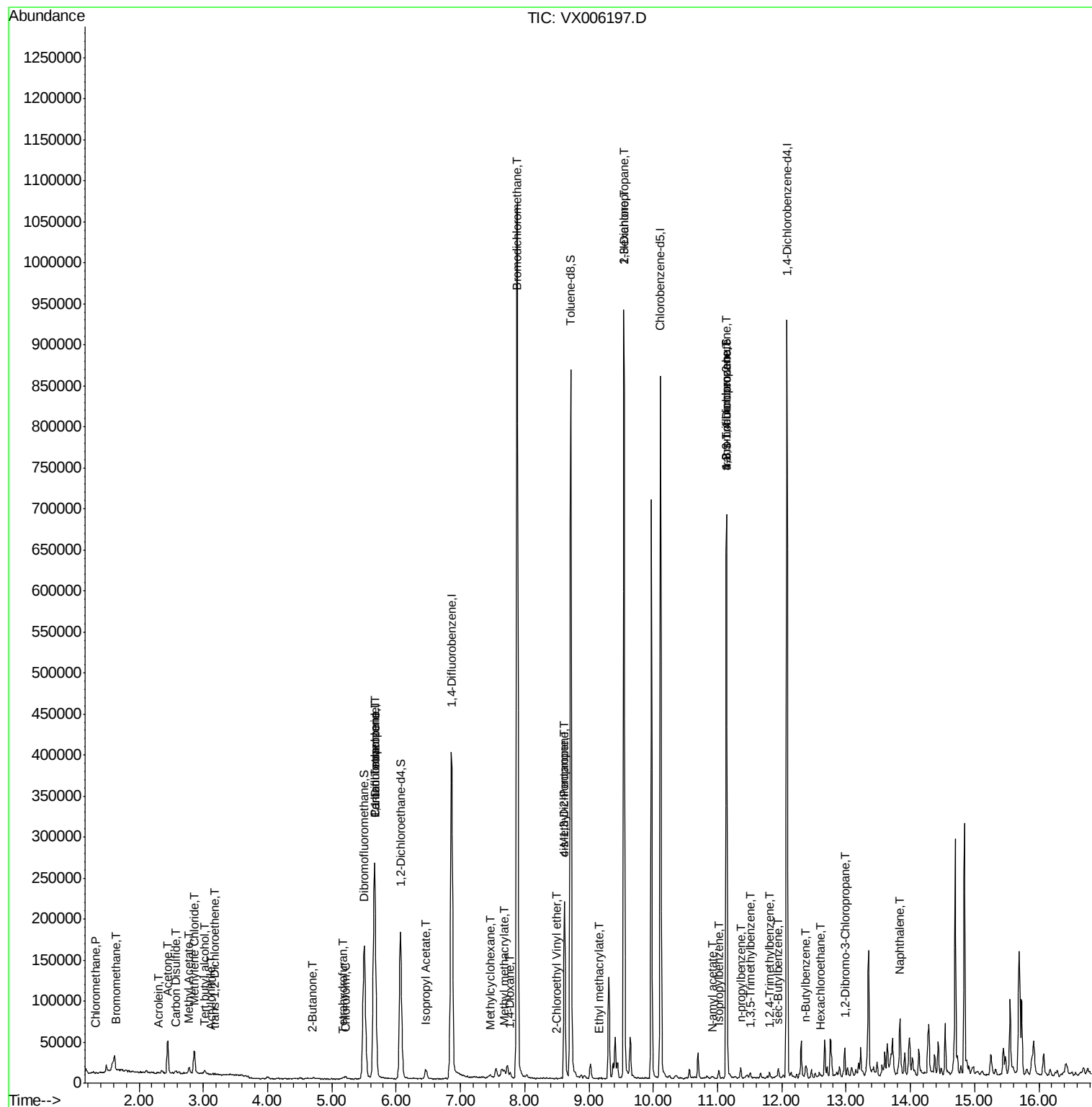
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	5176	0.458	ug/l	91
89) n-Butylbenzene	12.38	91	4144	0.454	ug/l #	70
90) Hexachloroethane	12.60	117	585	0.364	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.99	75	361	0.368	ug/l #	1
95) Naphthalene	13.83	128	40575	3.305	ug/l	96

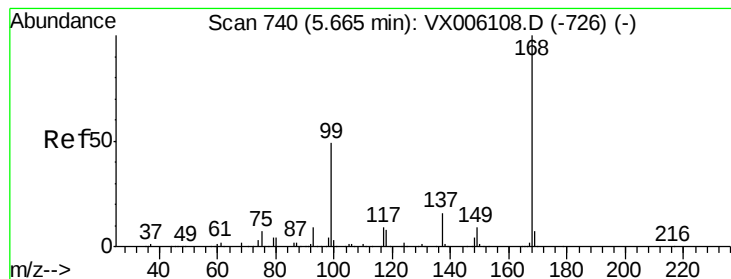
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

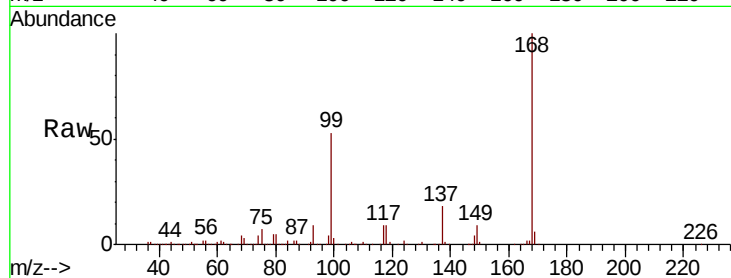
ClientSampled :

Tot Ion:168 Resp: 261131

Ion Ratio Lower Upper

168 100

99 53.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

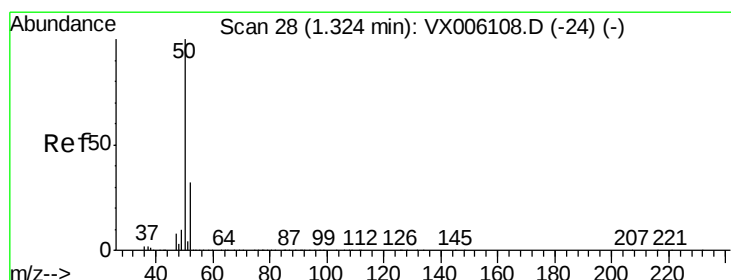
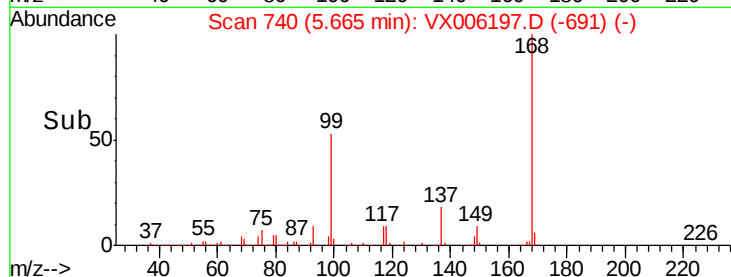
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.295 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006197.D

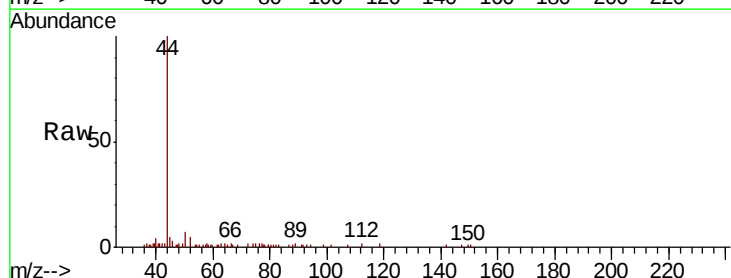
Acq: 27 Nov 2018 01:51

Tgt Ion: 50 Resp: 722

Ion Ratio Lower Upper

50 100

52 56.2 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

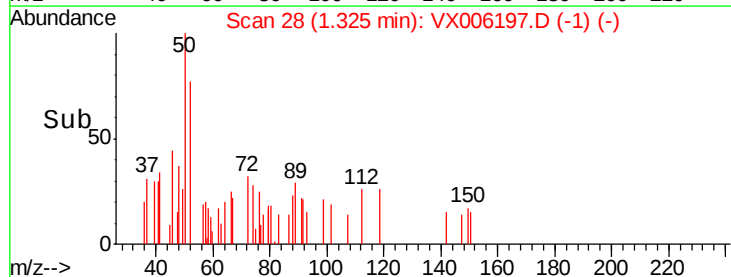
300

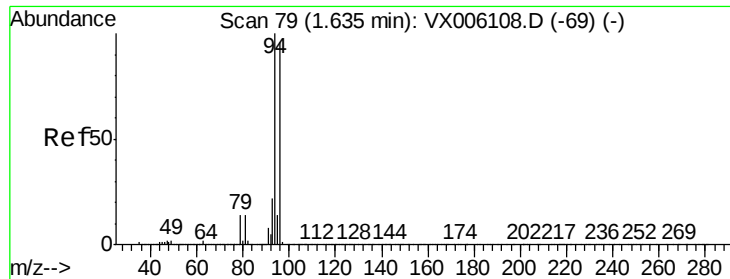
200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 3.875 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

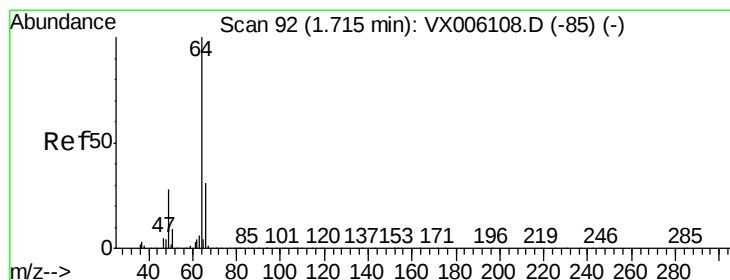
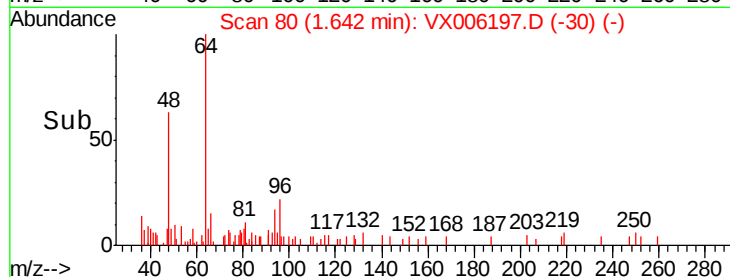
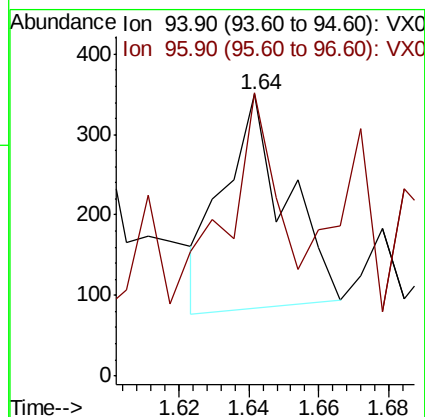
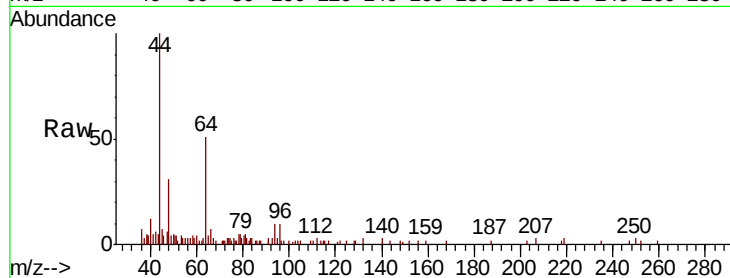
ClientSampleId :

Tot Ion: 94 Resp: 331

Ion Ratio Lower Upper

94 100

96 101.6 76.7 115.1



#6

Chloroethane

Concen: Below Cal

RT: 1.56 min Scan# 67

Delta R.T. -0.15 min

Lab File: VX006197.D

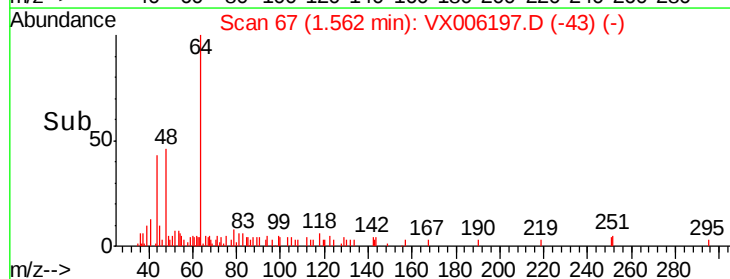
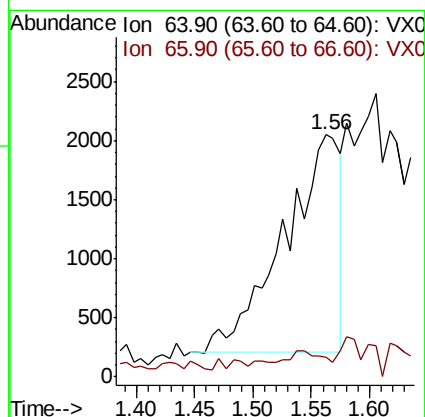
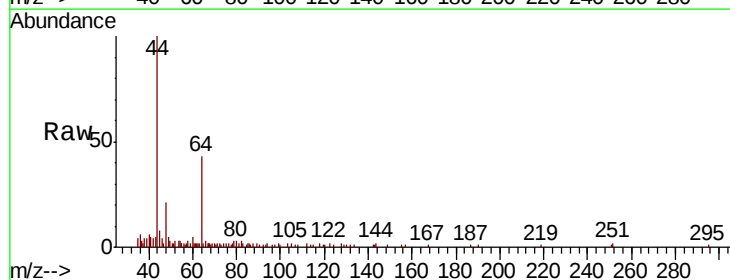
Acq: 27 Nov 2018 01:51

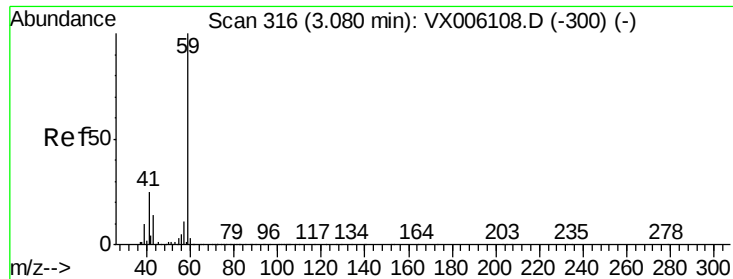
Tgt Ion: 64 Resp: 6191

Ion Ratio Lower Upper

64 100

66 1.6 25.1 37.7#

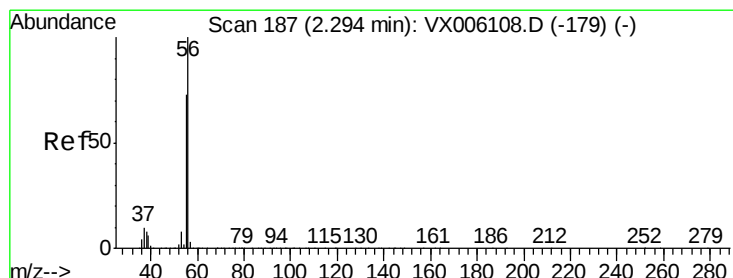
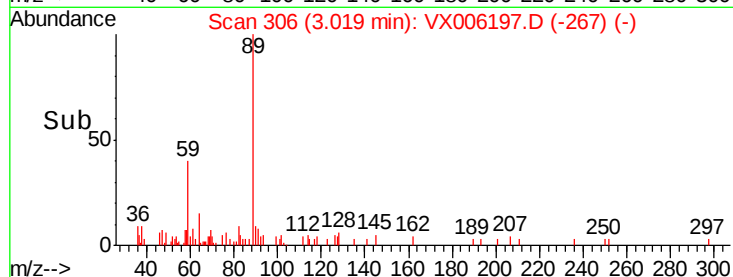
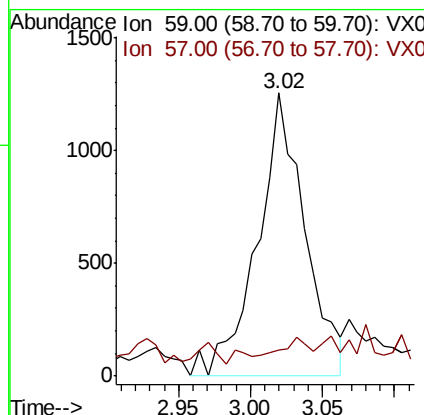
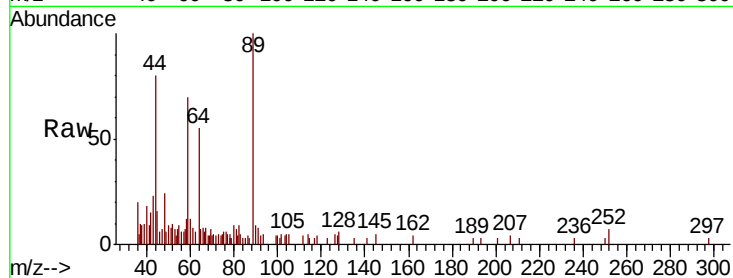




#11
Tert butyl alcohol
Concen: 4.482 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

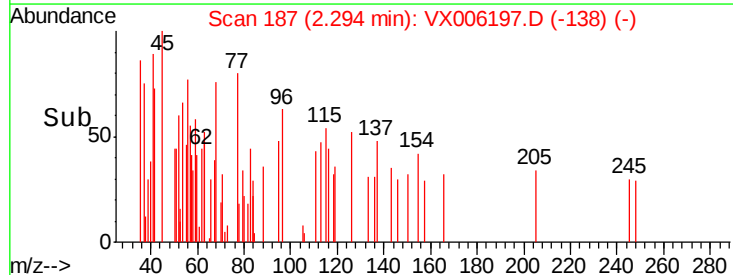
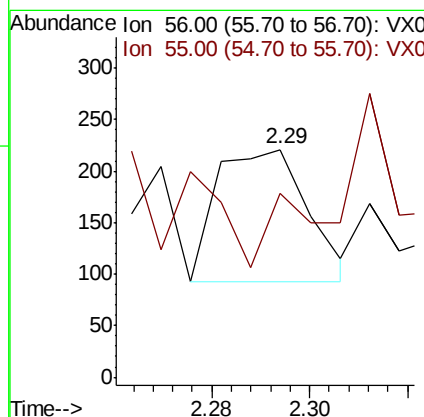
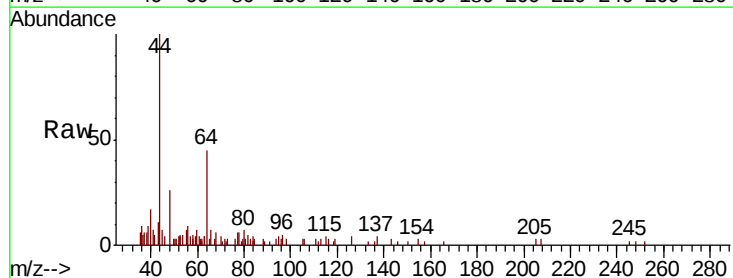
Instrument :
MSVOA_X
ClientSampled :

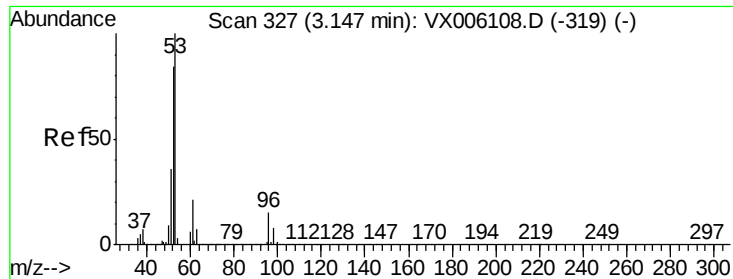
Tot Ion: 59 Resp: 2885
Ion Ratio Lower Upper
59 100
57 3.2 8.7 13.1#



#13
Acrolein
Concen: 0.426 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 97.0 57.8 86.6#

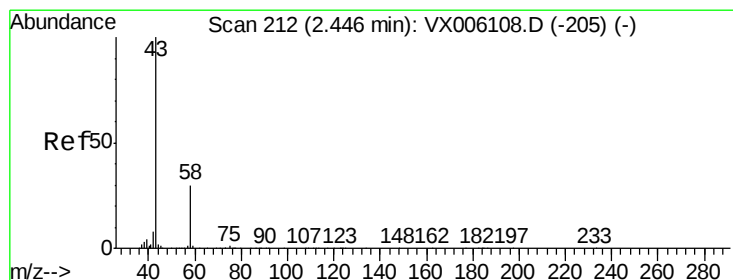
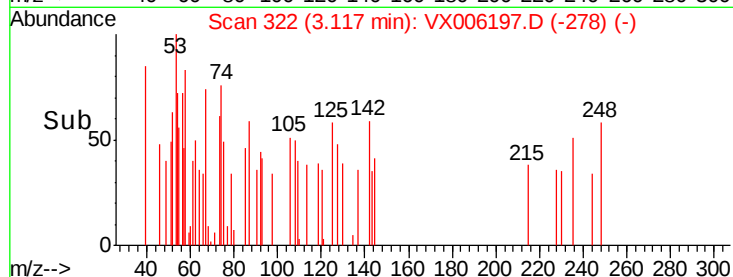
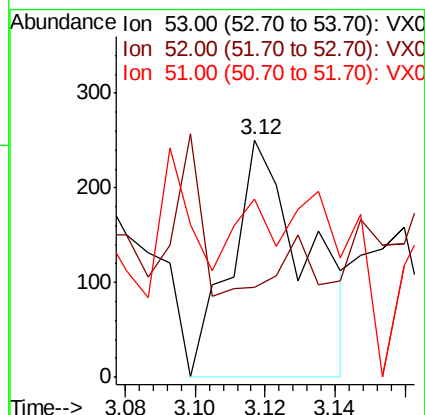
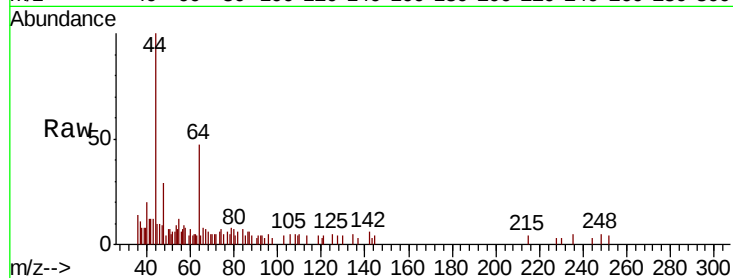




#15
Acrylonitrile
Concen: 0.264 ug/l
RT: 3.12 min Scan# 322
Delta R.T. -0.03 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

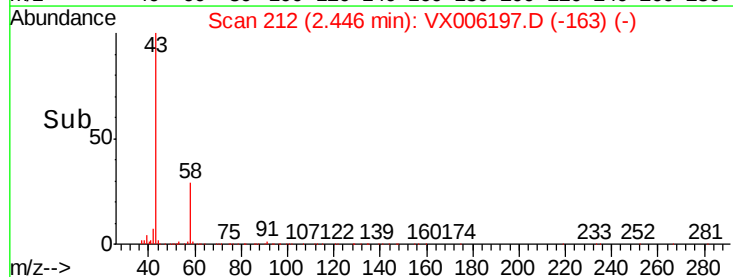
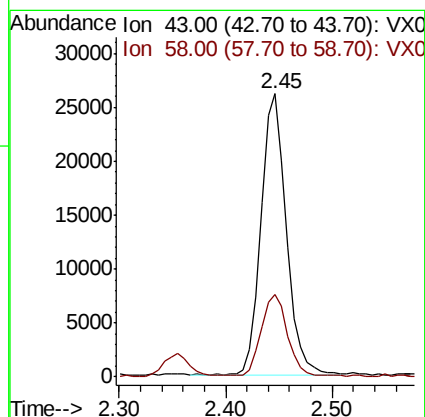
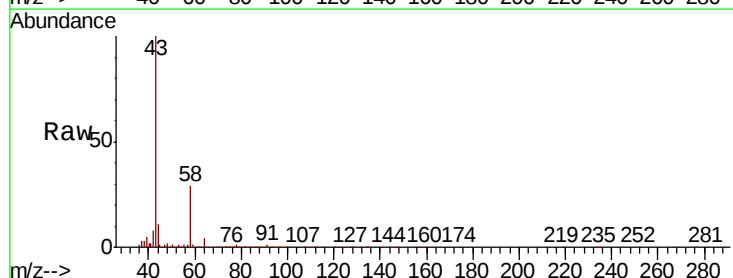
Instrument :
MSVOA_X
ClientSampled :

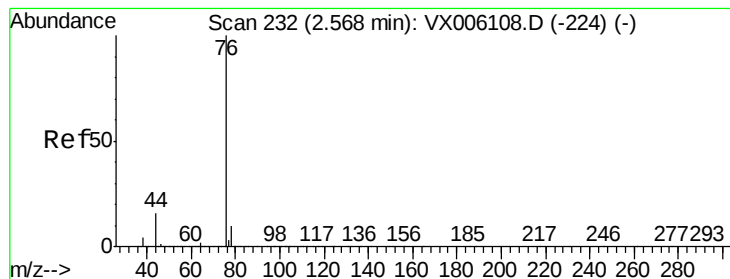
Tot Ion: 53 Resp: 375
Ion Ratio Lower Upper
53 100
52 14.9 66.4 99.6#
51 0.0 29.4 44.0#



#16
Acetone
Concen: 32.740 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Tgt Ion: 43 Resp: 43960
Ion Ratio Lower Upper
43 100
58 28.1 23.8 35.8





#17

Carbon Disulfide

Concen: 0.505 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

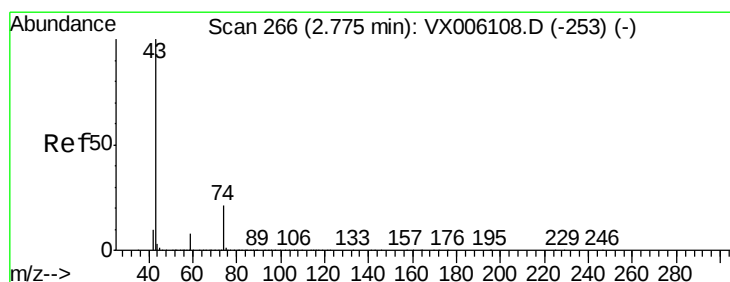
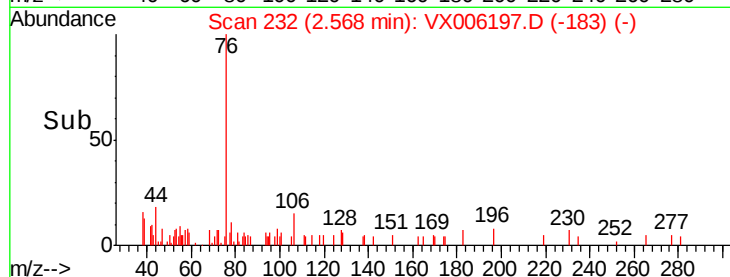
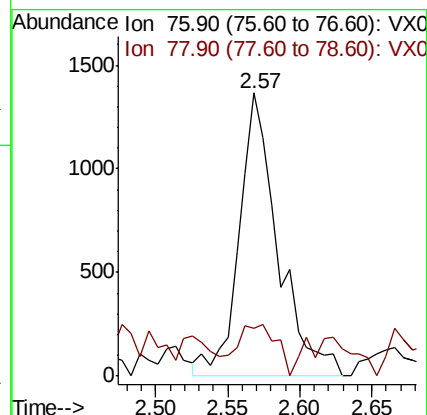
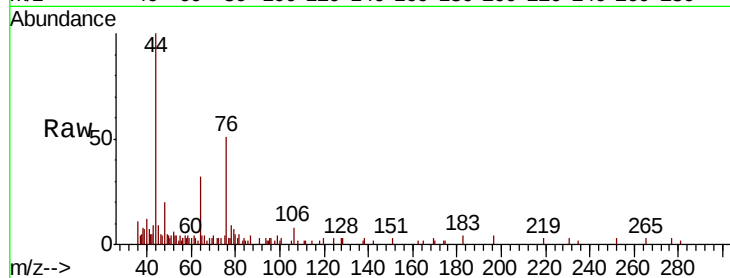
ClientSampleId :

Tot Ion: 76 Resp: 2571

Ion Ratio Lower Upper

76 100

78 7.2 7.7 11.5#



#18

Methyl Acetate

Concen: 2.739 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006197.D

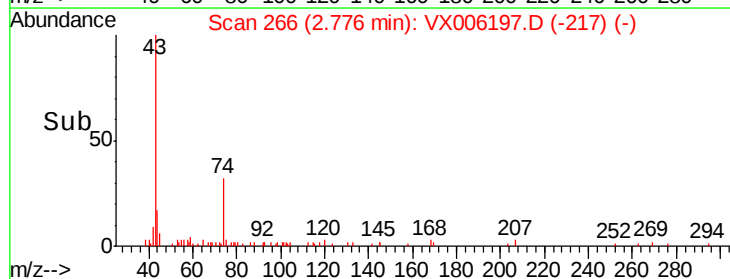
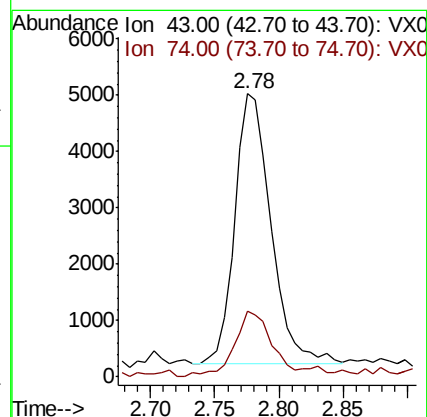
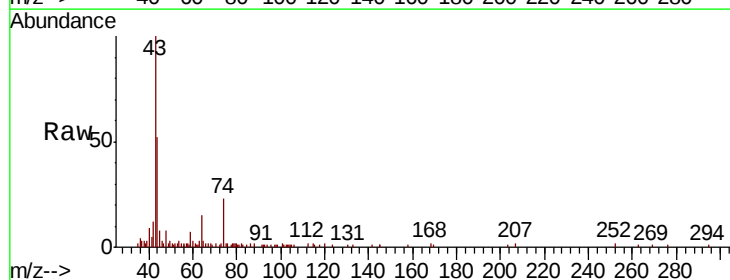
Acq: 27 Nov 2018 01:51

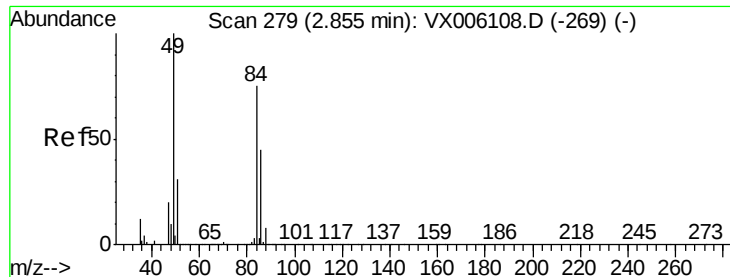
Tgt Ion: 43 Resp: 9432

Ion Ratio Lower Upper

43 100

74 25.9 17.3 25.9#

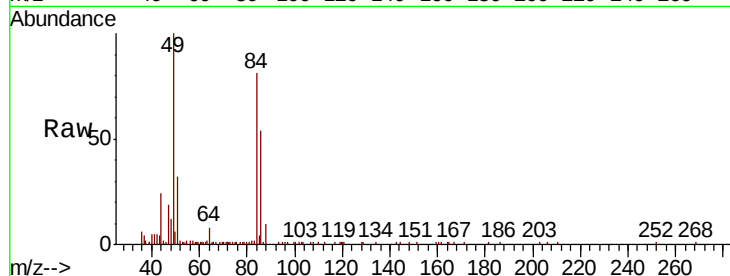




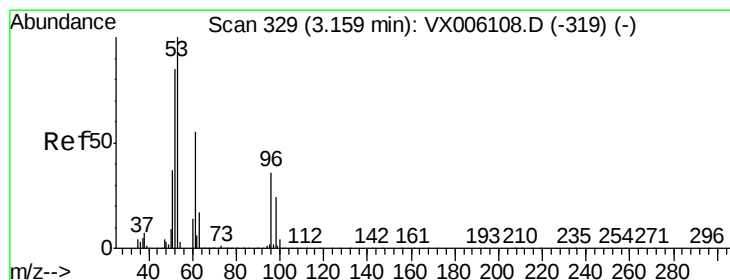
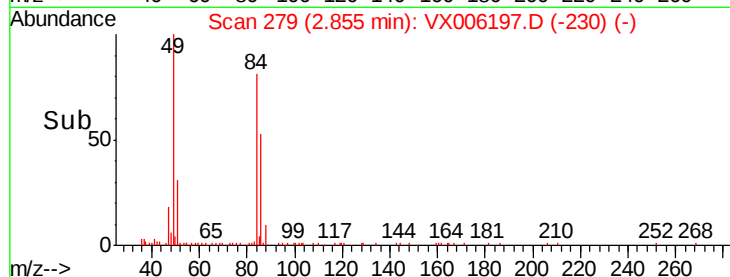
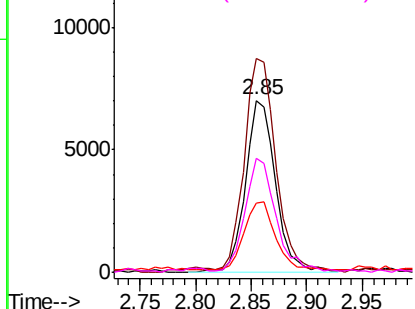
#20
Methvlene Chloride
Concen: 6.235 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 84 Resp: 13291
Ion Ratio Lower Upper
84 100
49 122.4 106.6 159.8
51 38.3 32.6 49.0
86 64.6 48.4 72.6

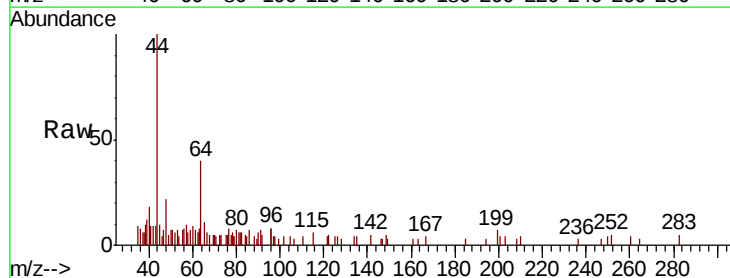


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

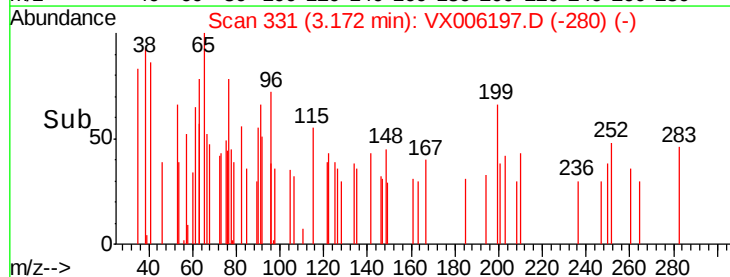
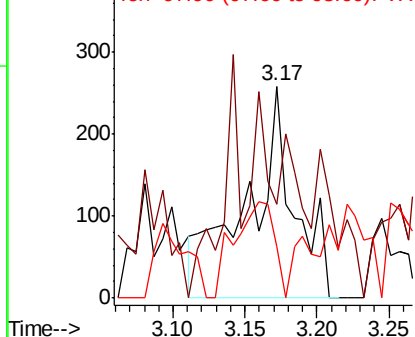


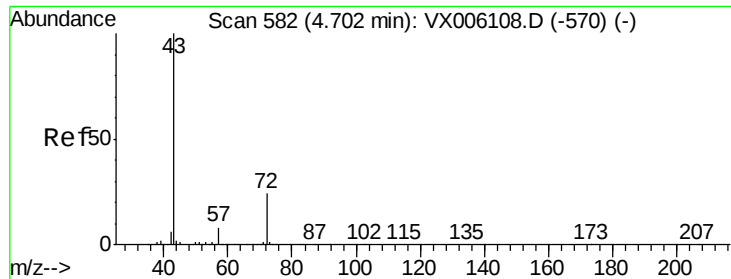
#21
trans-1,2-Dichloroethene
Concen: 0.296 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Tgt Ion: 96 Resp: 584
Ion Ratio Lower Upper
96 100
61 44.4 122.0 183.0#
98 2.3 52.7 79.1#



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





#25

2-Butanone

Concen: 1.179 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

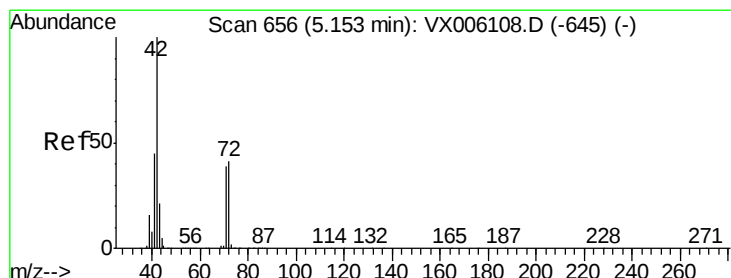
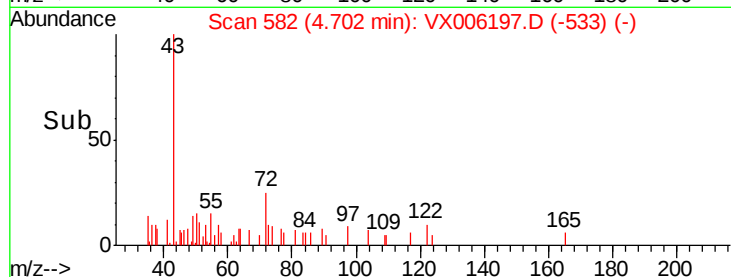
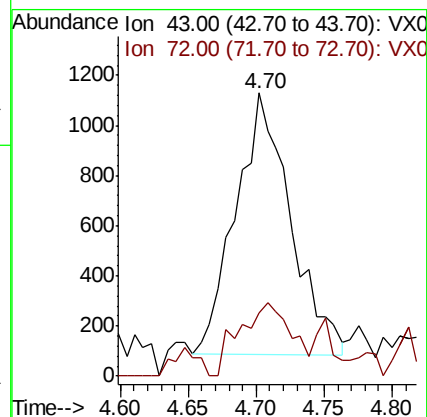
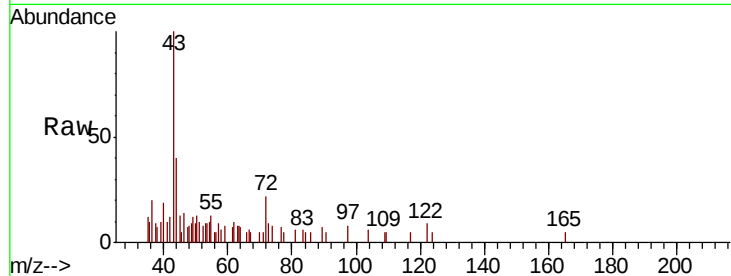
ClientSampled :

Tot Ion: 43 Resp: 2938

Ion Ratio Lower Upper

43 100

72 18.5 19.2 28.8#



#29

Tetrahydrofuran

Concen: 0.492 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

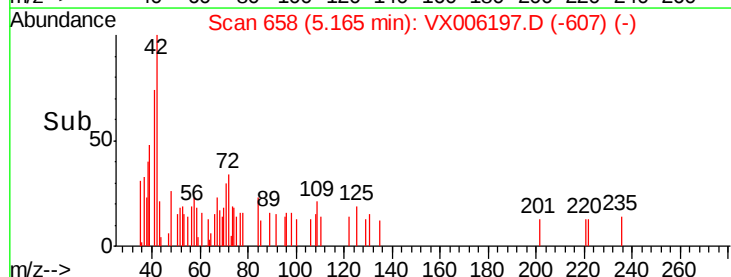
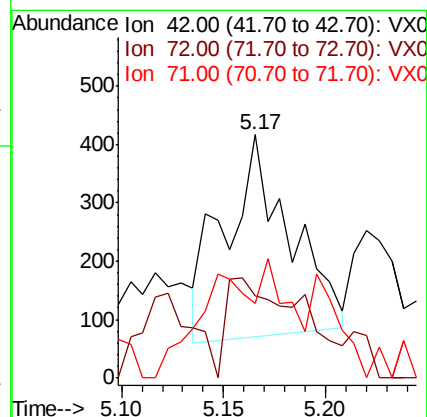
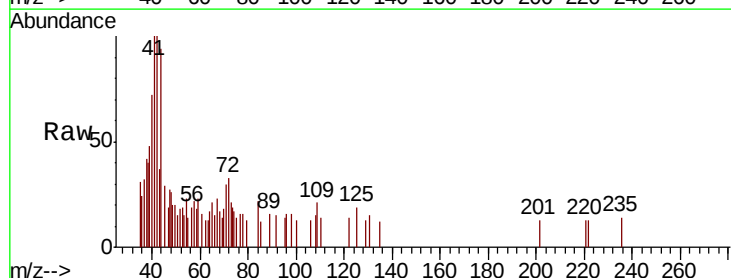
Tgt Ion: 42 Resp: 765

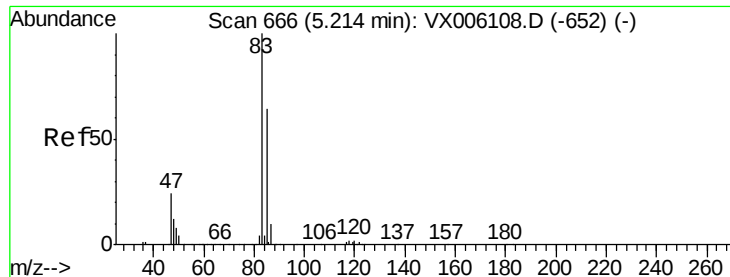
Ion Ratio Lower Upper

42 100

72 64.7 33.0 49.6#

71 44.3 31.0 46.4

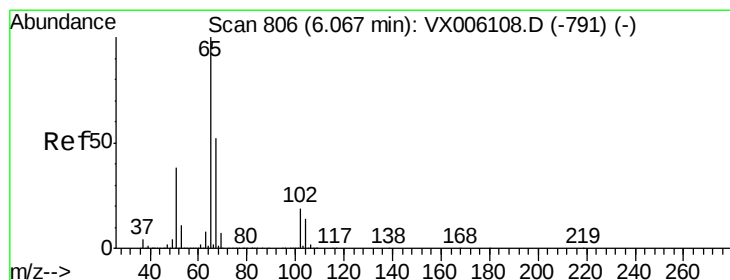
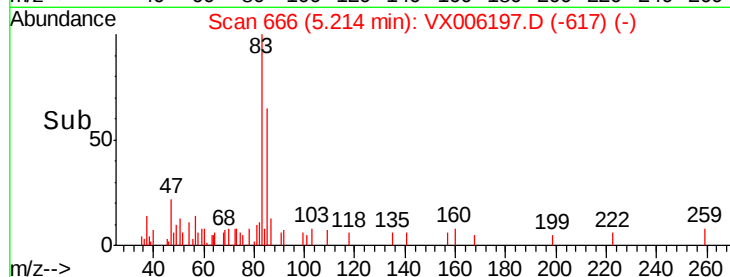
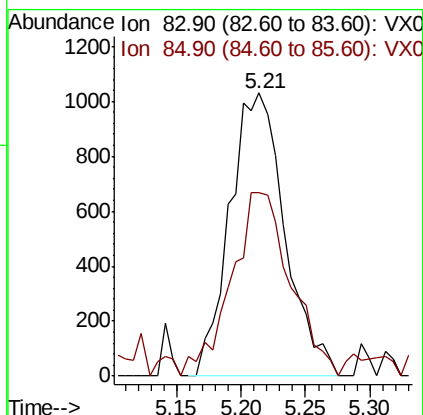
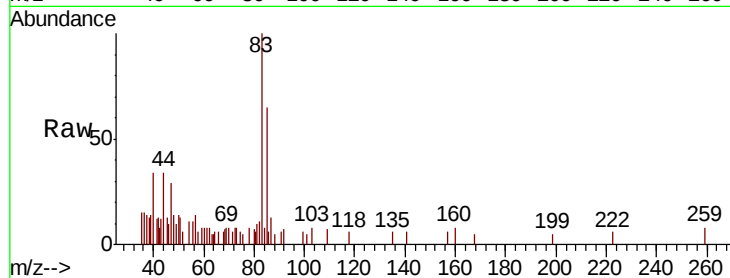




#30
Chloroform
Concen: 0.650 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

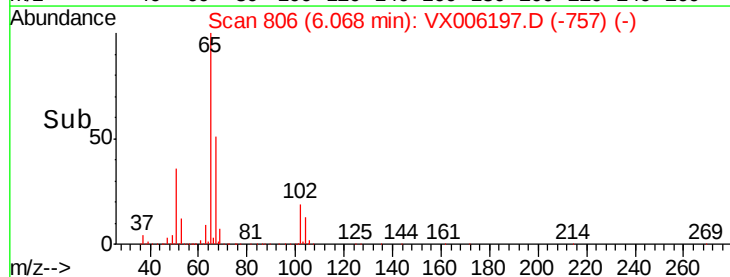
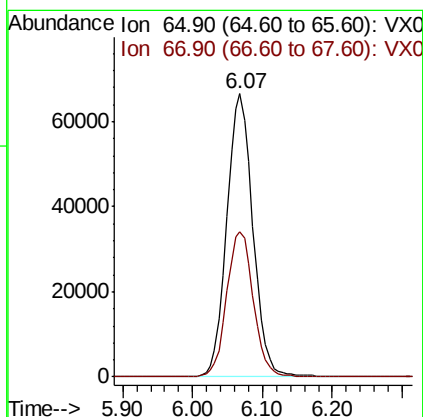
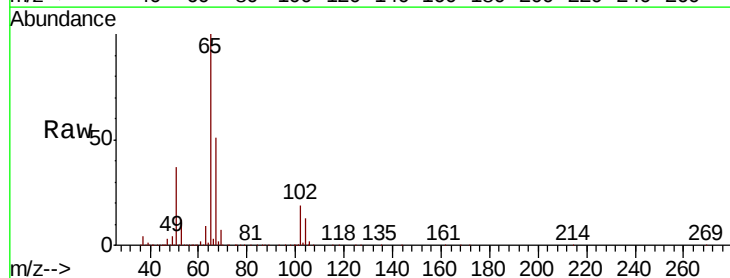
Instrument :
MSVOA_X
ClientSampleId :

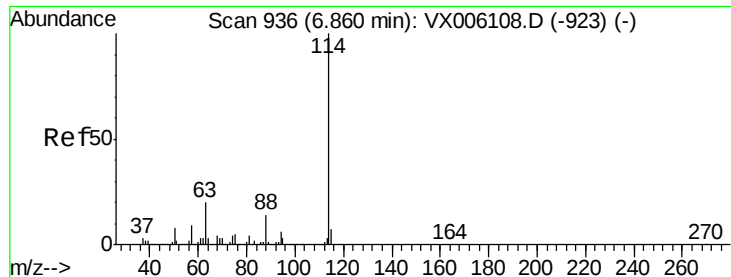
Tot Ion: 83 Resp: 3064
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 56.934 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Tgt Ion: 65 Resp: 172274
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

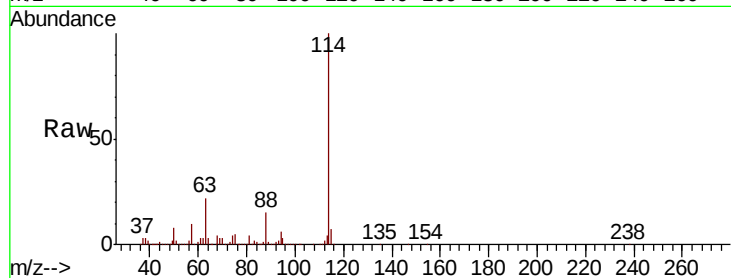
Tot Ion:114 Resp: 392390

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.2

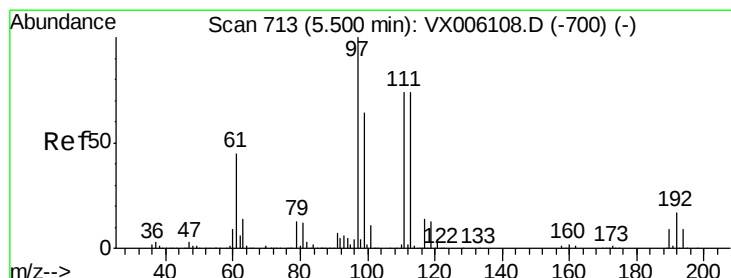
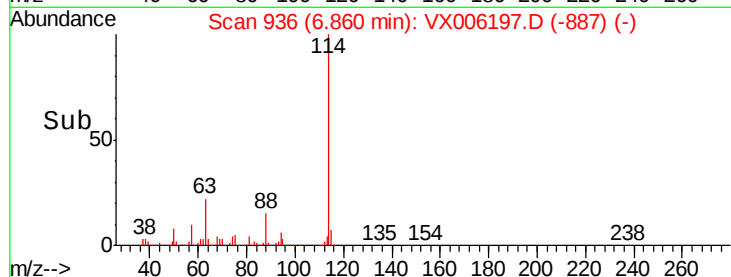
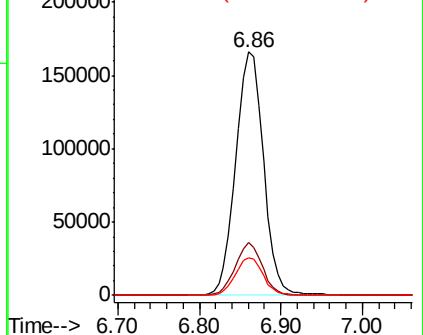
88 15.3 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 54.587 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

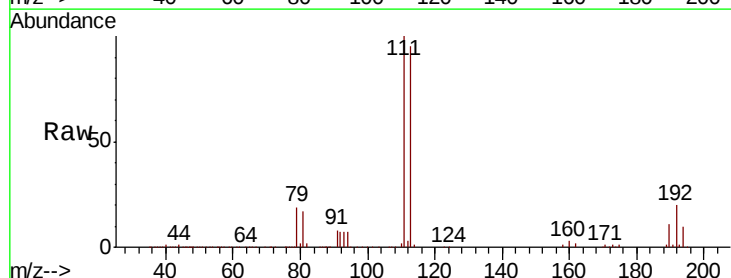
Tgt Ion:113 Resp: 137495

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

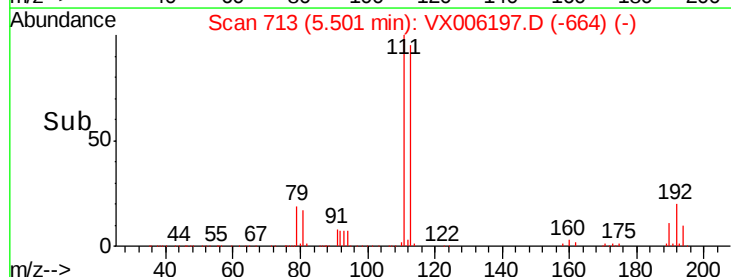
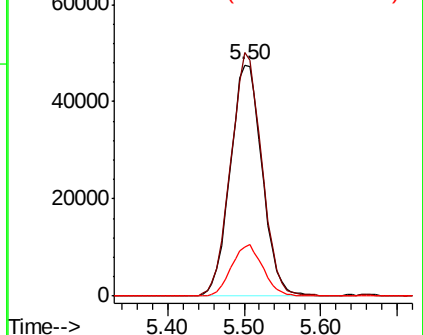
192 22.1 18.6 28.0

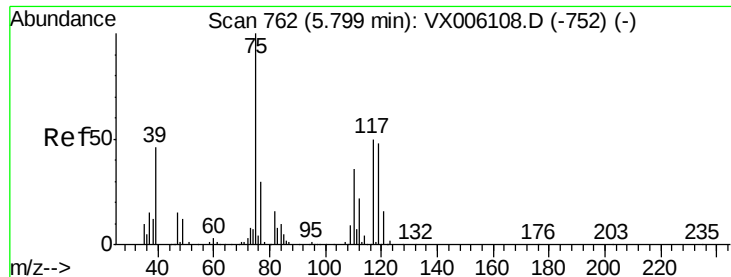


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :

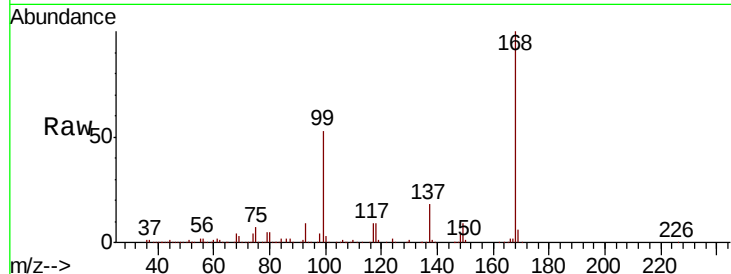
Tot Ion: 75 Resp: 18974

Ion Ratio Lower Upper

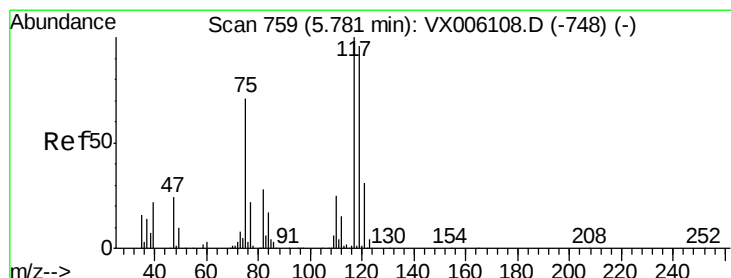
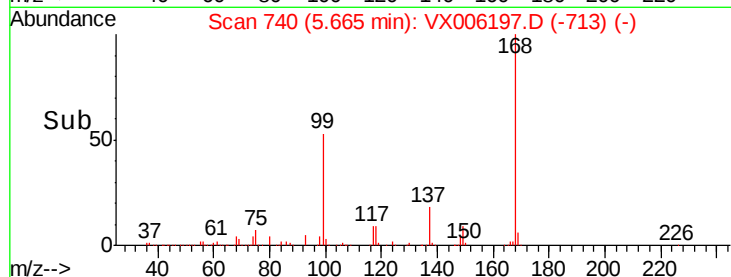
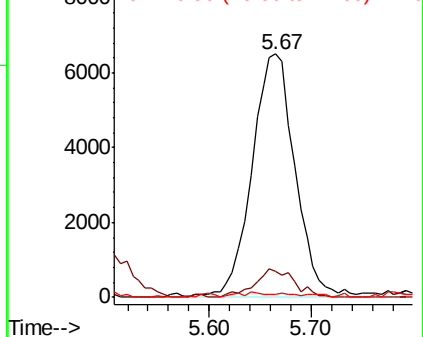
75 100

110 11.0 17.8 53.3#

77 1.3 24.5 36.7#



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: 7.365 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

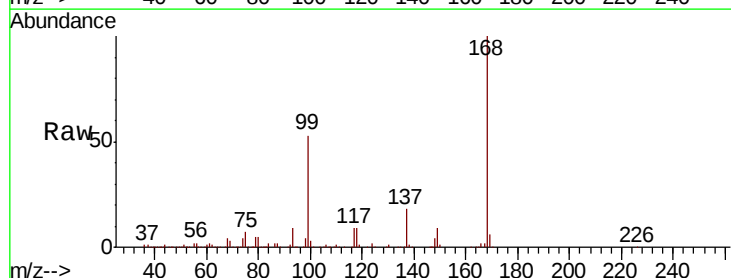
Tgt Ion:117 Resp: 24713

Ion Ratio Lower Upper

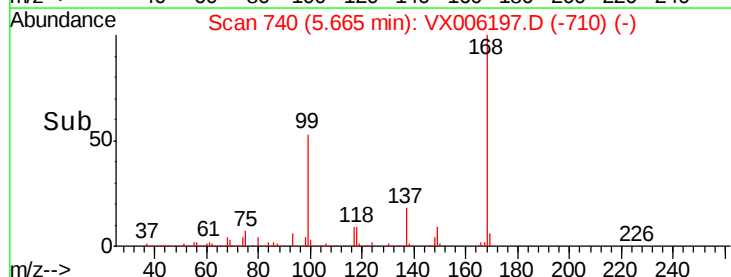
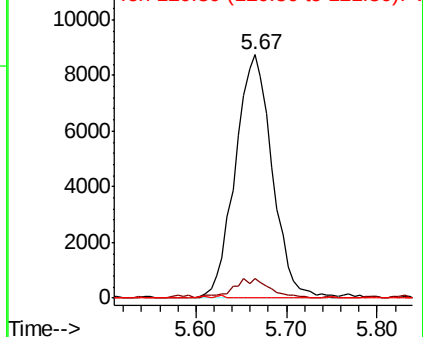
117 100

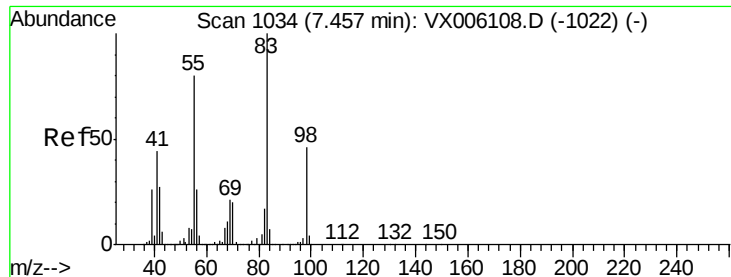
119 8.2 76.3 114.5#

121 0.0 24.7 37.1#



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

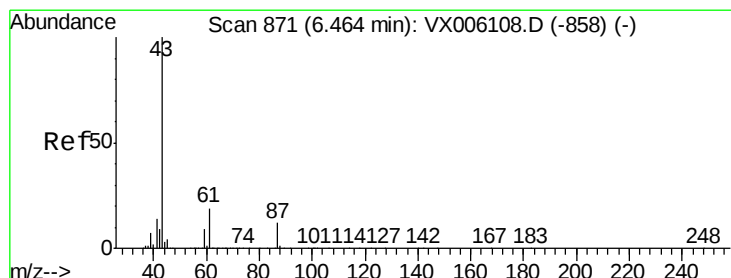
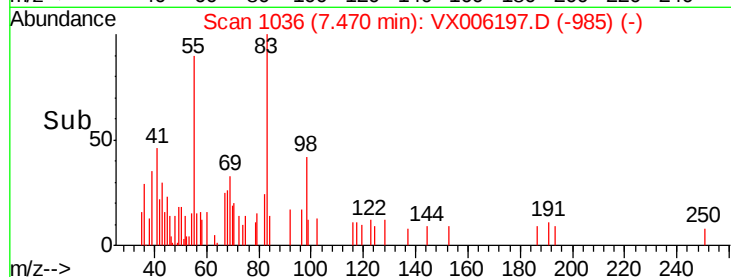
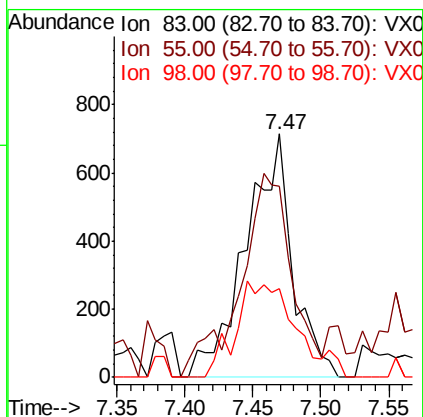
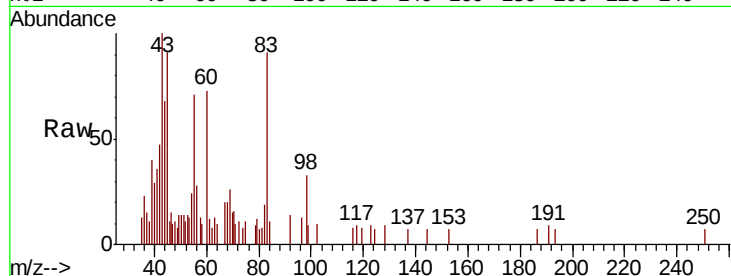




#39
Methvlcvclohexane
Concen: 0.425 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

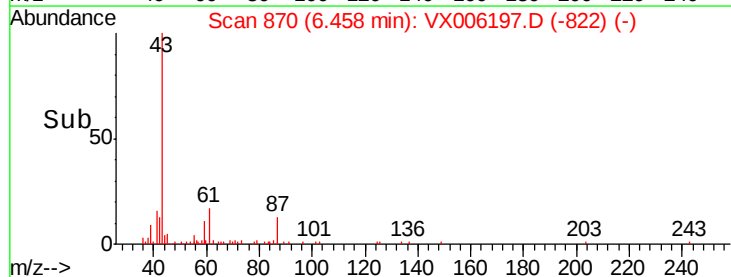
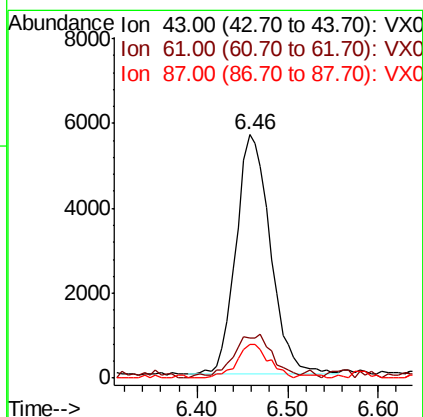
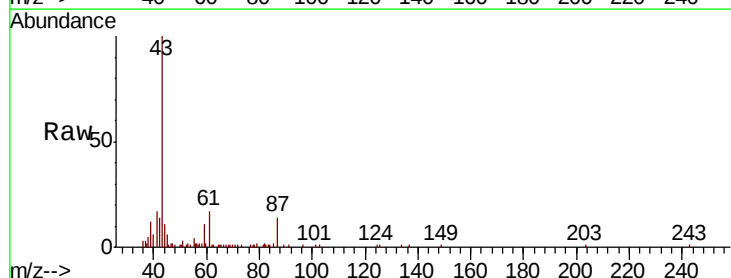
Instrument :
MSVOA_X
ClientSampled :

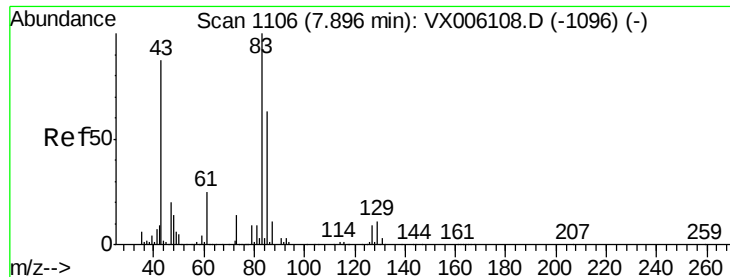
Tot Ion: 83 Resp: 1728
Ion Ratio Lower Upper
83 100
55 71.4 63.9 95.9
98 36.3 36.8 55.2#



#43
Isopropyl Acetate
Concen: 2.238 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Tgt Ion: 43 Resp: 14841
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 13.1 9.6 14.4

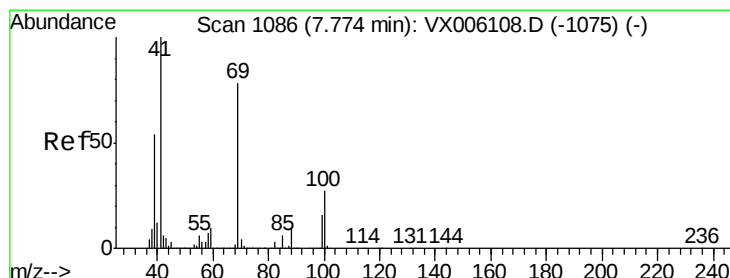
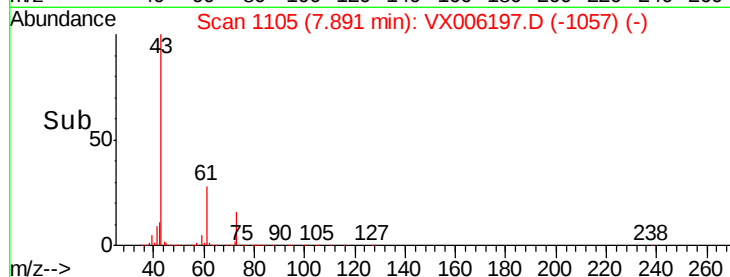
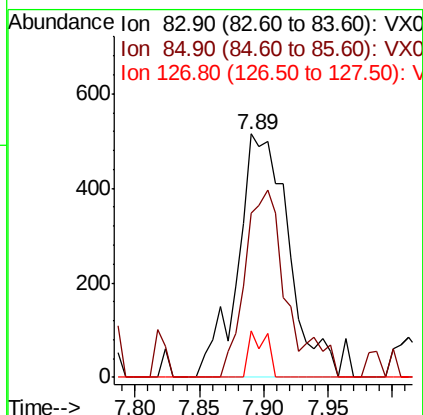
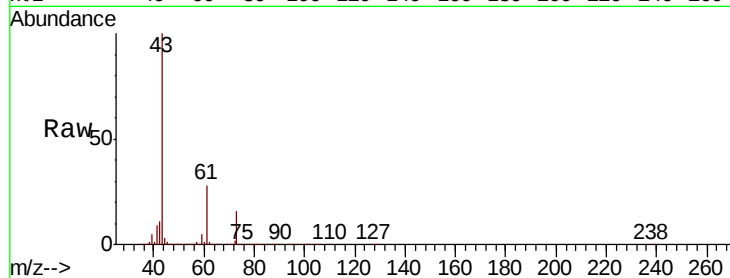




#47
 Bromodichloromethane
 Concen: 0.399 ug/l
 RT: 7.89 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: VX006197.D
 Acq: 27 Nov 2018 01:51

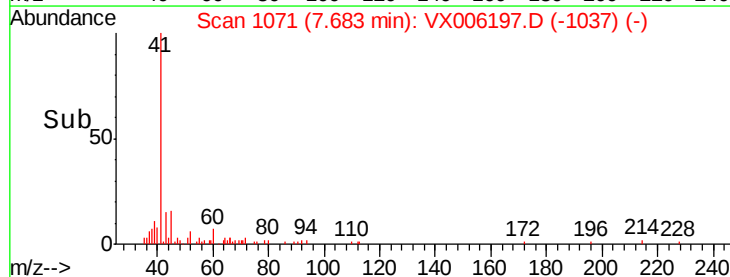
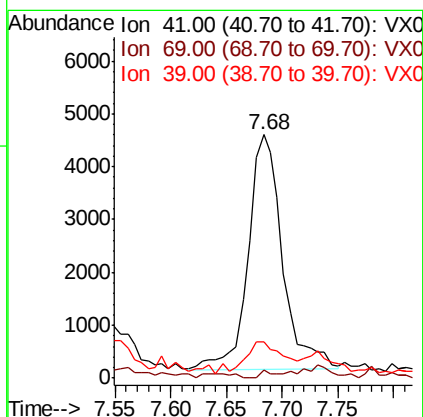
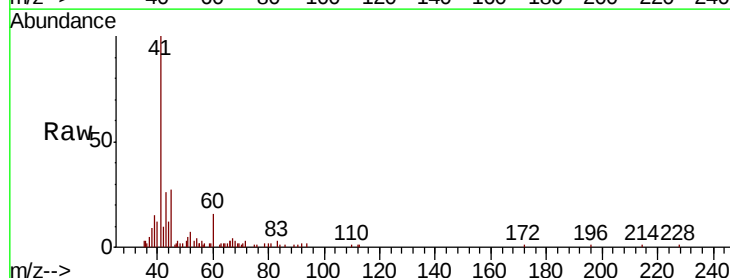
Instrument :
 MSVOA_X
 ClientSampleId :

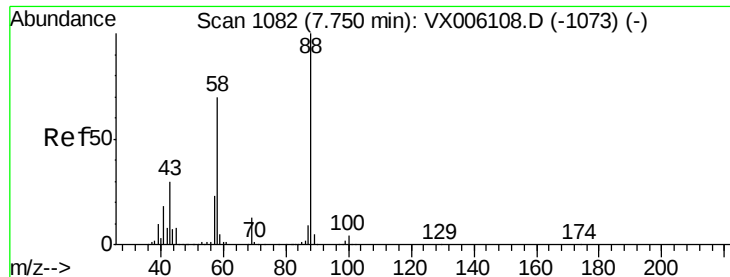
Tot Ion: 83 Resp: 1407
 Ion Ratio Lower Upper
 83 100
 85 67.4 50.4 75.6
 127 19.0 7.0 10.4#



#48
 Methyl methacrylate
 Concen: 2.843 ug/l
 RT: 7.68 min Scan# 1071
 Delta R.T. -0.09 min
 Lab File: VX006197.D
 Acq: 27 Nov 2018 01:51

Tgt Ion: 41 Resp: 9563
 Ion Ratio Lower Upper
 41 100
 69 1.2 62.8 94.2#
 39 0.0 43.8 65.6#

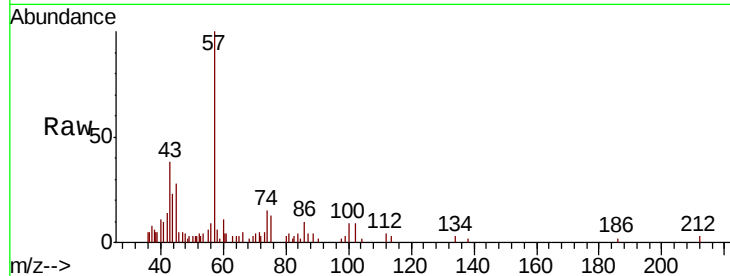




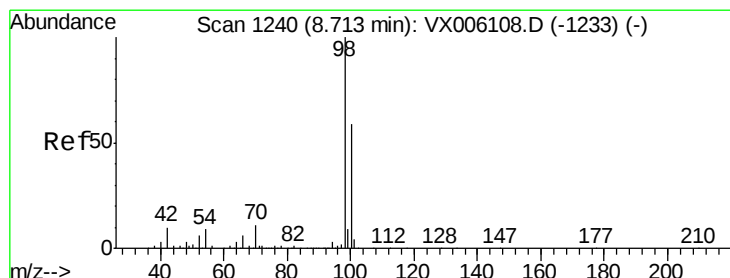
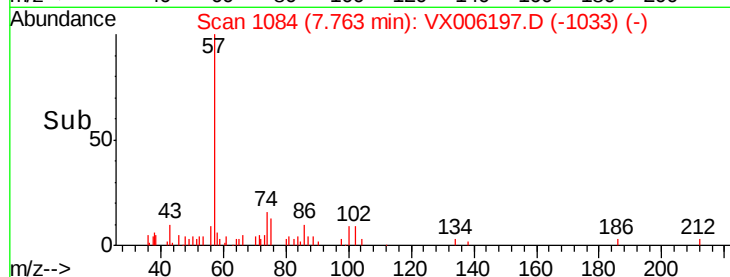
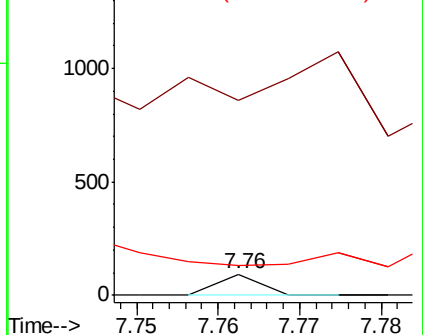
#49
 1,4-Dioxane
 Concen: 0.426 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: VX006197.D
 Acq: 27 Nov 2018 01:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 34
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.7 40.1#
 58 0.0 58.5 87.7#

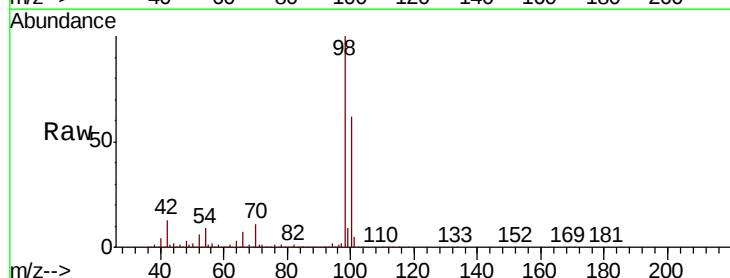


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

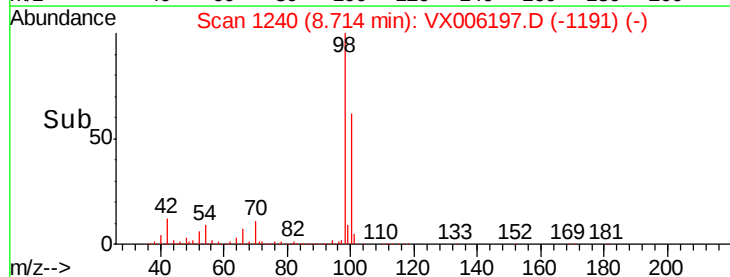
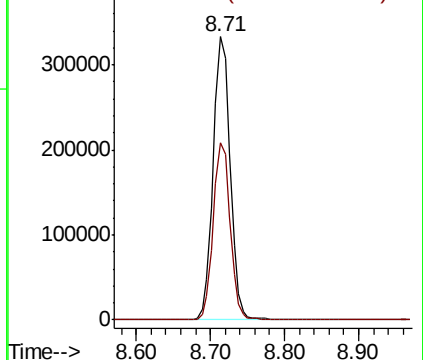


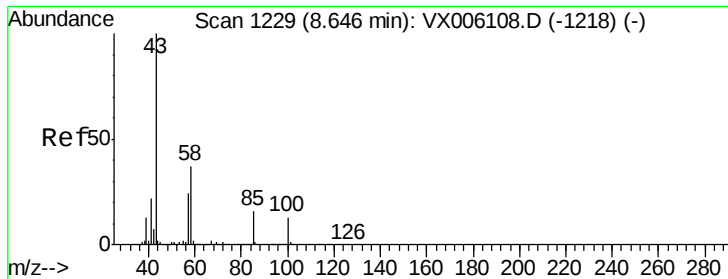
#50
 Toluene-d8
 Concen: 54.403 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006197.D
 Acq: 27 Nov 2018 01:51

Tgt Ion: 98 Resp: 522660
 Ion Ratio Lower Upper
 98 100
 100 62.4 51.0 76.4



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





#51

4-Methyl-2-Pentanone

Concen: 15.576 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

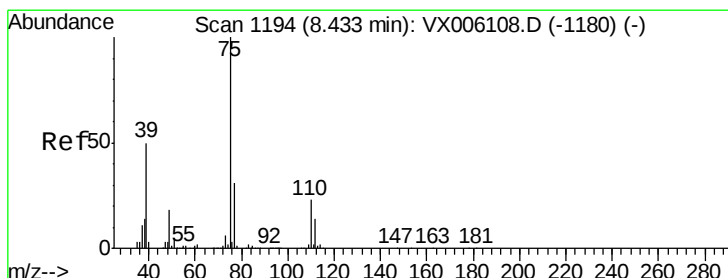
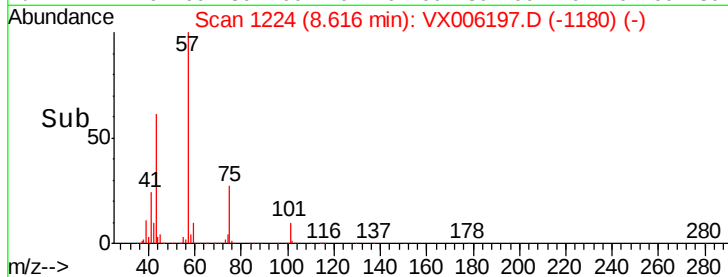
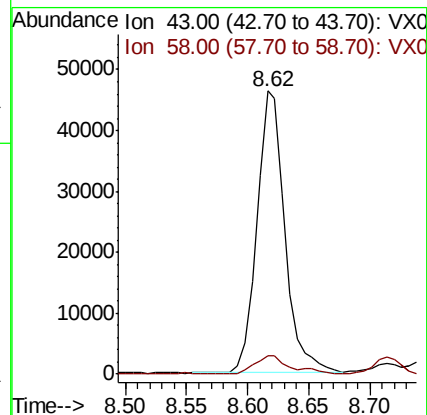
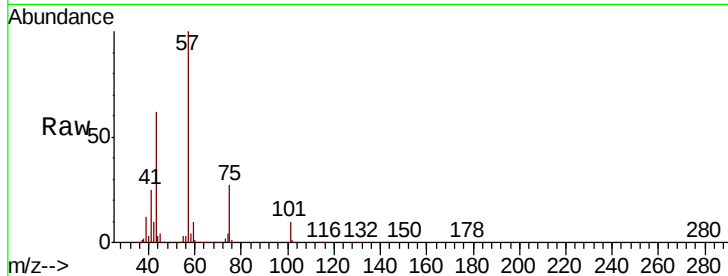
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 74061

Ion Ratio Lower Upper

43 100

58 8.4 29.9 44.9#



#54

cis-1,3-Dichloropropene

Concen: 7.710 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

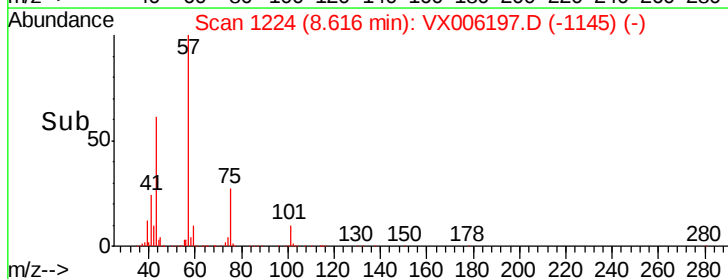
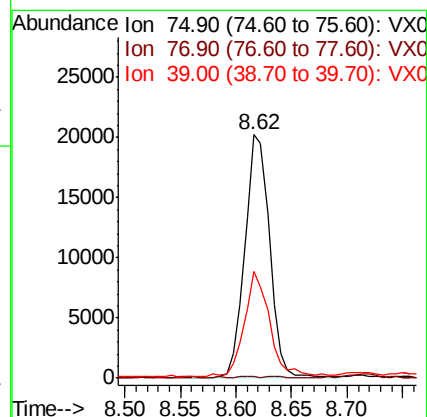
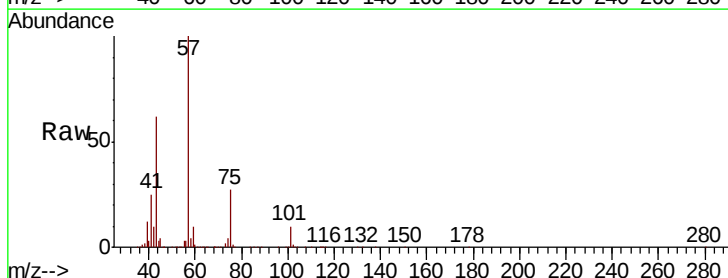
Tgt Ion: 75 Resp: 31356

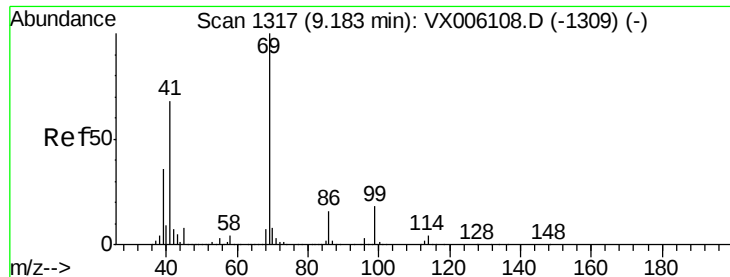
Ion Ratio Lower Upper

75 100

77 0.0 24.7 37.1#

39 43.2 40.3 60.5





#56

Ethyl methacrylate

Concen: 2.907 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :
MSVOA_X
ClientSampled :

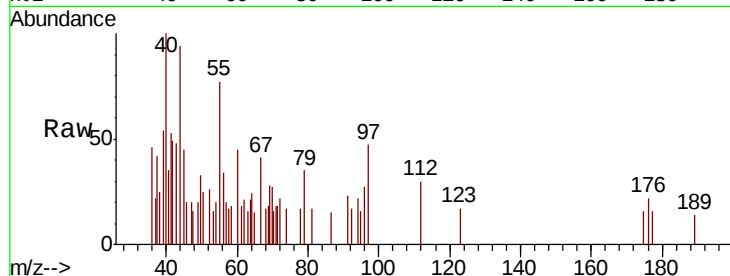
Tot Ion: 69 Resp: 193

Ion Ratio Lower Upper

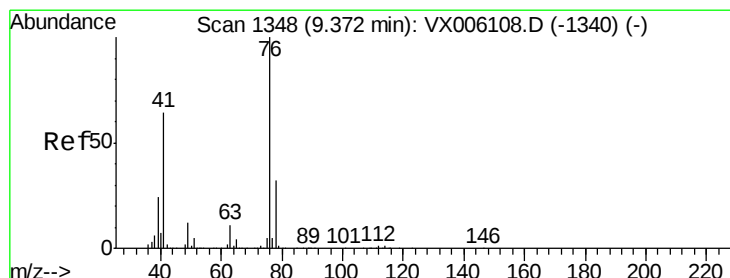
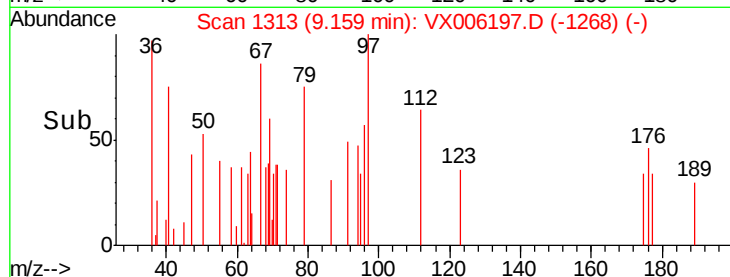
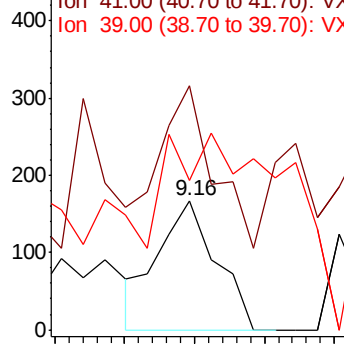
69 100

41 0.0 56.2 84.4#

39 316.1 29.4 44.0#



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: 1.612 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006197.D

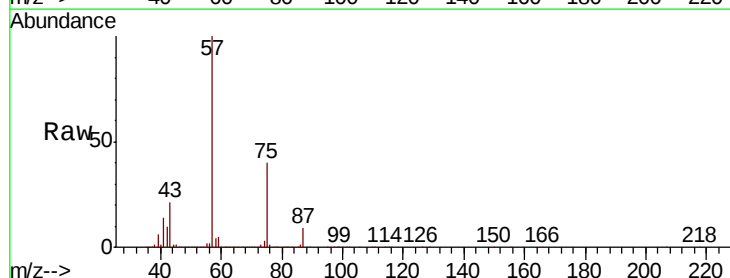
Acq: 27 Nov 2018 01:51

Tgt Ion: 76 Resp: 7488

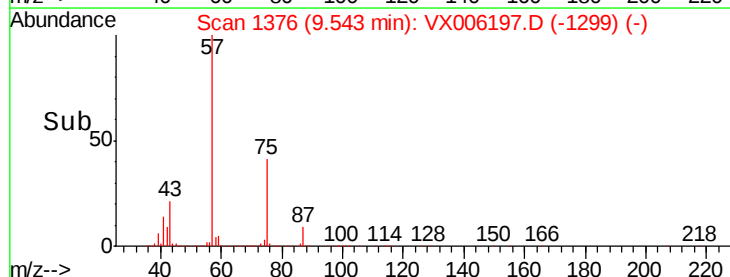
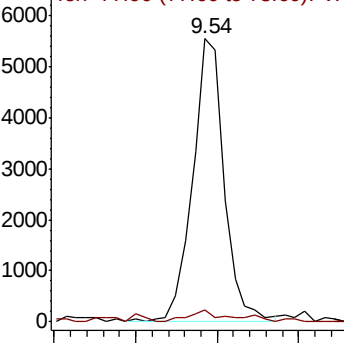
Ion Ratio Lower Upper

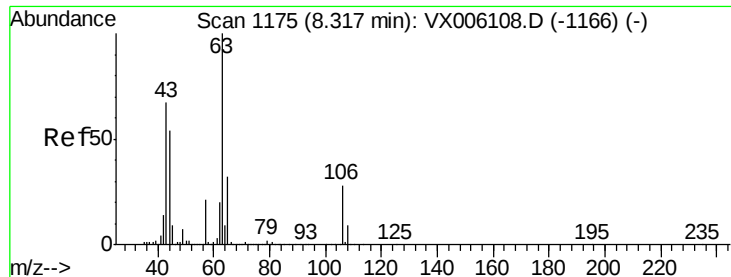
76 100

78 4.3 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

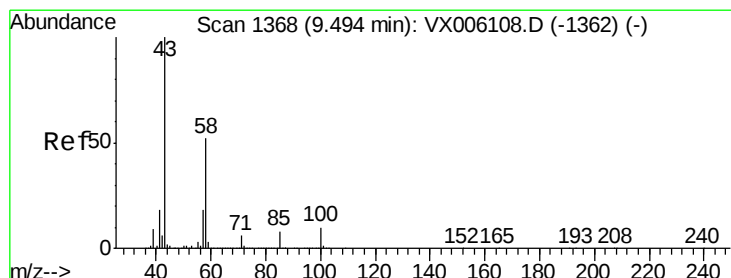
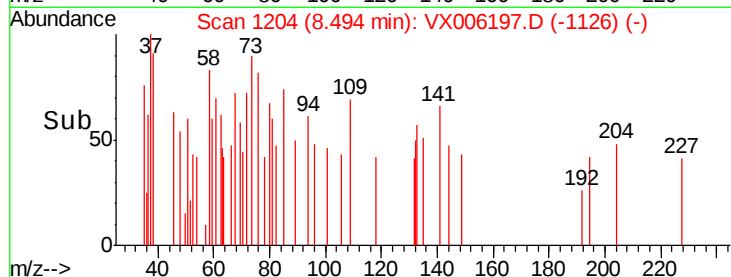
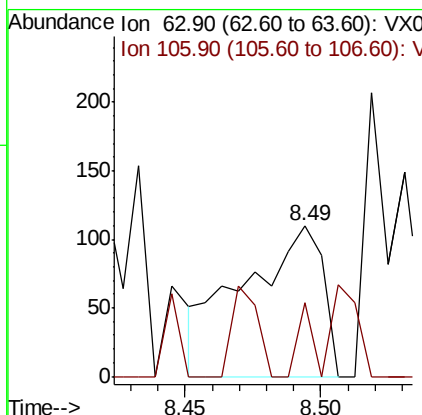
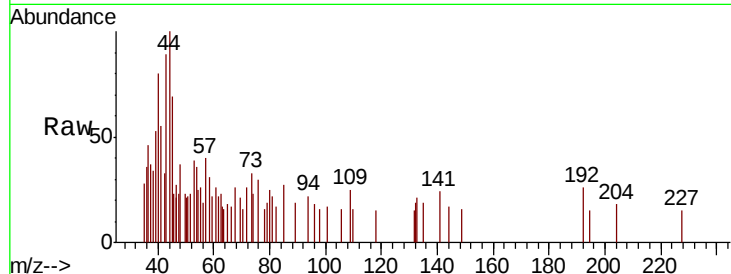




#58
 2-Chloroethyl Vinyl ether
 Concen: 6.811 ug/l
 RT: 8.49 min Scan# 1204
 Delta R.T. 0.18 min
 Lab File: VX006197.D
 Acq: 27 Nov 2018 01:51

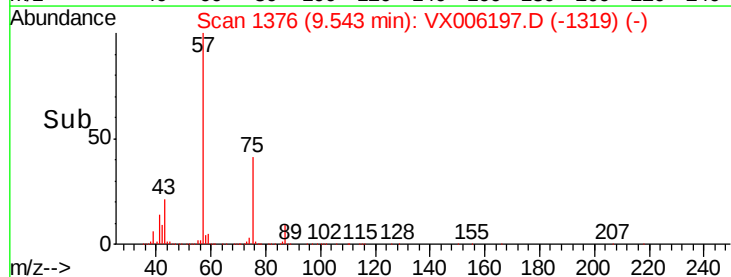
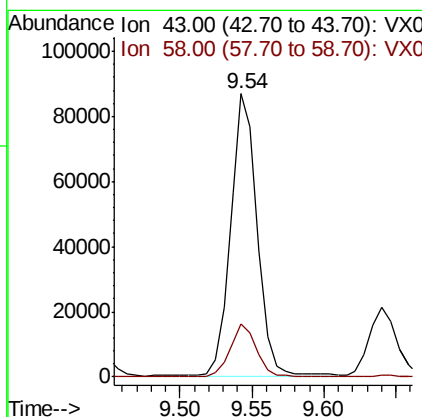
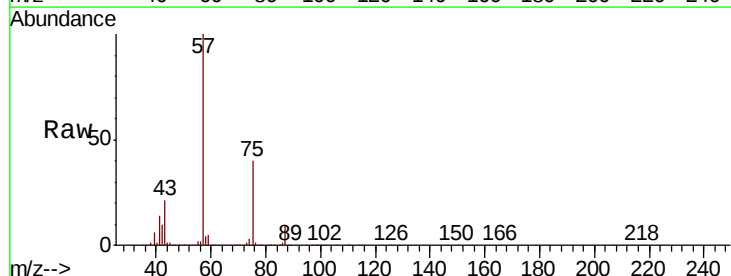
Instrument :
 MSVOA_X
 ClientSampleId :

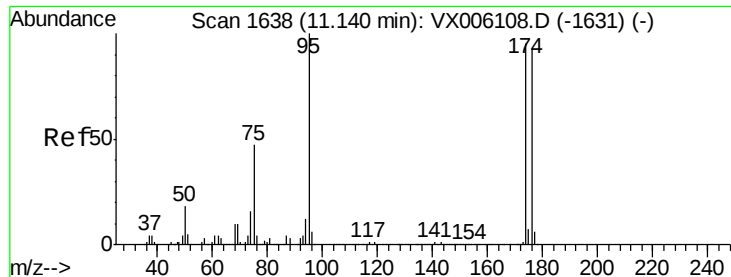
Tot Ion: 63 Resp: 224
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.7 32.5



#59
 2-Hexanone
 Concen: 29.669 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX006197.D
 Acq: 27 Nov 2018 01:51

Tgt Ion: 43 Resp: 111960
 Ion Ratio Lower Upper
 43 100
 58 18.4 26.3 78.9#





#62

4-Bromofluorobenzene

Concen: 47.049 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

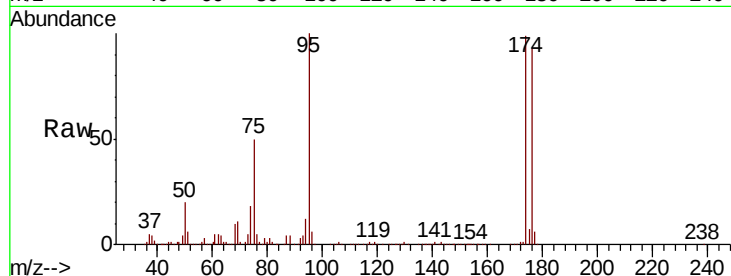
Tot Ion: 95 Resp: 169594

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.4

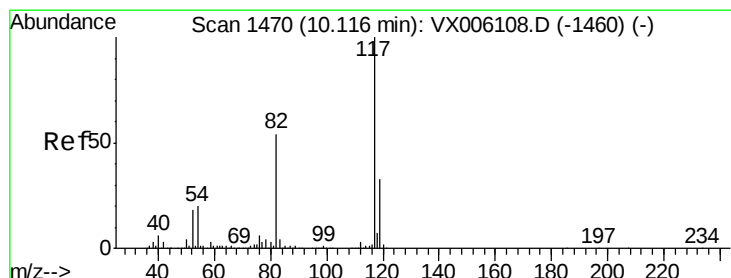
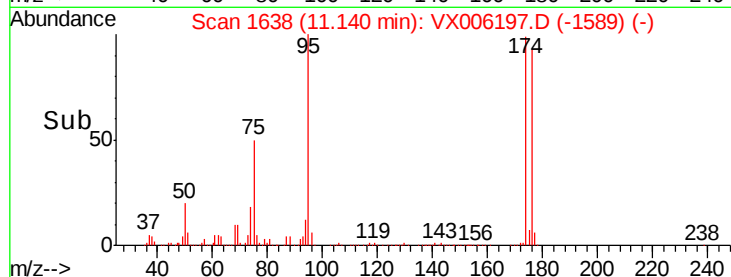
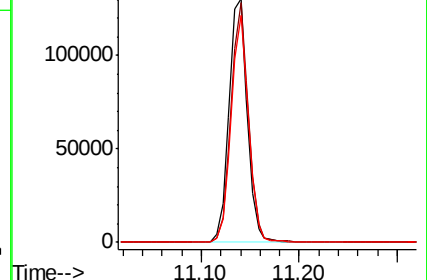
176 89.0 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX006108.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006108.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006108.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

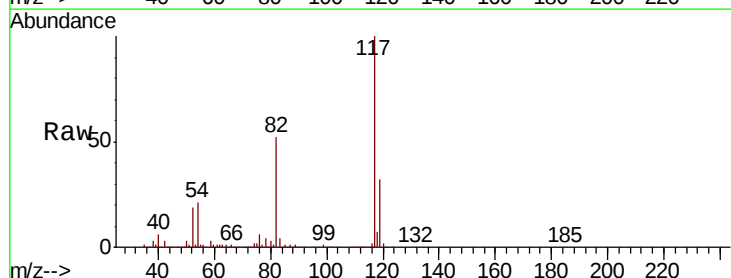
Tgt Ion: 117 Resp: 395224

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

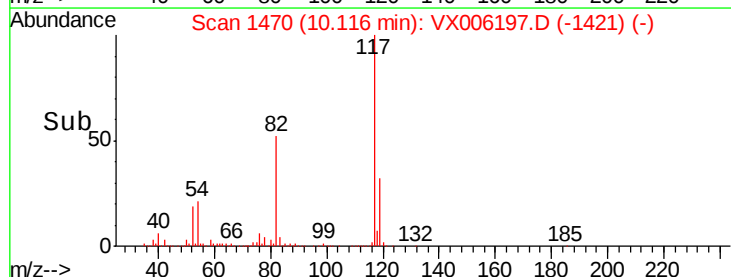
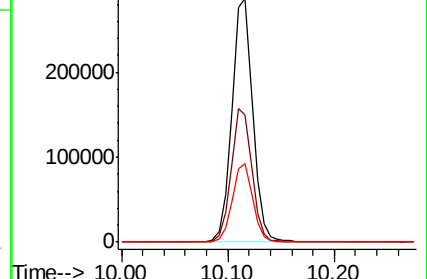
119 32.0 26.1 39.1

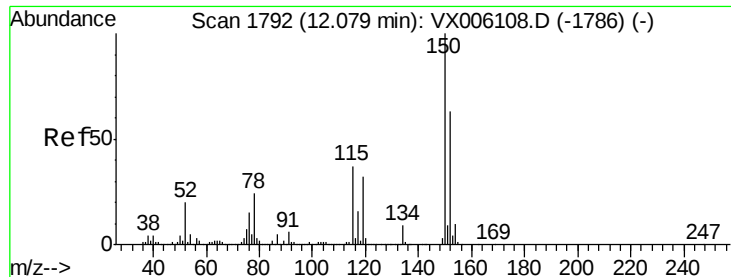


Abundance Ion 116.90 (116.60 to 117.60): VX006108.D (-1460) (-)

Ion 82.00 (81.70 to 82.70): VX006108.D (-1460) (-)

Ion 118.90 (118.60 to 119.60): VX006108.D (-1460) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

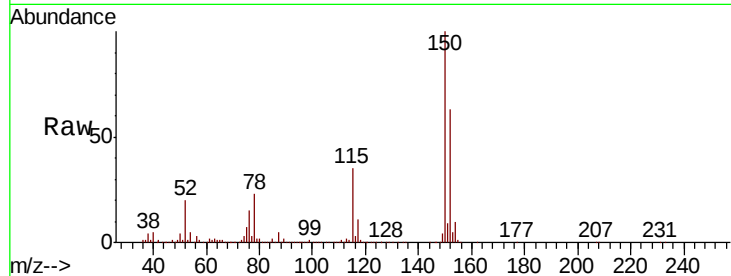
Tot Ion:152 Resp: 185477

Ion Ratio Lower Upper

152 100

115 55.2 39.0 116.9

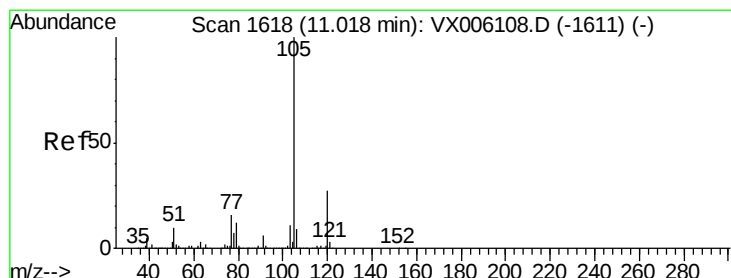
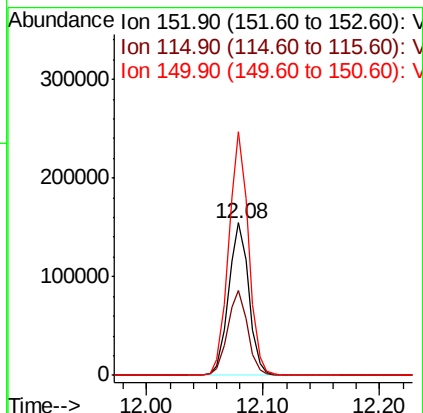
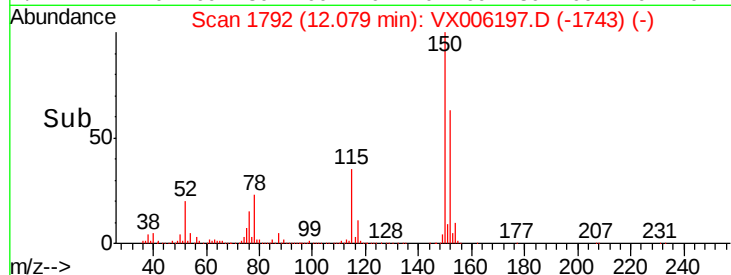
150 157.2 0.0 346.6



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: 0.367 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006197.D

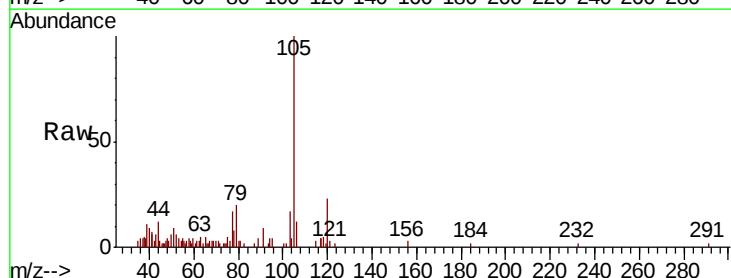
Acq: 27 Nov 2018 01:51

Tgt Ion:105 Resp: 4120

Ion Ratio Lower Upper

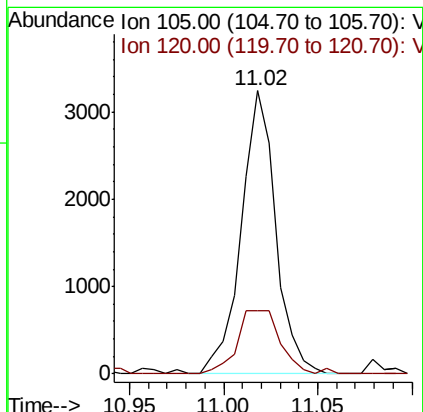
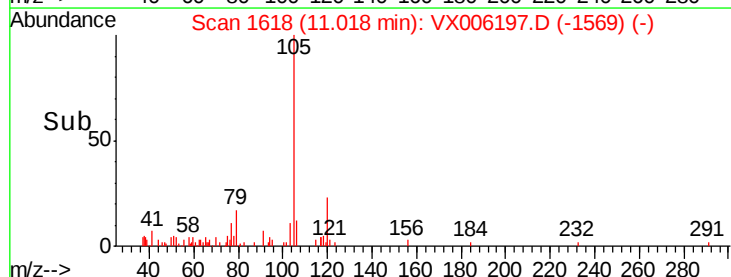
105 100

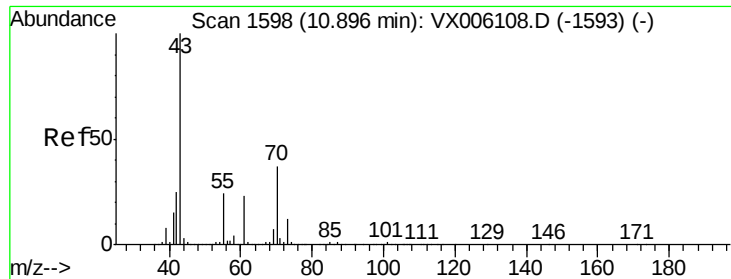
120 27.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.260 ug/l

RT: 10.93 min Scan# 1604

Delta R.T. 0.04 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 406

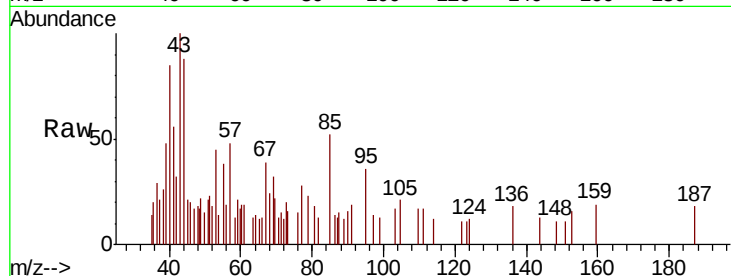
Ion Ratio Lower Upper

43 100

70 58.9 31.8 47.6#

55 132.0 19.5 29.3#

61 0.0 18.6 27.8#

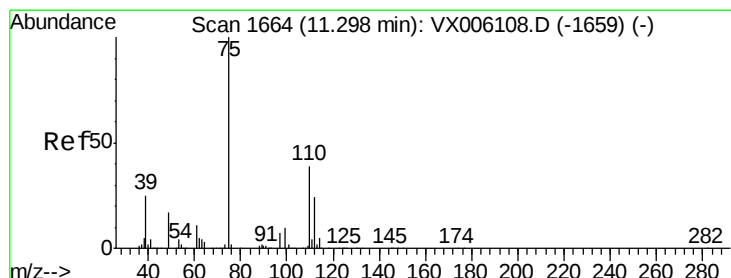
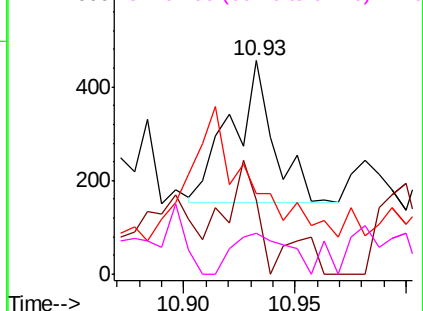
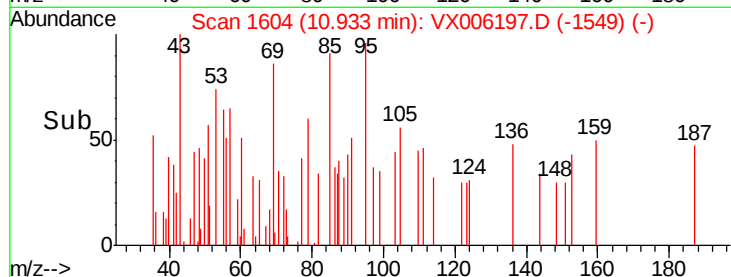


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.885 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006197.D

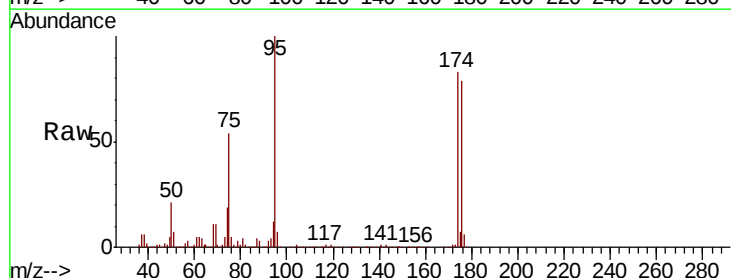
Acq: 27 Nov 2018 01:51

Tgt Ion: 75 Resp: 87389

Ion Ratio Lower Upper

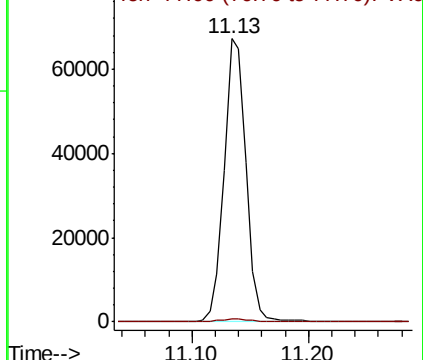
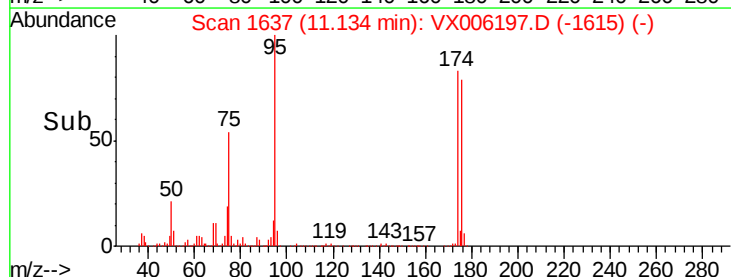
75 100

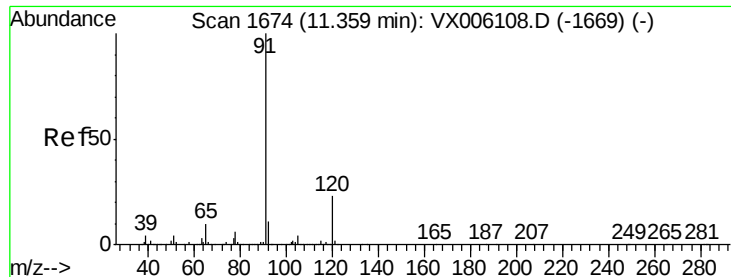
77 1.5 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.608 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

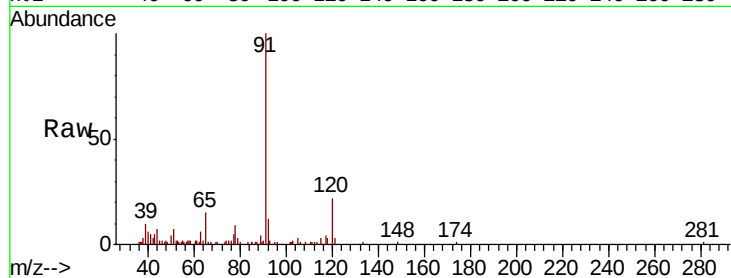
ClientSampleId :

Tot Ion: 91 Resp: 7940

Ion Ratio Lower Upper

91 100

120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1669) (-)

Ion 120.00 (119.70 to 120.70): VX006108.D (-1669) (-)

11.36

6000

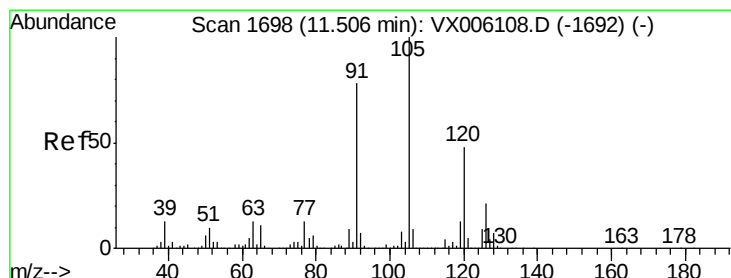
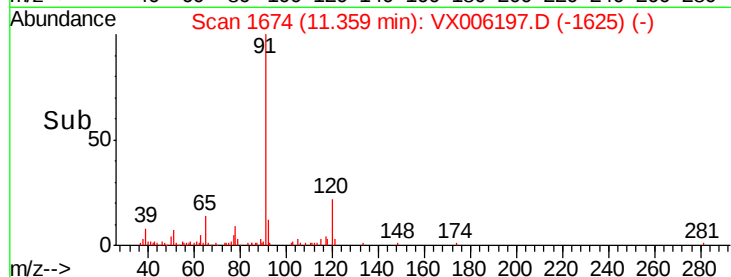
4000

2000

0

11.30 11.35 11.40

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.262 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006197.D

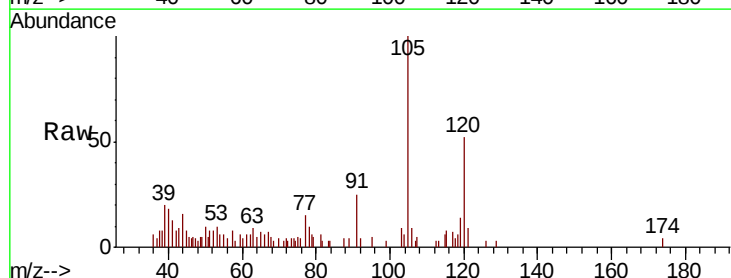
Acq: 27 Nov 2018 01:51

Tgt Ion: 105 Resp: 2483

Ion Ratio Lower Upper

105 100

120 51.9 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006108.D (-1692) (-)

11.51

2000

1500

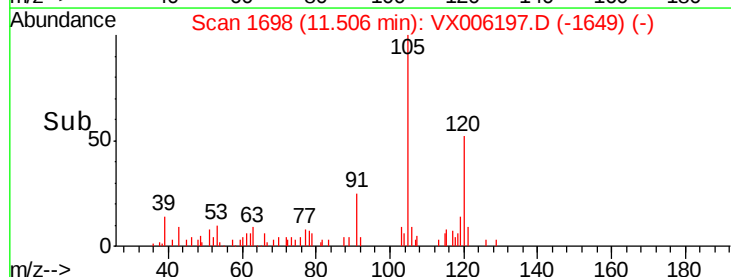
1000

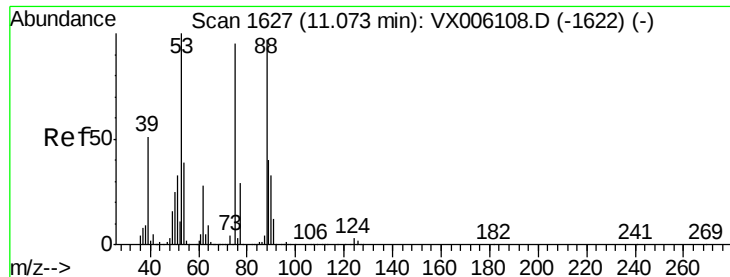
500

0

11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 77.403 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

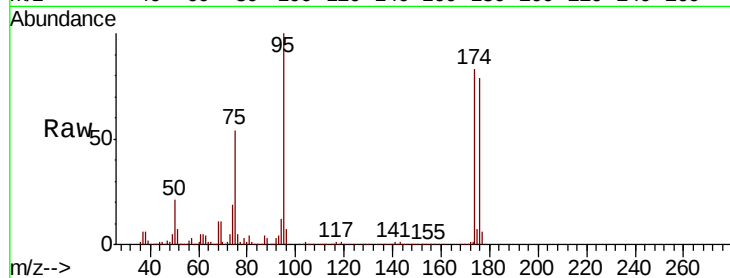
Tot Ion: 75 Resp: 87389

Ion Ratio Lower Upper

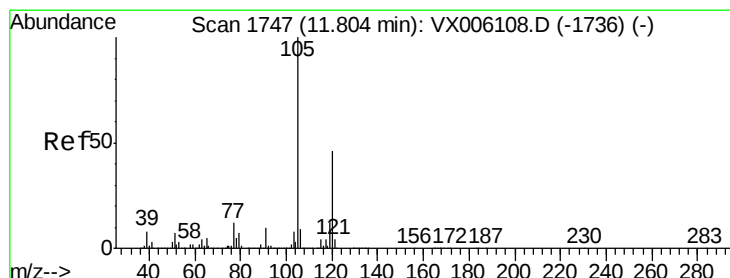
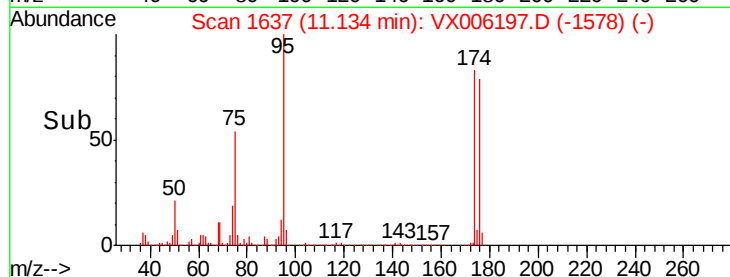
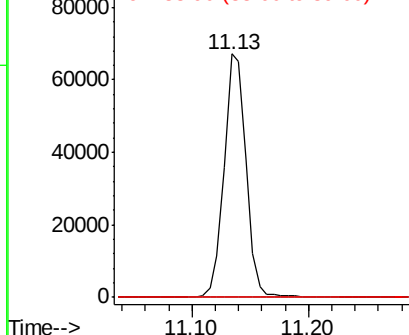
75 100

53 0.3 85.3 127.9#

89 0.1 37.2 55.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.265 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006197.D

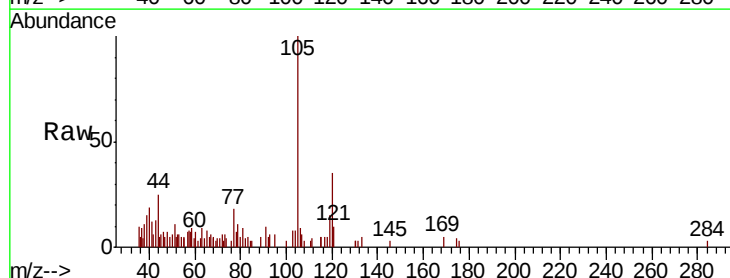
Acq: 27 Nov 2018 01:51

Tgt Ion: 105 Resp: 2558

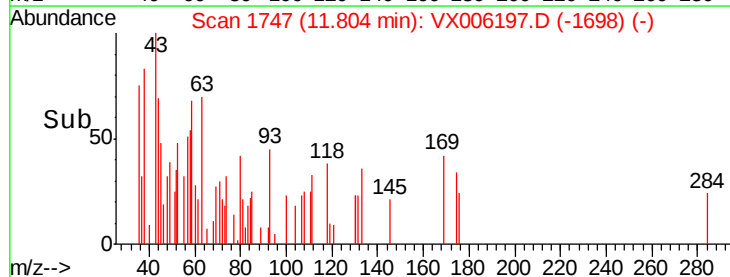
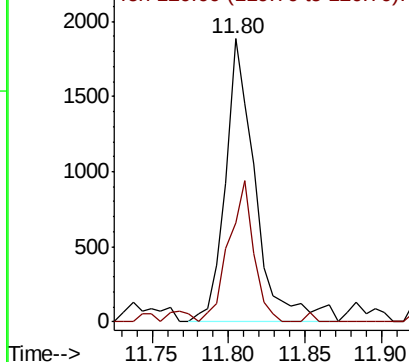
Ion Ratio Lower Upper

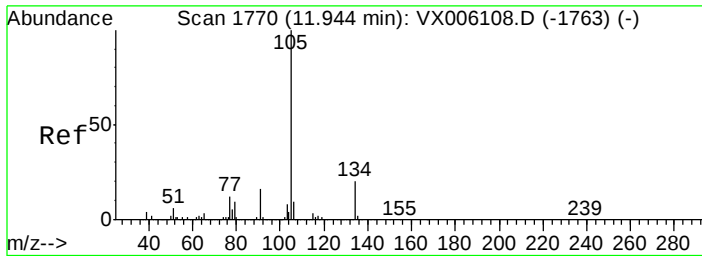
105 100

120 41.7 22.7 68.0



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

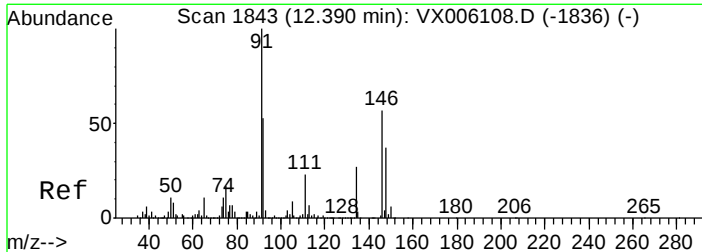
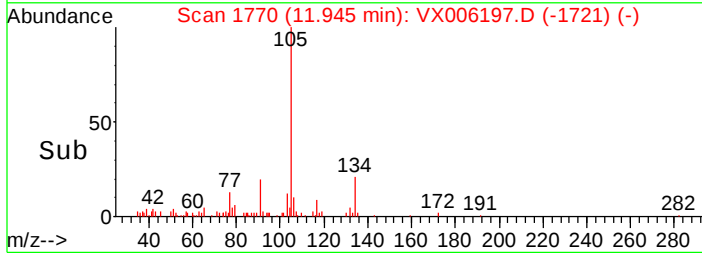
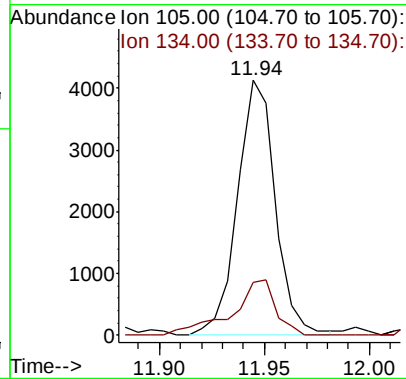
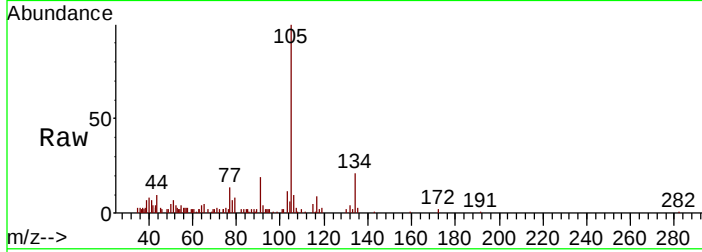




#85
 sec-Butylbenzene
 Concen: 0.458 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006197.D
 Acq: 27 Nov 2018 01:51

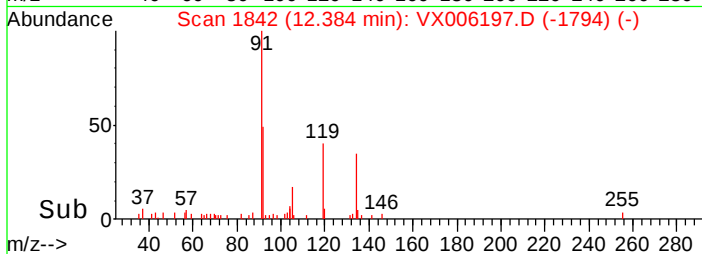
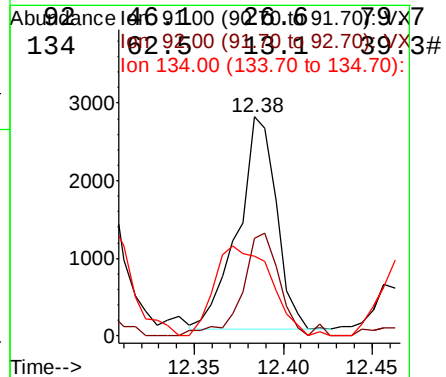
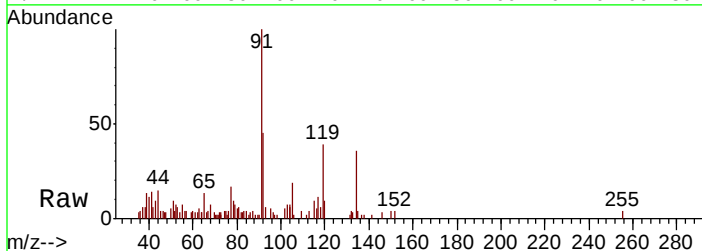
Instrument :
 MSVOA_X
 ClientSampled :

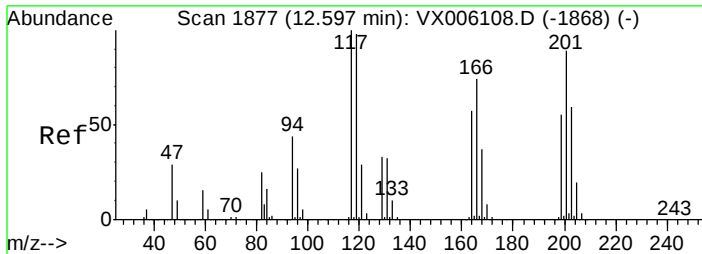
Tgt Ion: 105 Resp: 5176
 Ion Ratio Lower Upper
 105 100
 134 25.0 10.4 31.1



#89
 n-Butylbenzene
 Concen: 0.454 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX006197.D
 Acq: 27 Nov 2018 01:51

Tgt Ion: 91 Resp: 4144
 Ion Ratio Lower Upper
 91 100

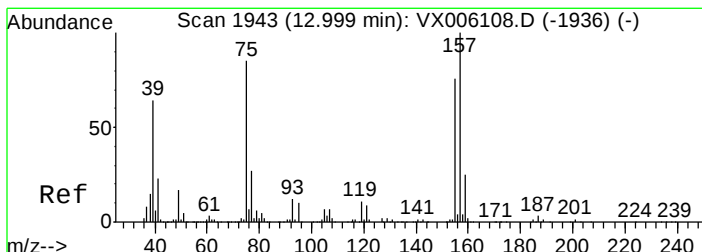
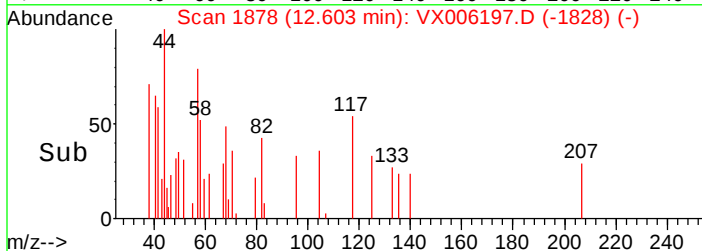
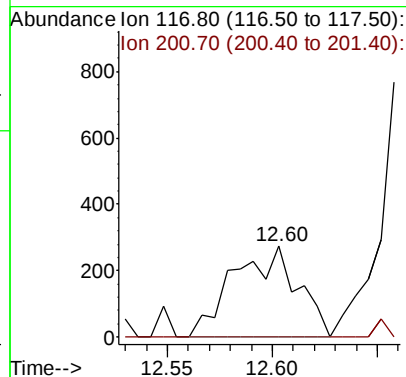
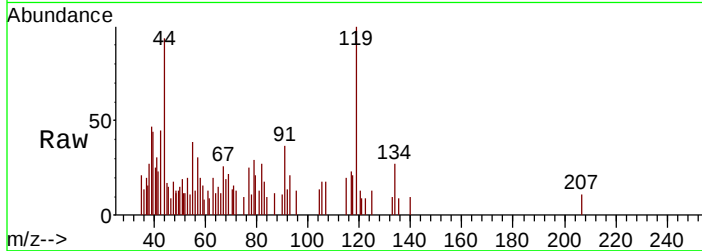




#90
Hexachloroethane
Concen: 0.364 ug/l
RT: 12.60 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

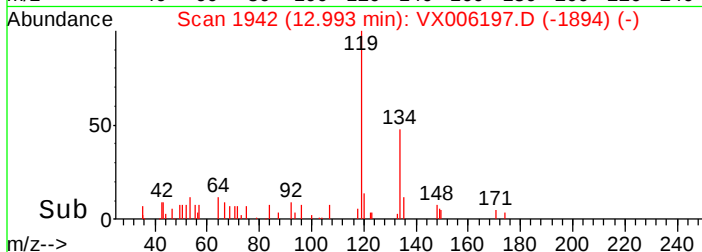
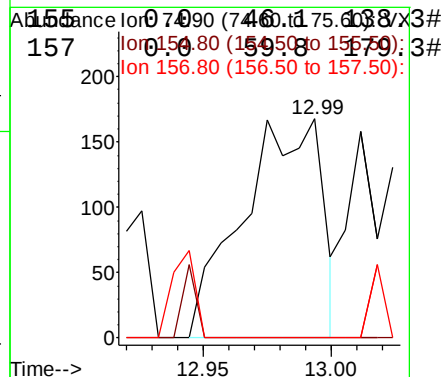
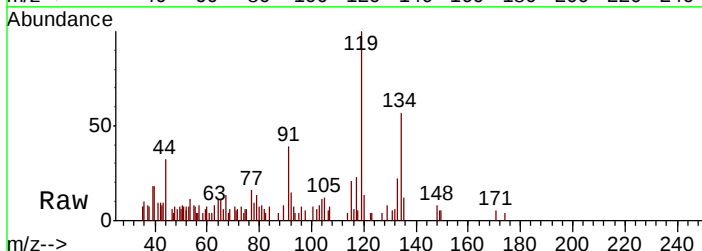
Instrument :
MSVOA_X
ClientSampleId :

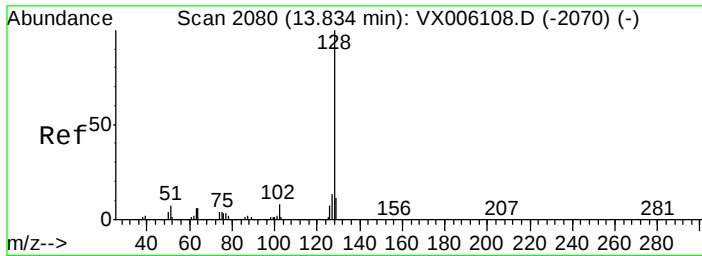
Tgt Ion: 117 Resp: 585
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.368 ug/l
RT: 12.99 min Scan# 1942
Delta R.T. -0.01 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

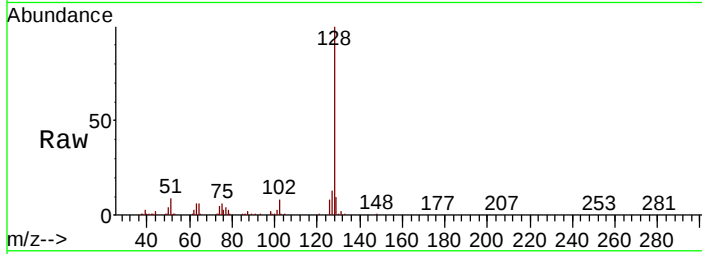
Tgt Ion: 75 Resp: 361
Ion Ratio Lower Upper
75 100





#95
Naphthalene
Concen: 3.305 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :



Tot Ion:128 Resp: 40575
Ion Ratio Lower Upper
128 100
127 14.3 10.6 15.8
129 12.6 8.8 13.2

