

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112520\
 Data File : VX019662.D
 Acq On : 25 Nov 2020 17:28
 Operator : JC/MD
 Sample : L4835-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20201119

Quant Time: Nov 26 05:00:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	300791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	492557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	155571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185012	47.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.88%
35) Dibromofluoromethane	5.46	113	146226	47.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.60%
50) Toluene-d8	8.70	98	583298	48.55	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.10%
62) 4-Bromofluorobenzene	11.12	95	184354	42.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.30%

Target Compounds

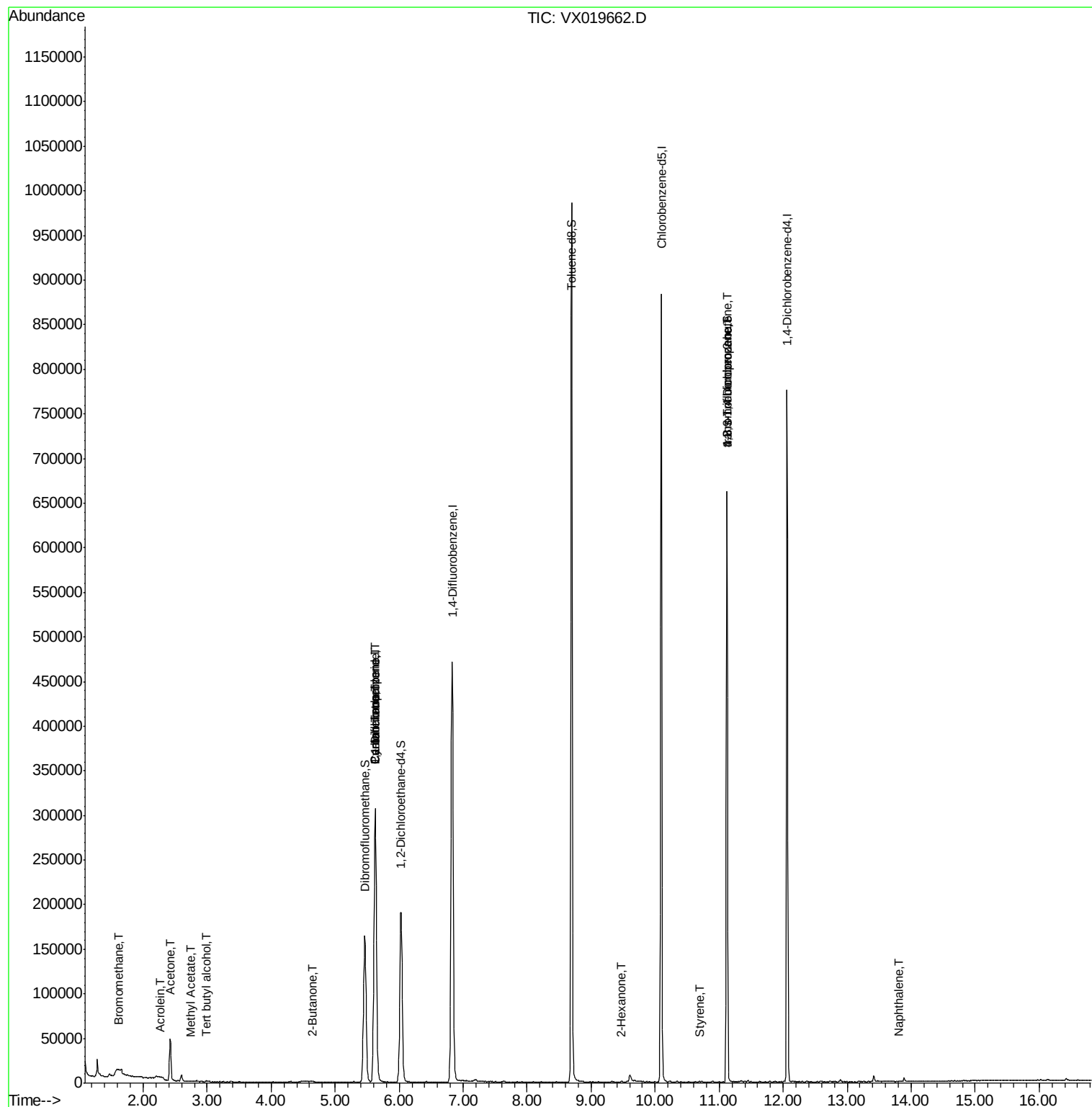
					Qvalue	
5) Bromomethane	1.62	94	352	0.257	ug/l #	30
6) Chloroethane	1.67	64	498	Below Cal	#	44
11) Tert butyl alcohol	2.99	59	868	1.176	ug/l #	73
13) Acrolein	2.28	56	109	0.220	ug/l #	15
16) Acetone	2.42	43	47963	31.801	ug/l	99
18) Methyl Acetate	2.75	43	595	0.793	ug/l	92
25) 2-Butanone	4.65	43	2163	0.955	ug/l	91
31) Cyclohexane	5.63	56	5810	1.145	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22755	4.928	ug/l #	49
38) Carbon Tetrachloride	5.62	117	29198	6.533	ug/l #	17
59) 2-Hexanone	9.48	43	1012	0.314	ug/l	66
70) Styrene	10.70	104	92	1.655	ug/l #	75
76) 1,2,3-Trichloropropane	11.12	75	90780	26.739	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	90780	70.338	ug/l #	12
95) Naphthalene	13.82	128	621	2.230	ug/l #	75

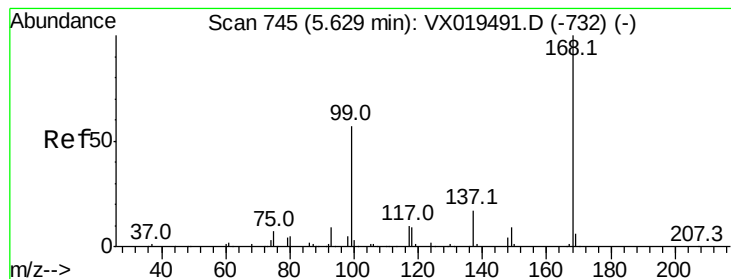
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
EB01-20201119

Quant Time: Nov 26 05:00:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

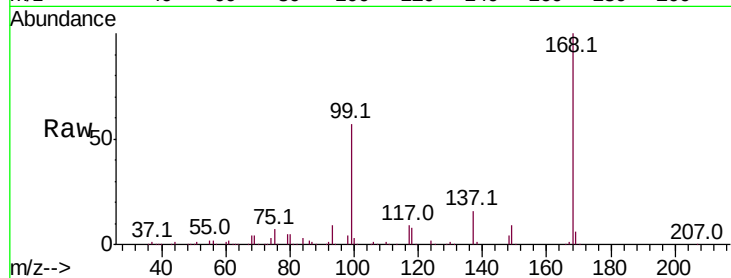
EB01-20201119

Tot Ion:168 Resp: 300791

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

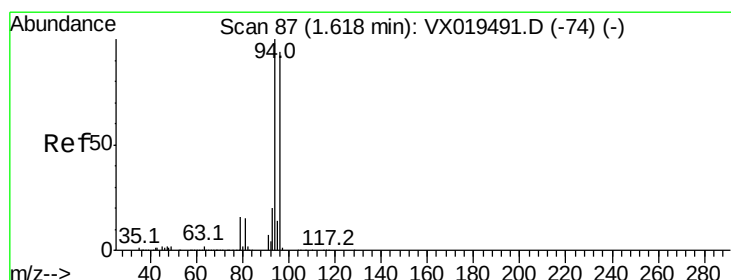
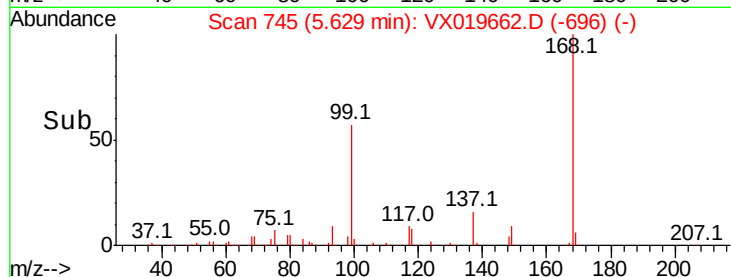
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.257 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019662.D

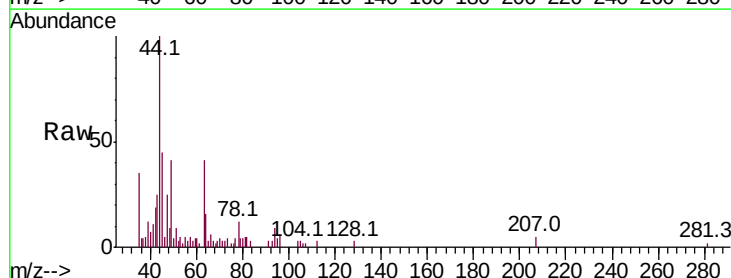
Acq: 25 Nov 2020 17:28

Tgt Ion: 94 Resp: 352

Ion Ratio Lower Upper

94 100

96 26.5 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

250

200

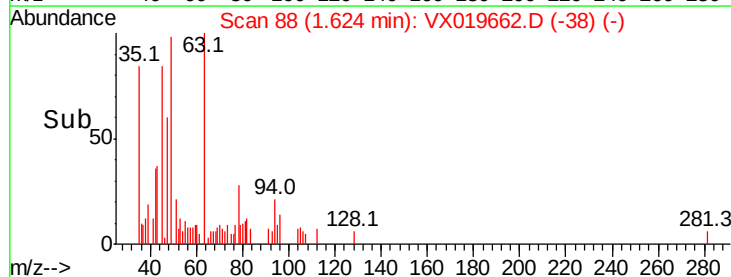
150

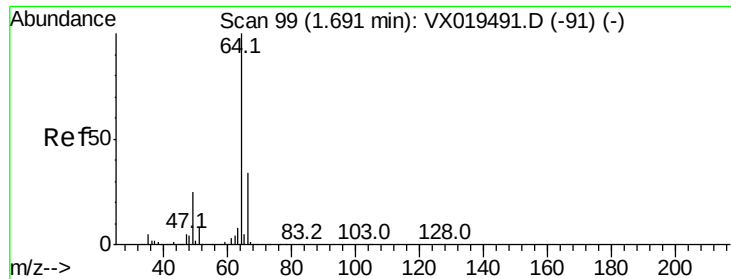
100

50

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 95

Delta R.T. -0.02 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

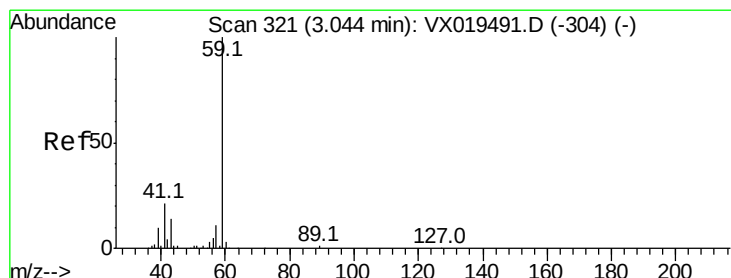
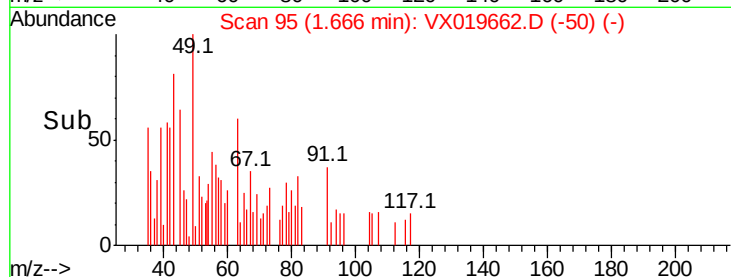
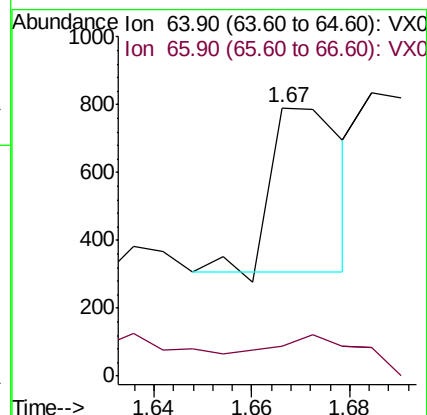
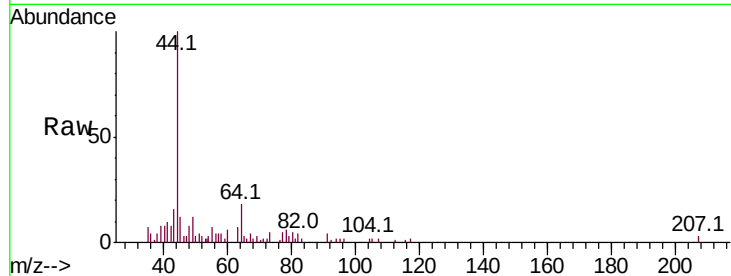
EB01-20201119

Tot Ion: 64 Resp: 498

Ion Ratio Lower Upper

64 100

66 1.9 27.1 40.7#



#11

Tert butyl alcohol

Concen: 1.176 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.06 min

Lab File: VX019662.D

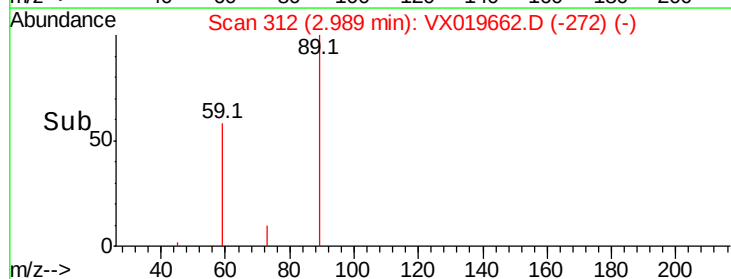
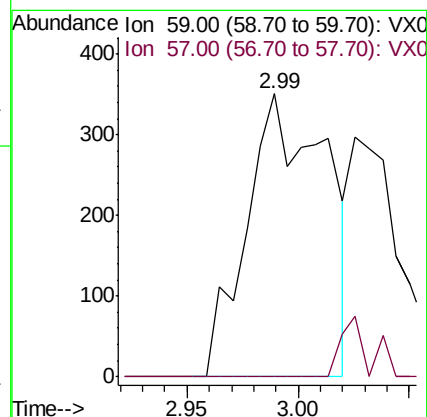
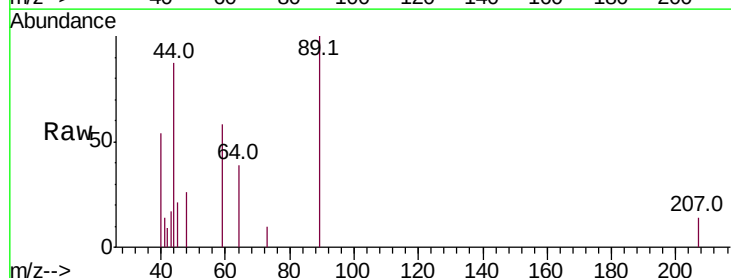
Acq: 25 Nov 2020 17:28

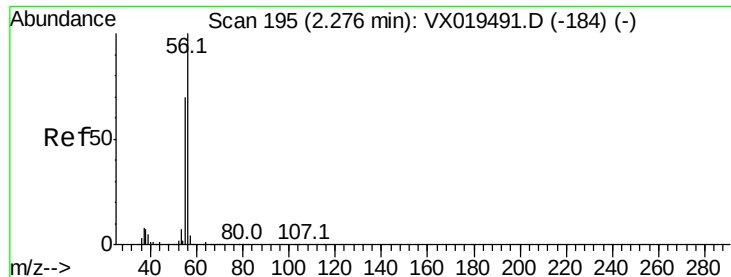
Tgt Ion: 59 Resp: 868

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#

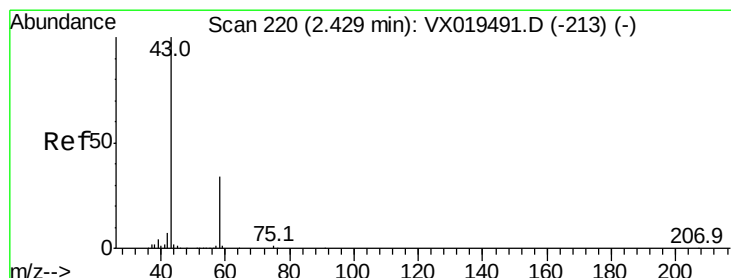
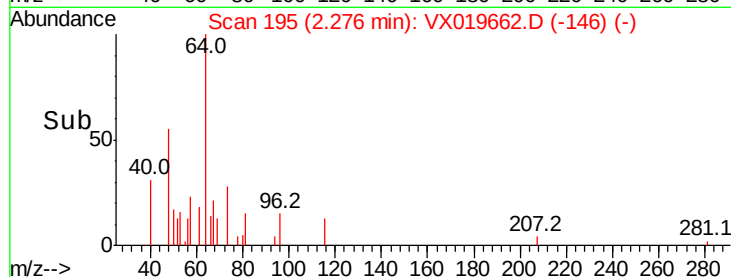
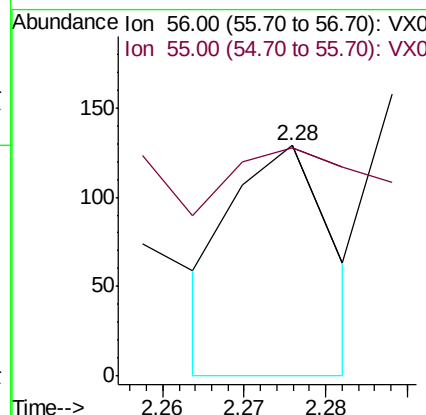
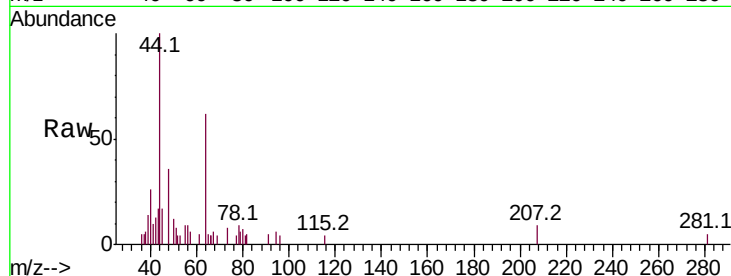




#13
Acrolein
Concen: 0.220 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

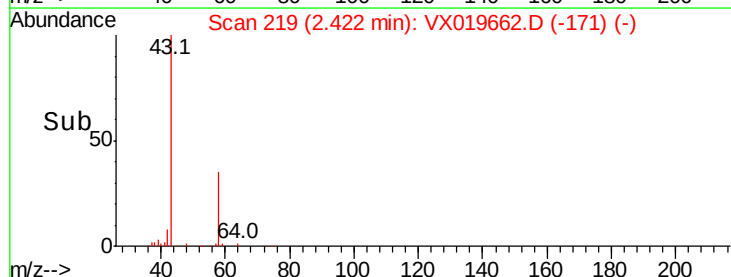
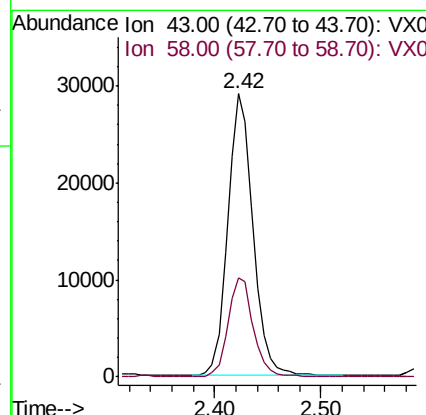
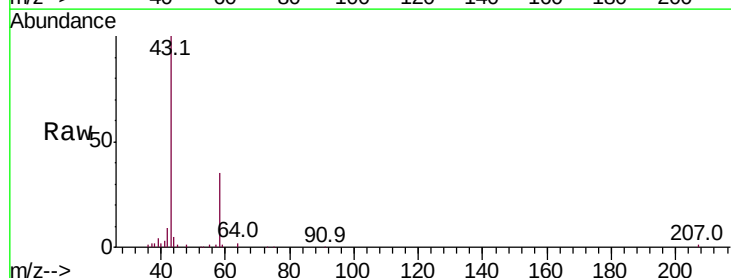
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201119

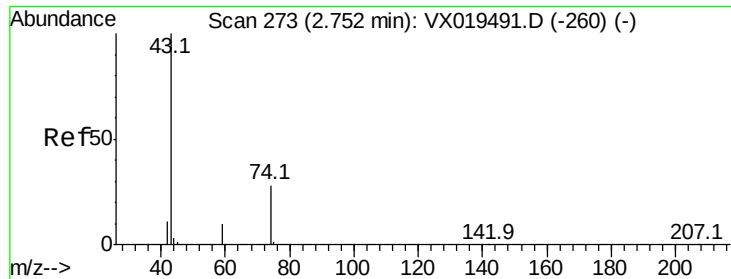
Tot Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#



#16
Acetone
Concen: 31.801 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 43 Resp: 47963
Ion Ratio Lower Upper
43 100
58 34.9 27.4 41.2

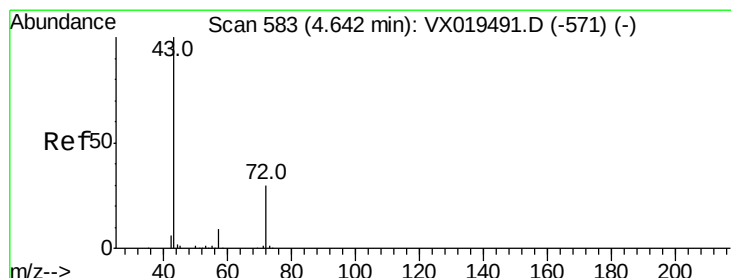
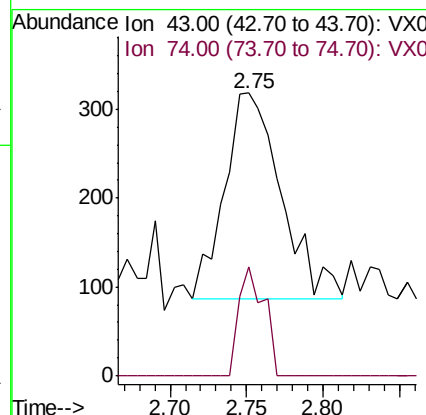
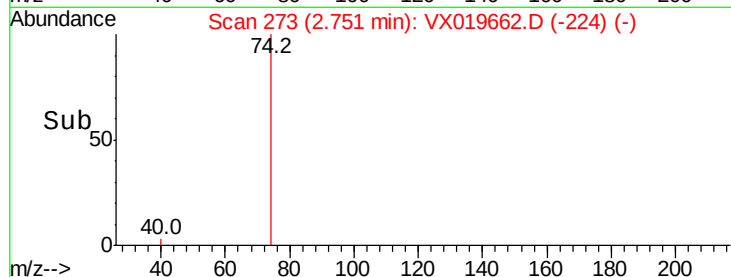
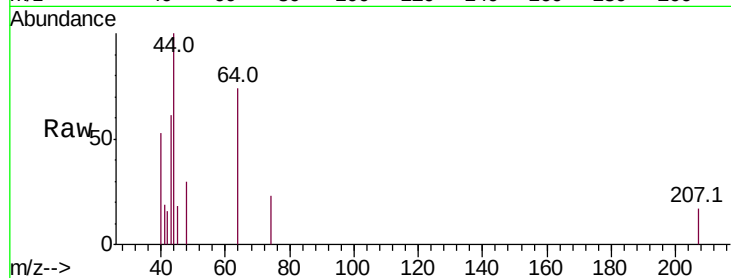




#18
Methyl Acetate
Concen: 0.793 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

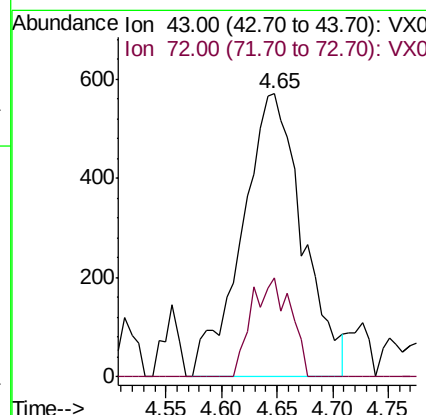
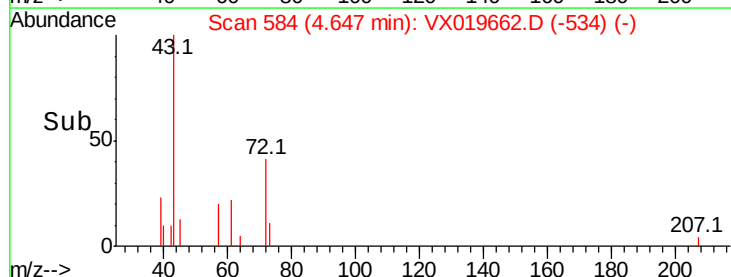
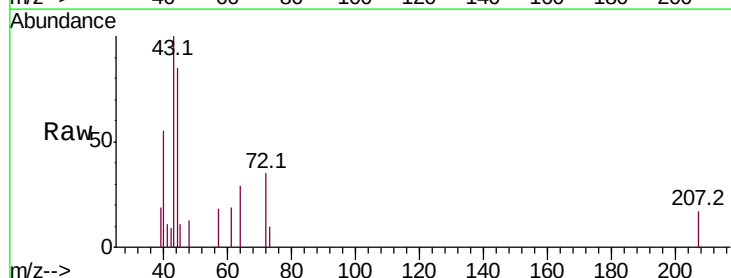
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201119

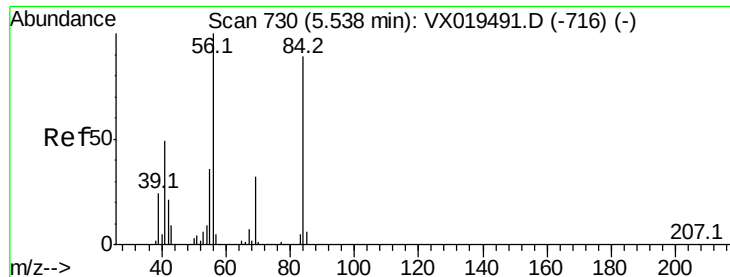
Tot Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
74 23.5 22.2 33.4



#25
2-Butanone
Concen: 0.955 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 43 Resp: 2163
Ion Ratio Lower Upper
43 100
72 34.9 24.0 36.0

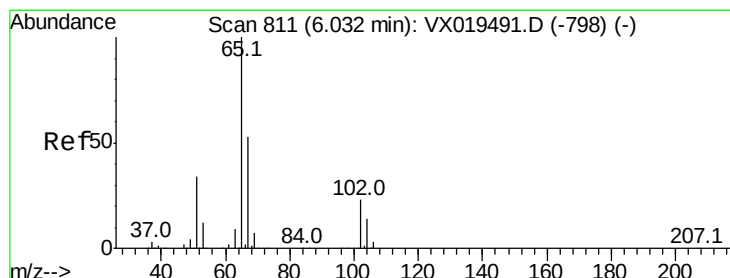
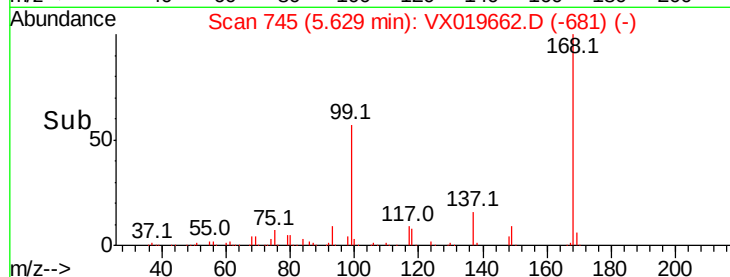
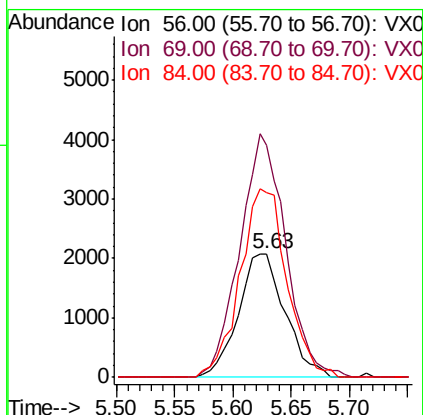
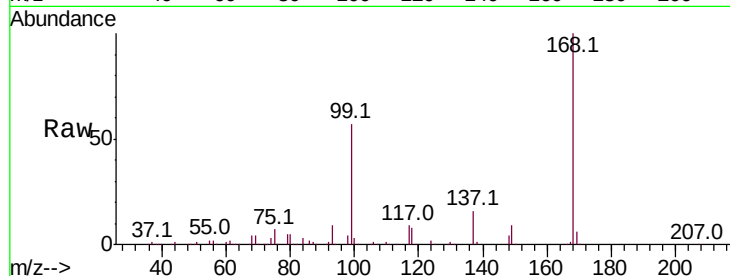




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

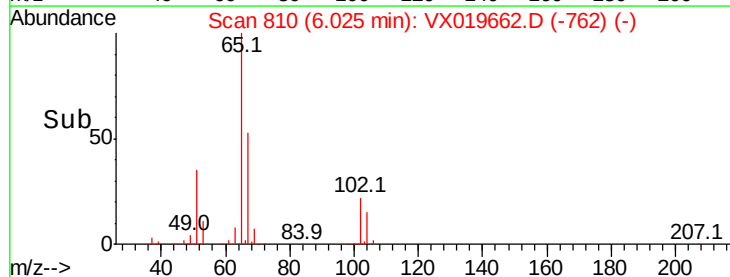
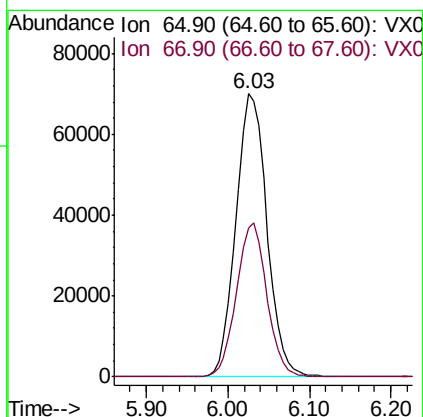
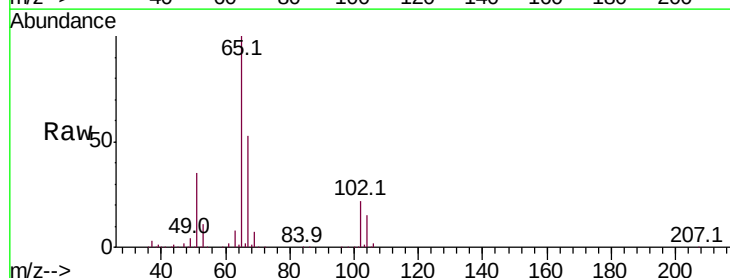
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201119

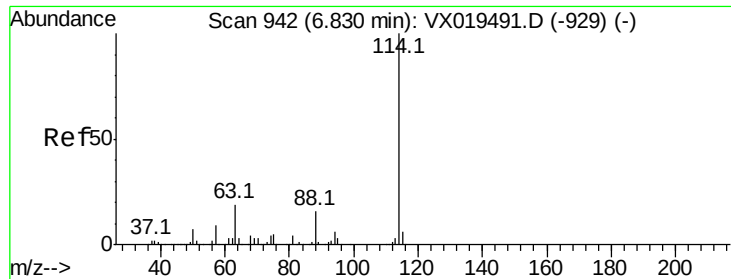
Tot Ion: 56 Resp: 5810
Ion Ratio Lower Upper
56 100
69 187.4 25.5 38.3#
84 148.8 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 47.439 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 65 Resp: 185012
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

EB01-20201119

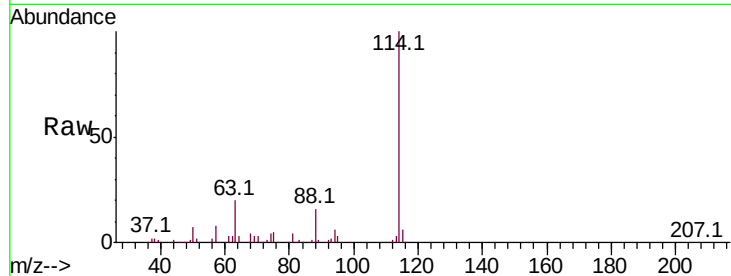
Tot Ion:114 Resp: 492557

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

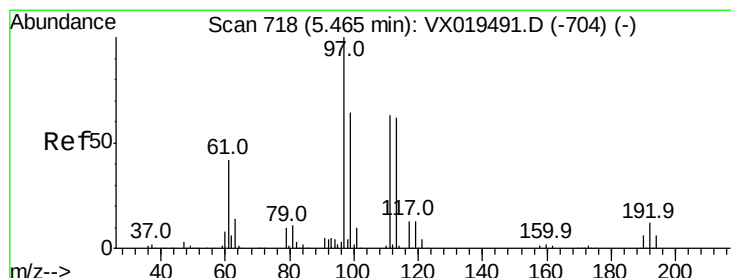
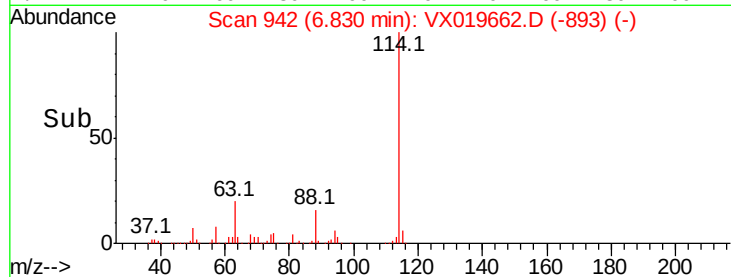
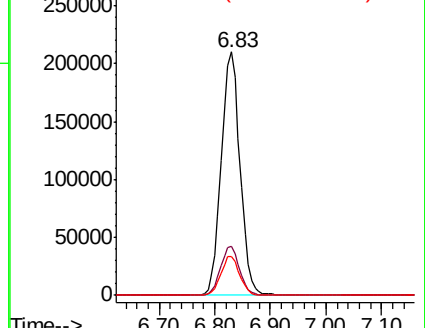
88 16.1 0.0 31.6



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: 47.295 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

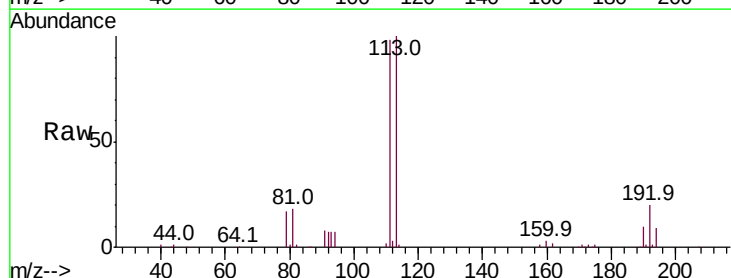
Tgt Ion:113 Resp: 146226

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

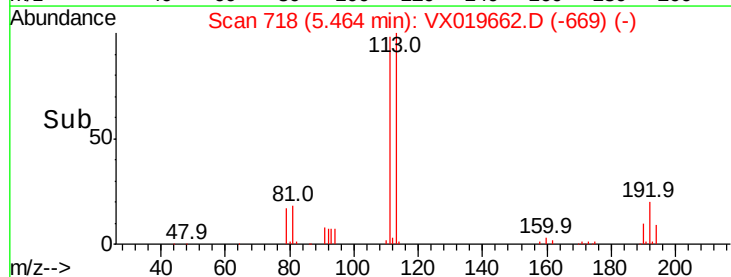
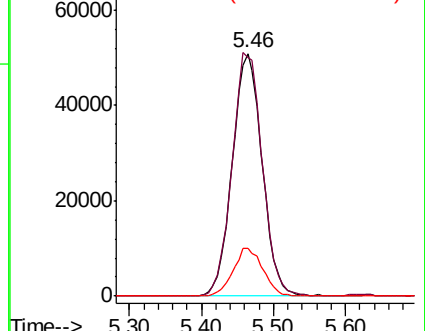
192 19.6 16.2 24.2

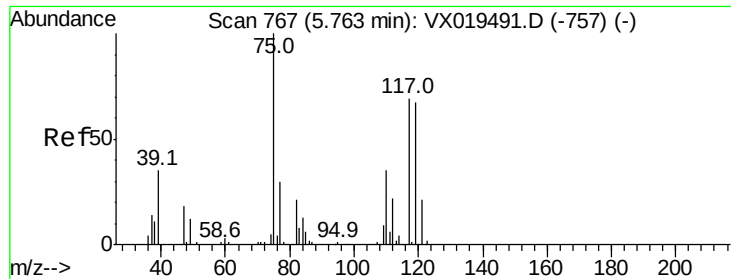


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.928 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

Instrument :

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ClientSampleId :

EB01-20201119

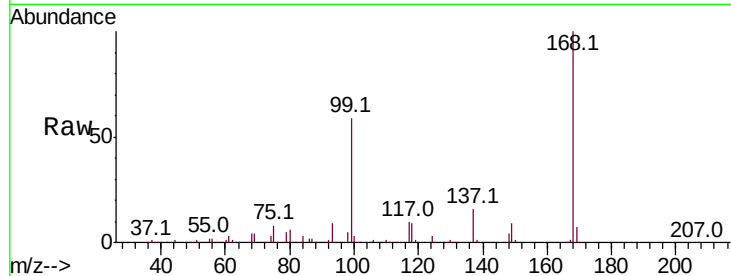
Tot Ion: 75 Resp: 22755

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.3#

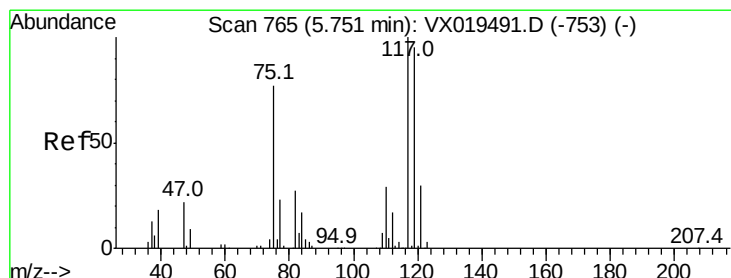
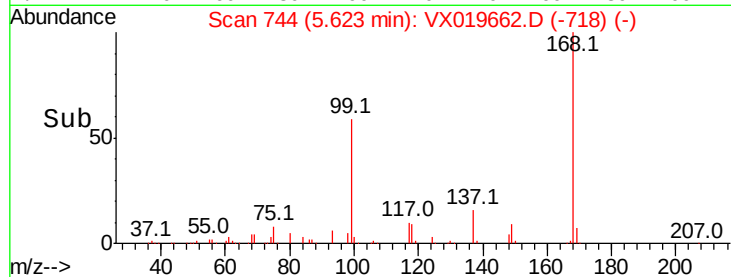
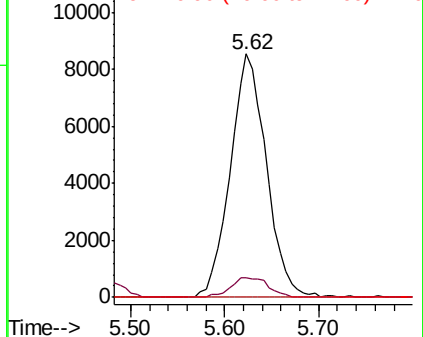
77 0.0 24.2 36.4#



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: 6.533 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

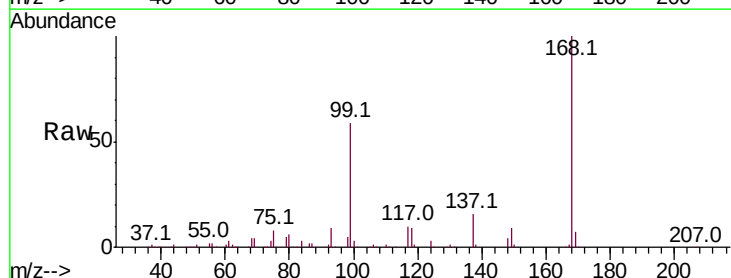
Tgt Ion: 117 Resp: 29198

Ion Ratio Lower Upper

117 100

119 5.7 75.9 113.9#

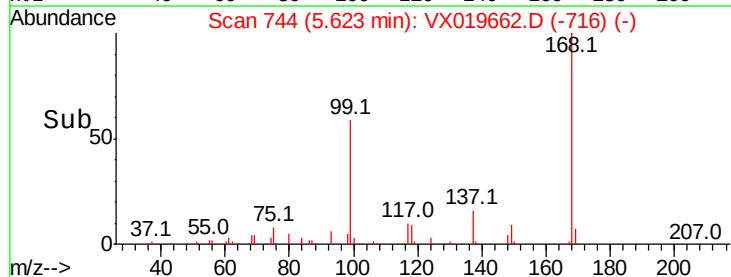
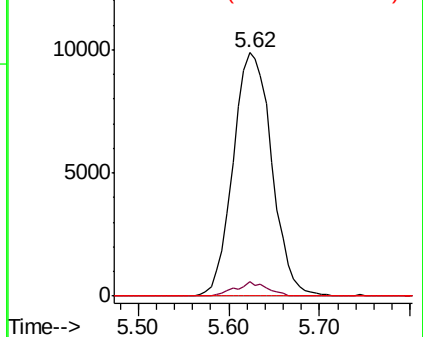
121 0.0 24.0 36.0#

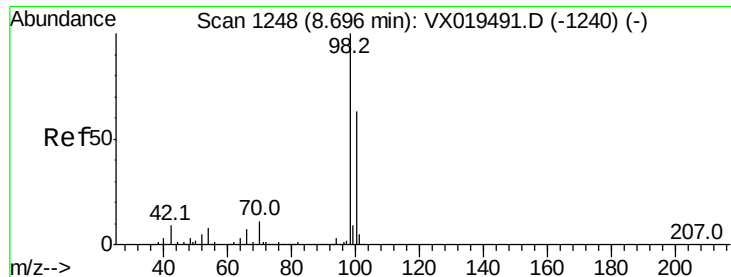


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

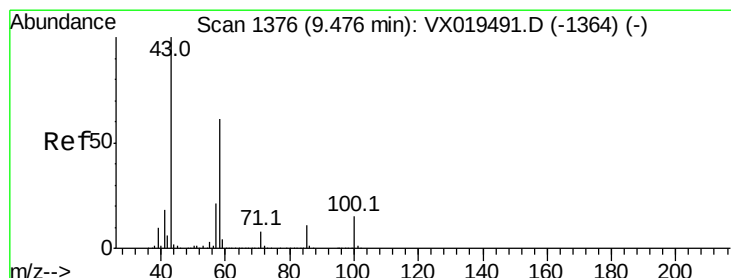
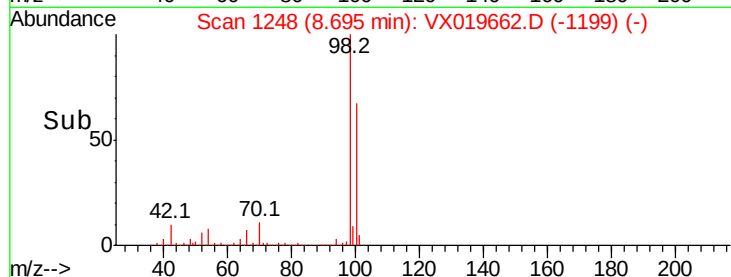
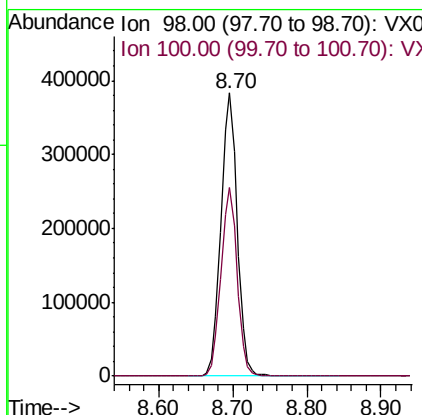
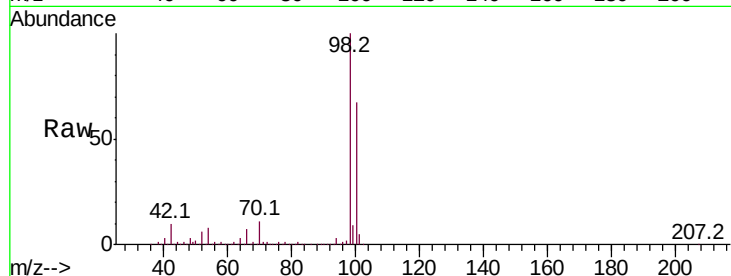




#50
Toluene-d8
Concen: 48.550 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

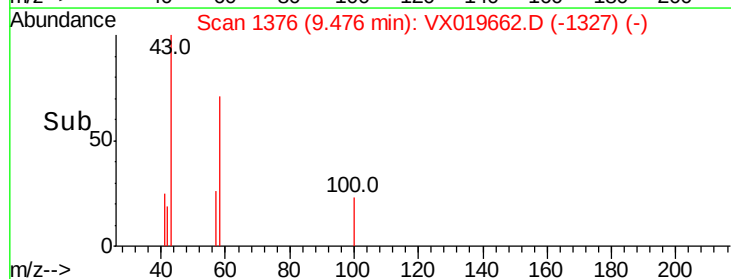
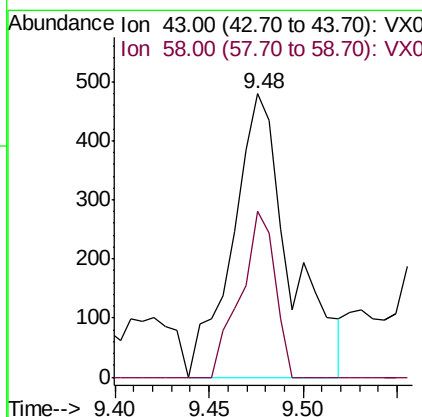
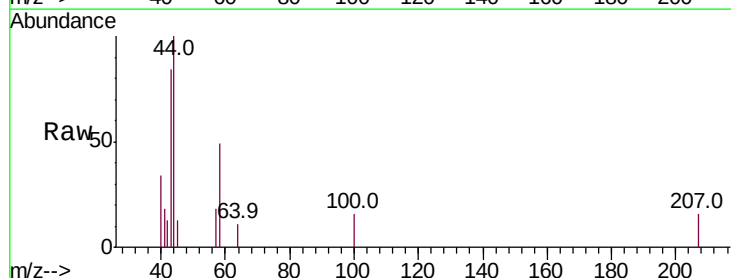
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201119

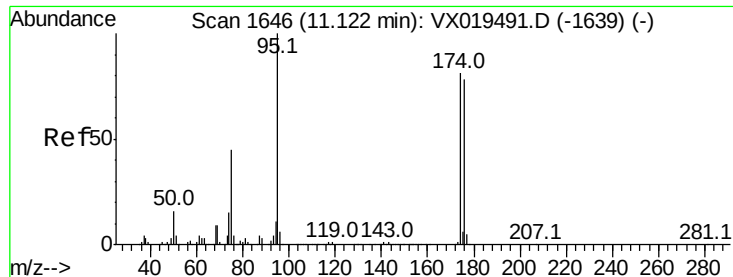
Tot Ion: 98 Resp: 583298
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#59
2-Hexanone
Concen: 0.314 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 35.1 30.6 91.6

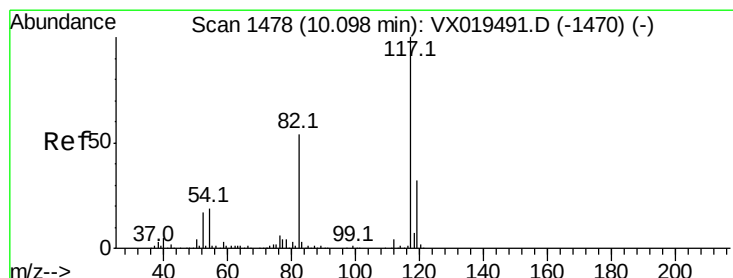
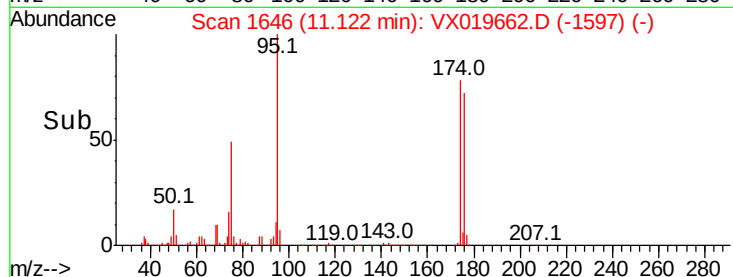
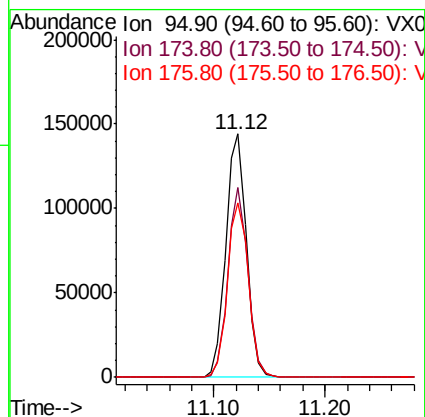
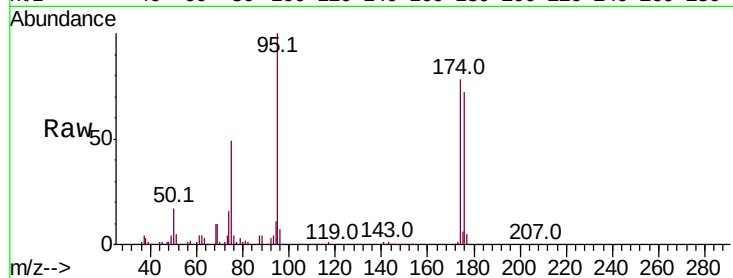




#62
4-Bromofluorobenzene
Concen: 42.649 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

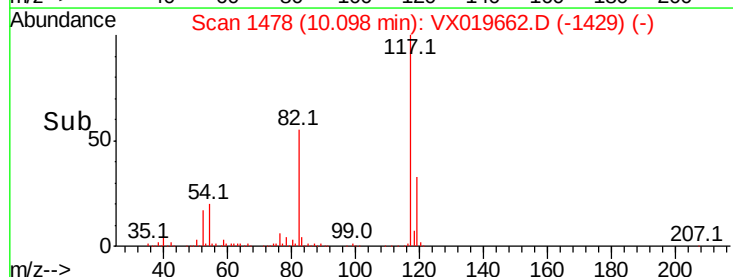
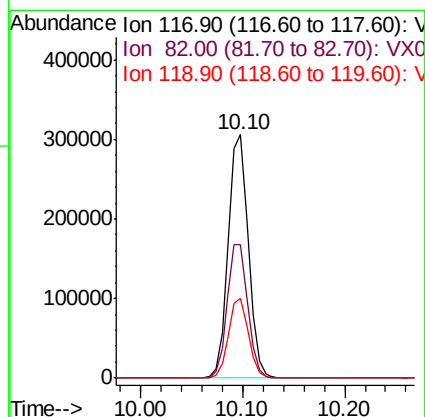
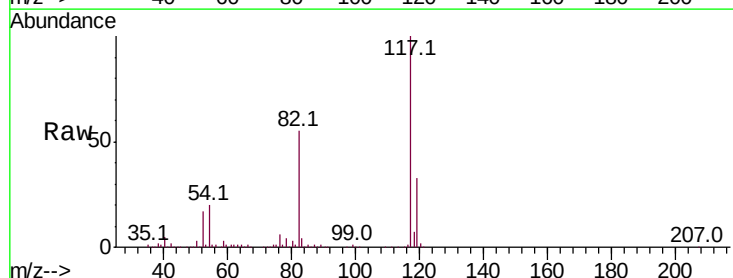
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201119

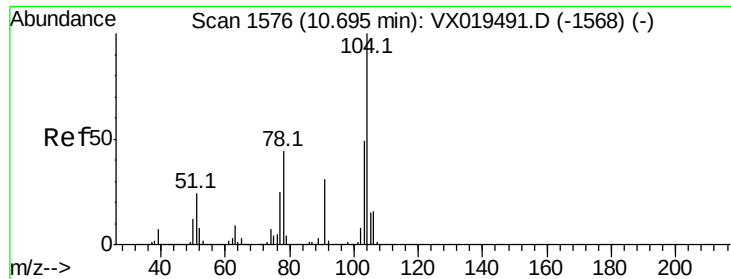
Tot Ion: 95 Resp: 184354
Ion Ratio Lower Upper
95 100
174 75.7 0.0 156.2
176 73.1 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

Tgt Ion: 117 Resp: 417478
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 33.0 25.6 38.4

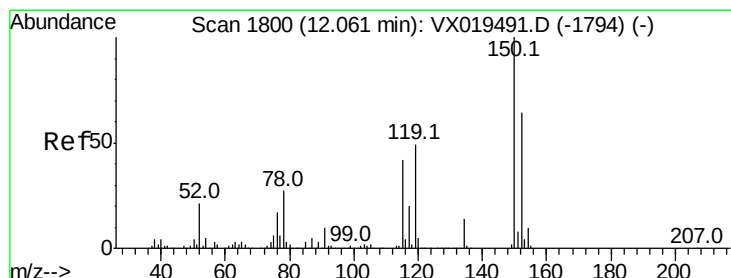
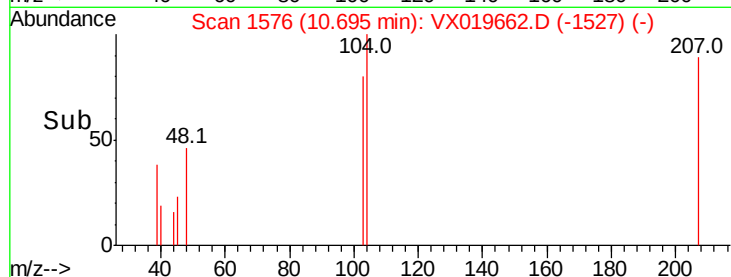
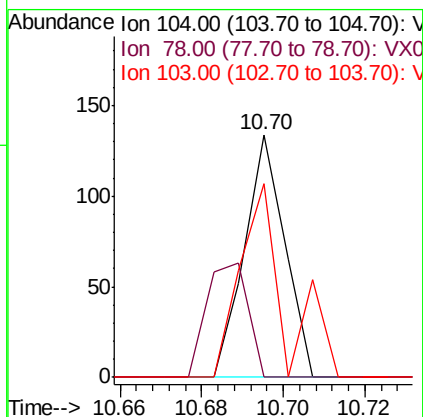
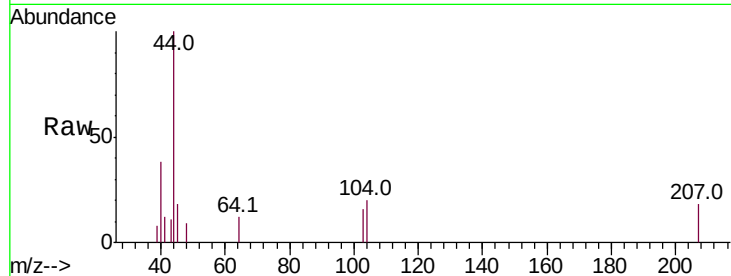




#70
Stvrene
Concen: 1.655 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

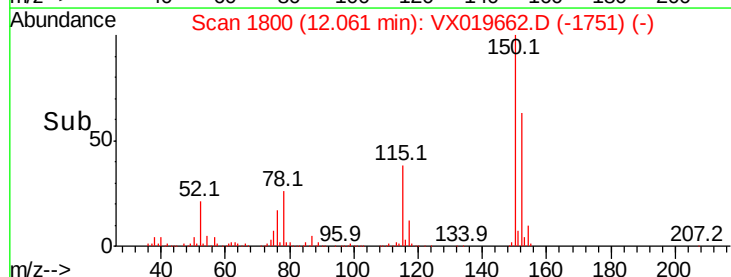
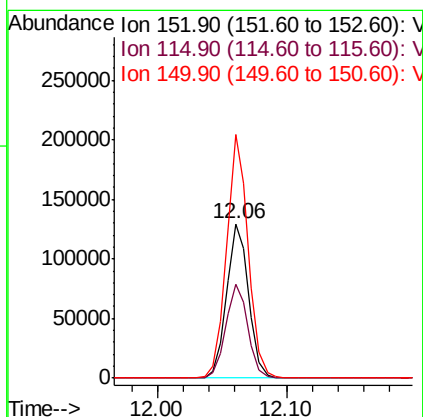
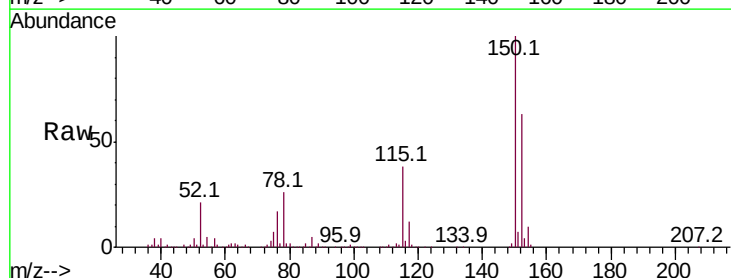
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201119

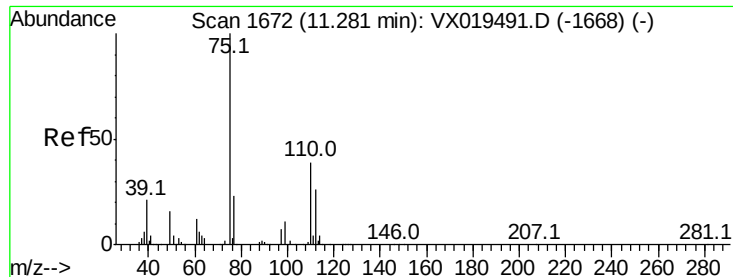
Tot Ion:104 Resp: 92
Ion Ratio Lower Upper
104 100
78 47.8 39.5 59.3
103 87.0 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019662.D
Acq: 25 Nov 2020 17:28

Tgt Ion:152 Resp: 155571
Ion Ratio Lower Upper
152 100
115 60.5 41.8 125.4
150 154.4 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 26.739 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

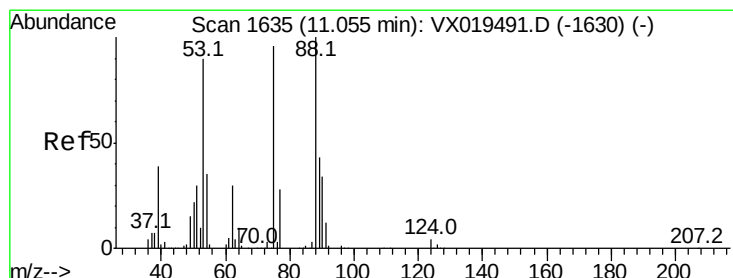
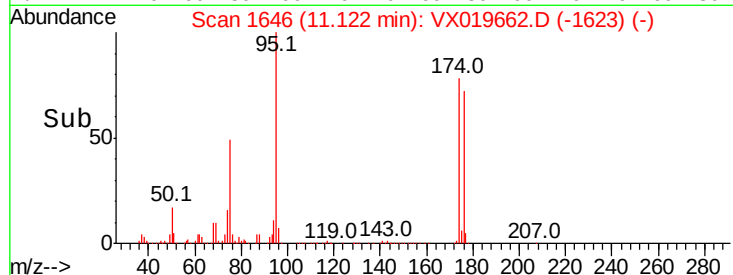
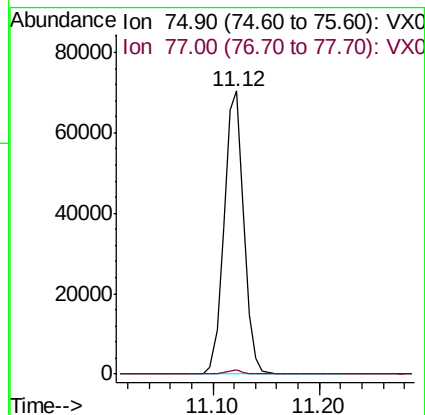
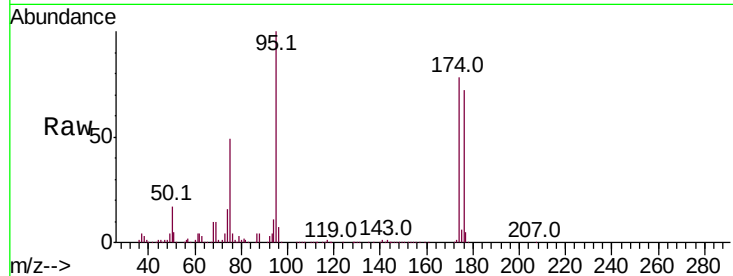
EB01-20201119

Tot Ion: 75 Resp: 90780

Ion Ratio Lower Upper

75 100

77 1.2 20.0 60.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.338 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

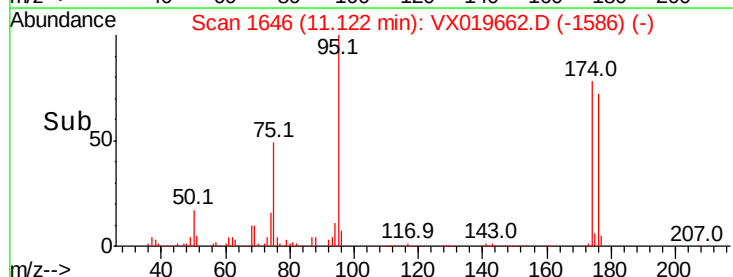
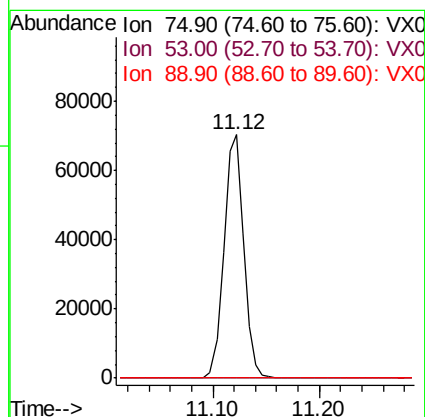
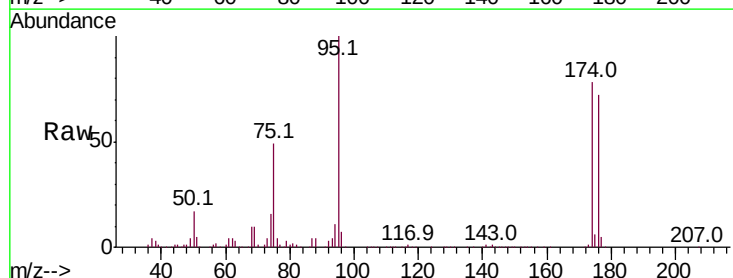
Tgt Ion: 75 Resp: 90780

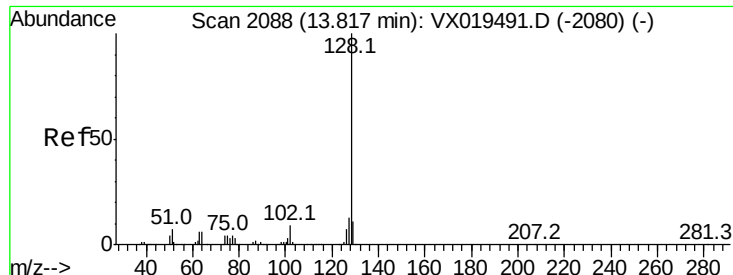
Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.3 55.9#





#95

Naphthalene

Concen: 2.230 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019662.D

Acq: 25 Nov 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

EB01-20201119

Tot Ion:128 Resp: 621

Ion Ratio Lower Upper

128 100

127 4.5 10.3 15.5#

129 0.0 8.7 13.1#

