

Data File : VX019599.D
Acq On : 24 Nov 2020 12:49
Operator : JC/MD
Sample : L4839-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B2-GW

Quant Time: Nov 25 04:00:59 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	321227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	528621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	474262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	198445	47.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.30%
35) Dibromofluoromethane	5.46	113	156502	47.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.34%
50) Toluene-d8	8.70	98	628081	48.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.42%
62) 4-Bromofluorobenzene	11.12	95	218689	47.14	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.28%

Target Compounds

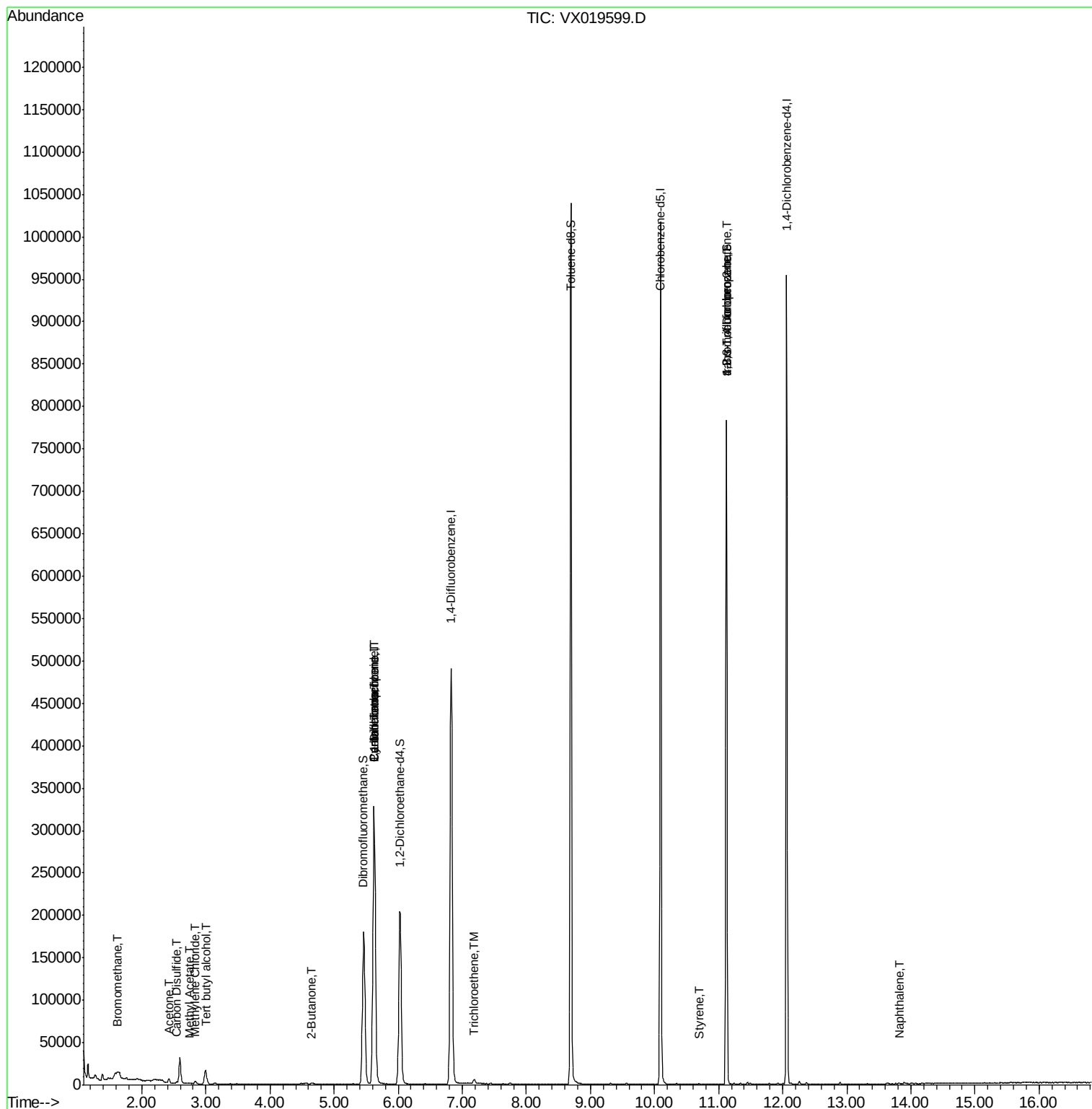
					Qvalue	
5) Bromomethane	1.62	94	814	0.557	ug/l	81
6) Chloroethane	1.70	64	217	Below Cal	#	41
11) Tert butyl alcohol	2.99	59	10264	13.022	ug/l #	74
16) Acetone	2.42	43	5692	3.534	ug/l	99
17) Carbon Disulfide	2.54	76	2107	0.246	ug/l #	87
18) Methyl Acetate	2.75	43	522	0.765	ug/l	97
20) Methylene Chloride	2.83	84	1208	0.300	ug/l #	90
25) 2-Butanone	4.64	43	973	0.402	ug/l #	80
31) Cyclohexane	5.62	56	6287	1.161	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24081	4.859	ug/l #	50
38) Carbon Tetrachloride	5.62	117	31327	6.531	ug/l #	16
44) Trichloroethene	7.18	130	1100	0.276	ug/l	73
70) Styrene	10.69	104	272	1.669	ug/l #	87
76) 1,2,3-Trichloropropane	11.12	75	107695	25.153	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	107695	66.418	ug/l #	12
95) Naphthalene	13.82	128	800	2.231	ug/l #	90

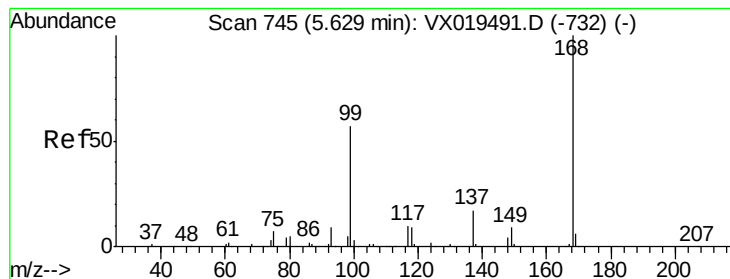
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX019599.D
Acq On : 24 Nov 2020 12:49
Operator : JC/MD
Sample : L4839-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B2-GW

Quant Time: Nov 25 04:00:59 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019599.D

Acq: 24 Nov 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

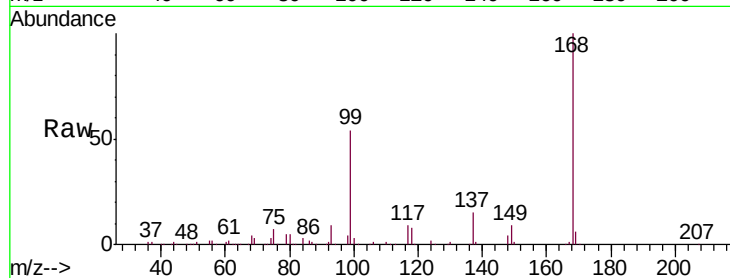
B2-GW

Tgt Ion:168 Resp: 321227

Ion Ratio Lower Upper

168 100

99 54.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

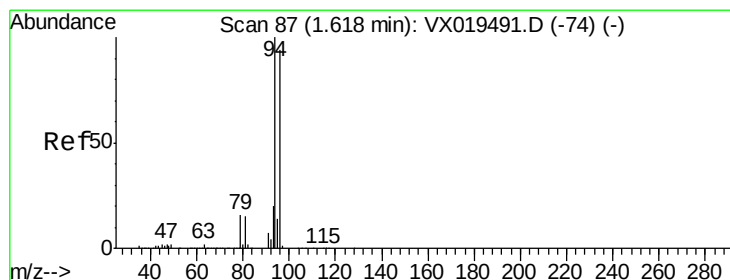
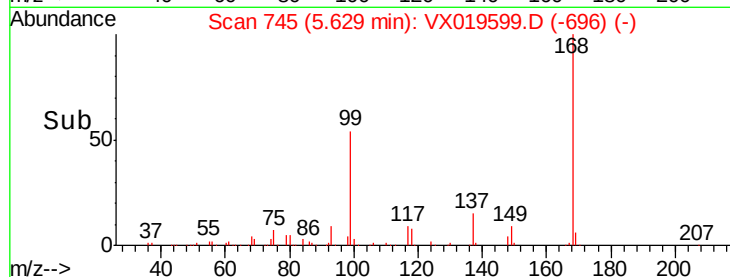
5.63

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.557 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019599.D

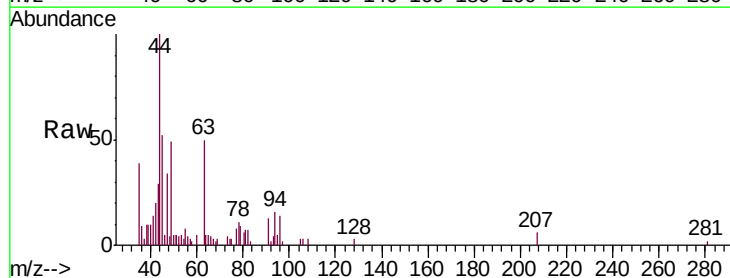
Acq: 24 Nov 2020 12:49

Tgt Ion: 94 Resp: 814

Ion Ratio Lower Upper

94 100

96 112.6 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

400

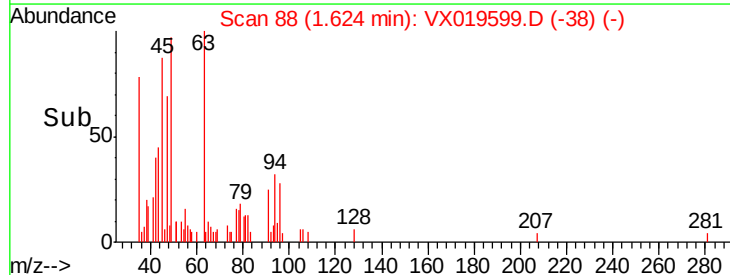
300

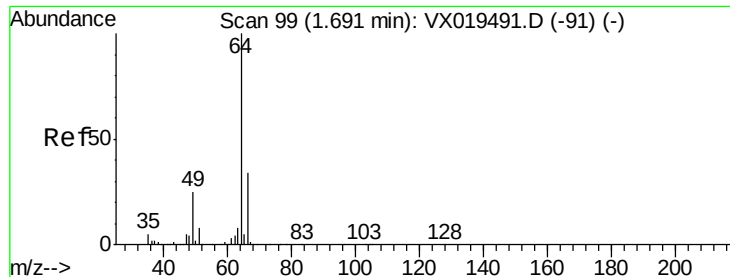
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019599.D

Acq: 24 Nov 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

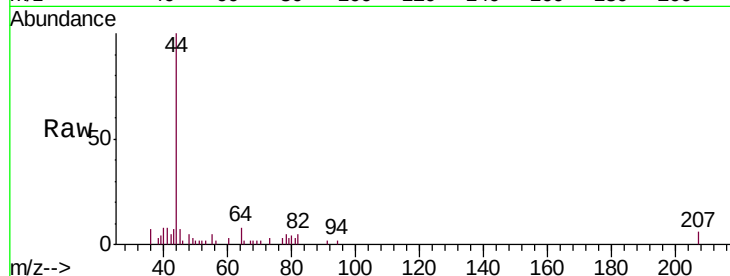
B2-GW

Tgt Ion: 64 Resp: 217

Ion Ratio Lower Upper

64 100

66 0.0 27.1 40.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

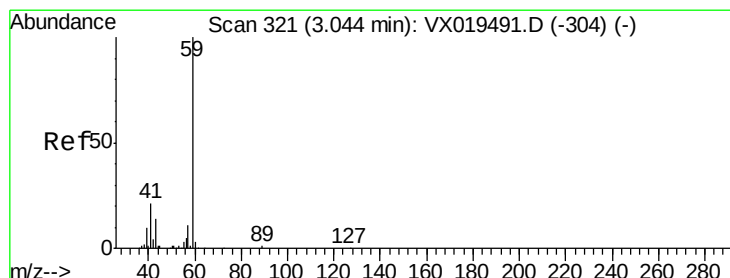
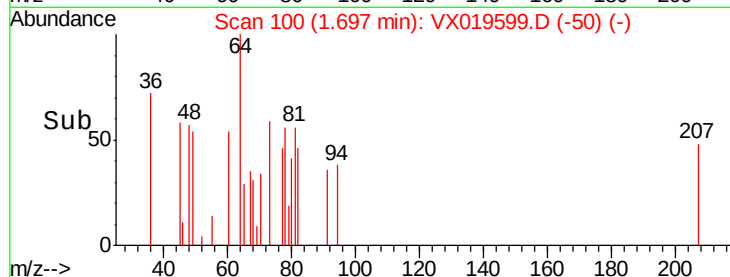
300

200

100

0

Time-->



#11

Tert butyl alcohol

Concen: 13.022 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.05 min

Lab File: VX019599.D

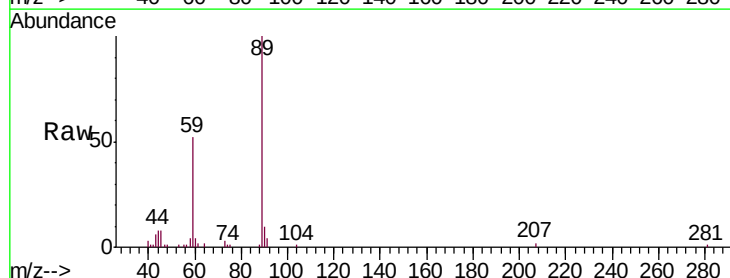
Acq: 24 Nov 2020 12:49

Tgt Ion: 59 Resp: 10264

Ion Ratio Lower Upper

59 100

57 0.4 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

2.99

4000

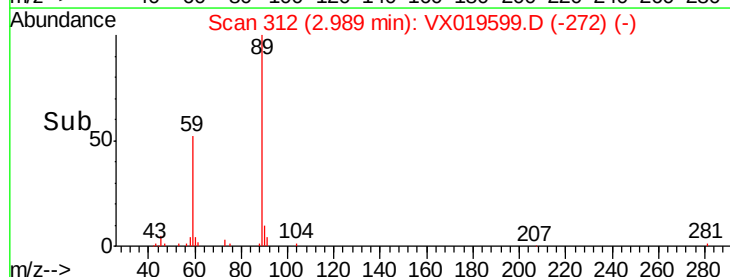
3000

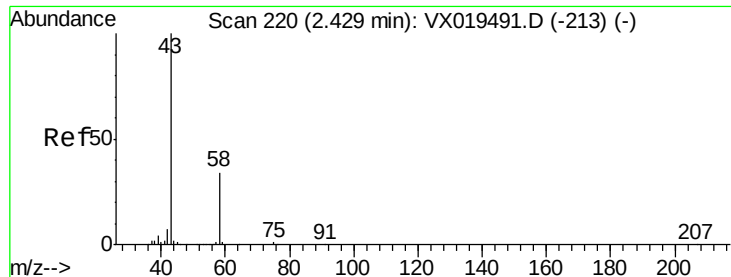
2000

1000

0

Time-->





#16

Acetone

Concen: 3.534 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019599.D

Acq: 24 Nov 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

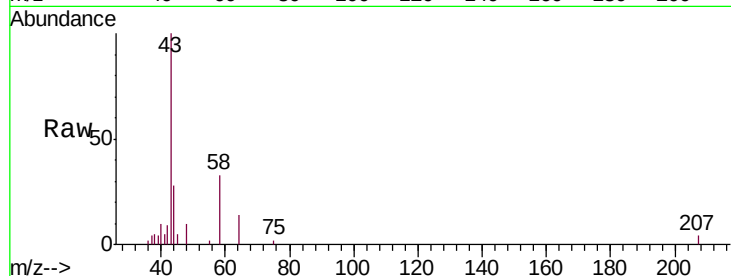
B2-GW

Tgt Ion: 43 Resp: 5692

Ion Ratio Lower Upper

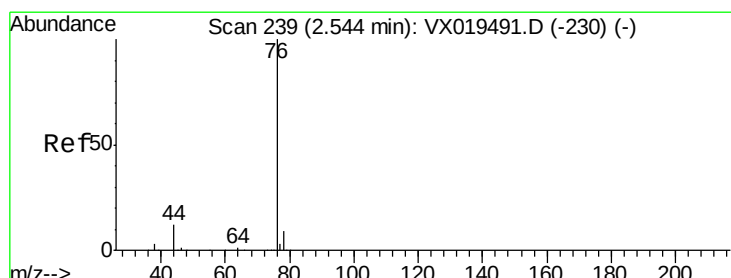
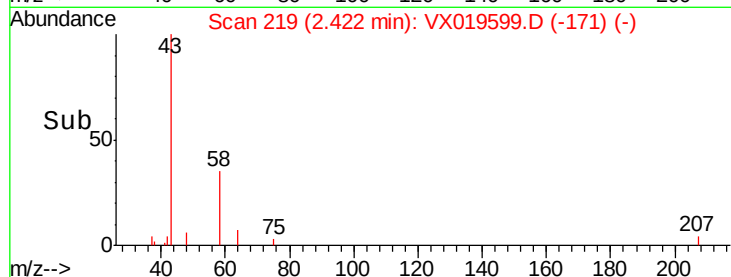
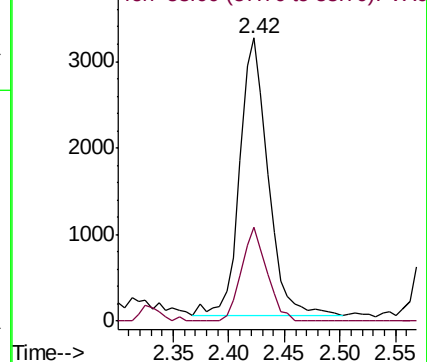
43 100

58 33.9 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.246 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VX019599.D

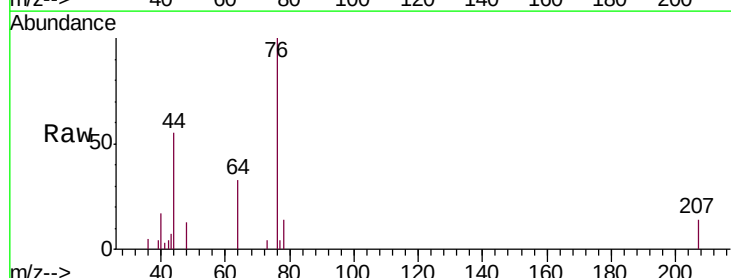
Acq: 24 Nov 2020 12:49

Tgt Ion: 76 Resp: 2107

Ion Ratio Lower Upper

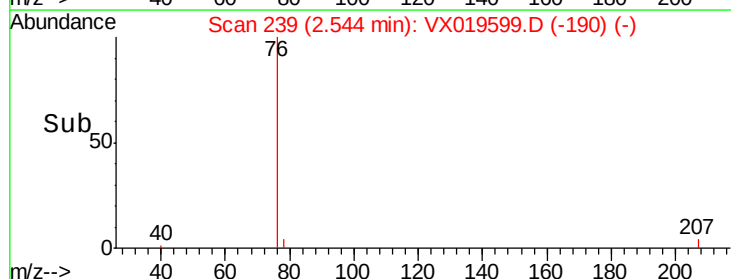
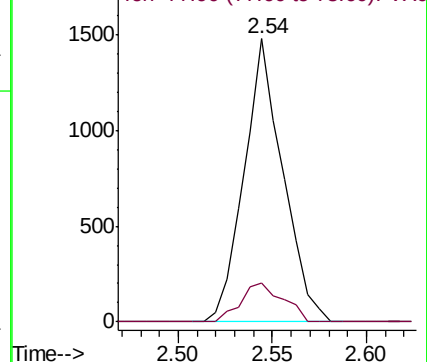
76 100

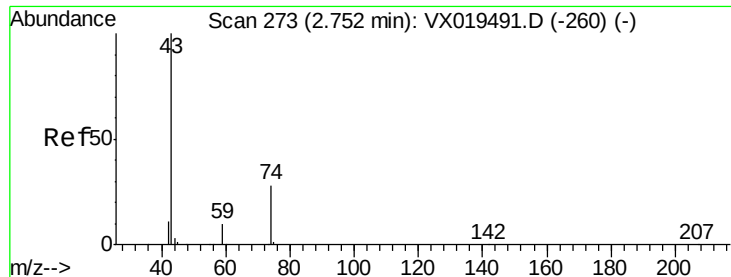
78 13.8 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

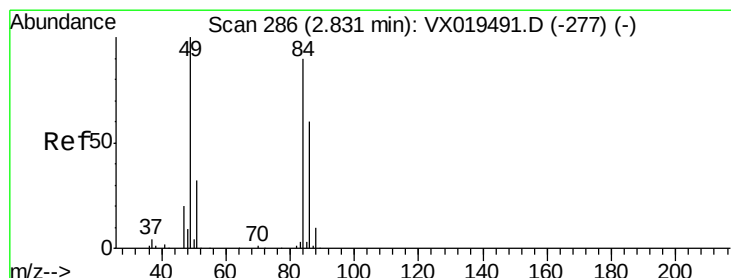
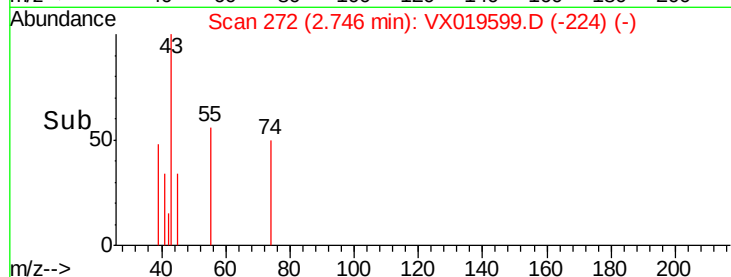
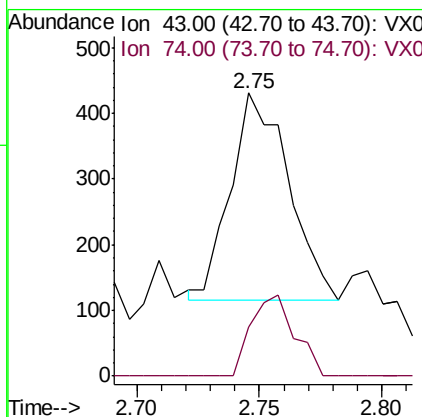
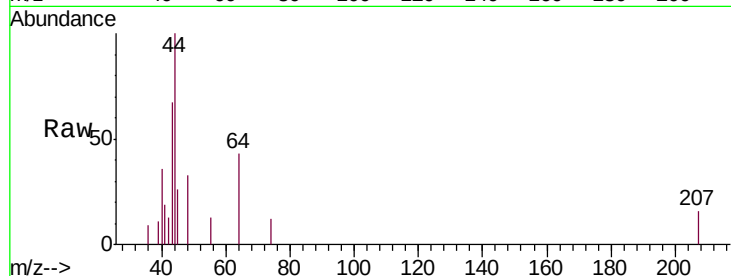




#18
Methyl Acetate
Concen: 0.765 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

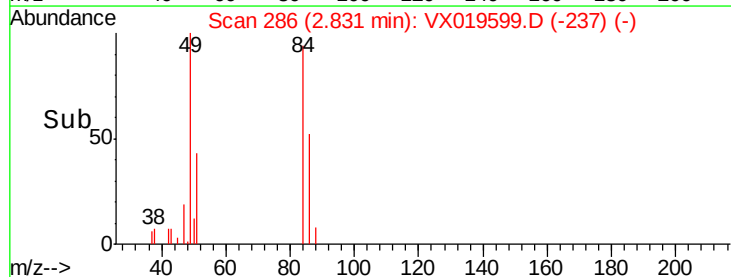
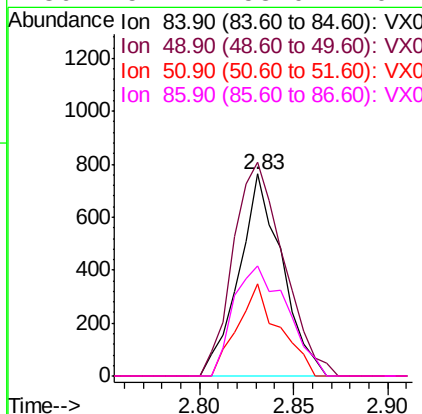
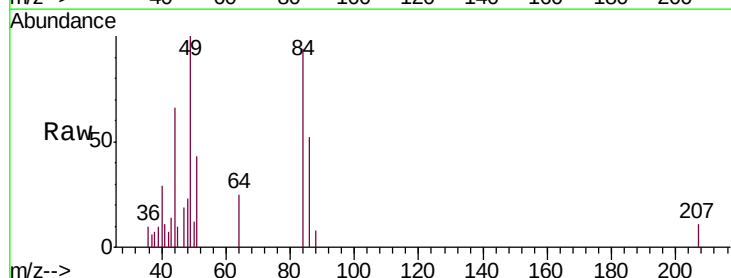
Instrument :
MSVOA_X
ClientSampleId :
B2-GW

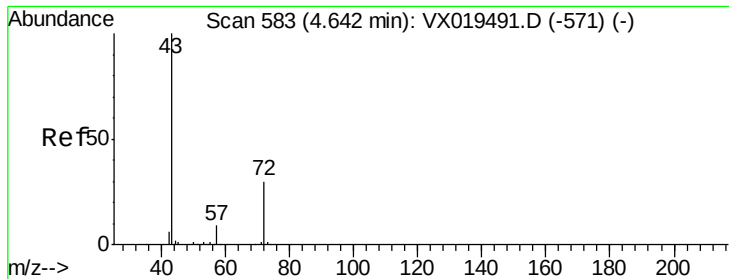
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
74 29.3 22.2 33.4



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

Tgt Ion: 84 Resp: 1208
Ion Ratio Lower Upper
84 100
49 105.9 88.5 132.7
51 45.4 28.0 42.0#
86 54.7 53.0 79.4





#25

2-Butanone

Concen: 0.402 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019599.D

Acq: 24 Nov 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

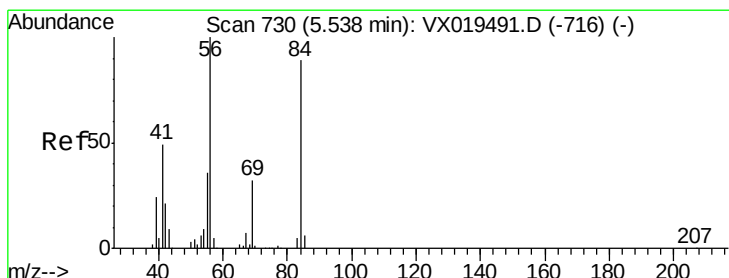
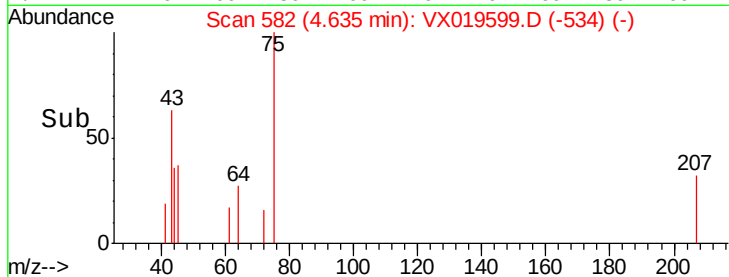
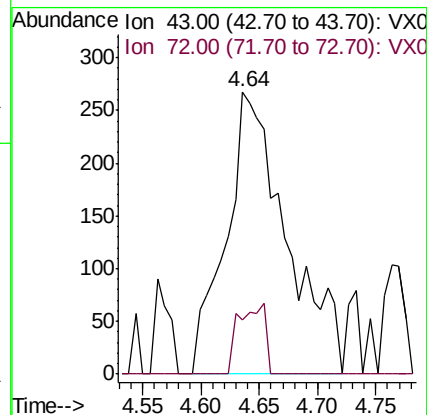
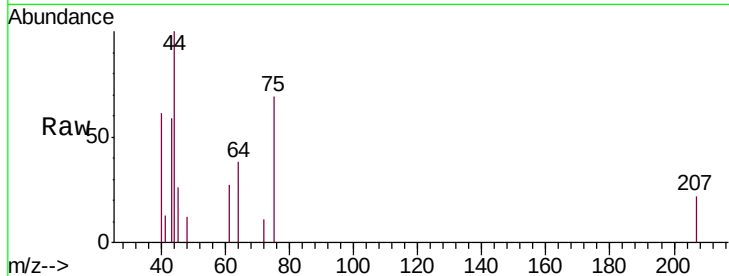
B2-GW

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

72 19.4 24.0 36.0#



#31

Cyclohexane

Concen: 1.161 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.09 min

Lab File: VX019599.D

Acq: 24 Nov 2020 12:49

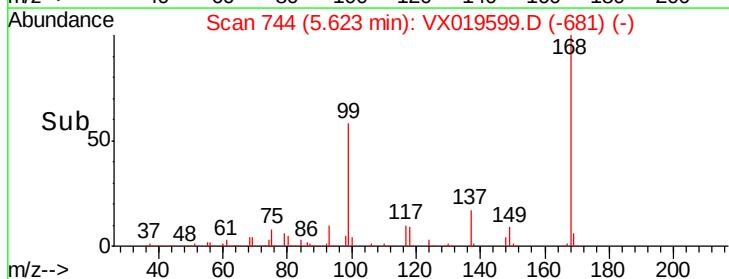
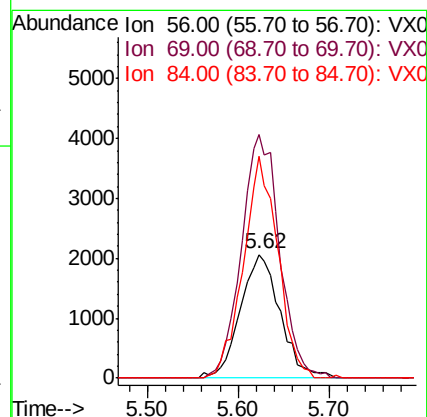
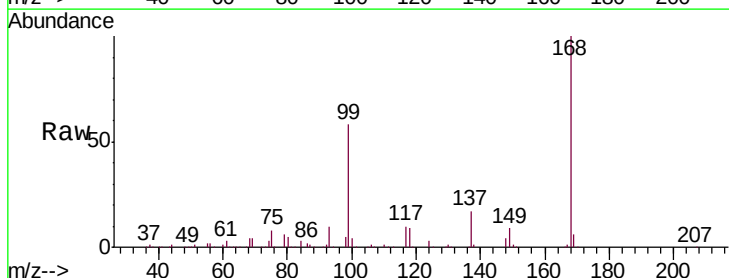
Tgt Ion: 56 Resp: 6287

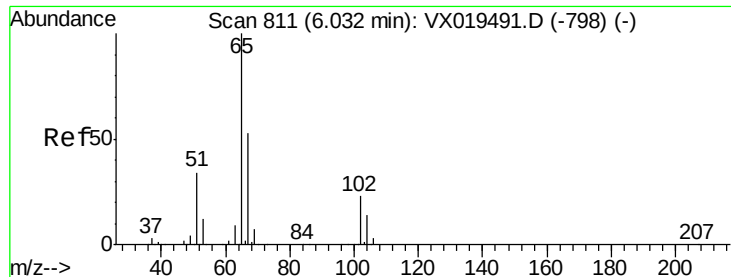
Ion Ratio Lower Upper

56 100

69 196.9 25.5 38.3#

84 179.4 71.1 106.7#

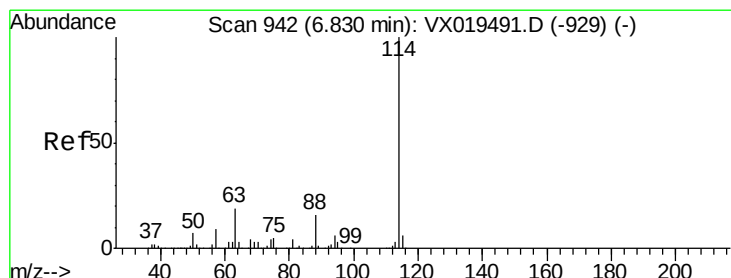
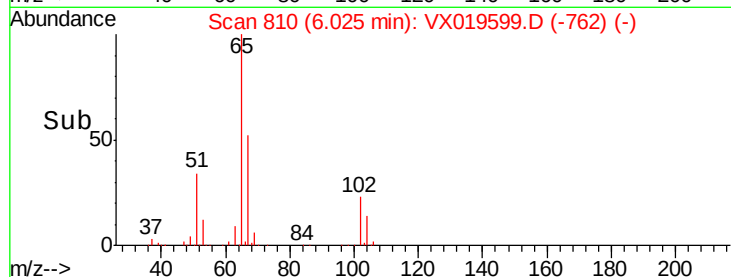
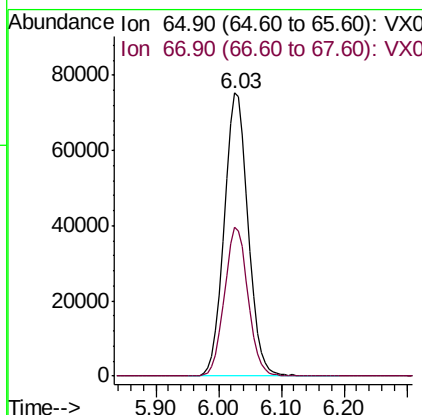
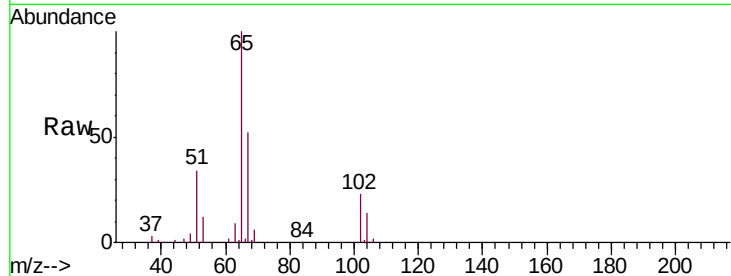




#33
 1,2-Dichloroethane-d4
 Concen: 47.646 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019599.D
 Acq: 24 Nov 2020 12:49

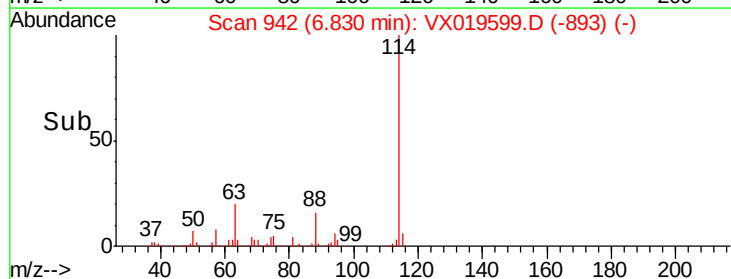
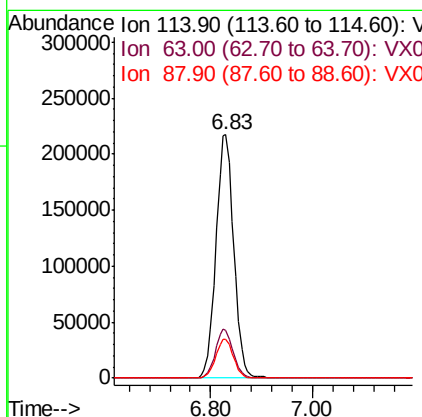
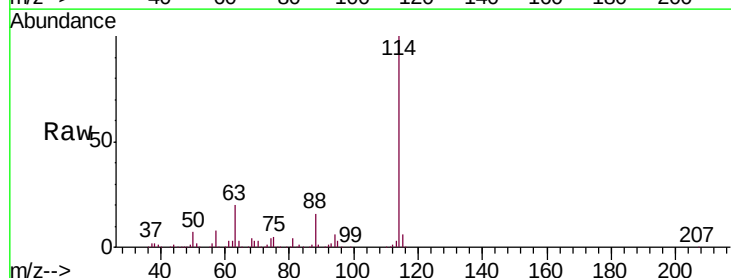
Instrument :
 MSVOA_X
 ClientSampleId :
 B2-GW

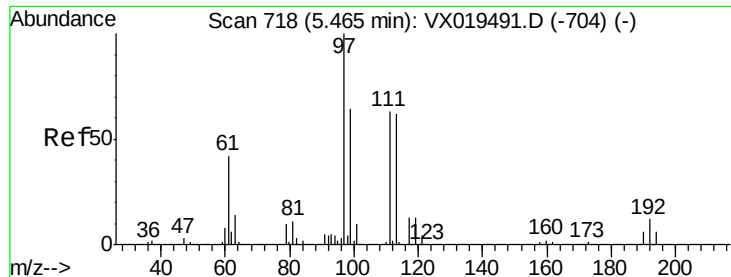
Tgt Ion: 65 Resp: 198445
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019599.D
 Acq: 24 Nov 2020 12:49

Tgt Ion: 114 Resp: 528621
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.165 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019599.D

Acq: 24 Nov 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

B2-GW

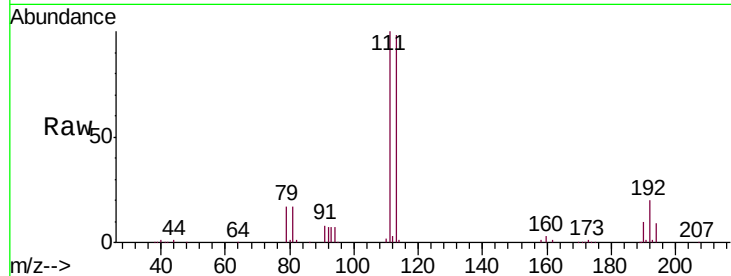
Tgt Ion:113 Resp: 156502

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

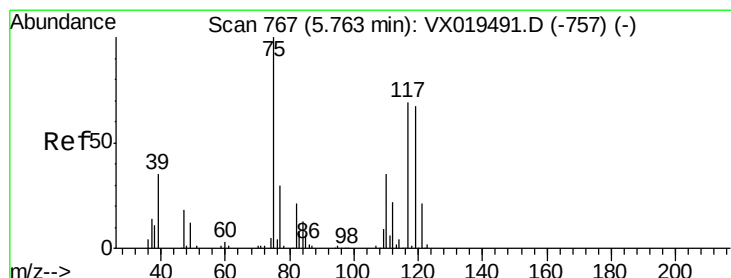
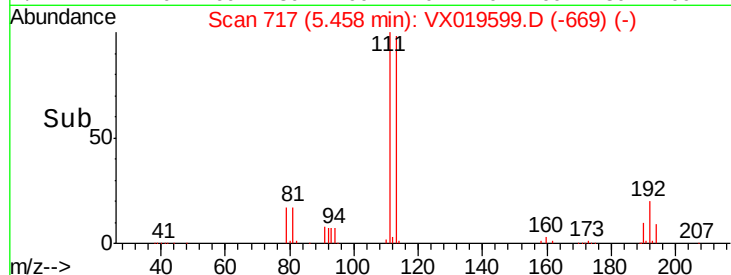
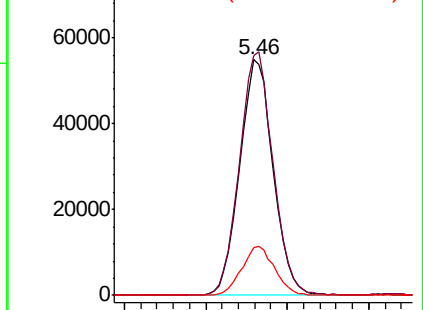
192 20.5 16.2 24.2



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: 4.859 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019599.D

Acq: 24 Nov 2020 12:49

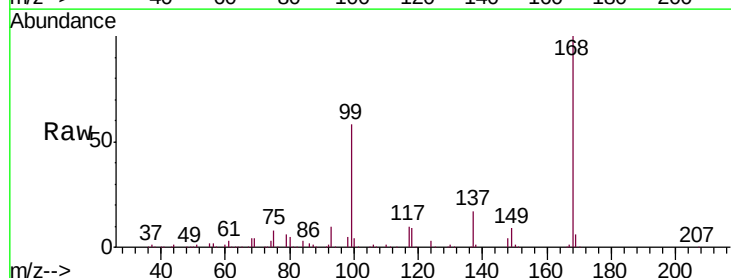
Tgt Ion: 75 Resp: 24081

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.3#

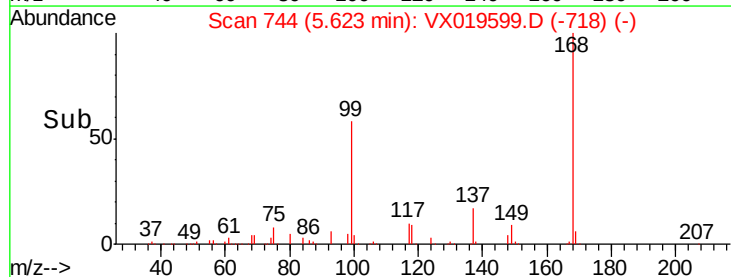
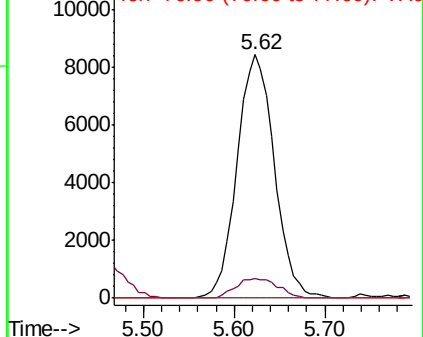
77 0.0 24.2 36.4#

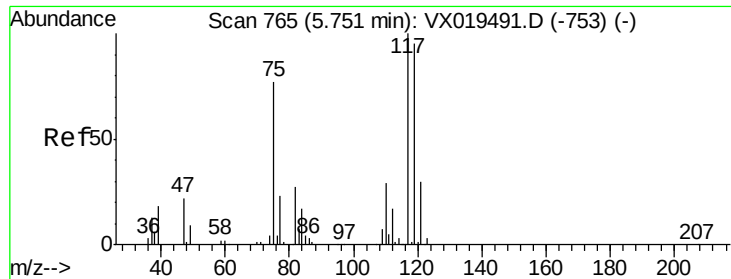


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

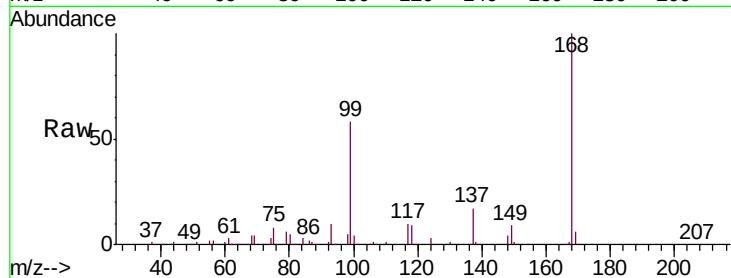




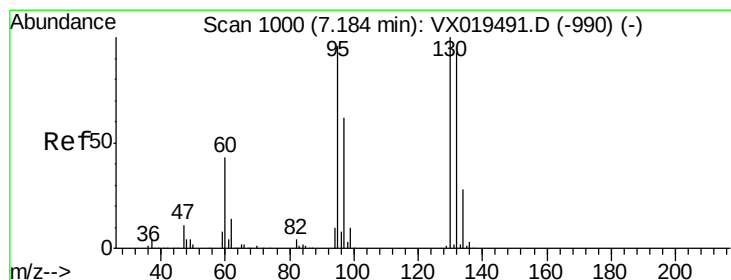
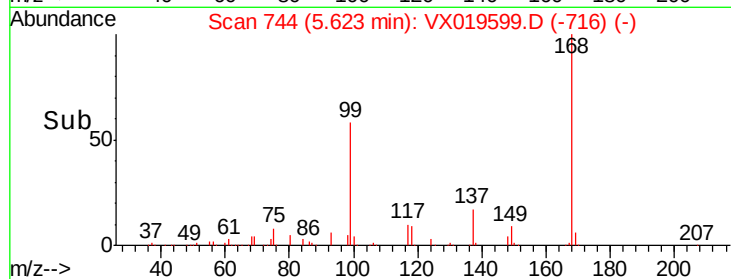
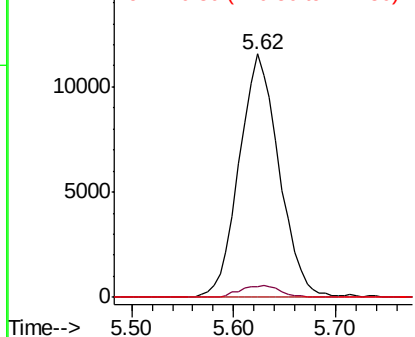
#38
Carbon Tetrachloride
Concen: 6.531 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

Instrument :
MSVOA_X
ClientSampled :
B2-GW

Tgt Ion:117 Resp: 31327
Ion Ratio Lower Upper
117 100
119 4.6 75.9 113.9#
121 0.0 24.0 36.0#

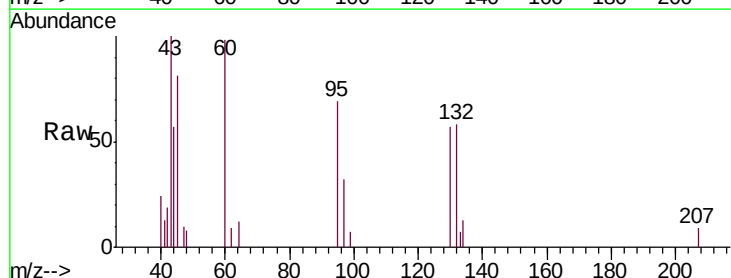


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

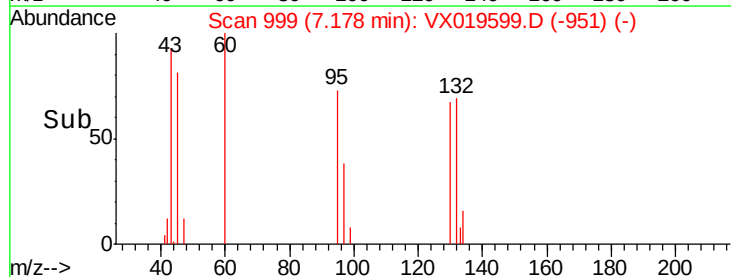
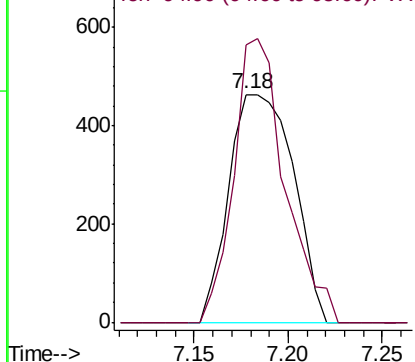


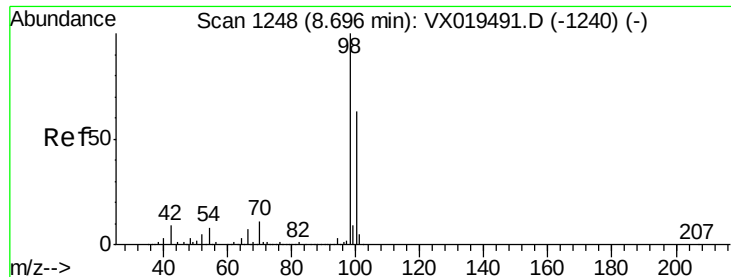
#44
Trichloroethene
Concen: 0.276 ug/l
RT: 7.18 min Scan# 999
Delta R.T. -0.01 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

Tgt Ion:130 Resp: 1100
Ion Ratio Lower Upper
130 100
95 122.0 0.0 191.2



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

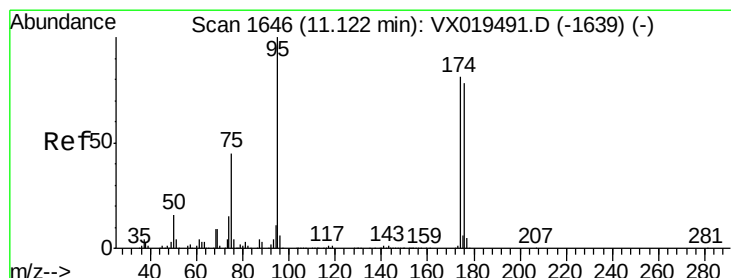
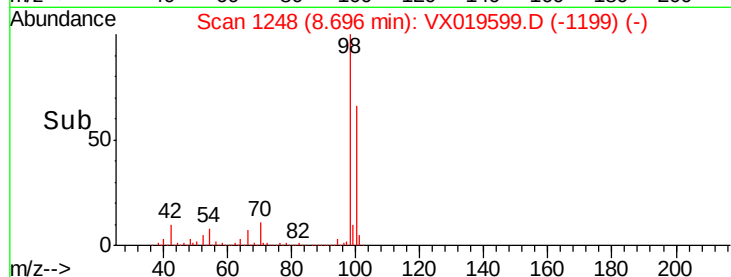
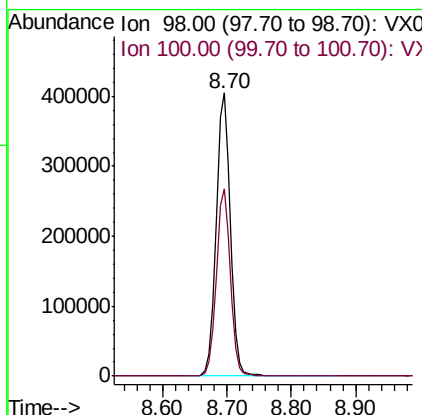
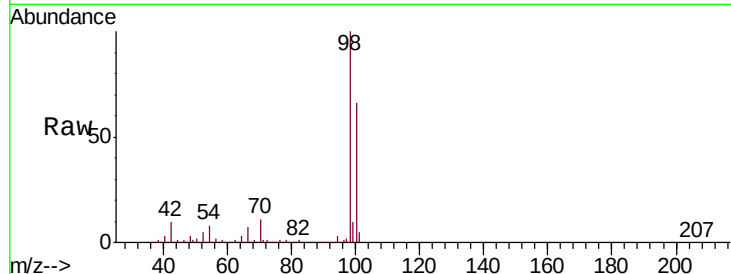




#50
Toluene-d8
Concen: 48.711 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

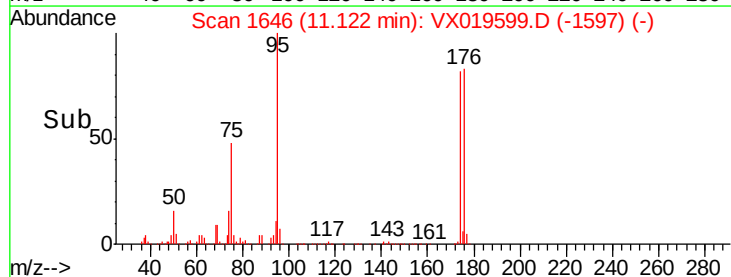
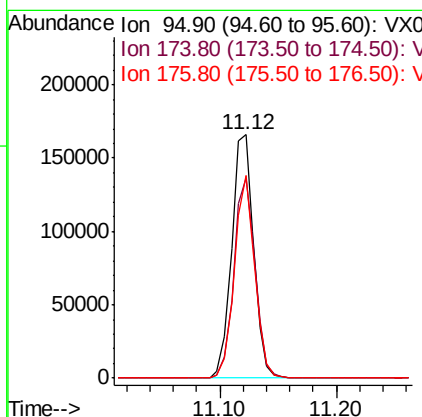
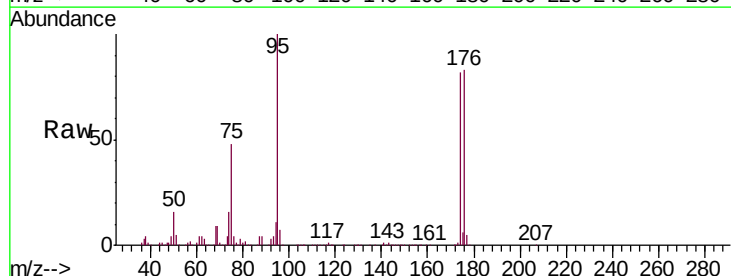
Instrument :
MSVOA_X
ClientSampleId :
B2-GW

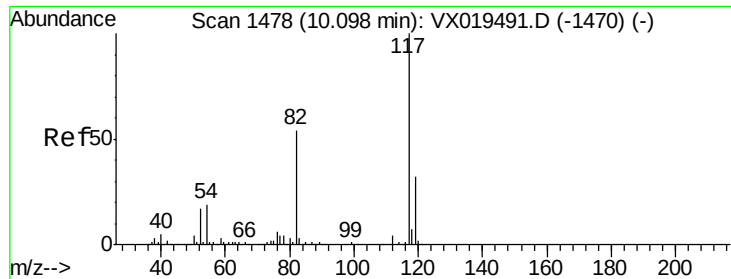
Tgt Ion: 98 Resp: 628081
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.140 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

Tgt Ion: 95 Resp: 218689
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.2
176 77.0 0.0 151.4

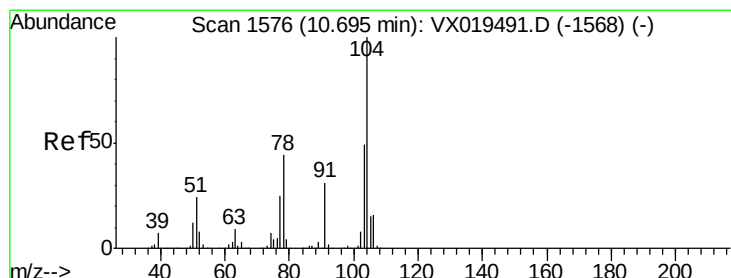
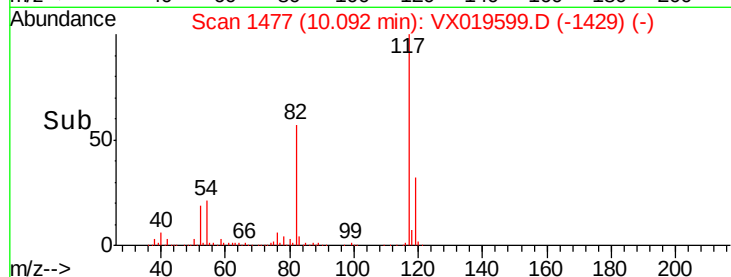
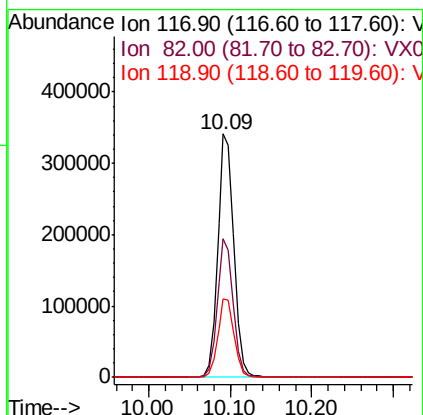
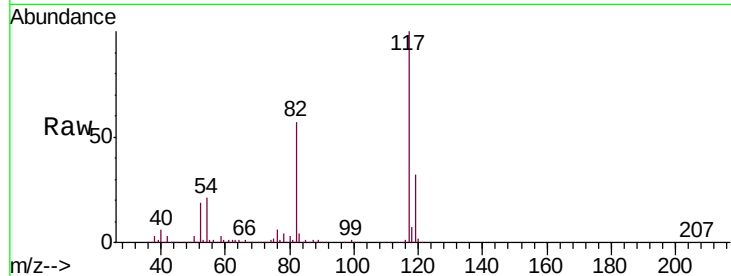




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

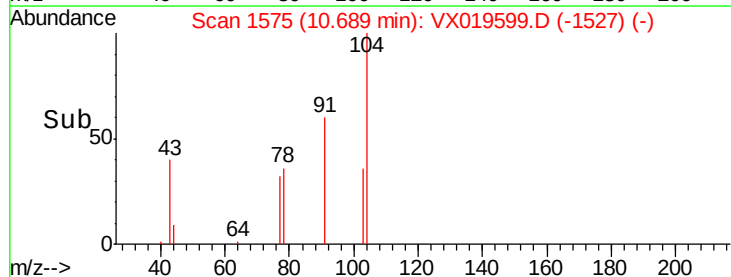
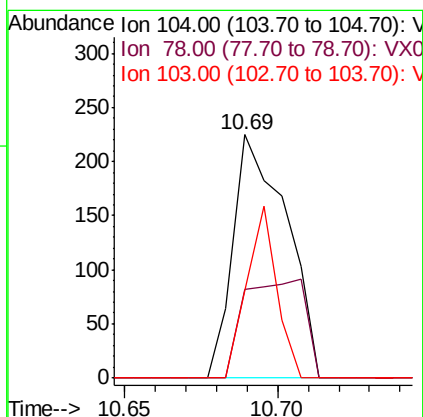
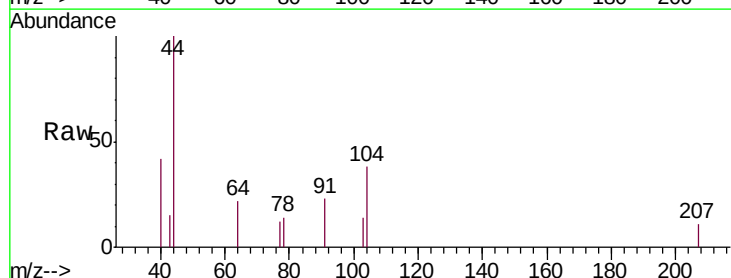
Instrument :
MSVOA_X
ClientSampled :
B2-GW

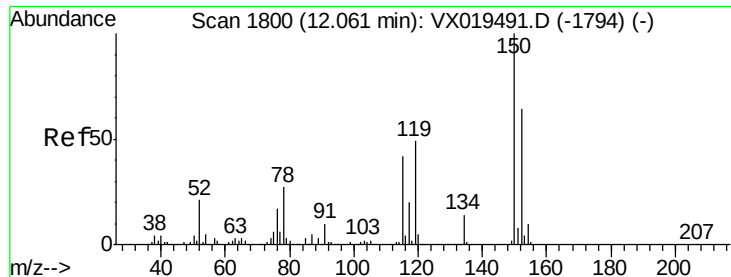
Tgt Ion:117 Resp: 474262
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 32.1 25.6 38.4



#70
Styrene
Concen: 1.669 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

Tgt Ion:104 Resp: 272
Ion Ratio Lower Upper
104 100
78 46.0 39.5 59.3
103 39.3 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: VX019599.D

Acq: 24 Nov 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

B2-GW

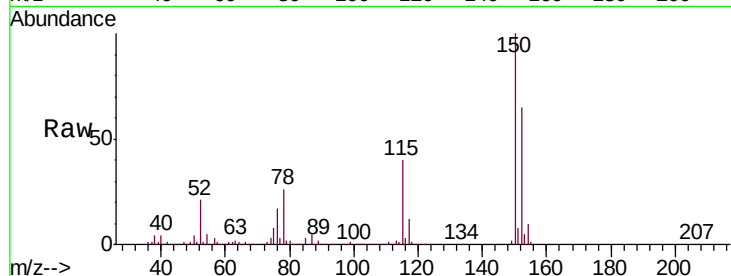
Tgt Ion:152 Resp: 196194

Ion Ratio Lower Upper

152 100

115 60.4 41.8 125.4

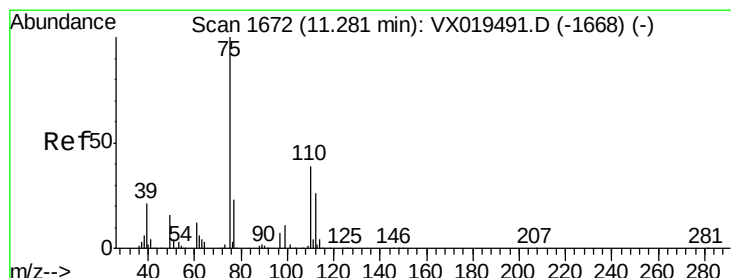
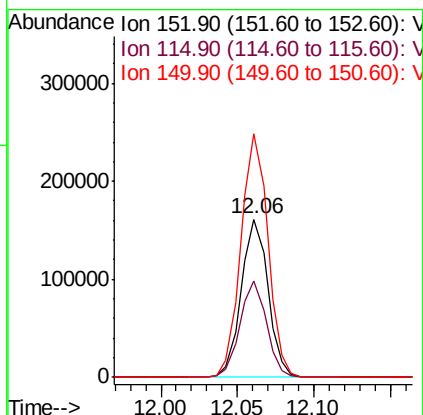
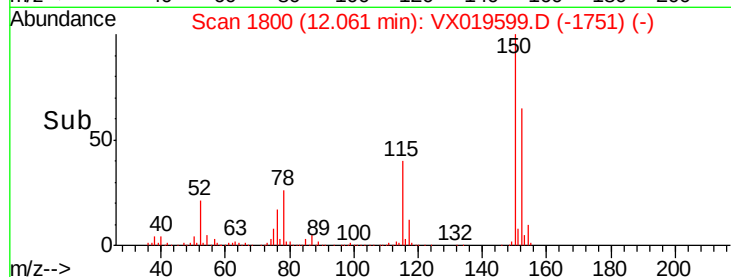
150 155.8 0.0 348.2



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



#76

1,2,3-Trichloropropane

Concen: 25.153 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.16 min

Lab File: VX019599.D

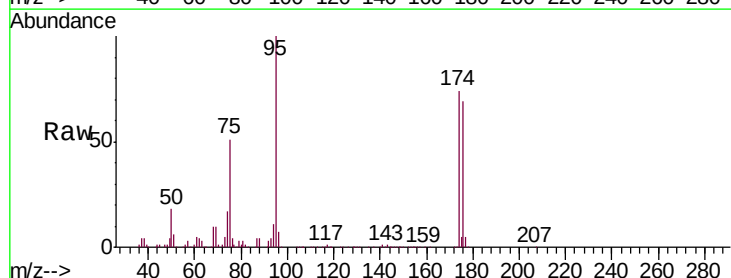
Acq: 24 Nov 2020 12:49

Tgt Ion: 75 Resp: 107695

Ion Ratio Lower Upper

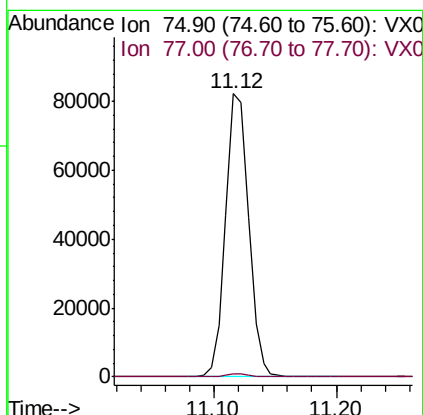
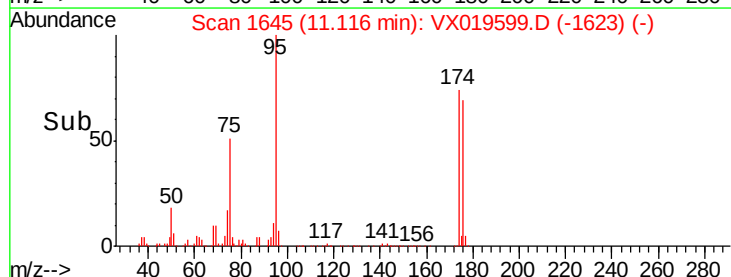
75 100

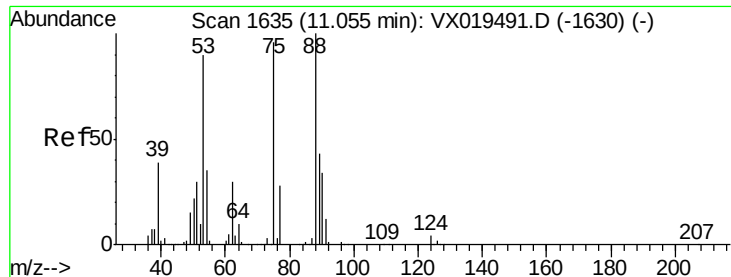
77 1.2 20.0 60.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

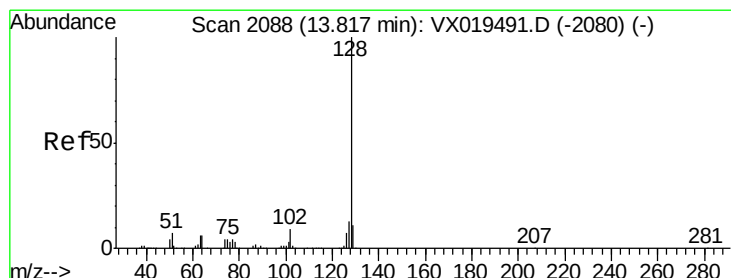
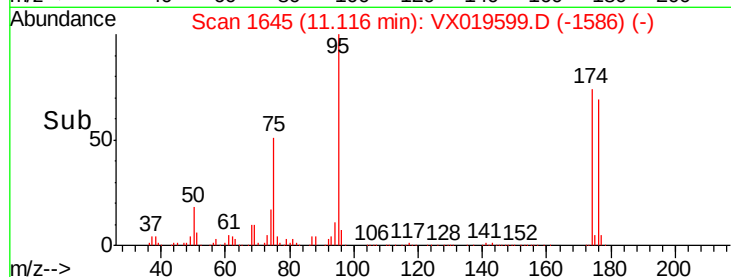
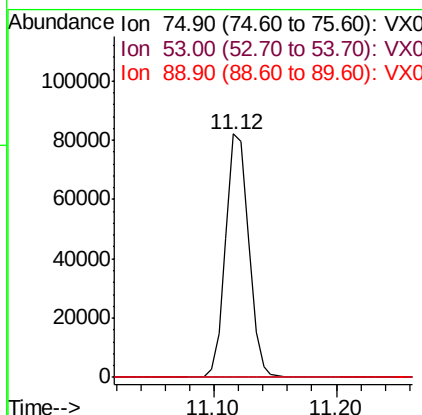
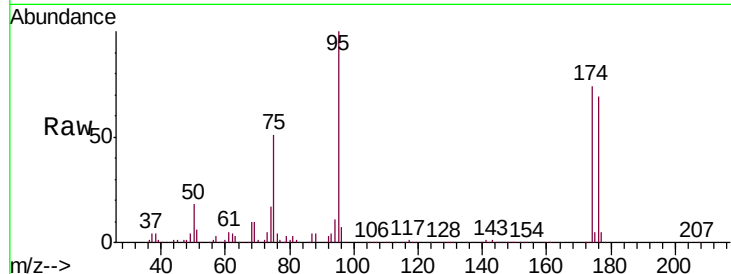




#81
trans-1,4-Dichloro-2-butene
Concen: 66.418 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

Instrument :
MSVOA_X
ClientSampled :
B2-GW

Tgt Ion: 75 Resp: 107695
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 37.3 55.9#



#95
Naphthalene
Concen: 2.231 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019599.D
Acq: 24 Nov 2020 12:49

Tgt Ion:128 Resp: 800
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5#
129 5.4 8.7 13.1#

