

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112520\
 Data File : VX019648.D
 Acq On : 25 Nov 2020 11:41
 Operator : JC/MD
 Sample : VX1125WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBL01

Quant Time: Nov 26 04:57:56 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	5.62	168	327311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	541053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	496748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	202820	47.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.58%
35) Dibromofluoromethane	5.46	113	160828	47.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.72%
50) Toluene-d8	8.70	98	650683	49.30	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.60%
62) 4-Bromofluorobenzene	11.12	95	228879	48.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.40%

Target Compounds

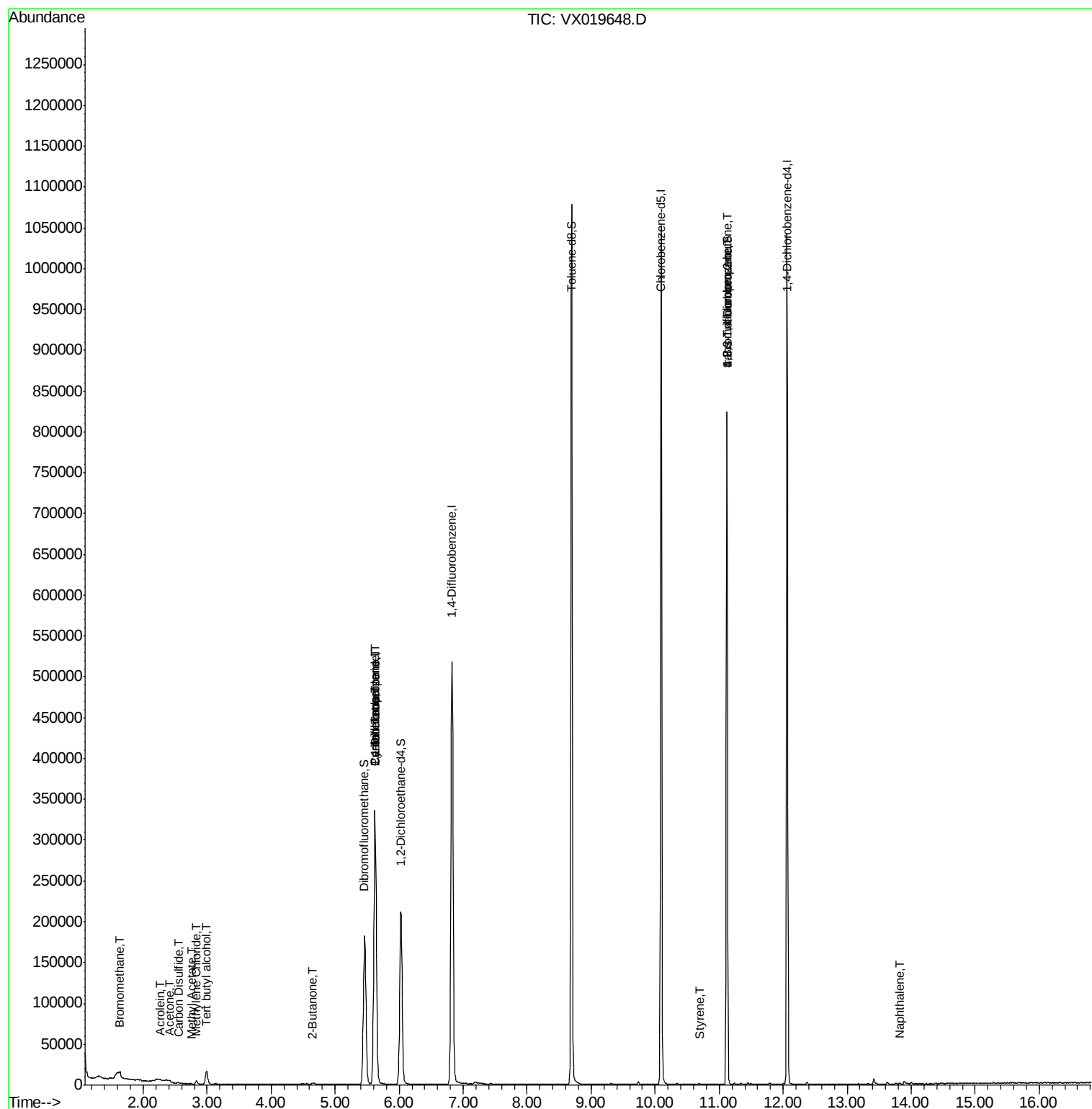
					Qvalue	
5) Bromomethane	1.62	94	592	0.398	ug/l	88
6) Chloroethane	1.72	64	143	Below	Cal	# 41
11) Tert butyl alcohol	2.99	59	9959	12.400	ug/l	# 76
13) Acrolein	2.27	56	191	0.354	ug/l	# 1
16) Acetone	2.42	43	1967	1.199	ug/l	96
17) Carbon Disulfide	2.55	76	1897	0.217	ug/l	# 90
18) Methyl Acetate	2.75	43	601	0.782	ug/l	# 54
20) Methylene Chloride	2.83	84	1776	0.433	ug/l	91
25) 2-Butanone	4.64	43	537	0.218	ug/l	# 45
31) Cyclohexane	5.62	56	6624	1.200	ug/l	# 1
36) 1,1-Dichloropropene	5.62	75	24672	4.864	ug/l	# 50
38) Carbon Tetrachloride	5.63	117	31486	6.413	ug/l	# 16
70) Styrene	10.70	104	425	1.681	ug/l	# 90
76) 1,2,3-Trichloropropane	11.12	75	112090	24.485	ug/l	# 37
81) trans-1,4-Dichloro-2-buten	11.12	75	112090	64.767	ug/l	# 12
95) Naphthalene	13.82	128	885	2.233	ug/l	99

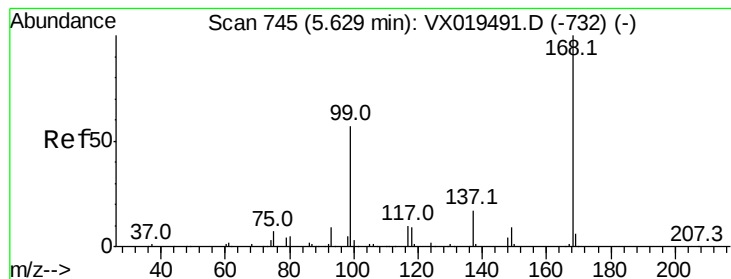
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112520\
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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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019648.D

Acq: 25 Nov 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

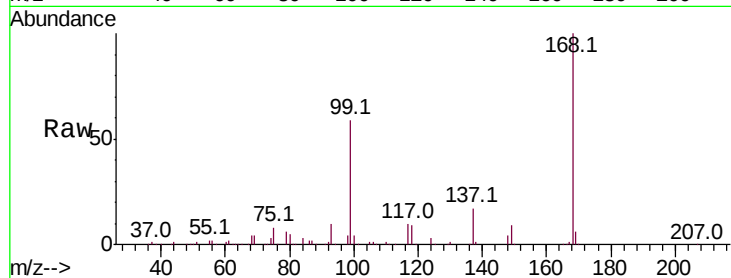
VX1125WBL01

Tot Ion:168 Resp: 327311

Ion Ratio Lower Upper

168 100

99 58.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

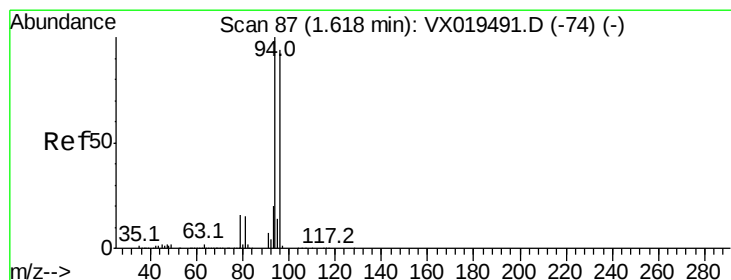
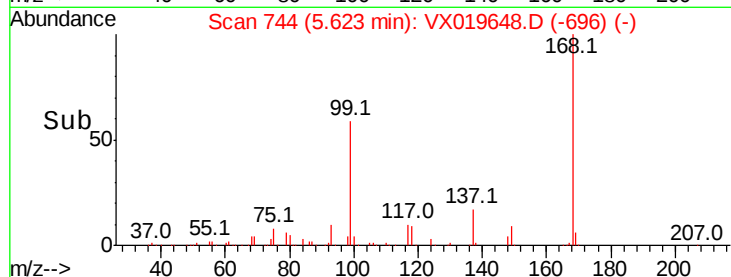
5.62

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.398 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019648.D

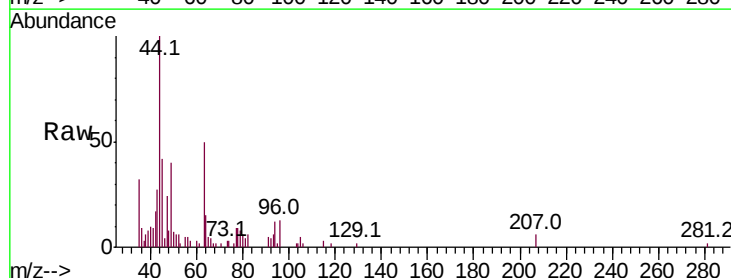
Acq: 25 Nov 2020 11:41

Tgt Ion: 94 Resp: 592

Ion Ratio Lower Upper

94 100

96 106.2 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

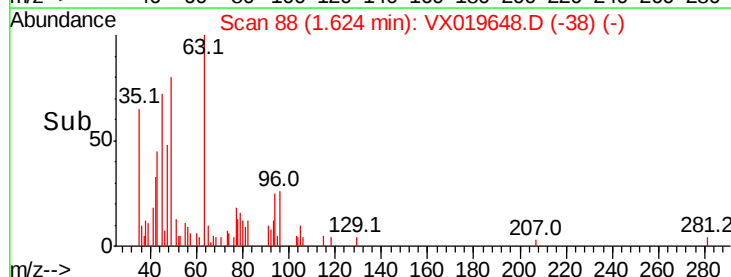
300

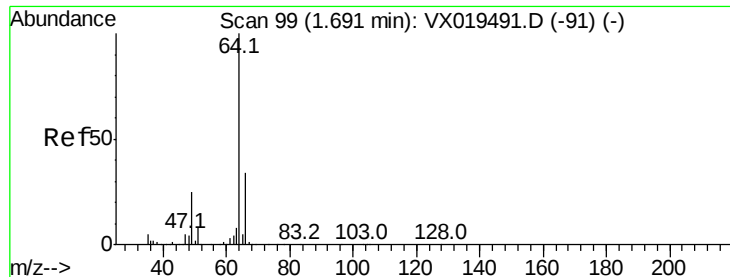
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 103

Delta R.T. 0.03 min

Lab File: VX019648.D

Acq: 25 Nov 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

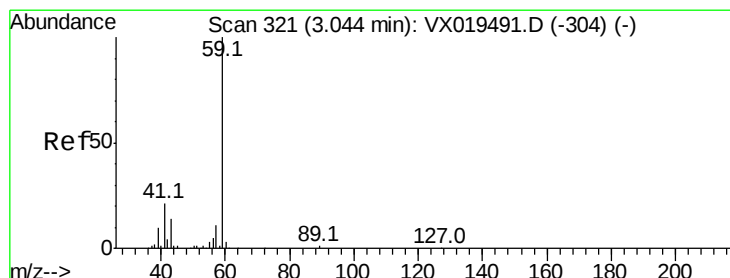
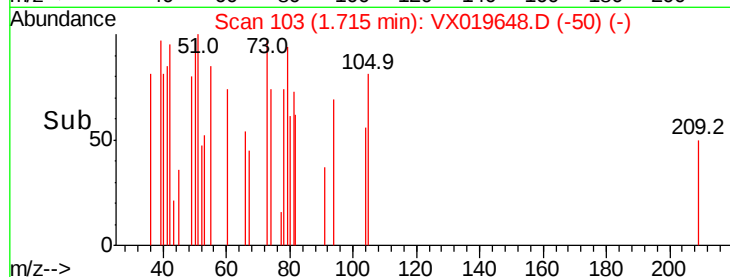
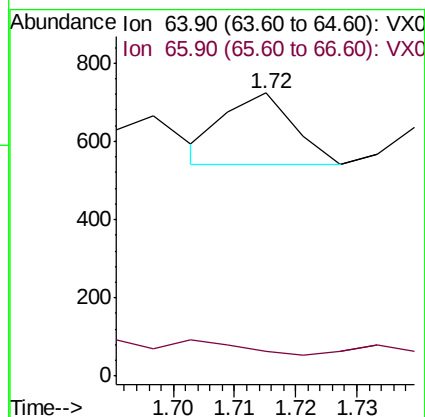
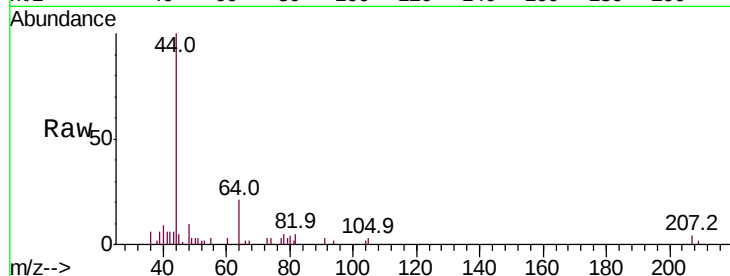
VX1125WBL01

Tot Ion: 64 Resp: 143

Ion Ratio Lower Upper

64 100

66 0.0 27.1 40.7#



#11

Tert butyl alcohol

Concen: 12.400 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.06 min

Lab File: VX019648.D

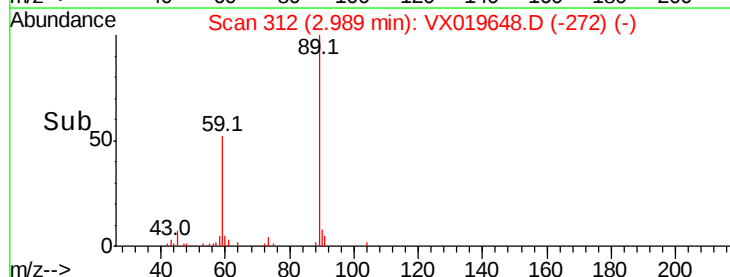
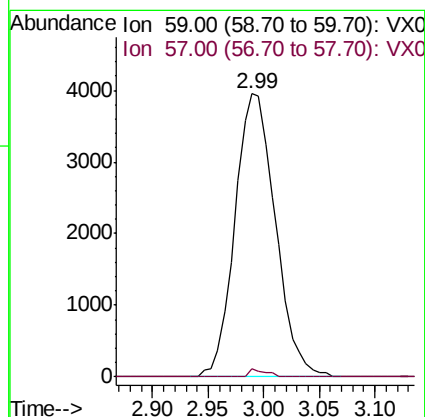
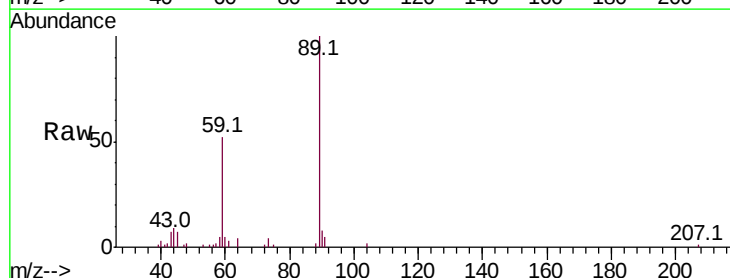
Acq: 25 Nov 2020 11:41

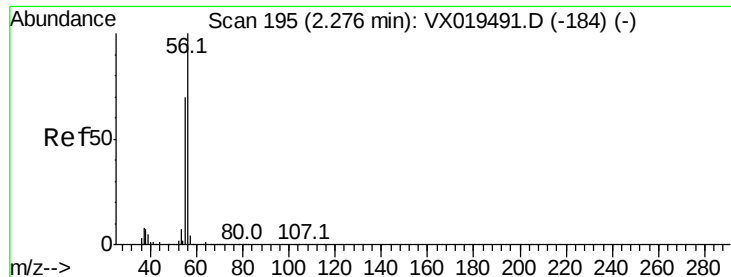
Tgt Ion: 59 Resp: 9959

Ion Ratio Lower Upper

59 100

57 1.1 7.9 11.9#





#13

Acrolein

Concen: 0.354 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019648.D

Acq: 25 Nov 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

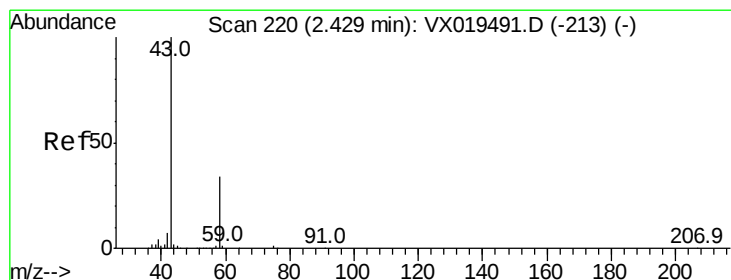
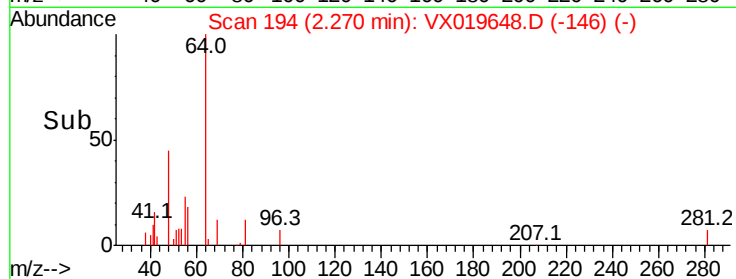
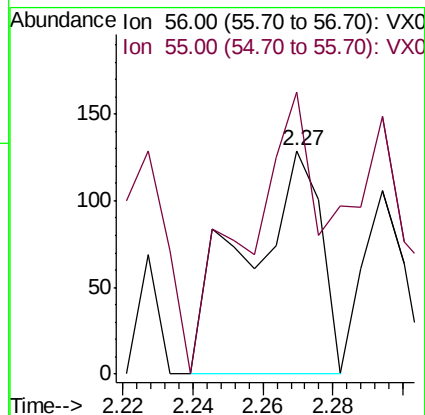
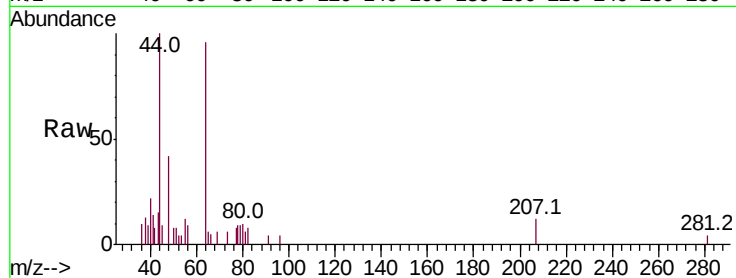
VX1125WBL01

Tot Ion: 56 Resp: 191

Ion Ratio Lower Upper

56 100

55 151.3 55.5 83.3#



#16

Acetone

Concen: 1.199 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019648.D

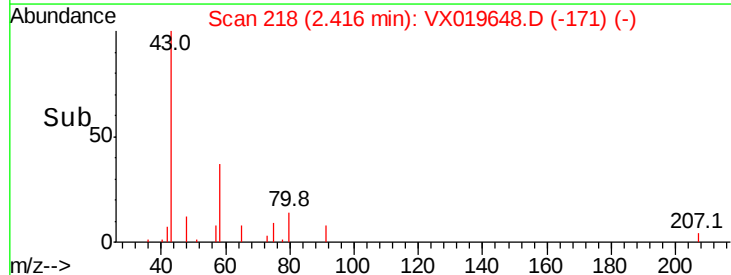
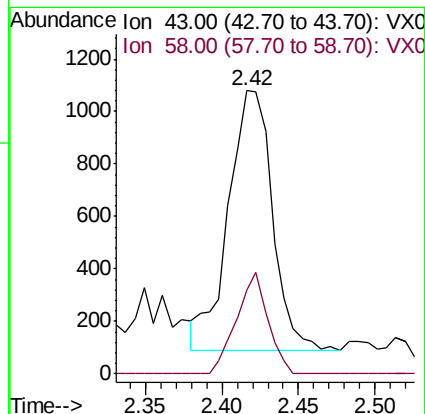
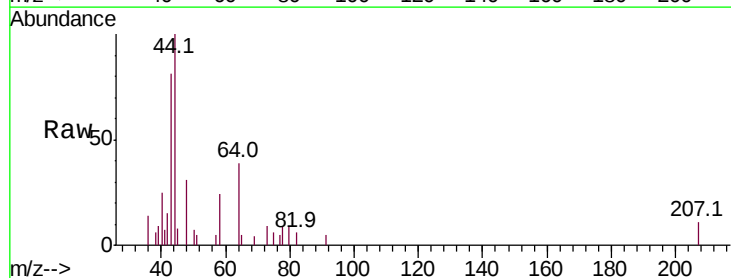
Acq: 25 Nov 2020 11:41

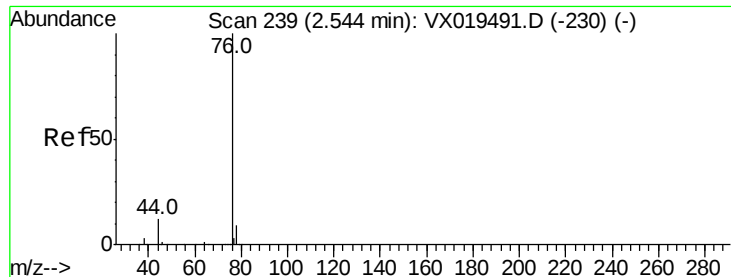
Tgt Ion: 43 Resp: 1967

Ion Ratio Lower Upper

43 100

58 32.2 27.4 41.2





#17

Carbon Disulfide

Concen: 0.217 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VX019648.D

Acq: 25 Nov 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

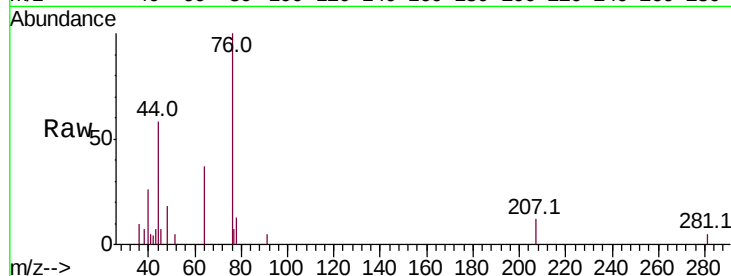
VX1125WBL01

Tot Ion: 76 Resp: 1897

Ion Ratio Lower Upper

76 100

78 12.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

1000

500

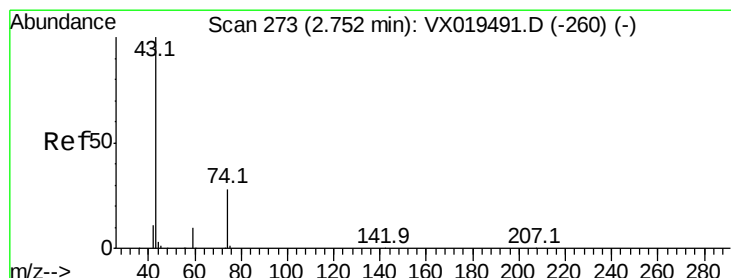
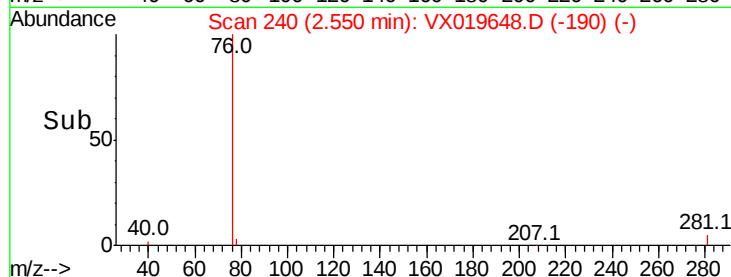
0

Time-->

2.50

2.55

2.60



#18

Methyl Acetate

Concen: 0.782 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019648.D

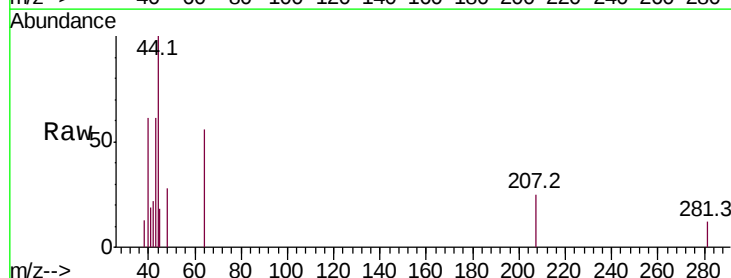
Acq: 25 Nov 2020 11:41

Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

43 100

74 3.5 22.2 33.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

300

200

100

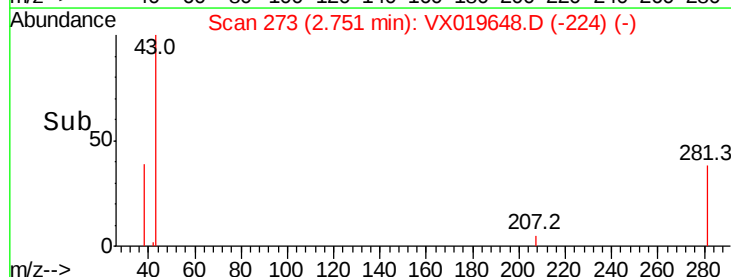
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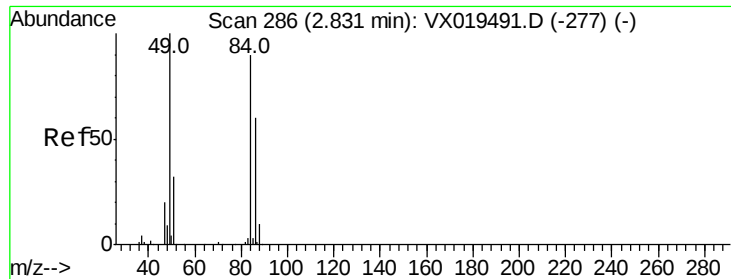
Time-->

2.70

2.75

2.80

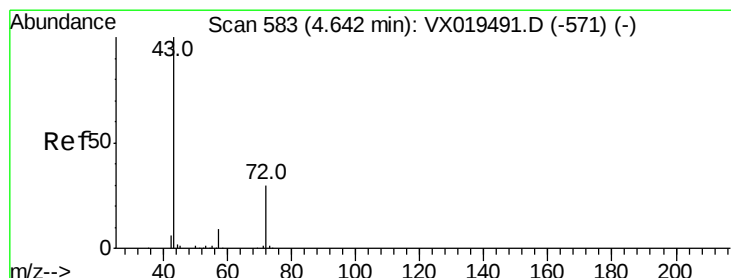
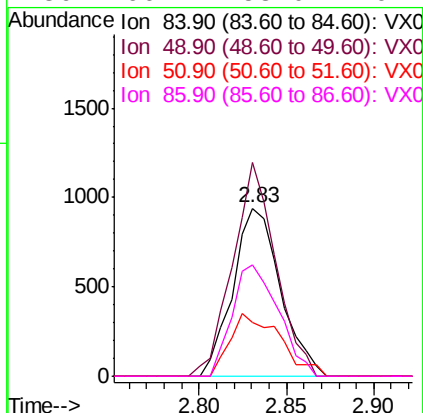
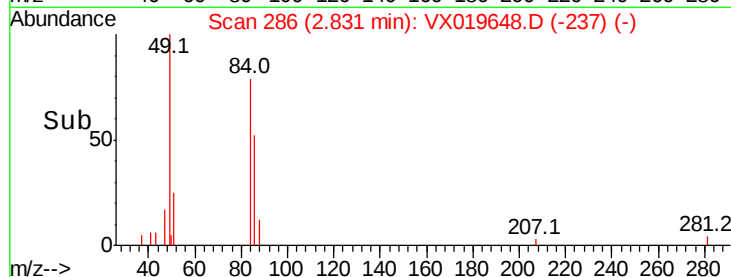
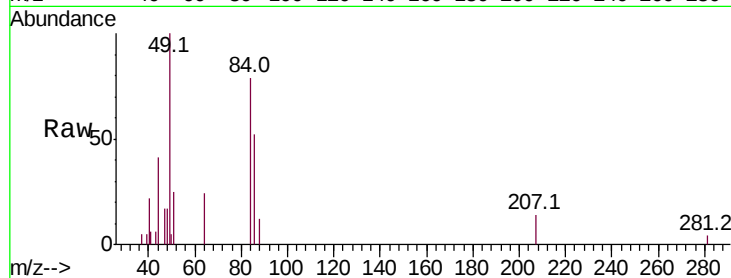




#20
Methvlene Chloride
Concen: 0.433 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019648.D
Acq: 25 Nov 2020 11:41

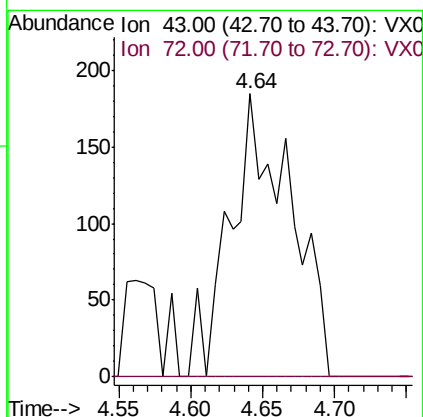
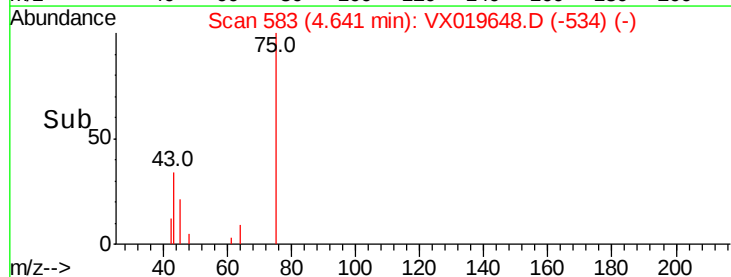
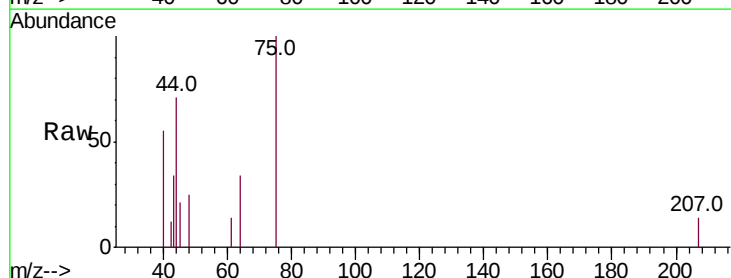
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

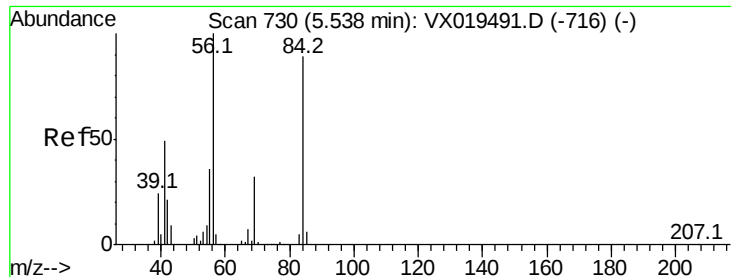
Tot Ion: 84 Resp: 1776
Ion Ratio Lower Upper
84 100
49 127.0 88.5 132.7
51 32.1 28.0 42.0
86 66.2 53.0 79.4



#25
2-Butanone
Concen: 0.218 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX019648.D
Acq: 25 Nov 2020 11:41

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#

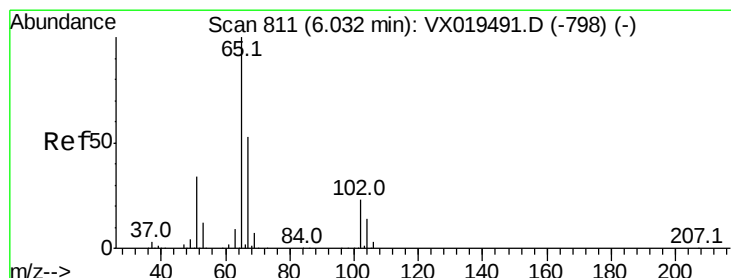
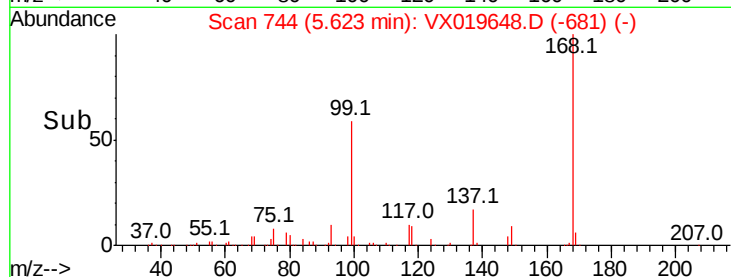
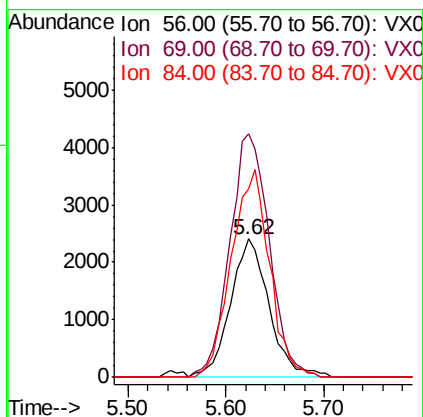
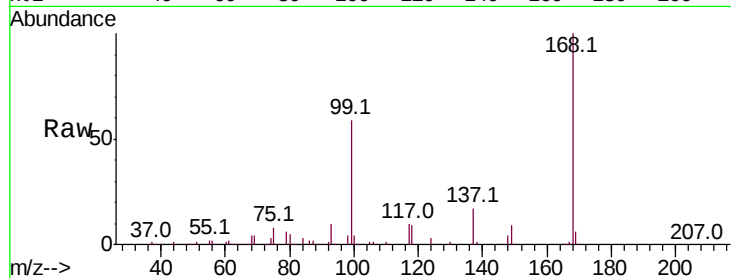




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019648.D
Acq: 25 Nov 2020 11:41

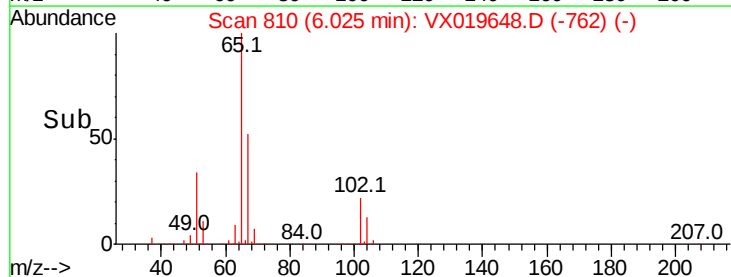
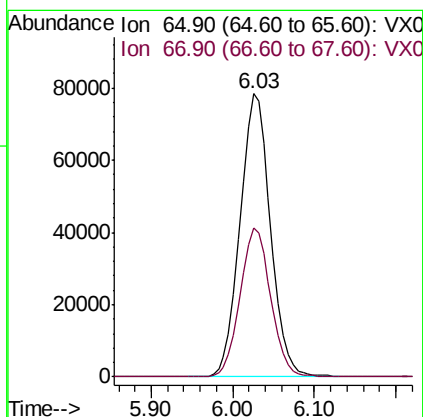
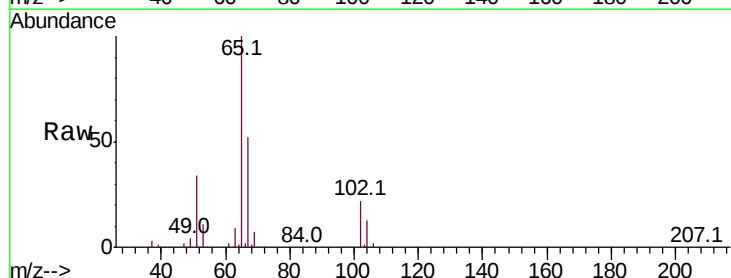
Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

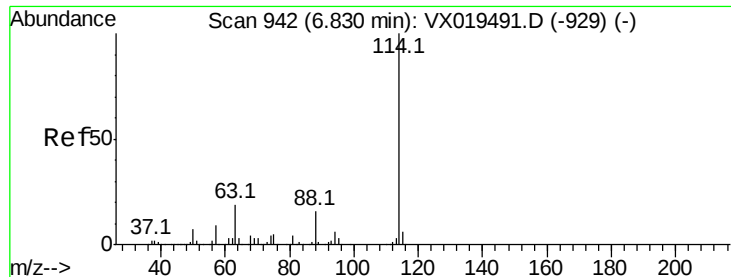
Tot Ion: 56 Resp: 6624
Ion Ratio Lower Upper
56 100
69 175.8 25.5 38.3#
84 136.3 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 47.791 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019648.D
Acq: 25 Nov 2020 11:41

Tgt Ion: 65 Resp: 202820
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: VX019648.D

Acq: 25 Nov 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBL01

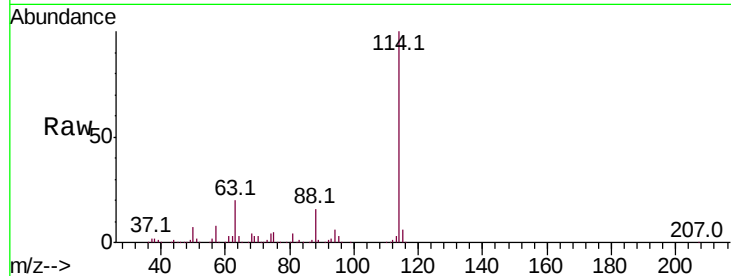
Tot Ion:114 Resp: 541053

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

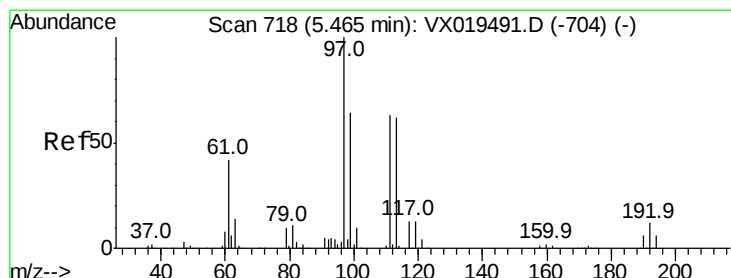
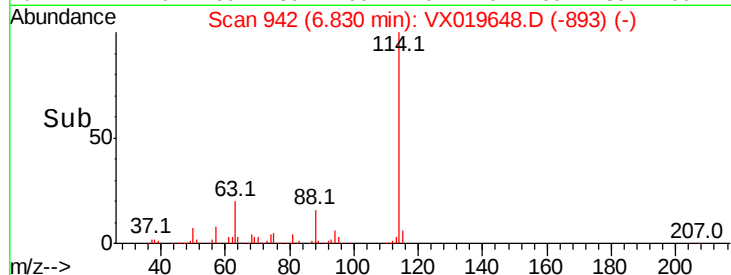
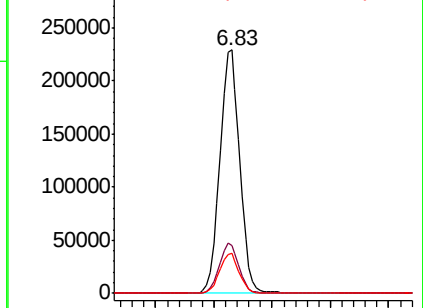
88 16.3 0.0 31.6



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: 47.355 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019648.D

Acq: 25 Nov 2020 11:41

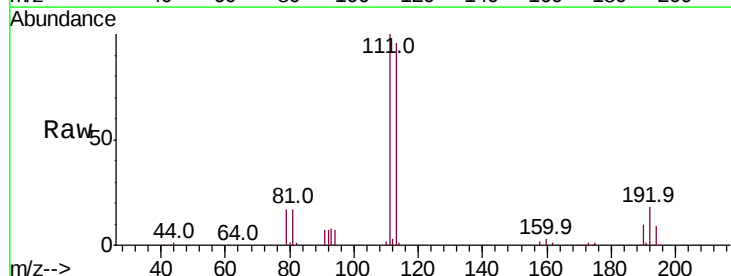
Tgt Ion:113 Resp: 160828

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

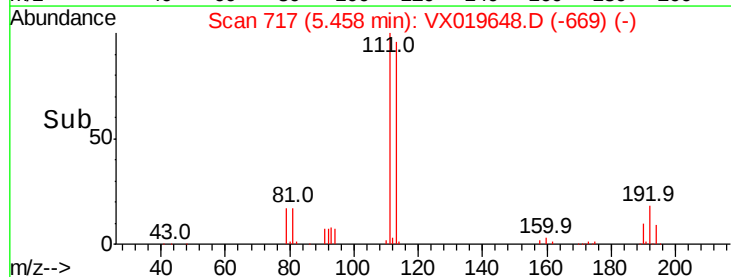
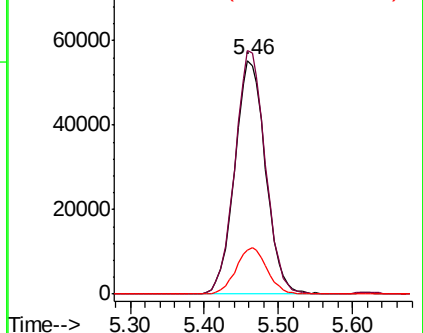
192 19.8 16.2 24.2

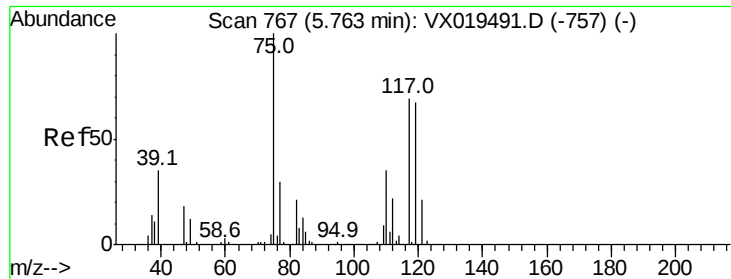


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

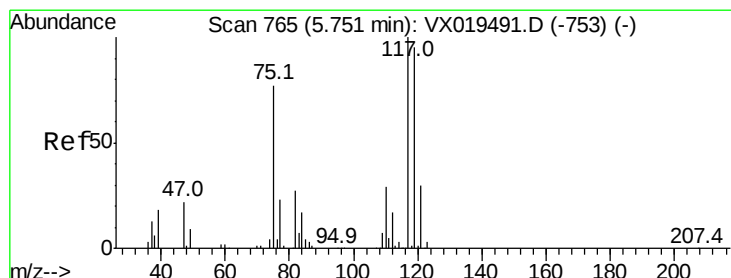
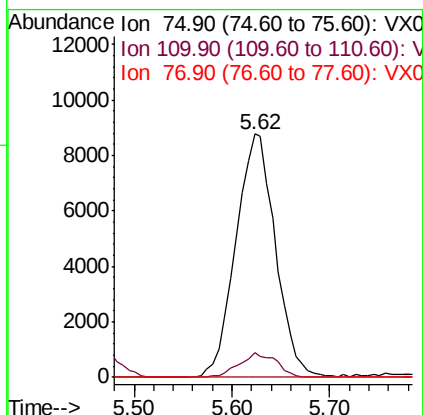
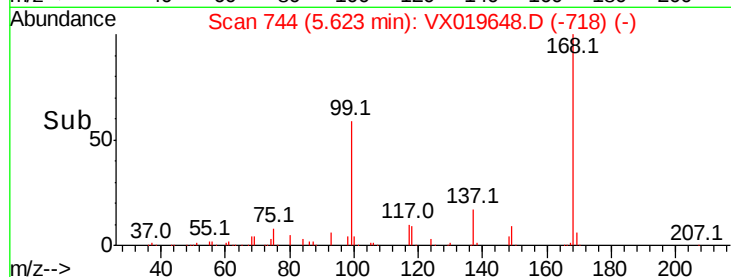
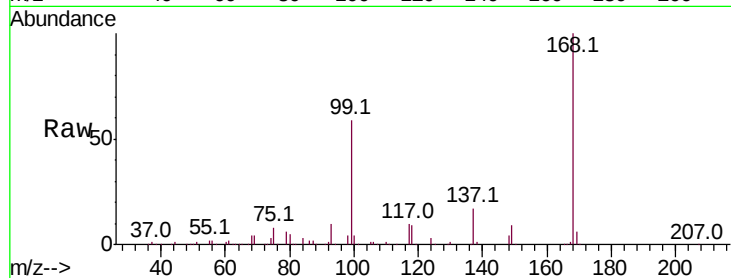




#36
 1,1-Dichloropropene
 Concen: 4.864 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX019648.D
 Acq: 25 Nov 2020 11:41

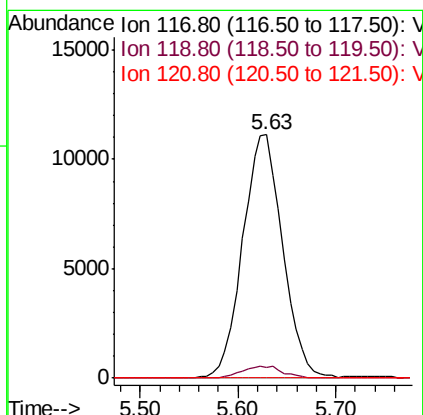
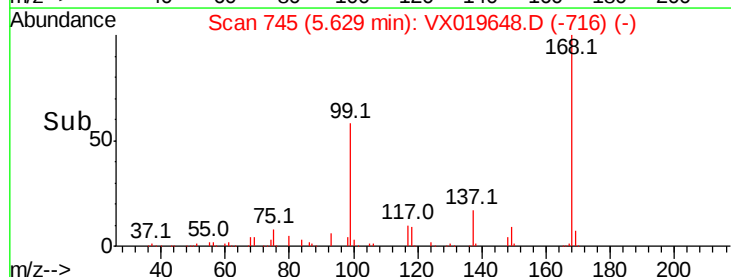
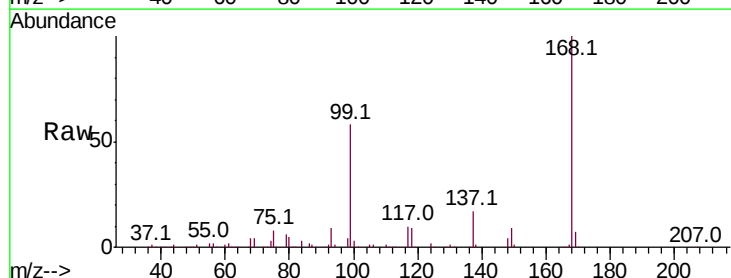
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBL01

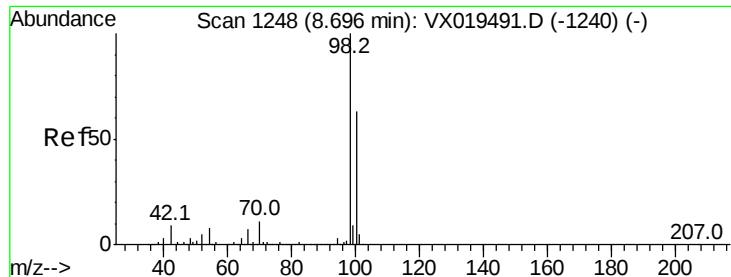
Tot Ion: 75 Resp: 24672
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.1 54.3#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 6.413 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX019648.D
 Acq: 25 Nov 2020 11:41

Tgt Ion: 117 Resp: 31486
 Ion Ratio Lower Upper
 117 100
 119 4.1 75.9 113.9#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 49.304 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019648.D

Acq: 25 Nov 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

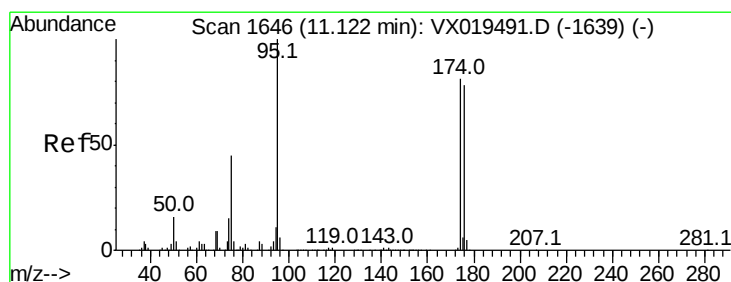
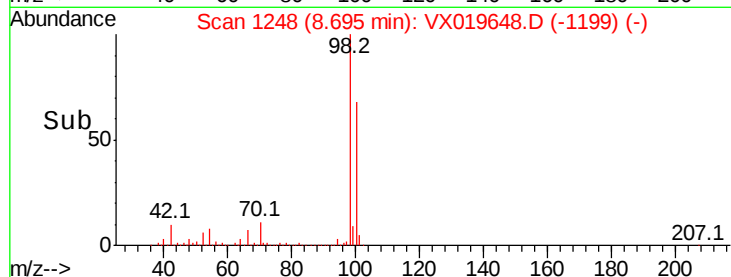
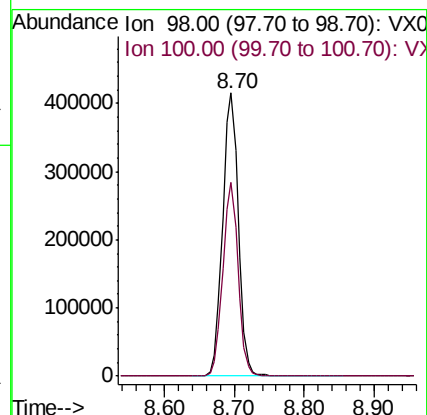
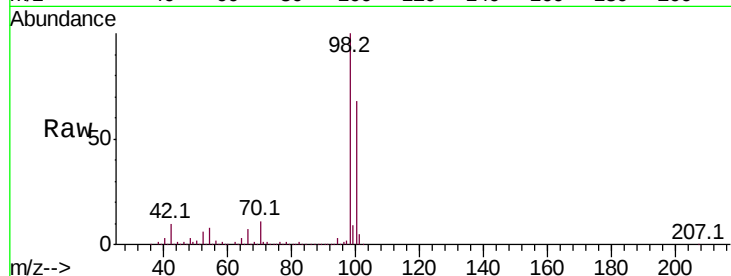
VX1125WBL01

Tot Ion: 98 Resp: 650683

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.203 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019648.D

Acq: 25 Nov 2020 11:41

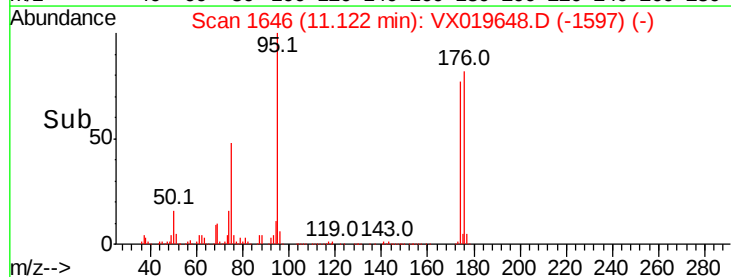
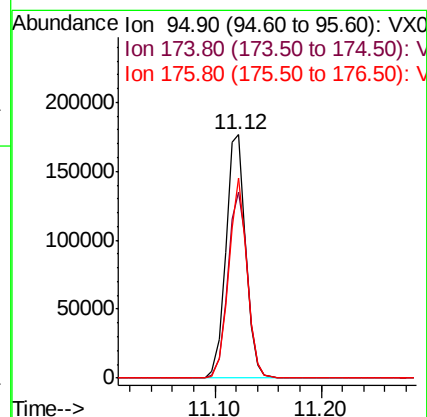
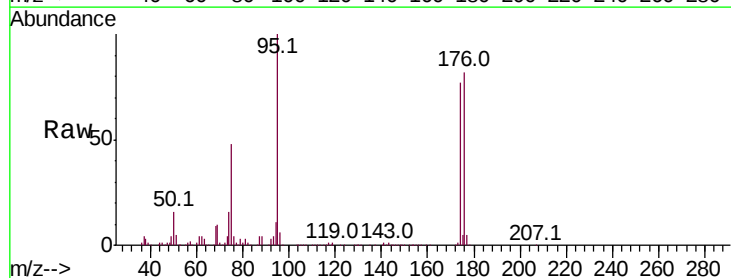
Tgt Ion: 95 Resp: 228879

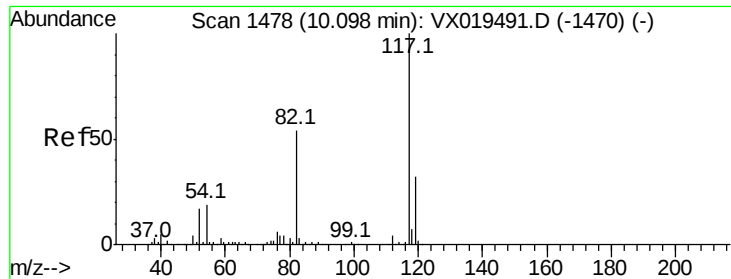
Ion Ratio Lower Upper

95 100

174 76.5 0.0 156.2

176 76.2 0.0 151.4

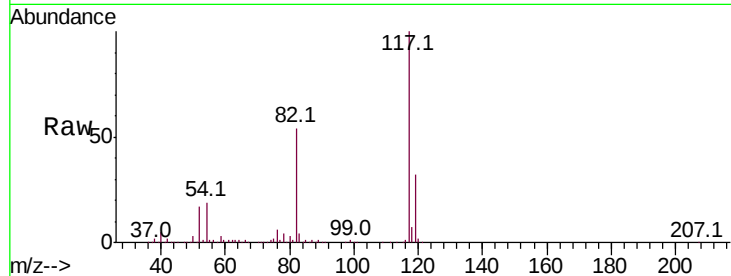




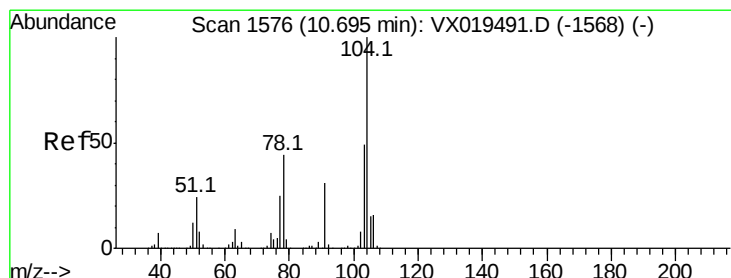
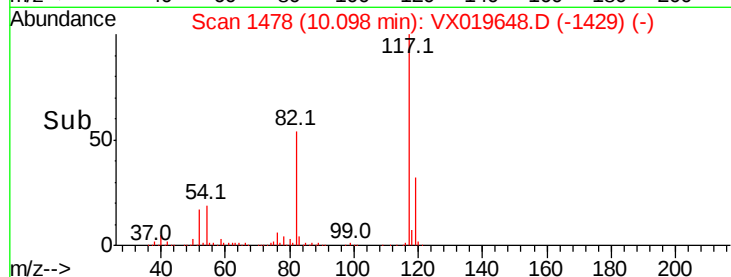
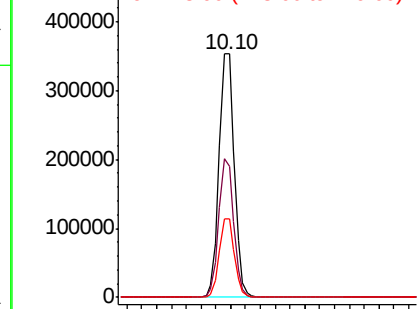
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019648.D
Acq: 25 Nov 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

Tot Ion:117 Resp: 496748
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.1 25.6 38.4

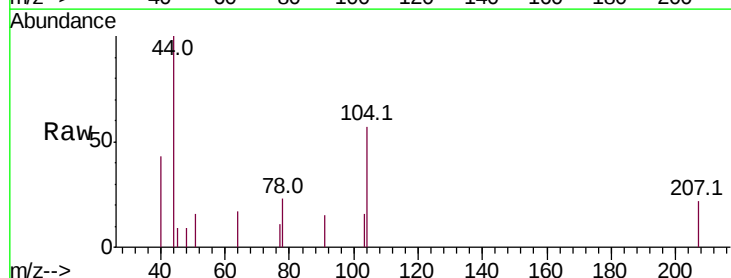


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

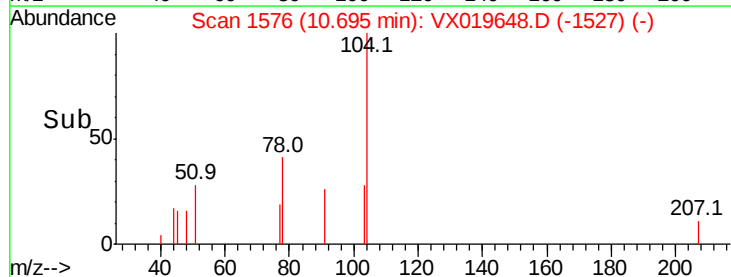
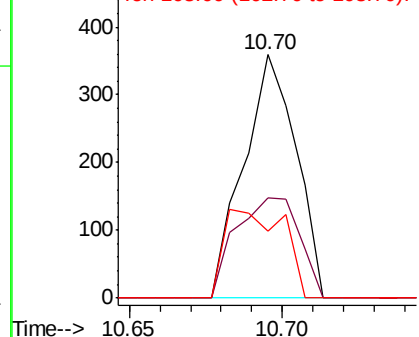


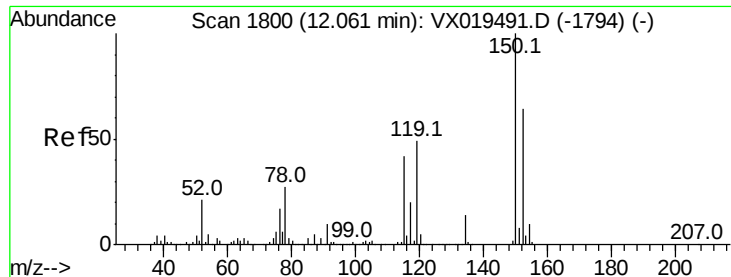
#70
Styrene
Concen: 1.681 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019648.D
Acq: 25 Nov 2020 11:41

Tgt Ion:104 Resp: 425
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 41.2 43.6 65.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019648.D

Acq: 25 Nov 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBL01

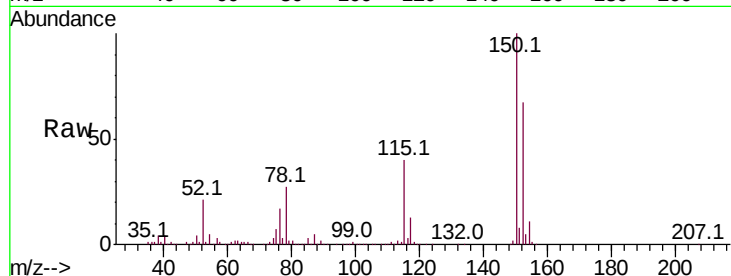
Tot Ion:152 Resp: 209770

Ion Ratio Lower Upper

152 100

115 61.2 41.8 125.4

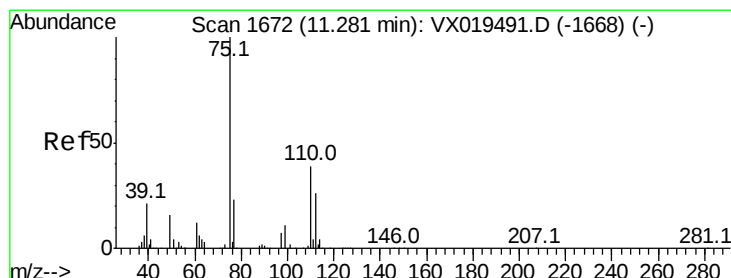
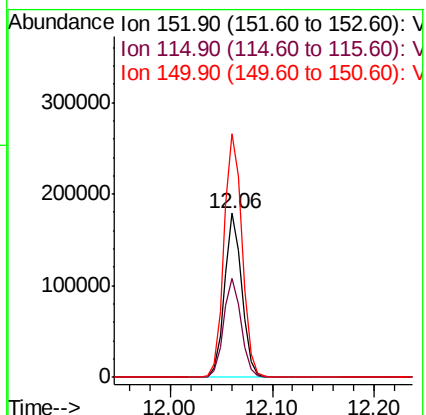
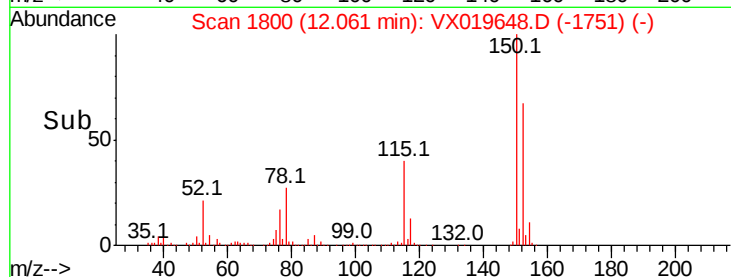
150 155.9 0.0 348.2



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: 24.485 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019648.D

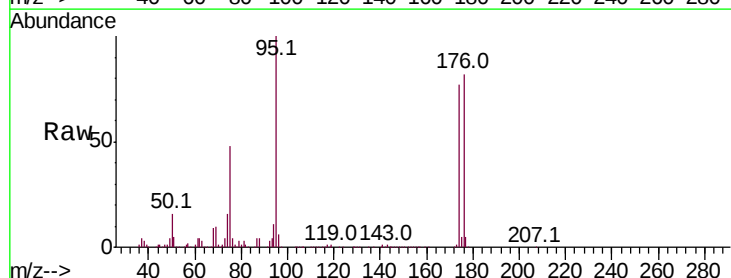
Acq: 25 Nov 2020 11:41

Tgt Ion: 75 Resp: 112090

Ion Ratio Lower Upper

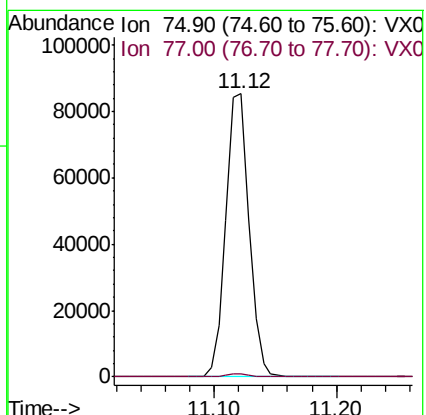
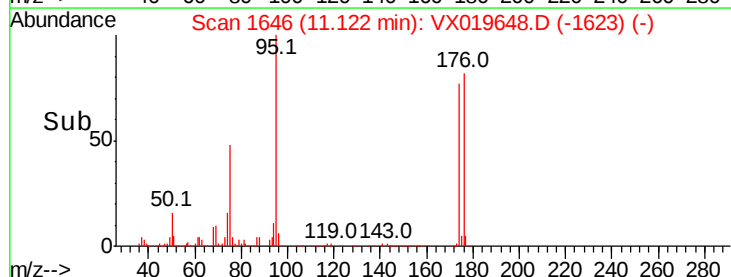
75 100

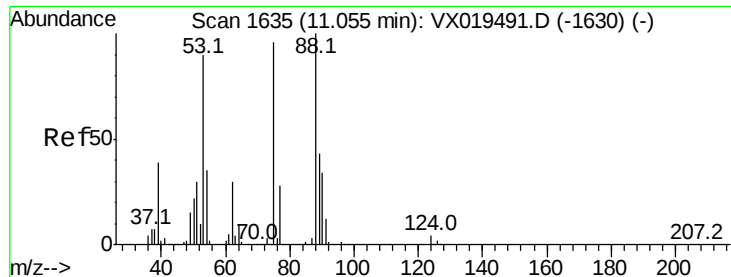
77 1.3 20.0 60.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

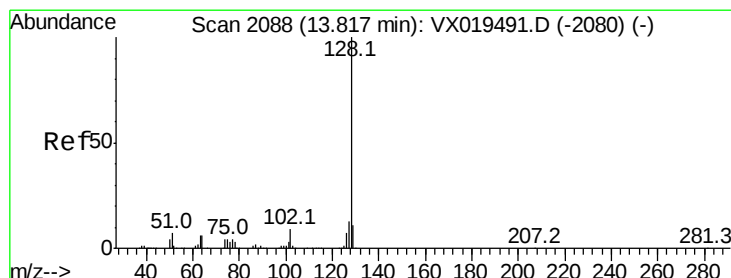
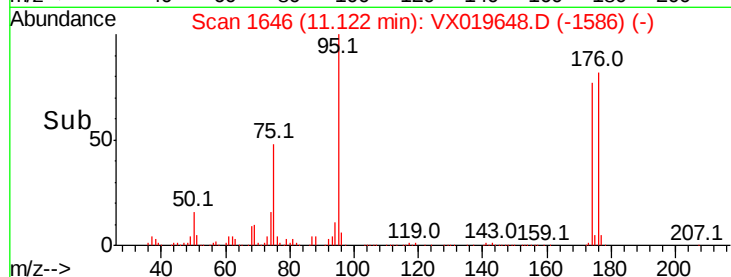
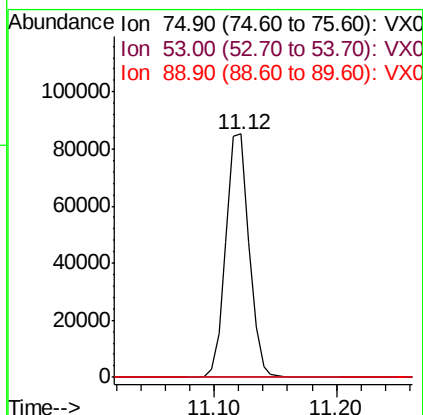
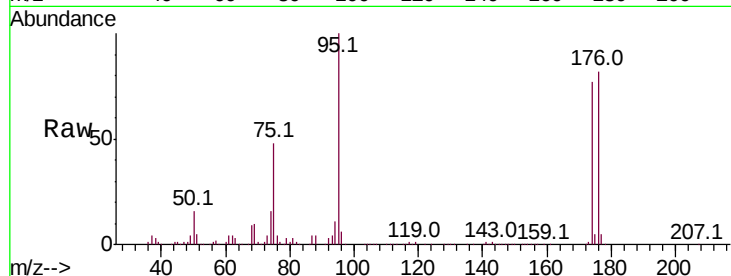




#81
trans-1,4-Dichloro-2-butene
Concen: 64.767 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019648.D
Acq: 25 Nov 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

Tot Ion: 75 Resp: 112090
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 37.3 55.9#



#95
Naphthalene
Concen: 2.233 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019648.D
Acq: 25 Nov 2020 11:41

Tgt Ion: 128 Resp: 885
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.3 8.7 13.1

