

Data File : VX019595.D
Acq On : 24 Nov 2020 10:52
Operator : JC/MD
Sample : VX1124WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

Quant Time: Nov 25 03:59:05 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	313262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	511344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	473916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	191648	47.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.36%		
35) Dibromofluoromethane	5.46	113	152319	47.46	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.92%		
50) Toluene-d8	8.69	98	617032	49.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.94%		
62) 4-Bromofluorobenzene	11.12	95	220825	49.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.42%		

Target Compounds

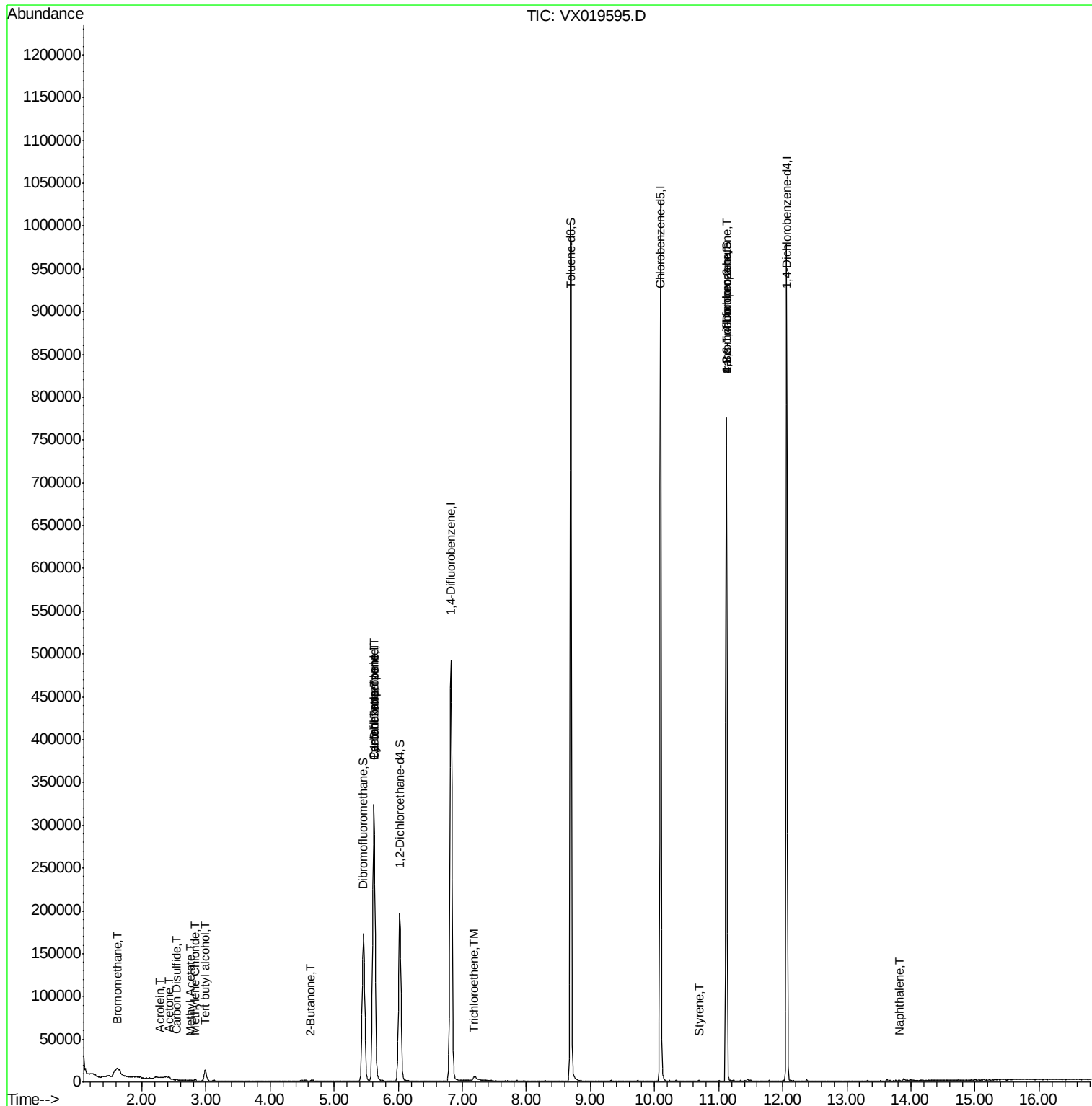
					Qvalue	
5) Bromomethane	1.63	94	492	0.345	ug/l #	30
6) Chloroethane	1.69	64	237	Below Cal	#	58
11) Tert butyl alcohol	2.98	59	8432	10.969	ug/l #	76
13) Acrolein	2.28	56	147	0.284	ug/l	87
16) Acetone	2.42	43	1492	0.950	ug/l #	79
17) Carbon Disulfide	2.54	76	1691	0.202	ug/l #	88
18) Methyl Acetate	2.75	43	949	0.878	ug/l #	84
20) Methylene Chloride	2.82	84	959	0.244	ug/l	92
25) 2-Butanone	4.63	43	492	0.209	ug/l #	45
31) Cyclohexane	5.62	56	6009	1.137	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23198	4.839	ug/l #	49
38) Carbon Tetrachloride	5.62	117	30384	6.548	ug/l #	16
44) Trichloroethene	7.18	130	1387	0.360	ug/l	70
70) Styrene	10.70	104	316	1.673	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	107132	24.548	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	107132	64.922	ug/l #	12
95) Naphthalene	13.82	128	694	2.223	ug/l #	84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019595.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

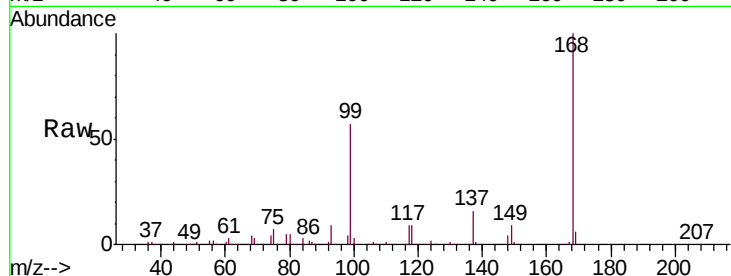
VX1124WBL01

Tgt Ion:168 Resp: 313262

Ion Ratio Lower Upper

168 100

99 57.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VX019491.D (-732) (-)

Ion 98.90 (98.60 to 99.60): VX019491.D (-732) (-)

5.62

120000

100000

80000

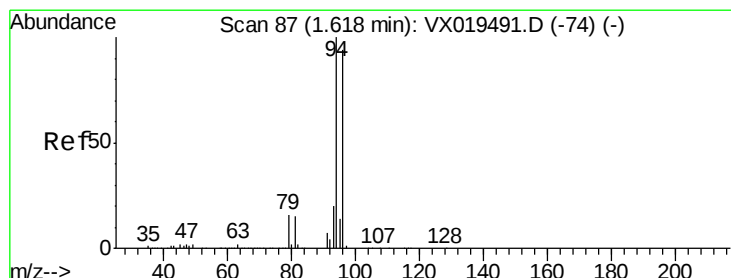
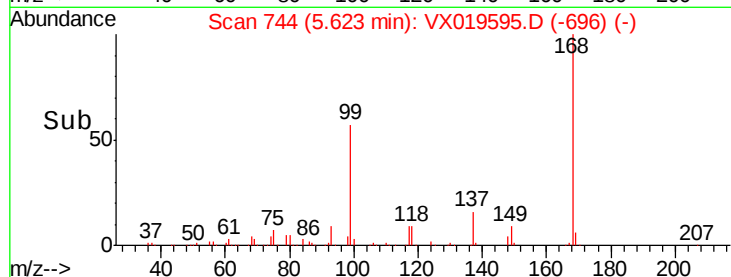
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.345 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX019595.D

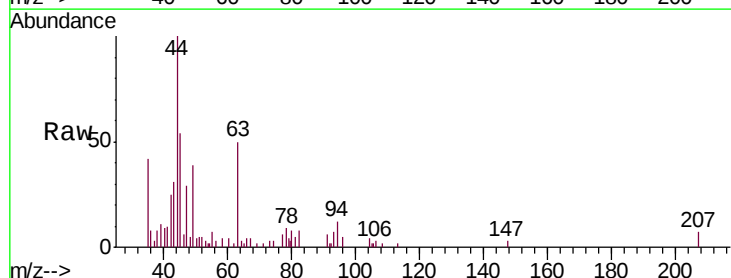
Acq: 24 Nov 2020 10:52

Tgt Ion: 94 Resp: 492

Ion Ratio Lower Upper

94 100

96 26.5 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX019491.D (-74) (-)

Ion 95.90 (95.60 to 96.60): VX019491.D (-74) (-)

1.63

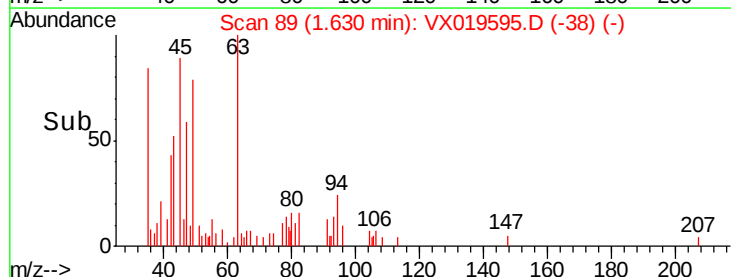
300

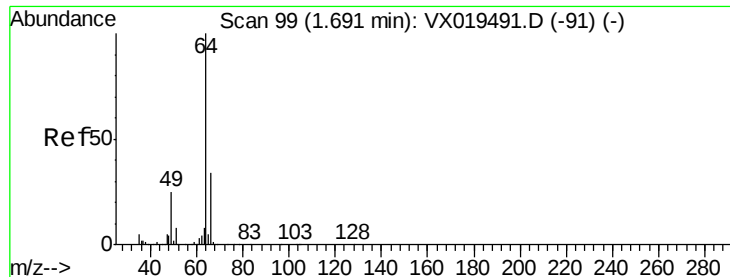
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019595.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

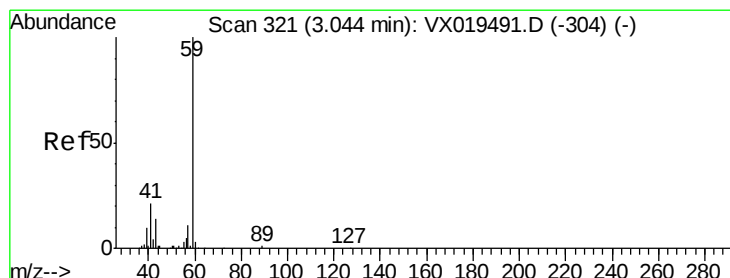
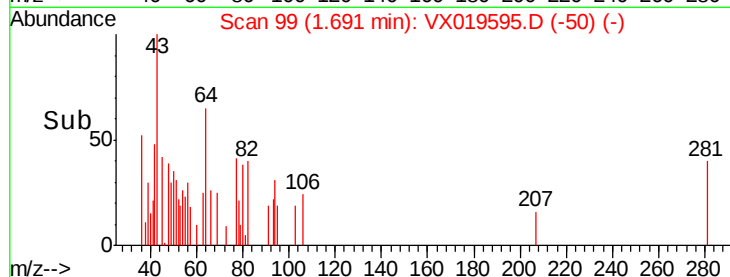
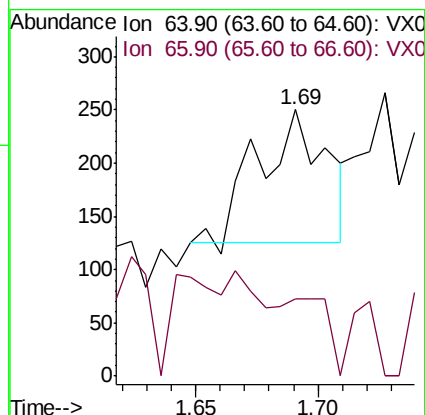
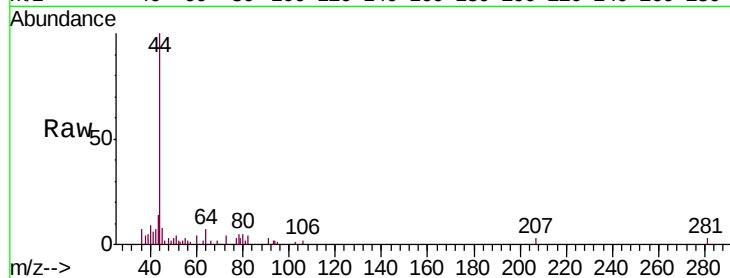
VX1124WBL01

Tgt Ion: 64 Resp: 237

Ion Ratio Lower Upper

64 100

66 58.1 27.1 40.7#



#11

Tert butyl alcohol

Concen: 10.969 ug/l

RT: 2.98 min Scan# 311

Delta R.T. -0.06 min

Lab File: VX019595.D

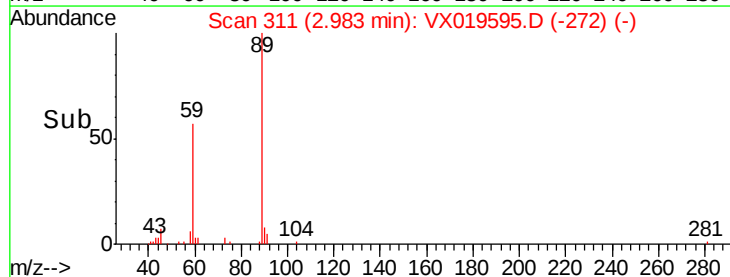
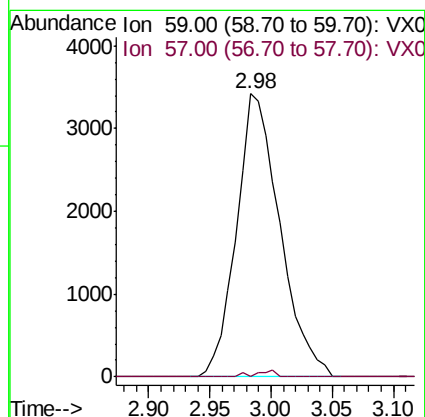
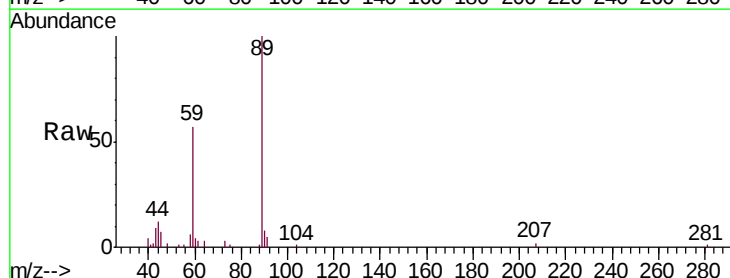
Acq: 24 Nov 2020 10:52

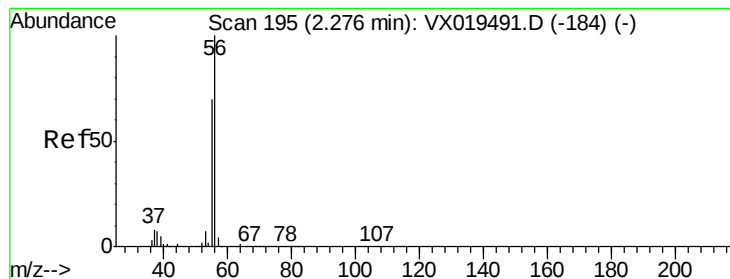
Tgt Ion: 59 Resp: 8432

Ion Ratio Lower Upper

59 100

57 1.1 7.9 11.9#





#13

Acrolein

Concen: 0.284 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019595.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

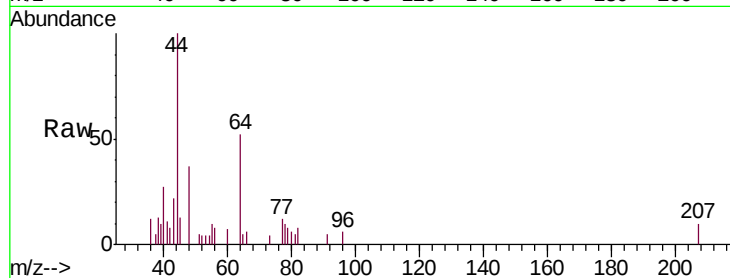
VX1124WBL01

Tgt Ion: 56 Resp: 147

Ion Ratio Lower Upper

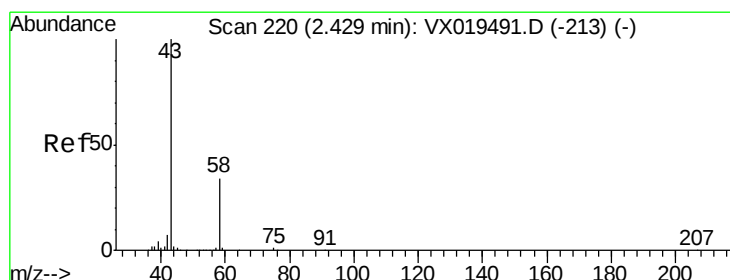
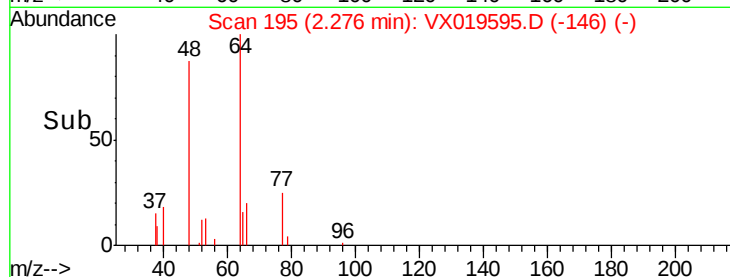
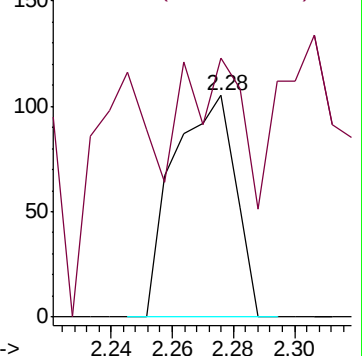
56 100

55 59.2 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.950 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019595.D

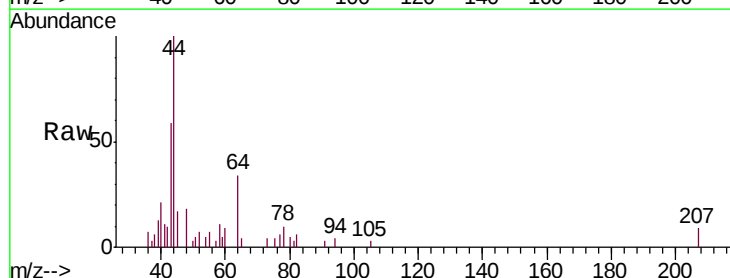
Acq: 24 Nov 2020 10:52

Tgt Ion: 43 Resp: 1492

Ion Ratio Lower Upper

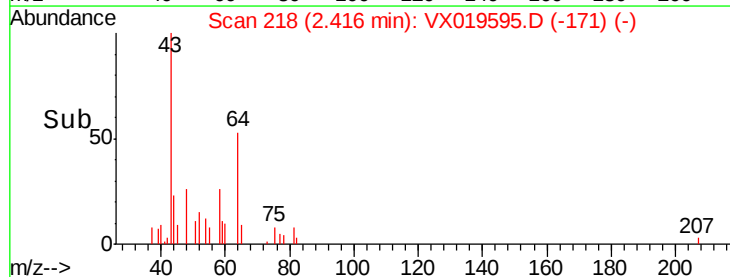
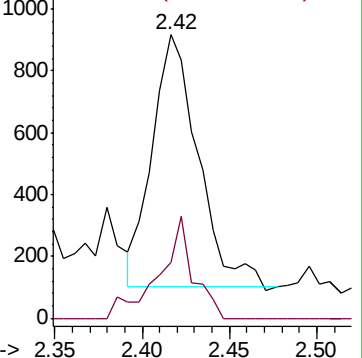
43 100

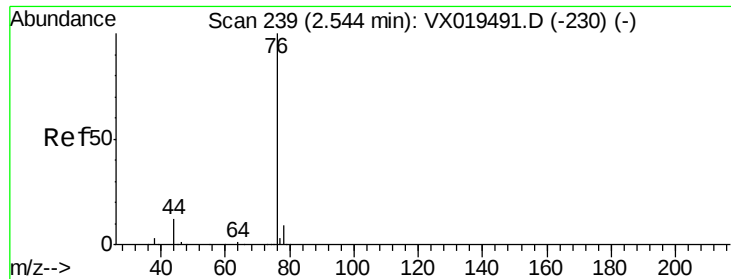
58 21.9 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

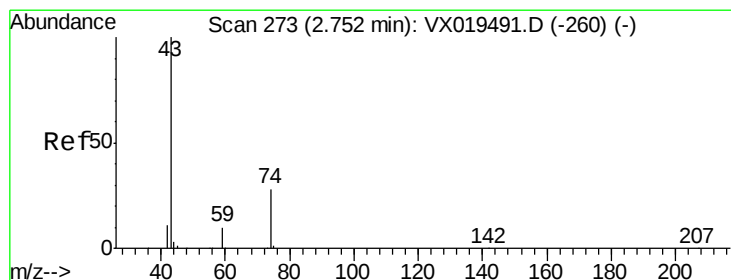
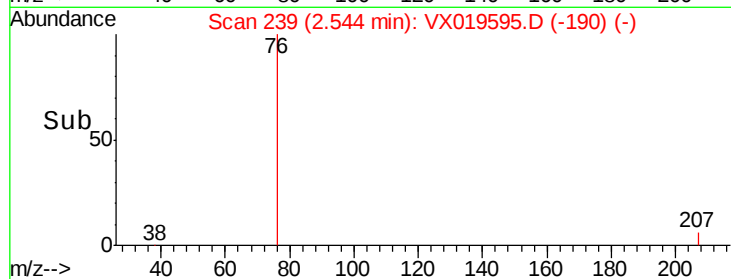
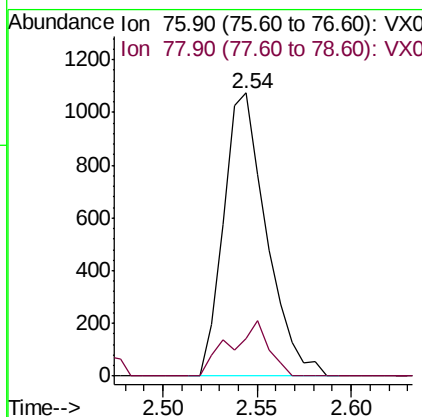
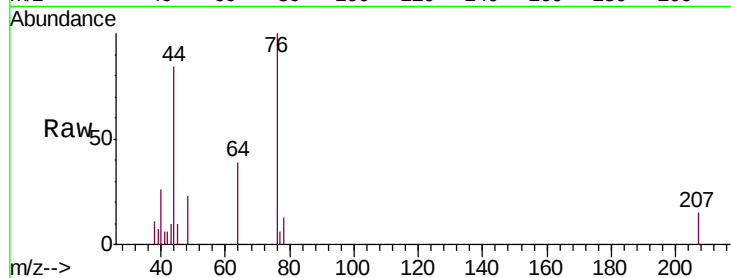




#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

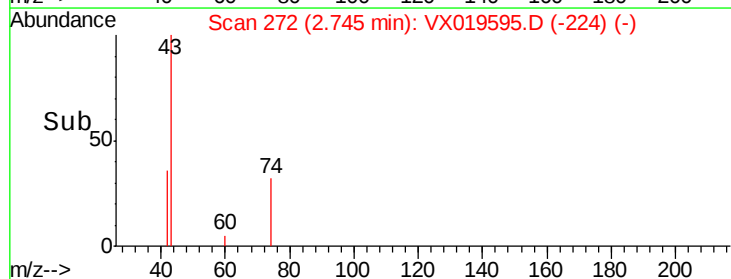
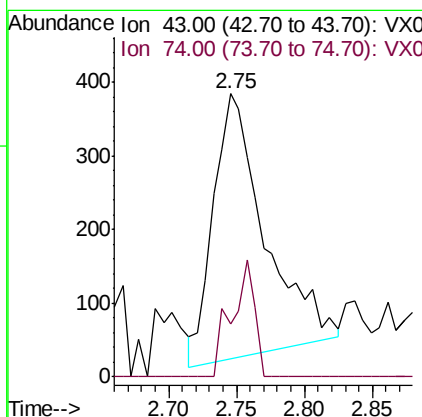
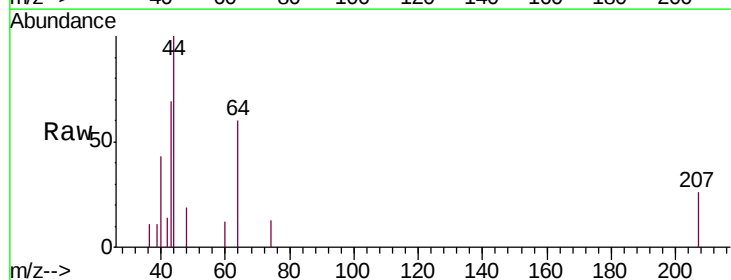
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

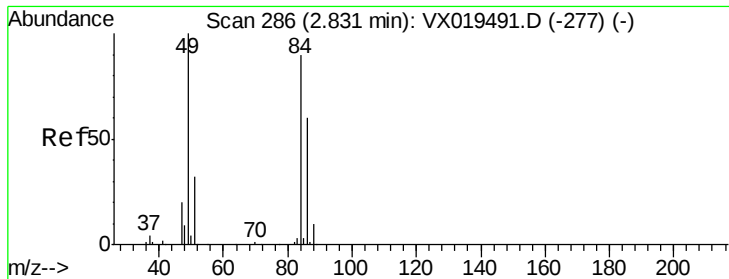
Tgt Ion: 76 Resp: 1691
Ion Ratio Lower Upper
76 100
78 13.4 7.2 10.8#



#18
Methyl Acetate
Concen: 0.878 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
74 19.5 22.2 33.4#

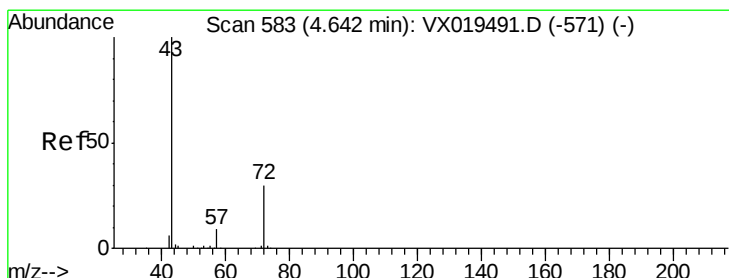
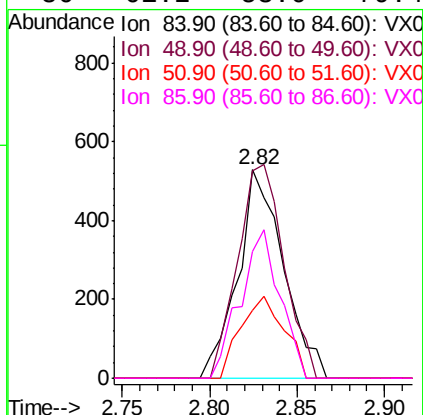
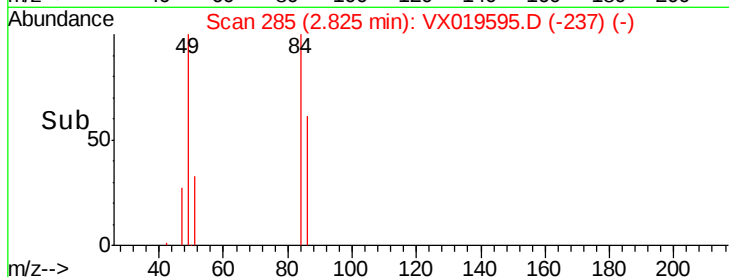
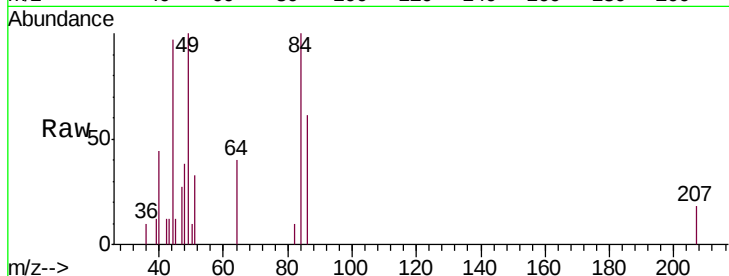




#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

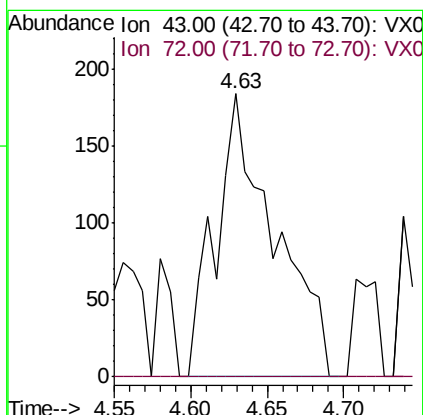
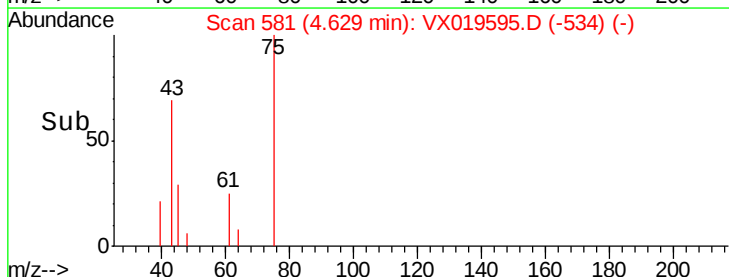
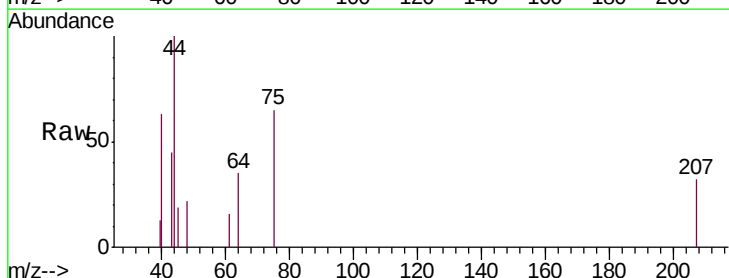
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

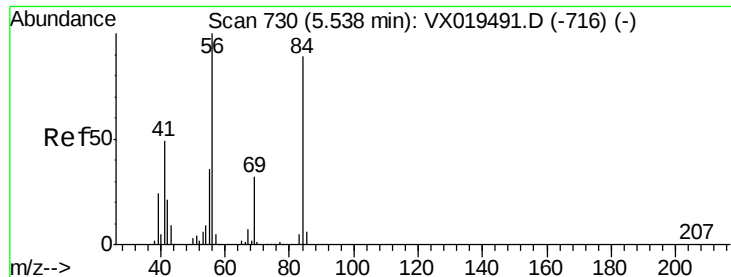
Tgt Ion:	84	Resp:	959
Ion	Ratio	Lower	Upper
84	100		
49	99.6	88.5	132.7
51	33.0	28.0	42.0
86	61.2	53.0	79.4



#25
2-Butanone
Concen: 0.209 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

Tgt Ion:	43	Resp:	492
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.0	36.0#

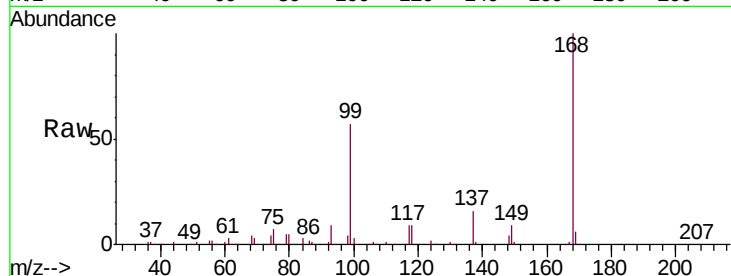




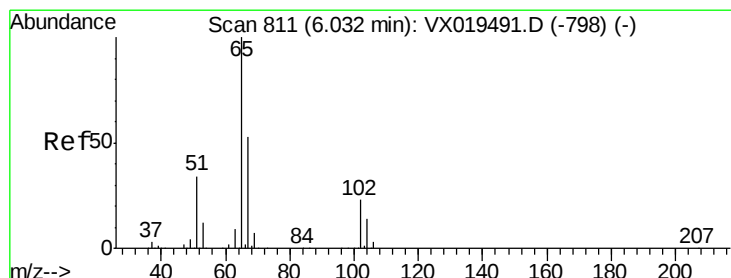
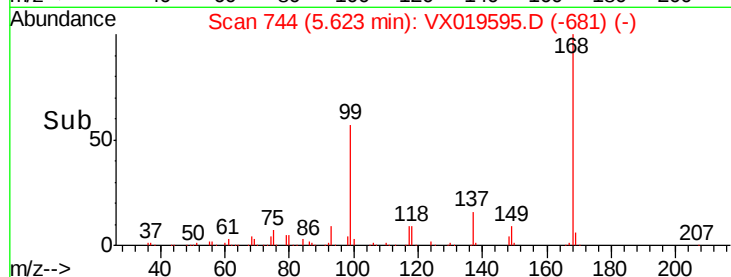
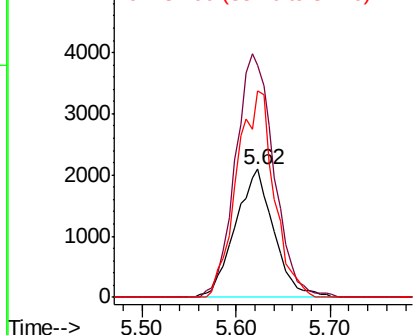
#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

Tgt Ion: 56 Resp: 6009
Ion Ratio Lower Upper
56 100
69 181.9 25.5 38.3#
84 161.3 71.1 106.7#

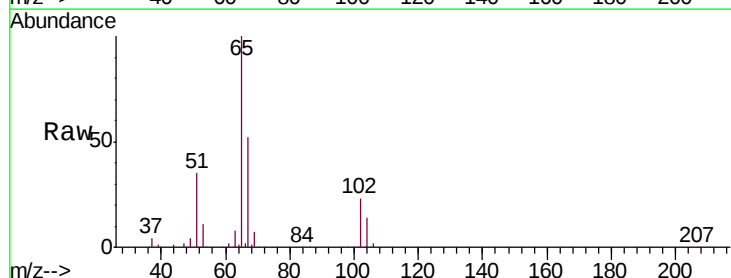


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

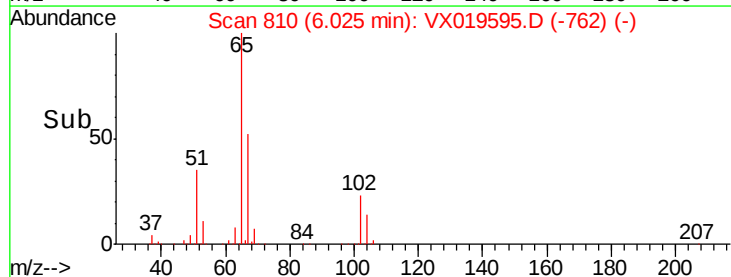
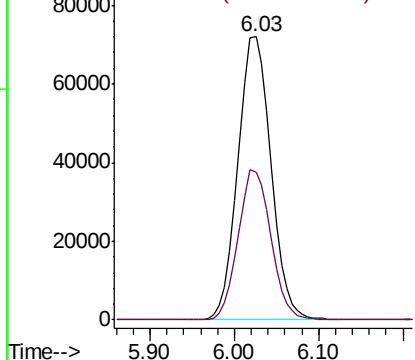


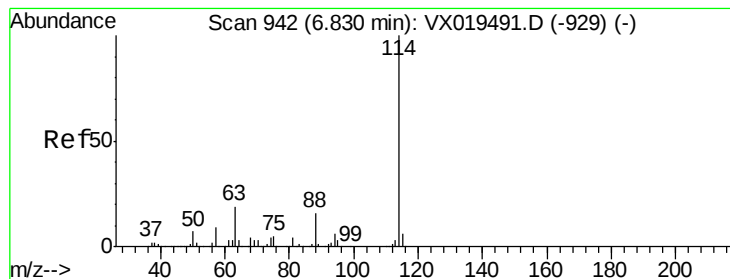
#33
1,2-Dichloroethane-d4
Concen: 47.184 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

Tgt Ion: 65 Resp: 191648
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019595.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBL01

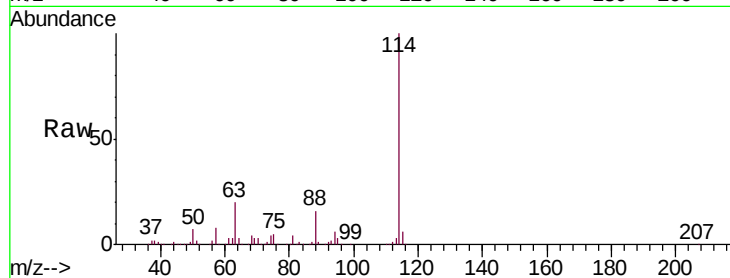
Tgt Ion:114 Resp: 511344

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

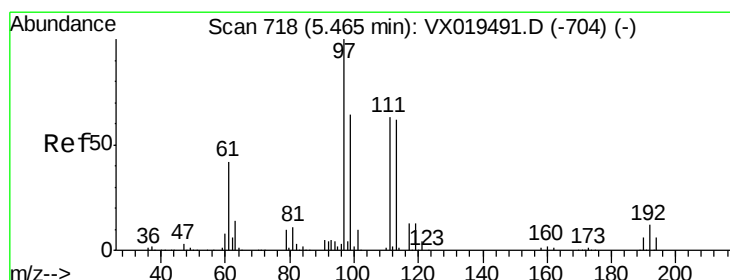
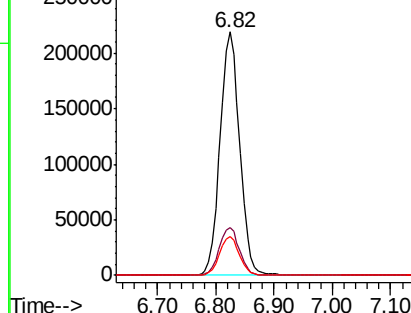
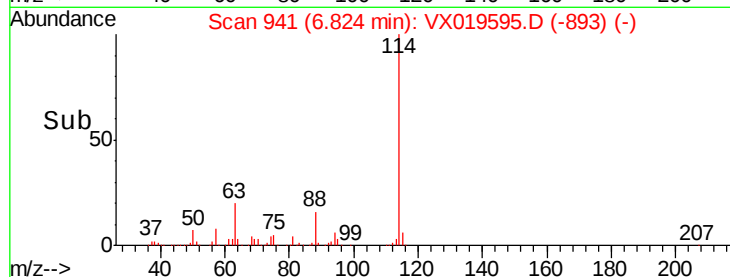
88 15.9 0.0 31.6



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: 47.456 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019595.D

Acq: 24 Nov 2020 10:52

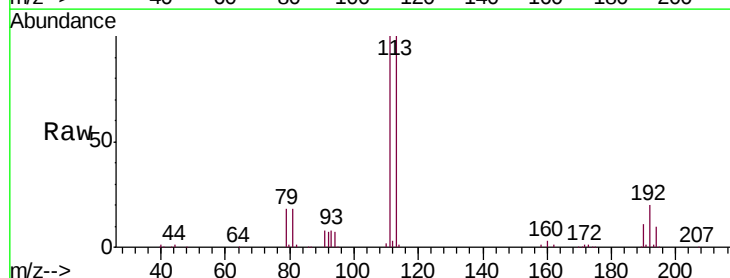
Tgt Ion:113 Resp: 152319

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

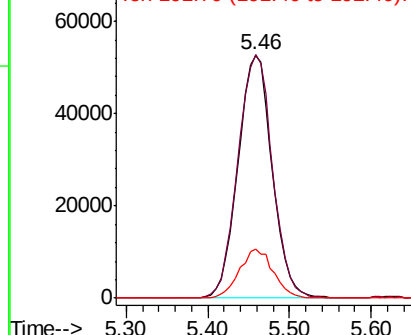
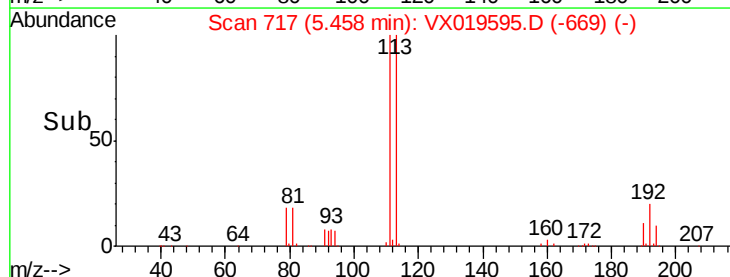
192 19.9 16.2 24.2

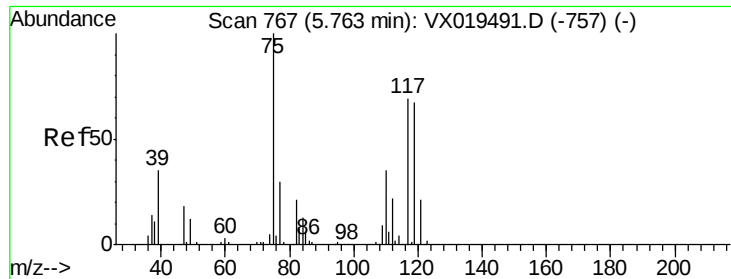


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.839 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.15 min

Lab File: VX019595.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBL01

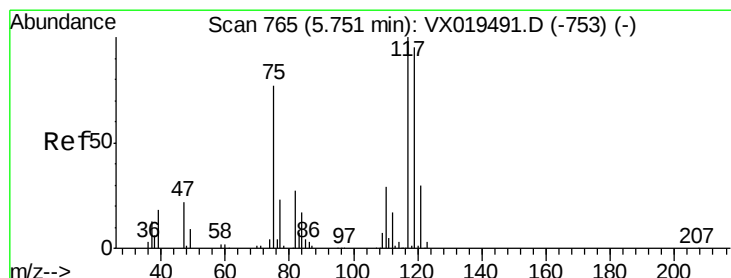
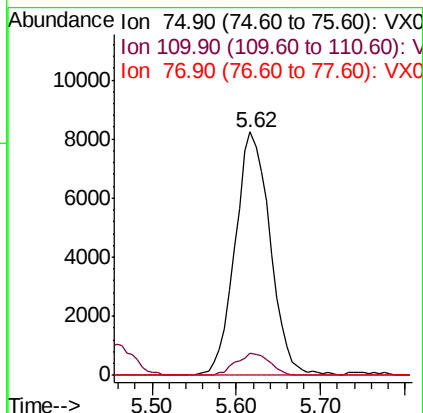
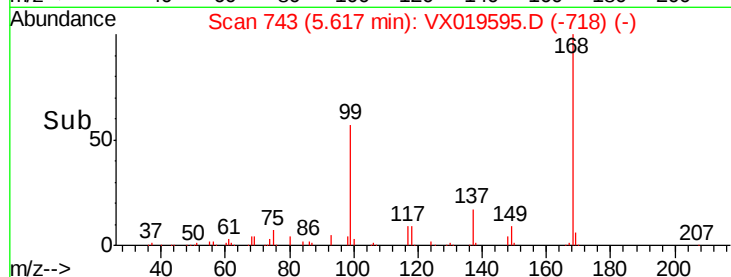
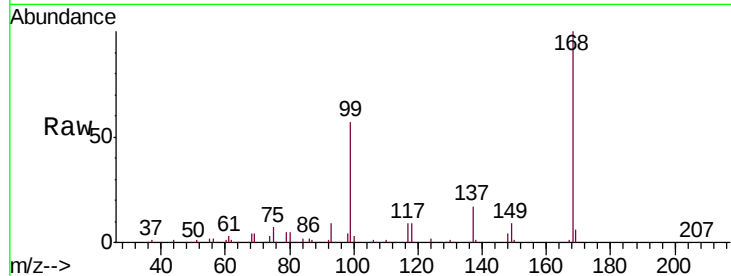
Tgt Ion: 75 Resp: 23198

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 6.548 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.13 min

Lab File: VX019595.D

Acq: 24 Nov 2020 10:52

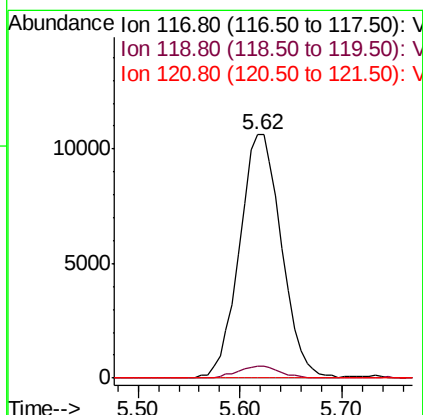
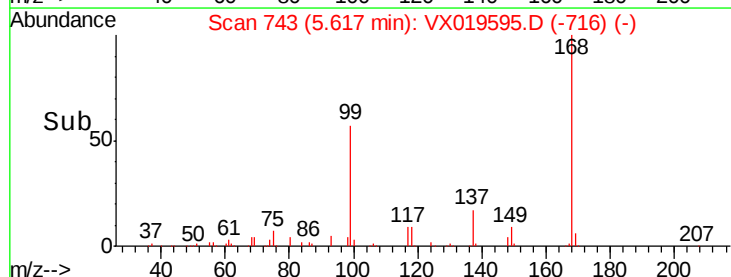
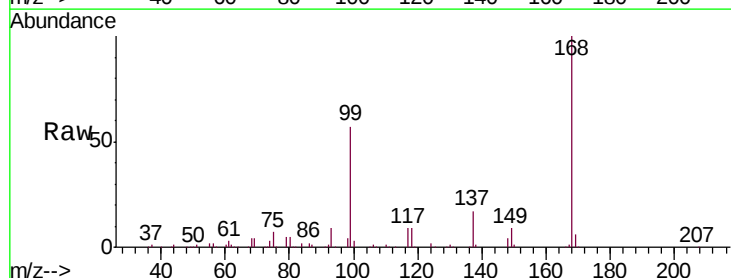
Tgt Ion: 117 Resp: 30384

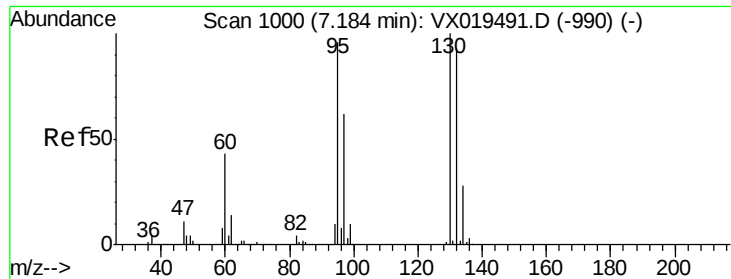
Ion Ratio Lower Upper

117 100

119 4.8 75.9 113.9#

121 0.0 24.0 36.0#

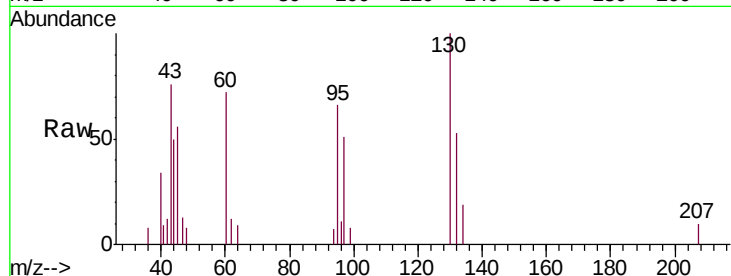




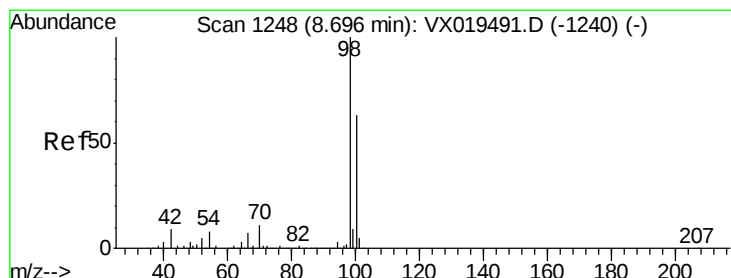
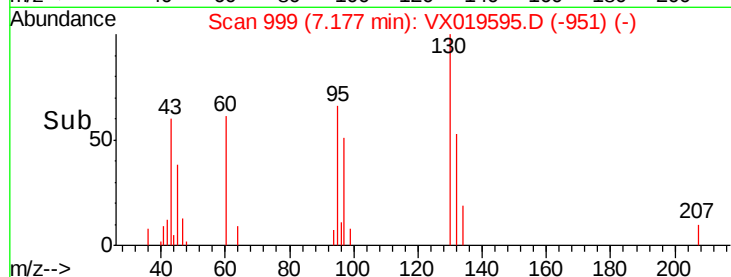
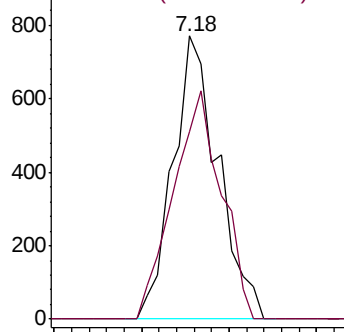
#44
 Trichloroethene
 Concen: 0.360 ug/l
 RT: 7.18 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VX019595.D
 Acq: 24 Nov 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBL01

Tgt Ion:130 Resp: 1387
 Ion Ratio Lower Upper
 130 100
 95 66.4 0.0 191.2

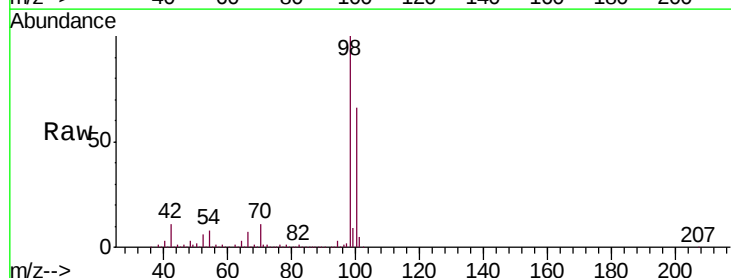


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

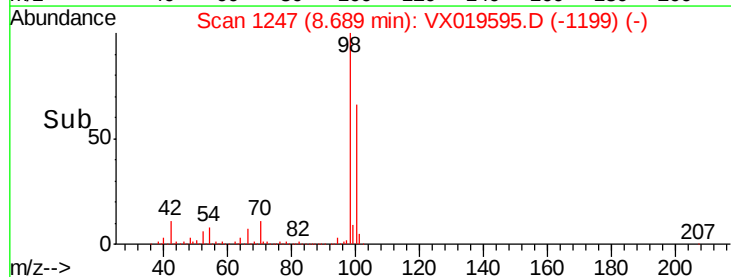
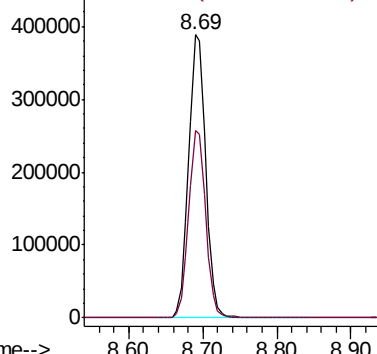


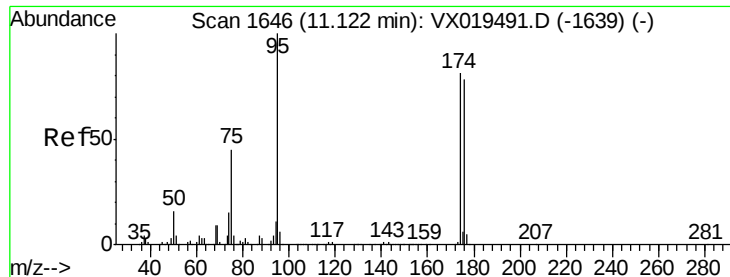
#50
 Toluene-d8
 Concen: 49.471 ug/l
 RT: 8.69 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: VX019595.D
 Acq: 24 Nov 2020 10:52

Tgt Ion: 98 Resp: 617032
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.4 78.6



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

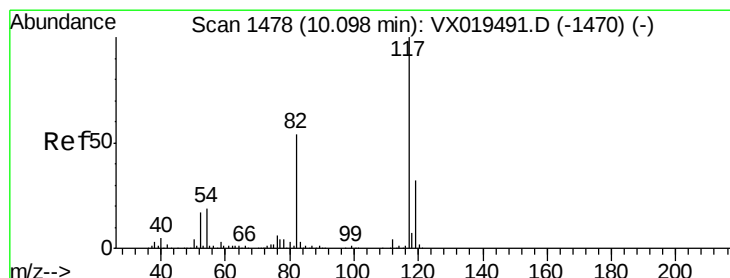
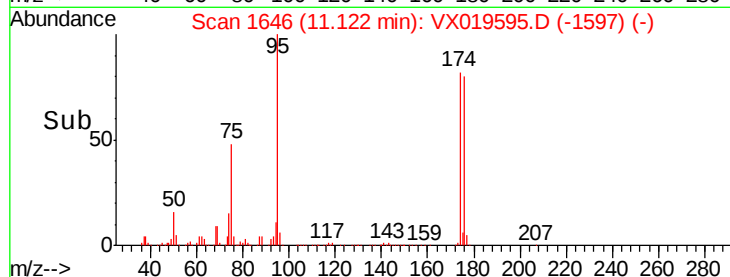
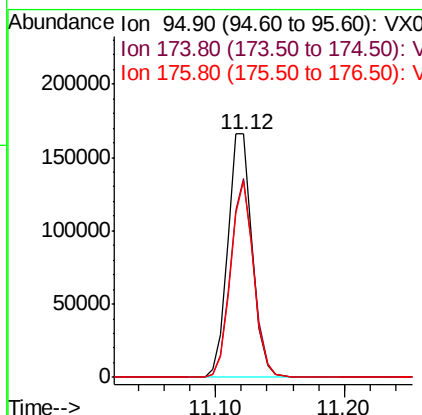
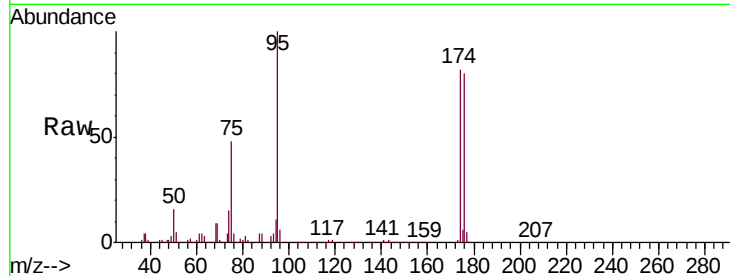




#62
4-Bromofluorobenzene
Concen: 49.209 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

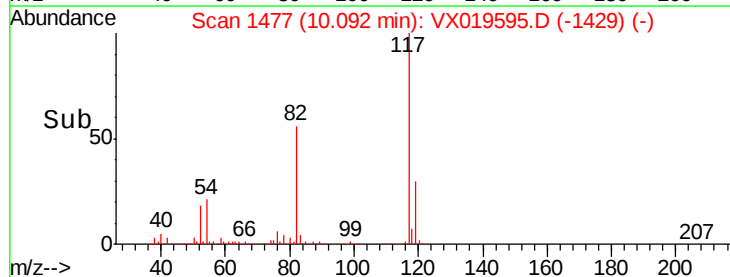
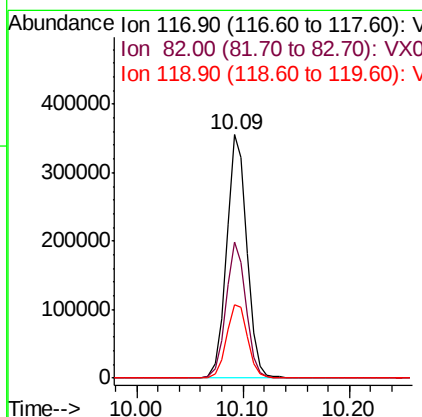
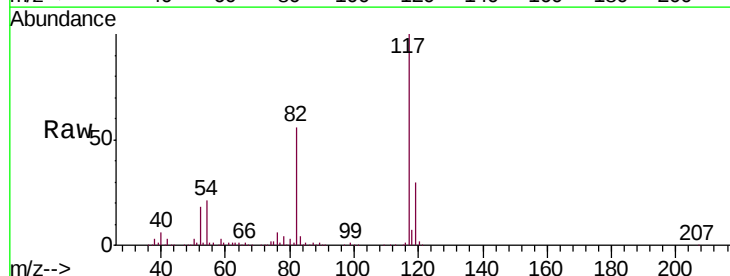
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

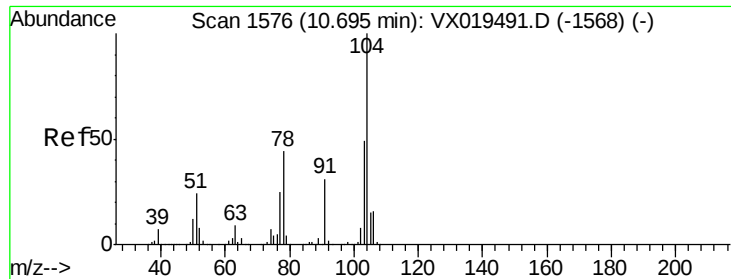
Tgt Ion: 95 Resp: 220825
Ion Ratio Lower Upper
95 100
174 77.8 0.0 156.2
176 75.6 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

Tgt Ion: 117 Resp: 473916
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 30.1 25.6 38.4

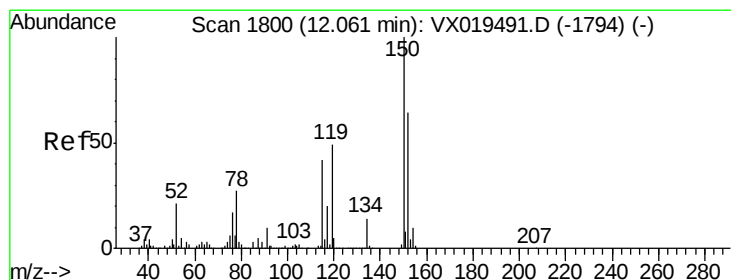
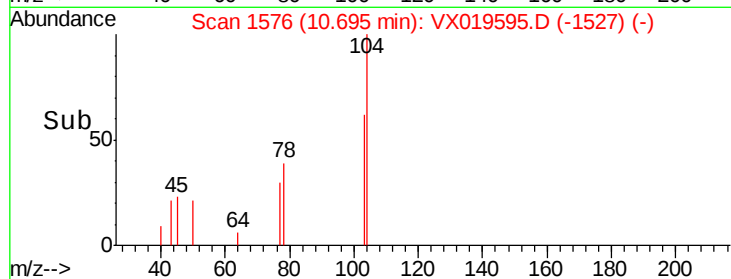
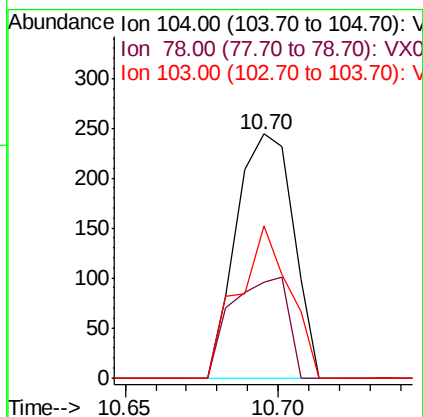
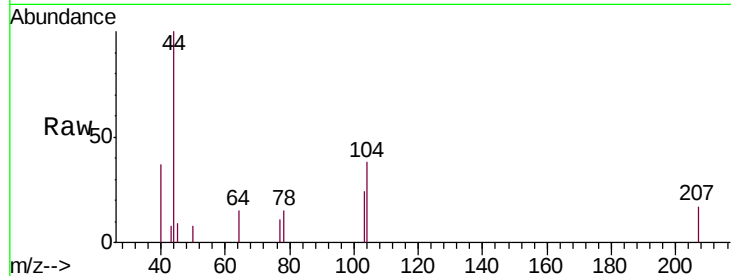




#70
Styrene
Concen: 1.673 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

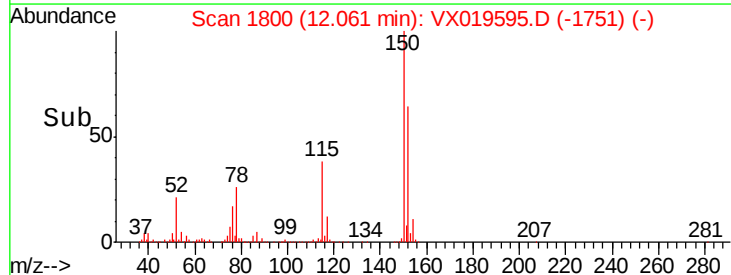
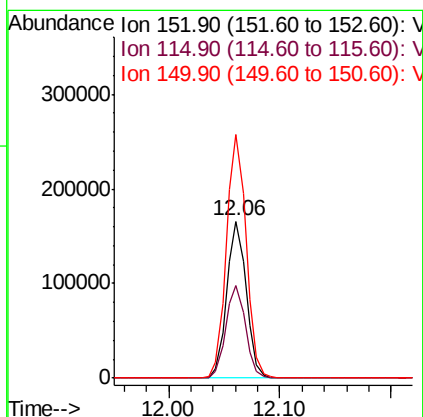
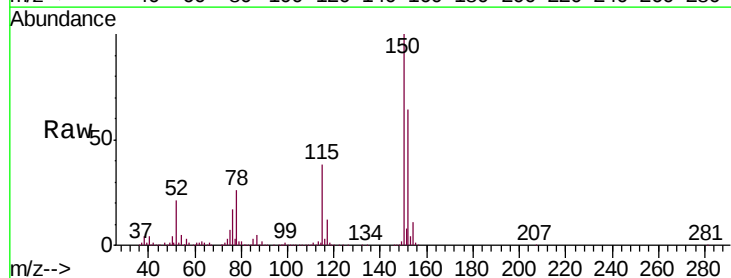
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

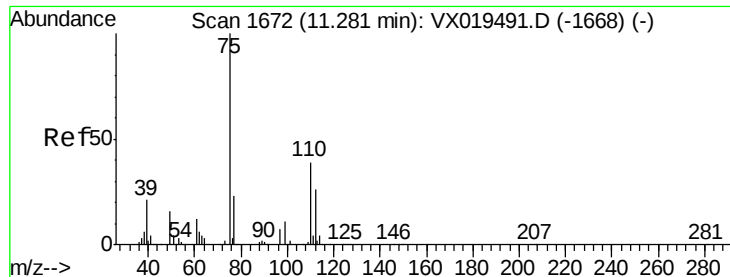
Tgt Ion:104 Resp: 316
Ion Ratio Lower Upper
104 100
78 40.8 39.5 59.3
103 56.3 43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019595.D
Acq: 24 Nov 2020 10:52

Tgt Ion:152 Resp: 199979
Ion Ratio Lower Upper
152 100
115 59.5 41.8 125.4
150 158.1 0.0 348.2

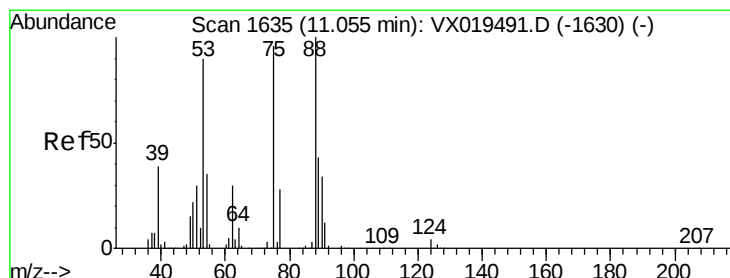
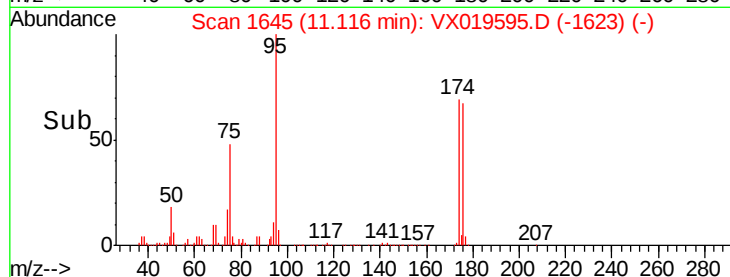
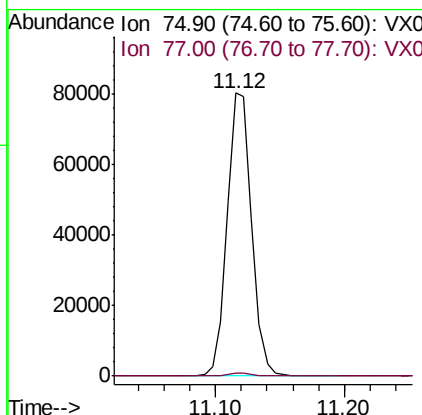
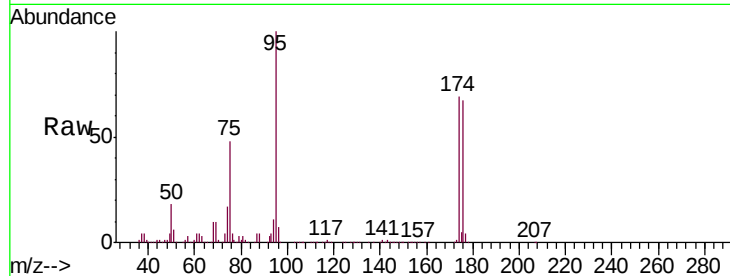




#76
 1,2,3-Trichloropropane
 Concen: 24.548 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.16 min
 Lab File: VX019595.D
 Acq: 24 Nov 2020 10:52

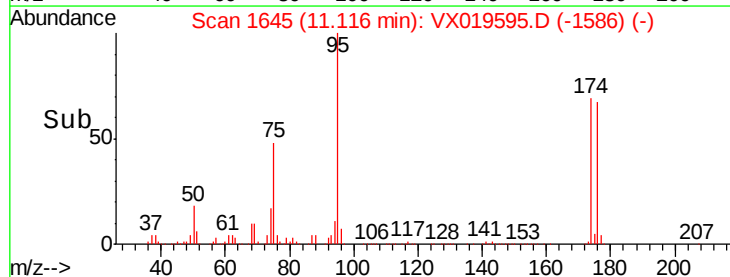
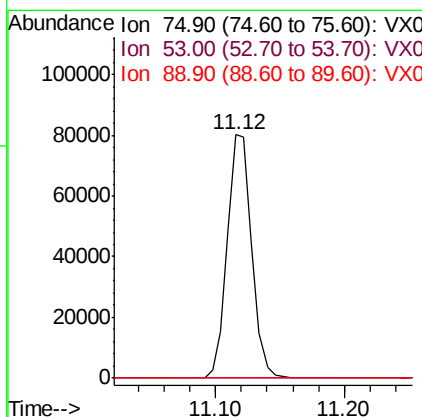
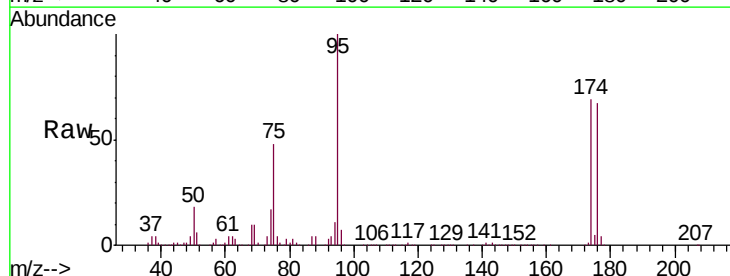
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBL01

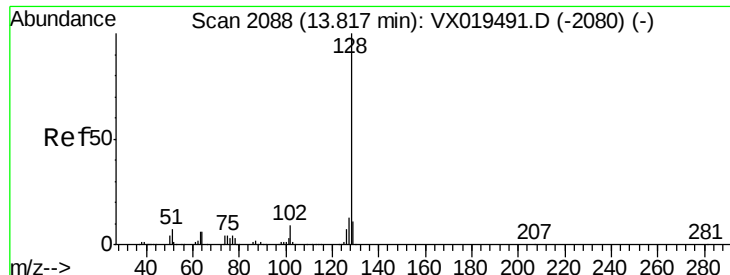
Tgt Ion: 75 Resp: 107132
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.922 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. 0.06 min
 Lab File: VX019595.D
 Acq: 24 Nov 2020 10:52

Tgt Ion: 75 Resp: 107132
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 37.3 55.9#





#95

Naphthalene

Concen: 2.223 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019595.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBL01

Tgt Ion:128 Resp: 694

Ion Ratio Lower Upper

128 100

127 10.7 10.3 15.5

129 0.0 8.7 13.1#

