

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024250.D
 Acq On : 15 Sep 2021 10:47
 Operator : JC/MD
 Sample : VX0915MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915MBL01

Quant Time: Sep 16 04:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

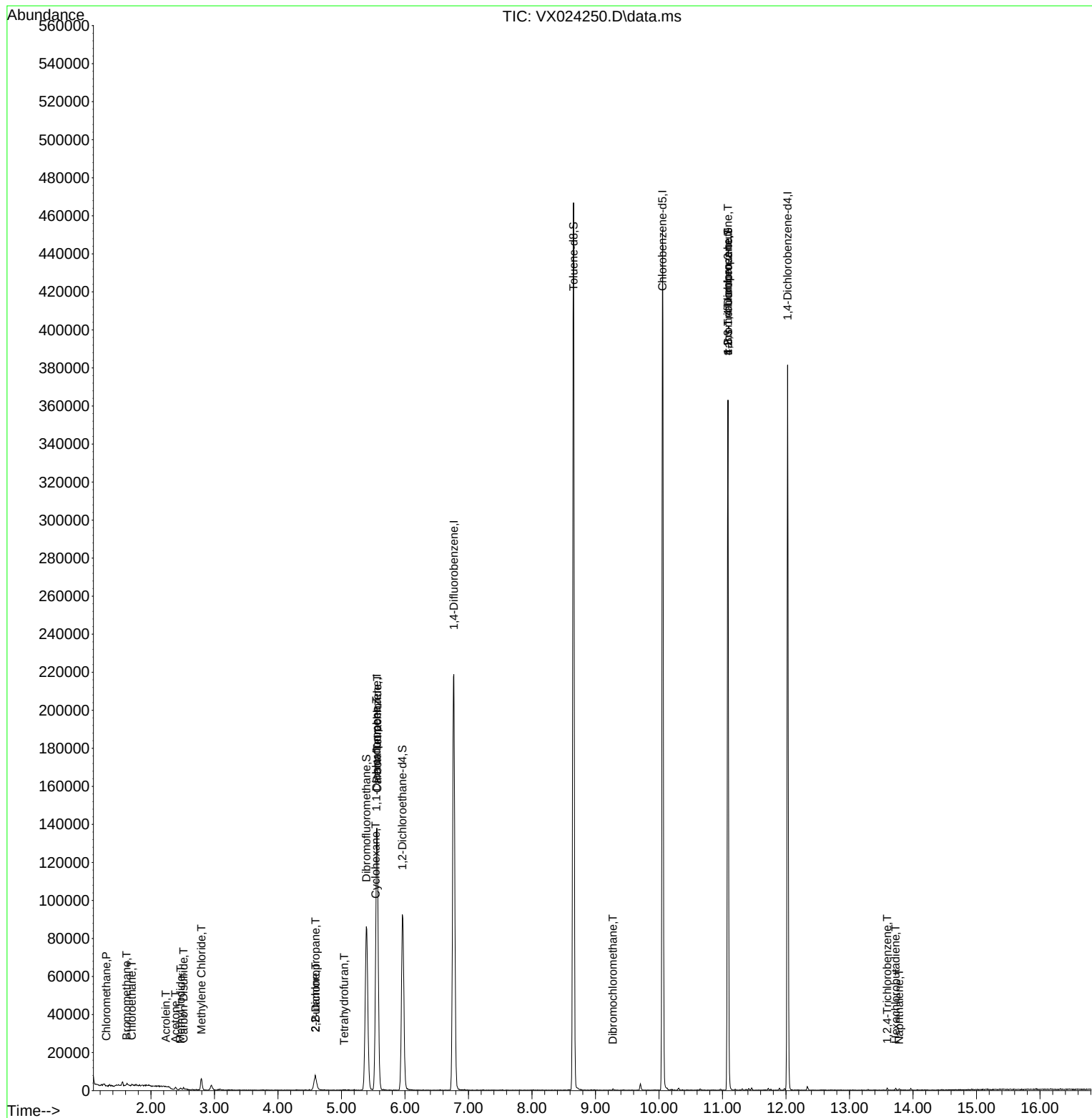
Internal Standards						
1) Pentafluorobenzene	5.556	168	125946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	219069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93749	52.200	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.400%	
35) Dibromofluoromethane	5.391	113	73984	50.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	8.653	98	268174	50.106	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	11.085	95	90781	43.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	307	0.243	ug/l	92
5) Bromomethane	1.618	94	491	0.655	ug/l	86
6) Chloroethane	1.697	64	409	2.384	ug/l #	43
10) Methyl Iodide	2.465	142	1107	0.645	ug/l #	87
11) Tert butyl alcohol	2.953	59	1561	Below Cal	#	73
13) Acrolein	2.233	56	90	0.760	ug/l	98
16) Acetone	2.386	43	1340	1.750	ug/l	94
17) Carbon Disulfide	2.514	76	1062	0.365	ug/l #	95
20) Methylene Chloride	2.794	84	2733	1.859	ug/l #	87
25) 2-Butanone	4.593	43	597	0.529	ug/l #	45
26) 2,2-Dichloropropane	4.593	77	676	0.317	ug/l #	52
29) Tetrahydrofuran	5.044	42	176	0.249	ug/l #	27
31) Cyclohexane	5.538	56	1478	0.704	ug/l #	53
36) 1,1-Dichloropropene	5.550	75	10598	5.262	ug/l #	41
38) Carbon Tetrachloride	5.562	117	13662	6.027	ug/l #	18
60) Dibromochloromethane	9.275	129	52	1.754	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	49526	28.210	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	49526	82.965	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	308	0.208	ug/l #	68
94) Hexachlorobutadiene	13.725	225	211	0.286	ug/l	84
95) Naphthalene	13.780	128	680	1.408	ug/l #	80

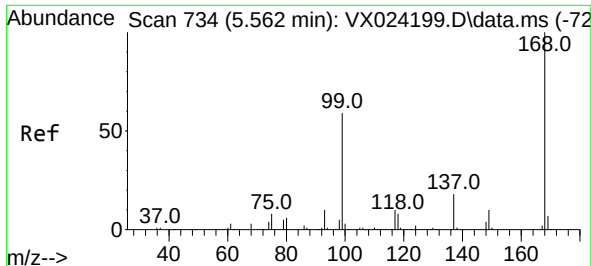
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

Quant Time: Sep 16 04:39:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
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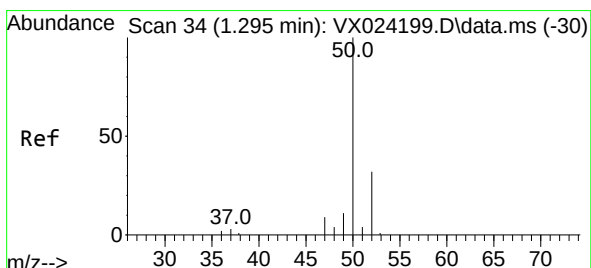
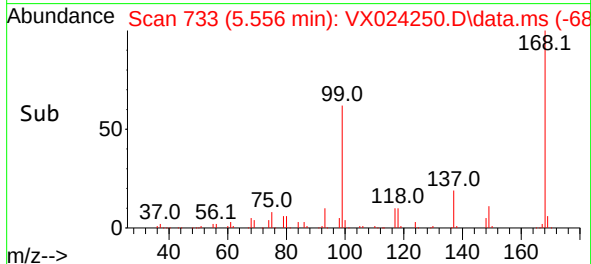
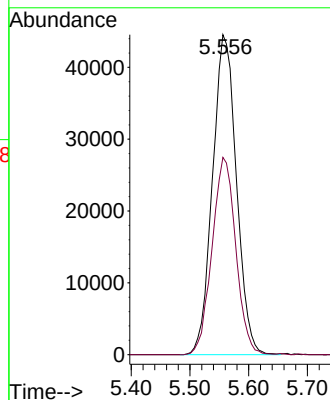
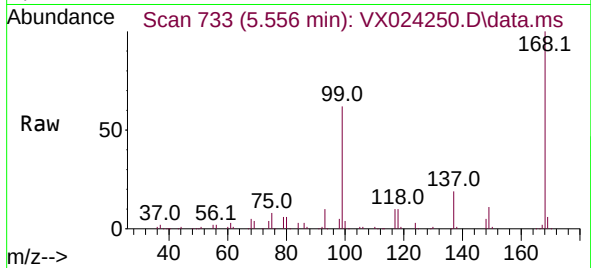




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

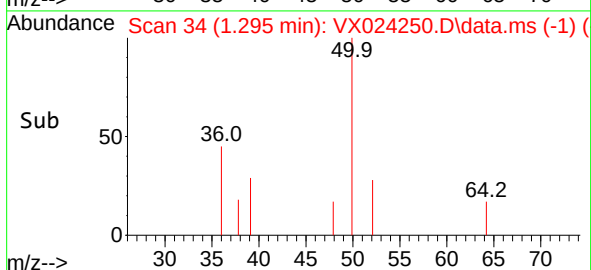
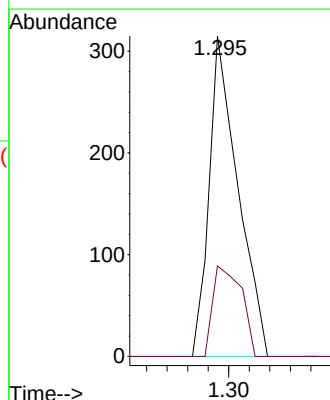
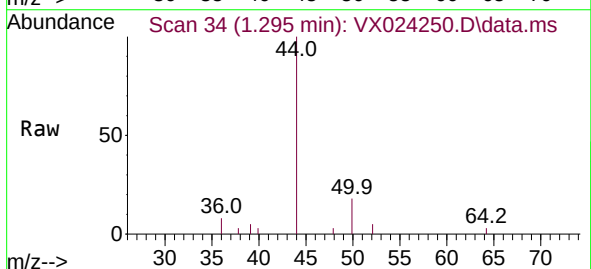
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

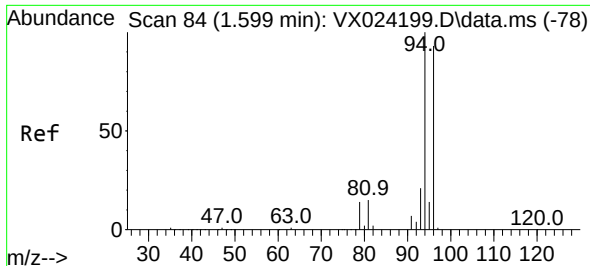
Tgt Ion:168 Resp: 125946
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.6



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 50 Resp: 307
Ion Ratio Lower Upper
50 100
52 28.3 26.4 39.6

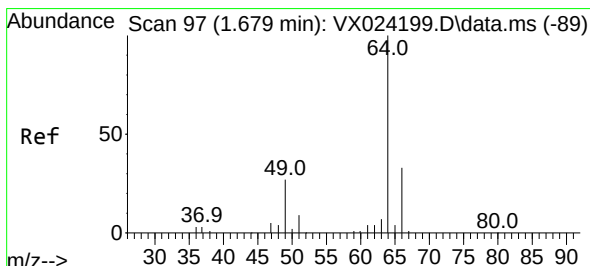
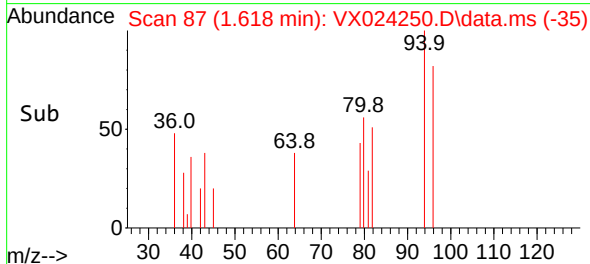
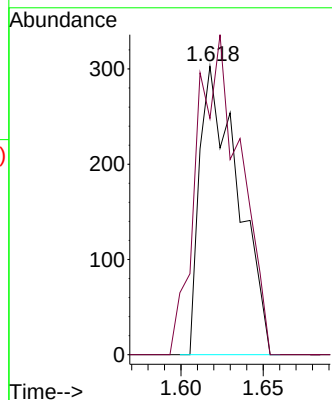
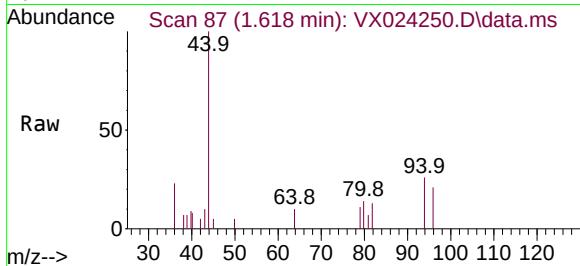




#5
Bromomethane
Concen: 0.655 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

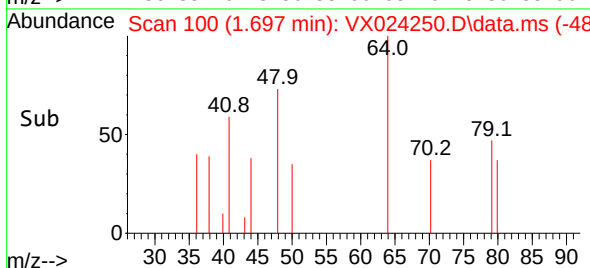
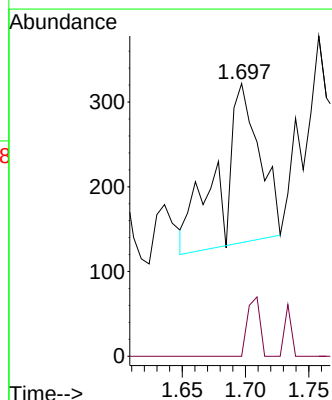
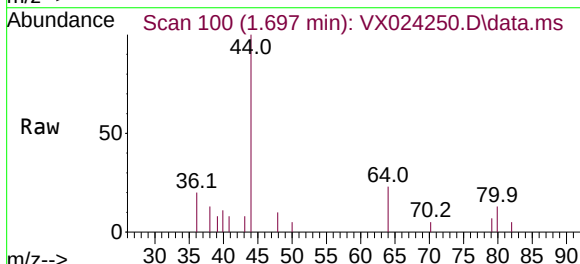
Instrument :
MSVOA_X
ClientSampled :
VX0915MBL01

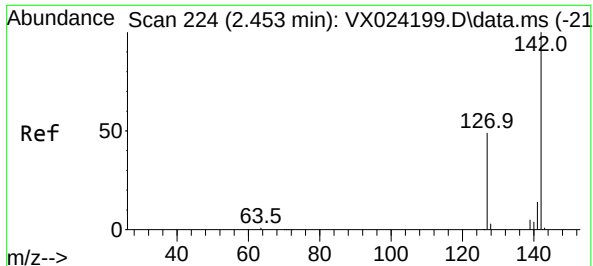
Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 81.8 76.4 114.6



#6
Chloroethane
Concen: 2.384 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 64 Resp: 409
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

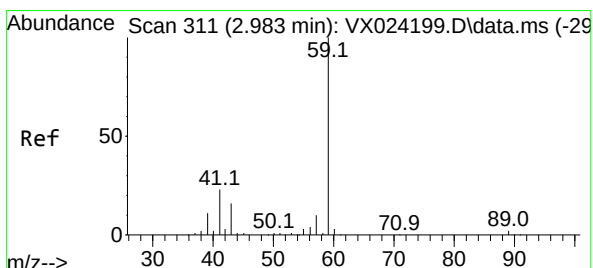
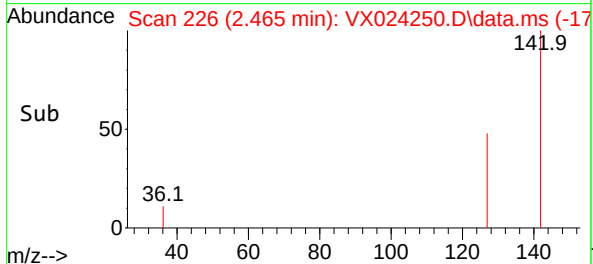
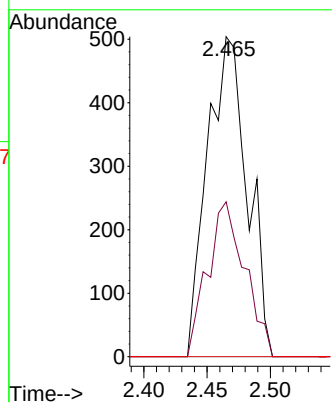
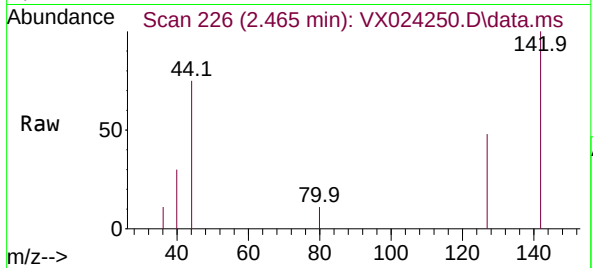




#10
Methyl Iodide
Concen: 0.645 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

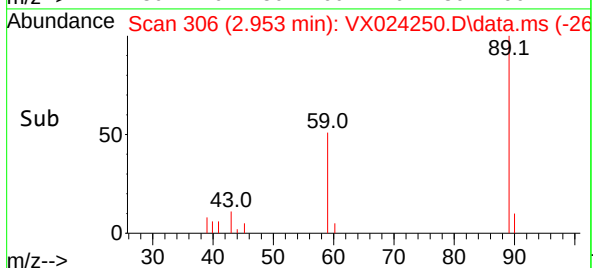
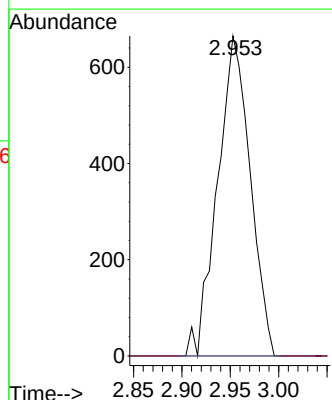
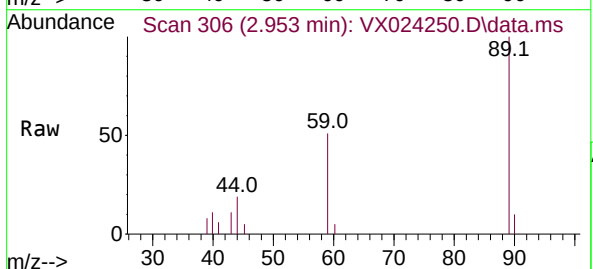
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

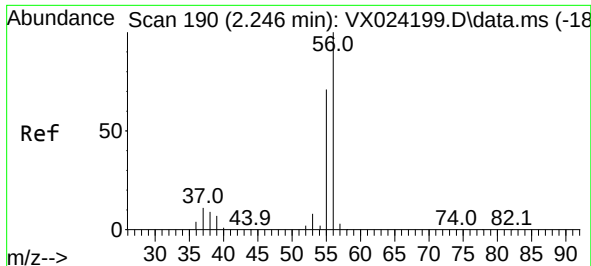
Tgt Ion:142 Resp: 1107
Ion Ratio Lower Upper
142 100
127 45.2 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 59 Resp: 1561
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

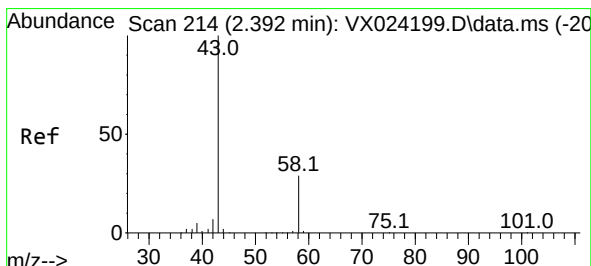
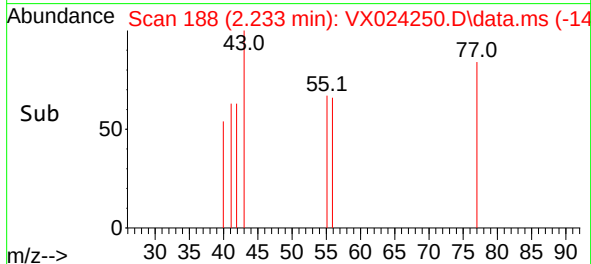
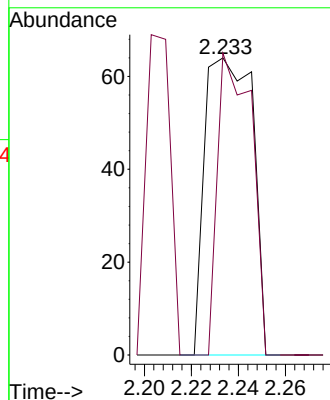
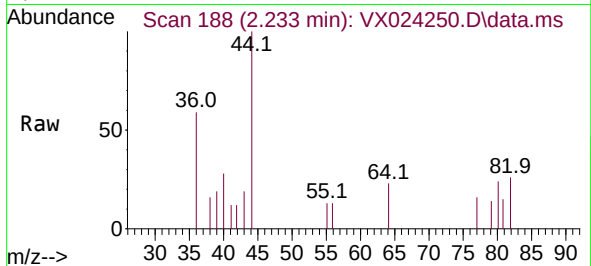




#13
Acrolein
Concen: 0.760 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.013 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

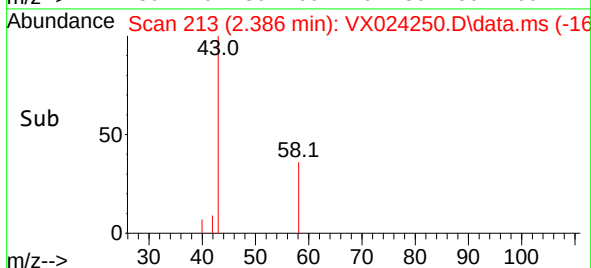
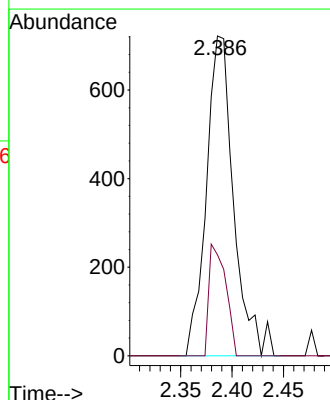
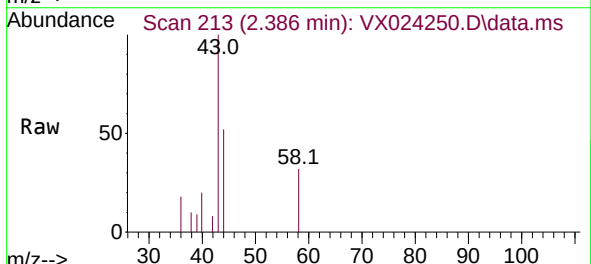
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

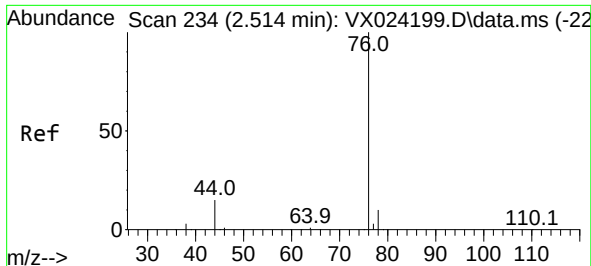
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 72.2 56.4 84.6



#16
Acetone
Concen: 1.750 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8

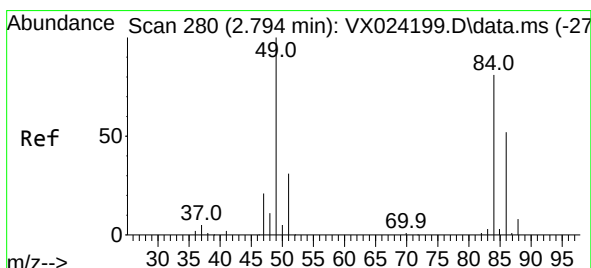
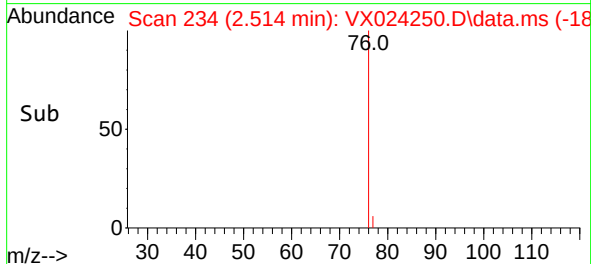
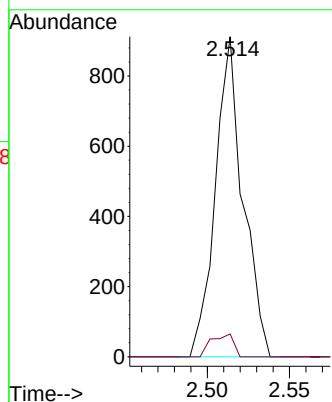
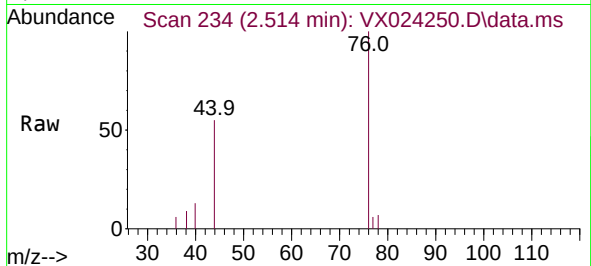




#17
Carbon Disulfide
Concen: 0.365 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

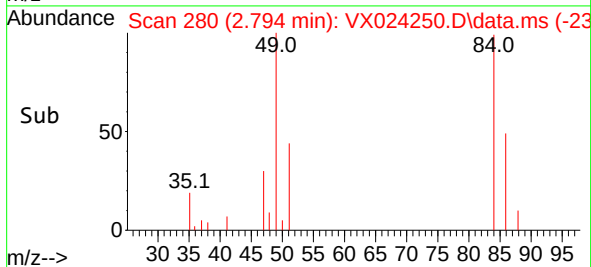
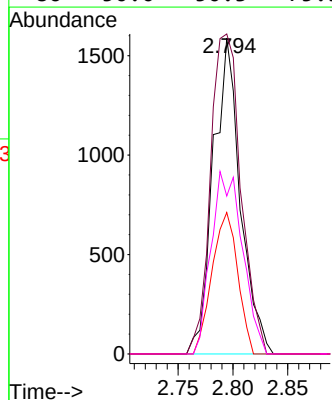
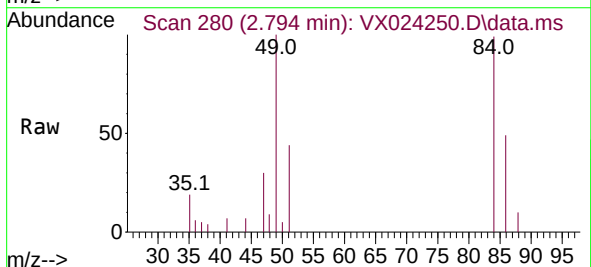
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

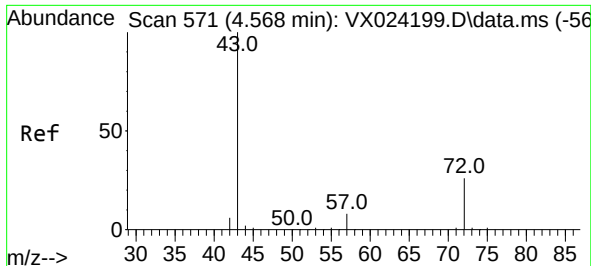
Tgt Ion: 76 Resp: 1062
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8#



#20
Methylene Chloride
Concen: 1.859 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 84 Resp: 2733
Ion Ratio Lower Upper
84 100
49 101.3 88.6 132.8
51 44.7 27.0 40.6#
86 50.0 50.3 75.5#

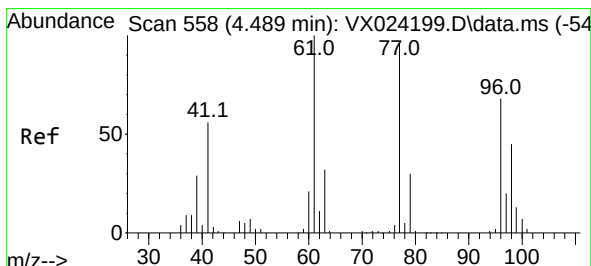
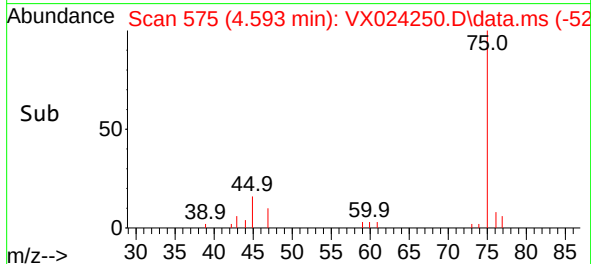
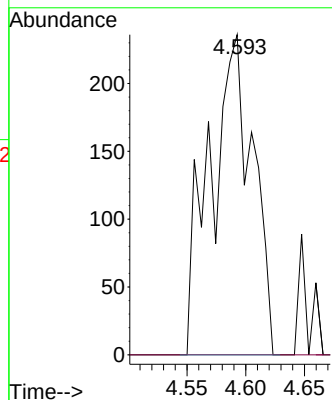
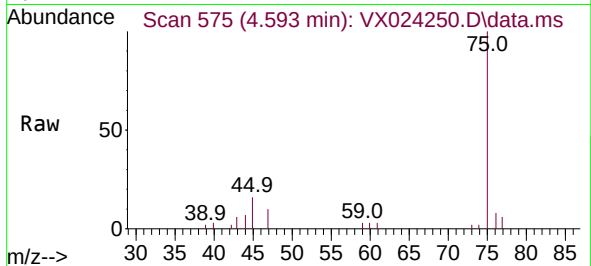




#25
2-Butanone
Concen: 0.529 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

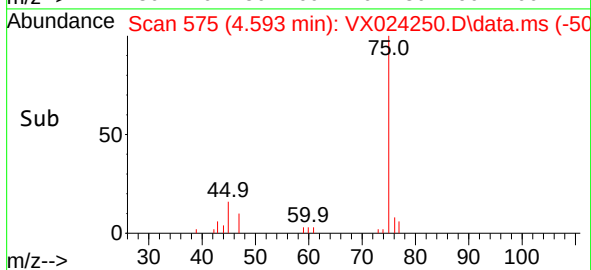
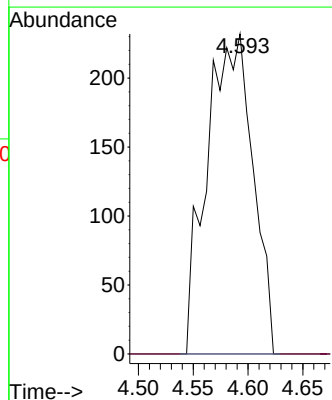
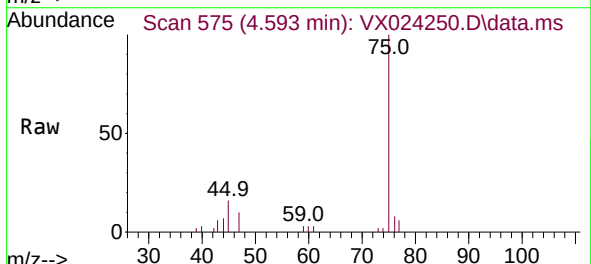
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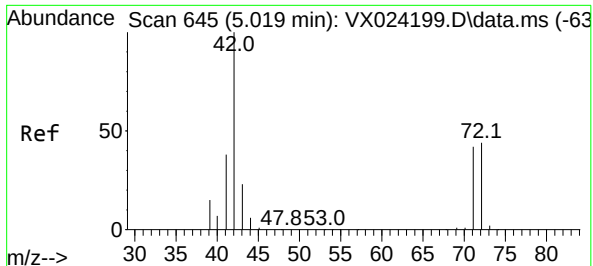
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.317 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.104 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 77 Resp: 676
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#29

Tetrahydrofuran

Concen: 0.249 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.025 min

Lab File: VX024250.D

Acq: 15 Sep 2021 10:47

Tgt Ion: 42 Resp: 176

Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

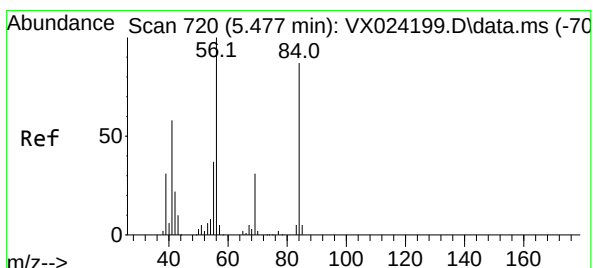
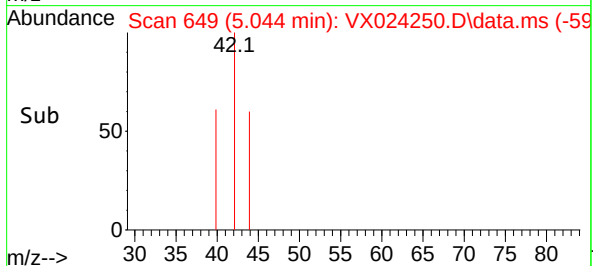
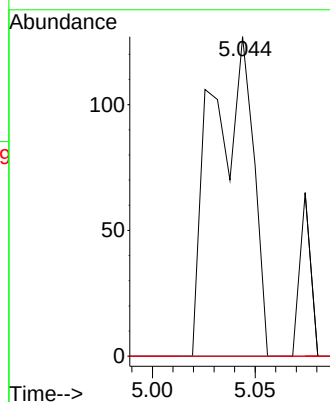
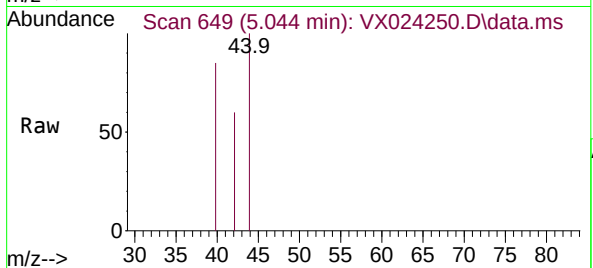
71 0.0 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

VX0915MBL01



#31

Cyclohexane

Concen: 0.704 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.061 min

Lab File: VX024250.D

Acq: 15 Sep 2021 10:47

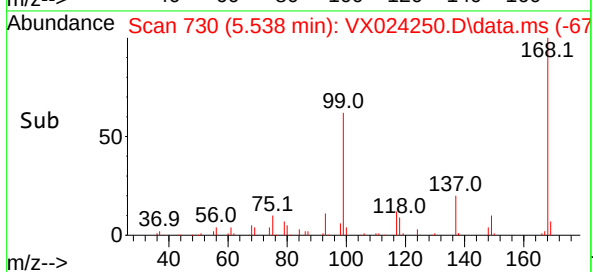
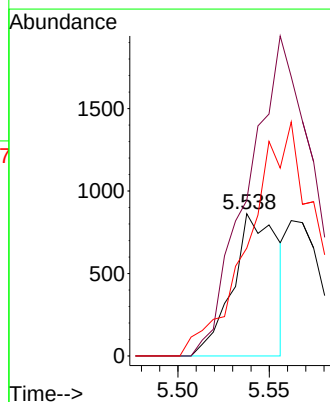
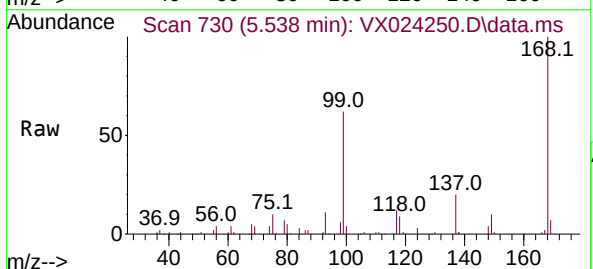
Tgt Ion: 56 Resp: 1478

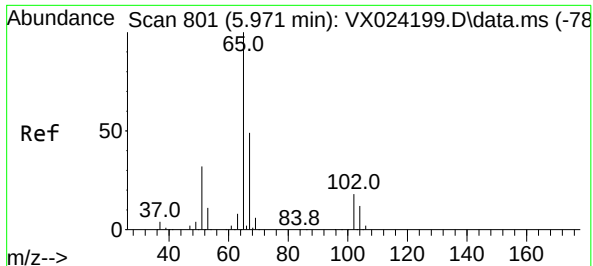
Ion Ratio Lower Upper

56 100

69 109.4 25.3 37.9#

84 75.9 71.4 107.0



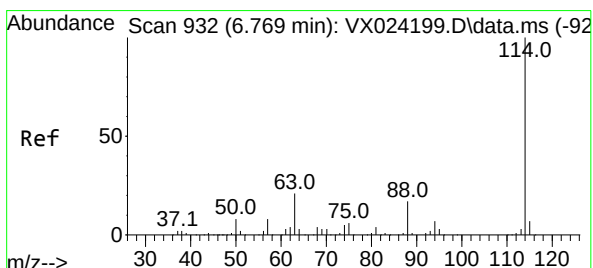
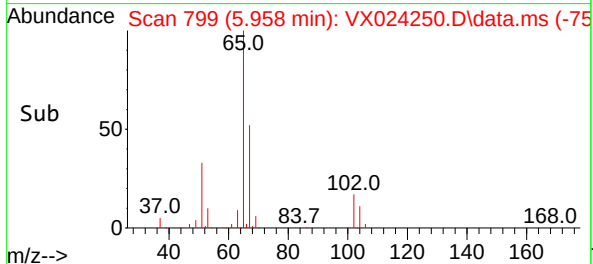
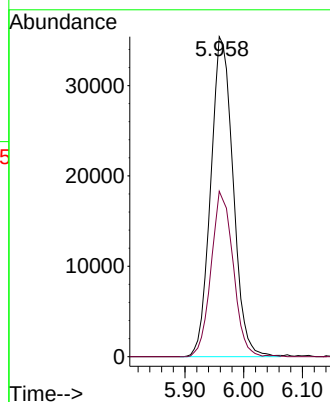
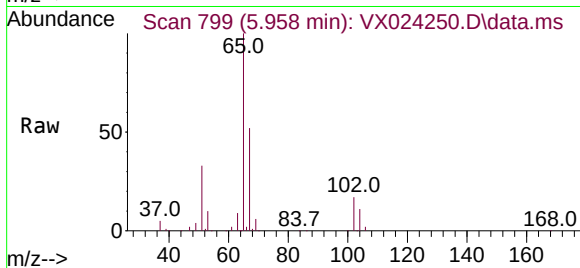


#33

1,2-Dichloroethane-d4
Concen: 52.200 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.013 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

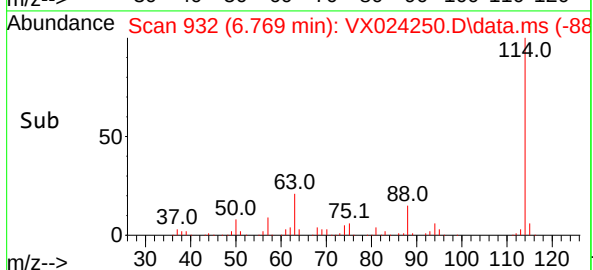
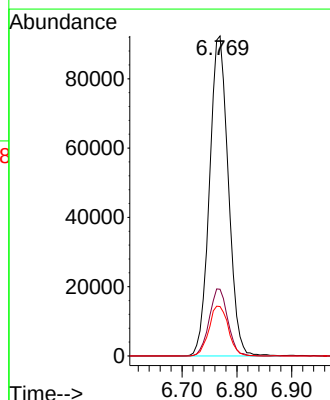
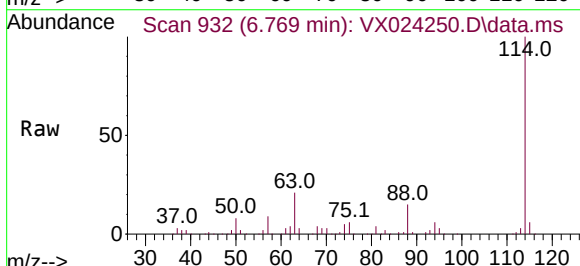
Tgt Ion: 65 Resp: 93749
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

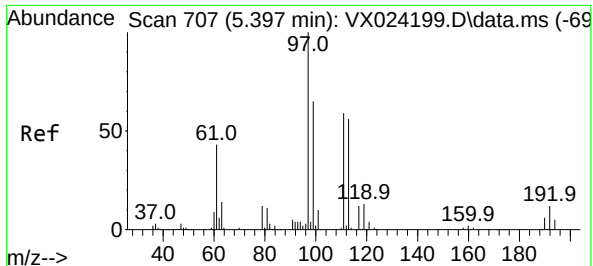


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 114 Resp: 219069
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.4 0.0 32.8

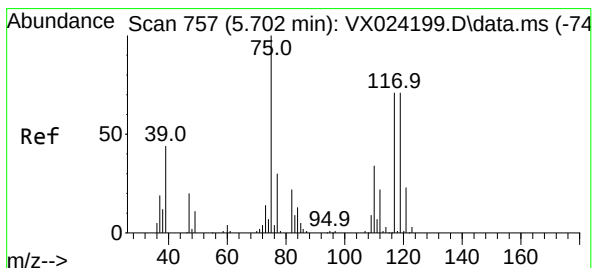
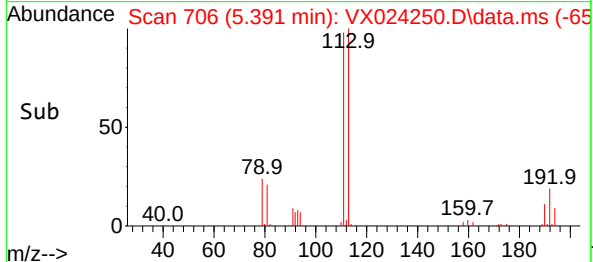
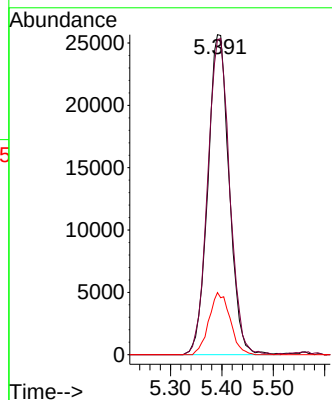
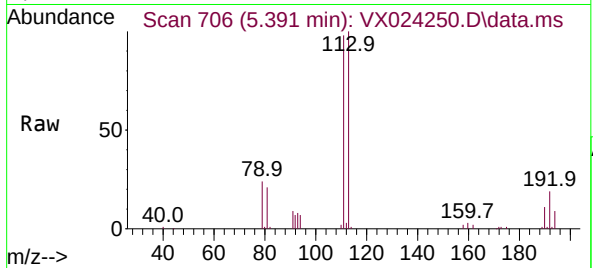




#35
Dibromofluoromethane
Concen: 50.358 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

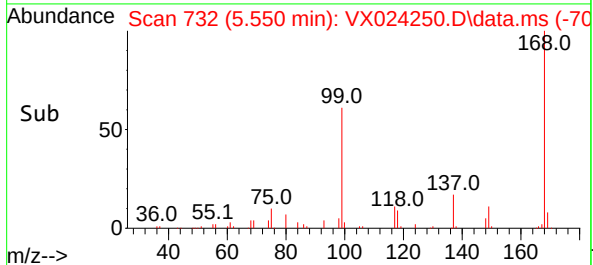
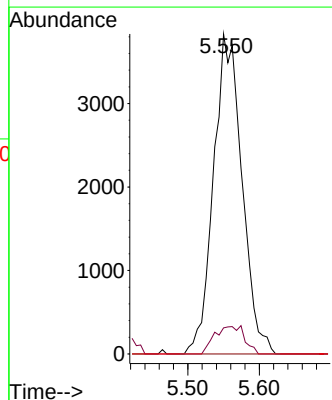
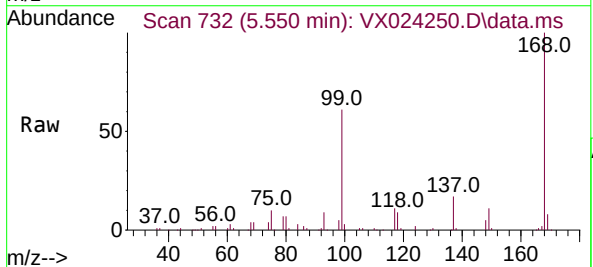
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

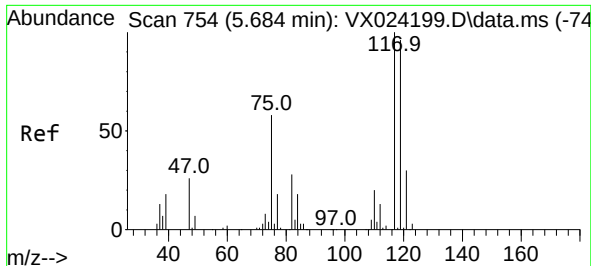
Tgt Ion:113 Resp: 73984
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.262 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 75 Resp: 10598
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.3 37.9#

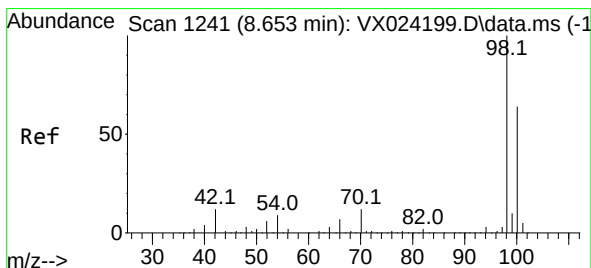
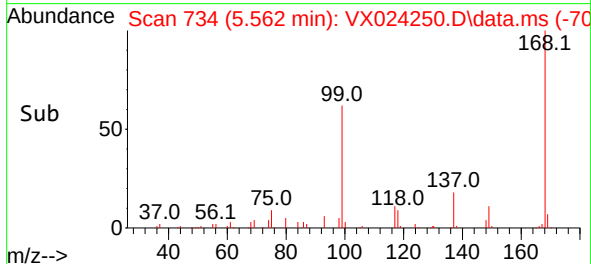
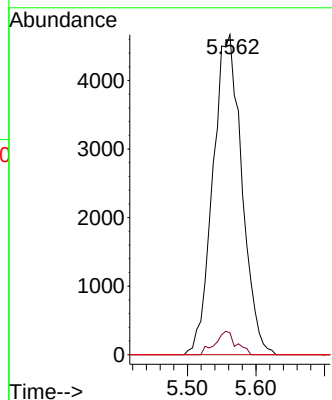
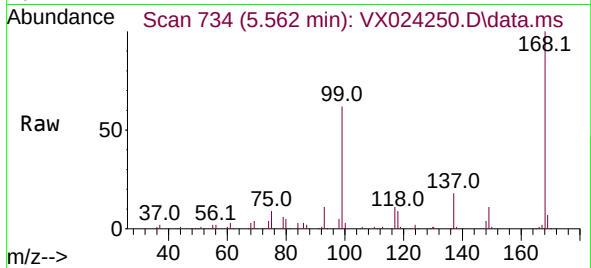




#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

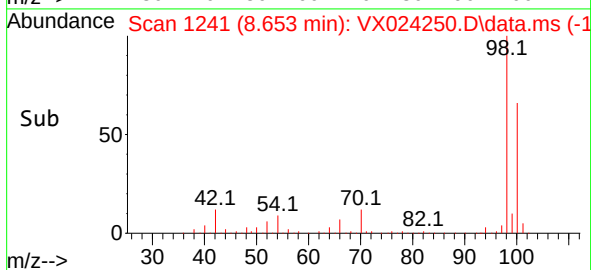
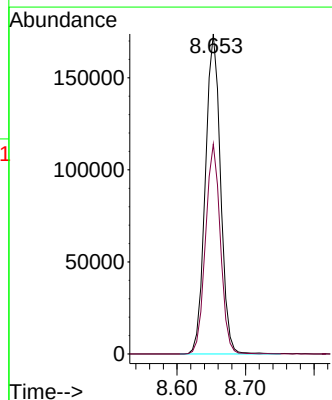
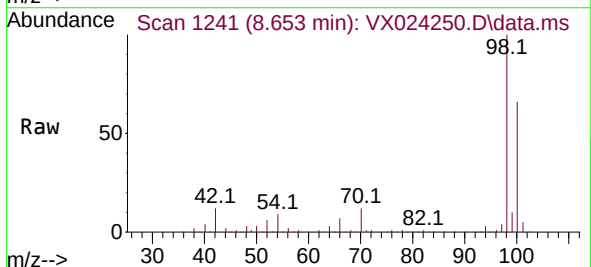
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

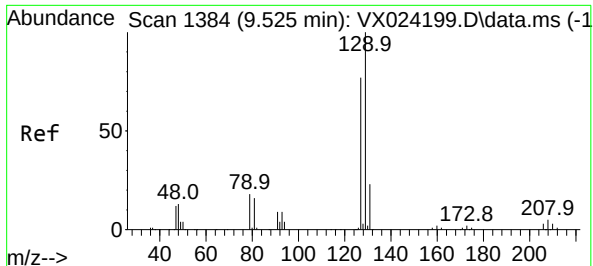
Tgt Ion:117 Resp: 13662
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.106 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 98 Resp: 268174
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9





#60

Dibromochloromethane

Concen: 1.754 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024250.D

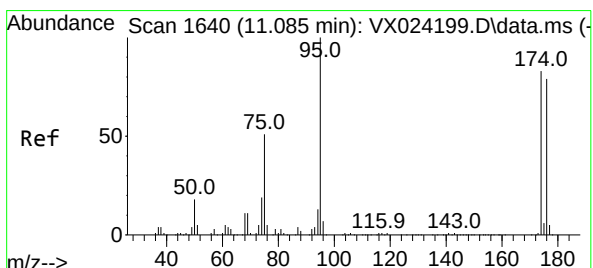
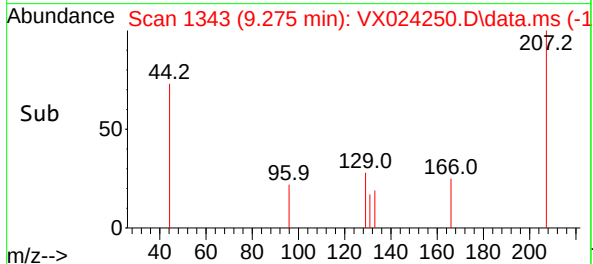
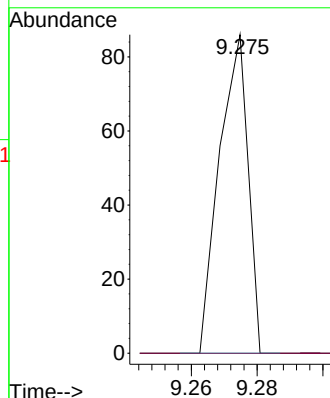
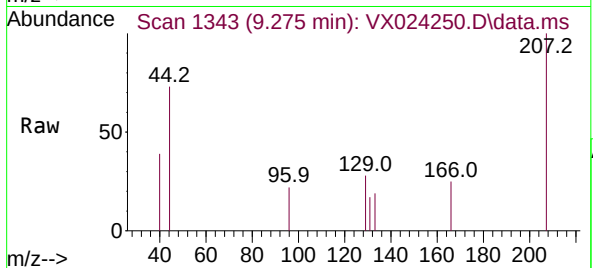
Acq: 15 Sep 2021 10:47

Tgt Ion:129 Resp: 52

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 43.585 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024250.D

Acq: 15 Sep 2021 10:47

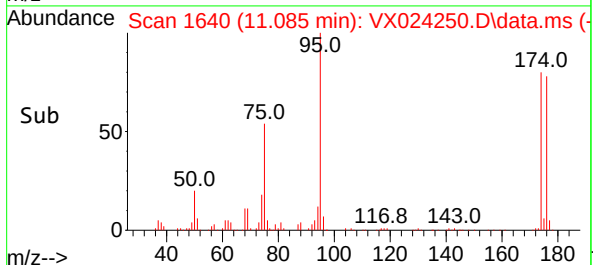
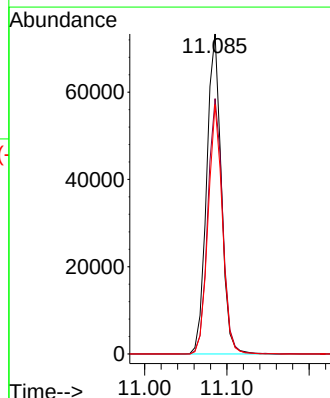
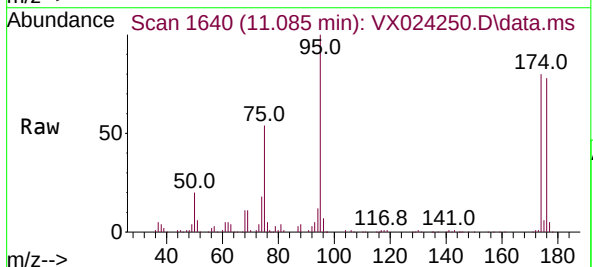
Tgt Ion: 95 Resp: 90781

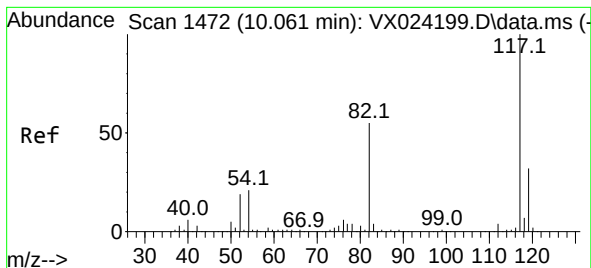
Ion Ratio Lower Upper

95 100

174 80.9 0.0 154.6

176 75.8 0.0 155.8

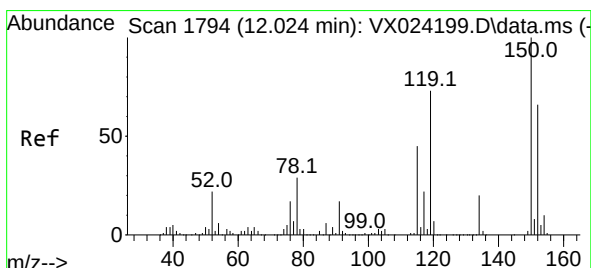
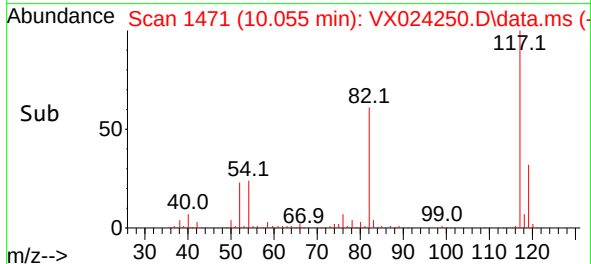
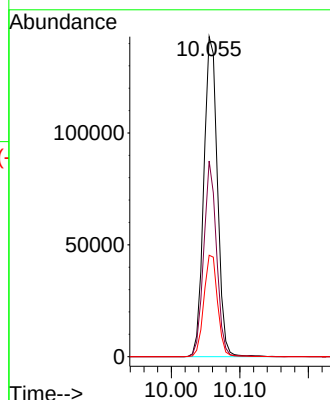
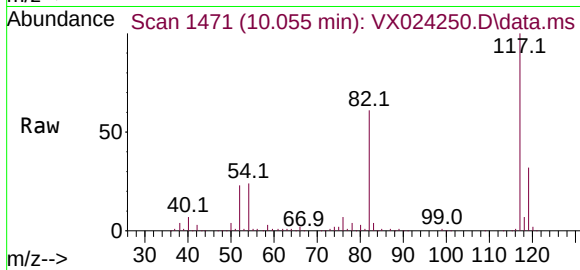




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

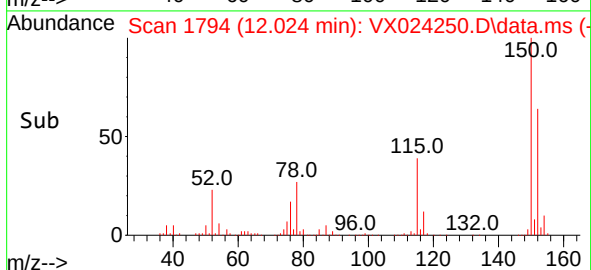
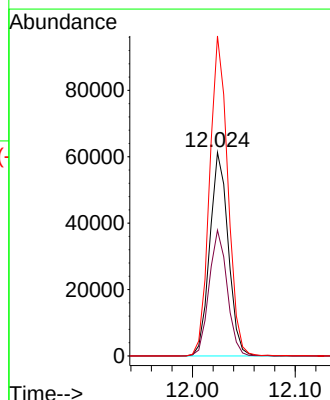
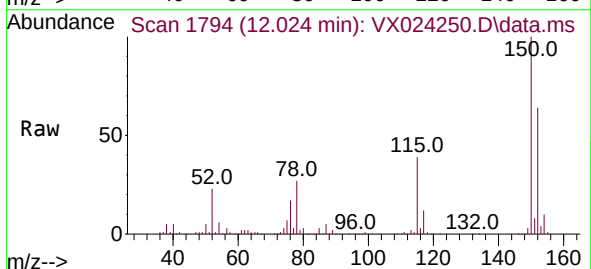
Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01

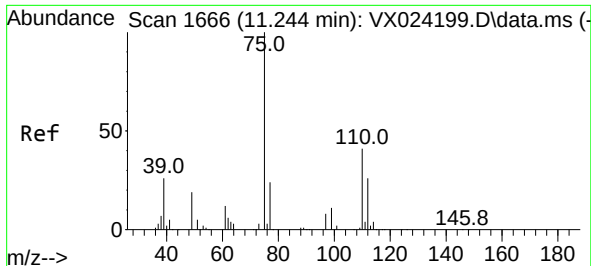
Tgt Ion:117 Resp: 198227
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion:152 Resp: 76352
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 155.1 0.0 349.0

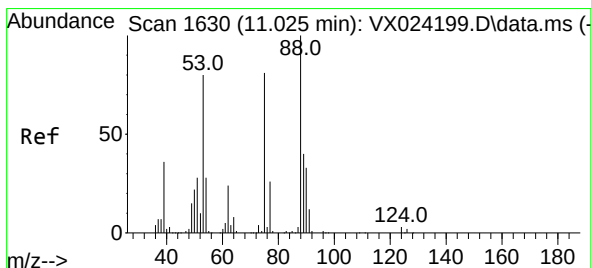
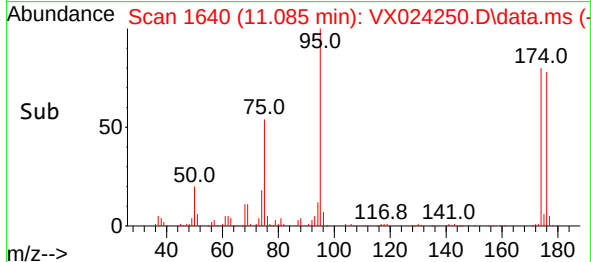
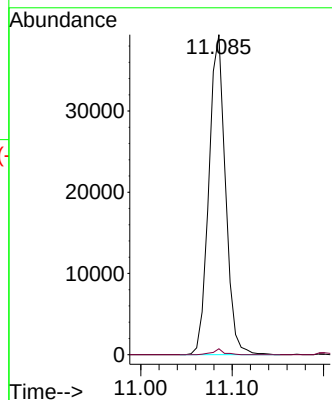
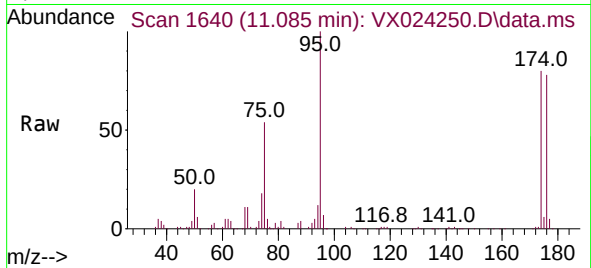




#76
1,2,3-Trichloropropane
Concen: 28.210 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

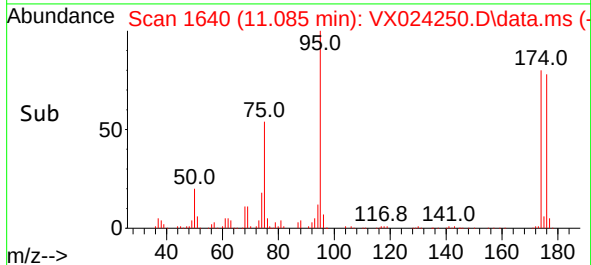
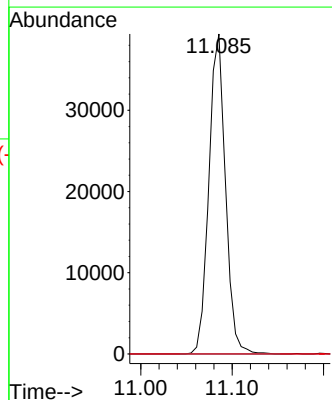
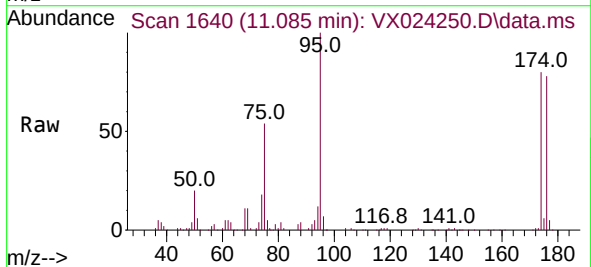
Instrument :
MSVOA_X
ClientSampled :
VX0915MBL01

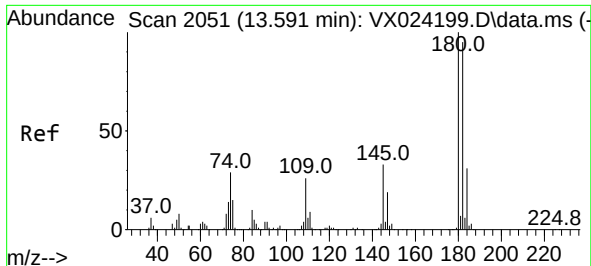
Tgt Ion: 75 Resp: 49526
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.965 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Tgt Ion: 75 Resp: 49526
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

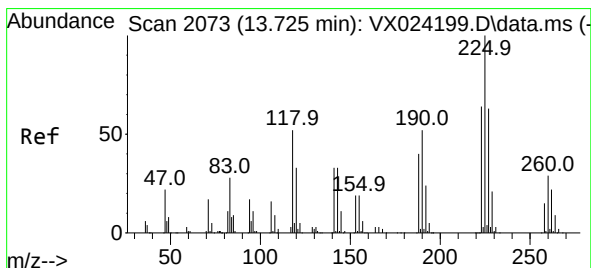
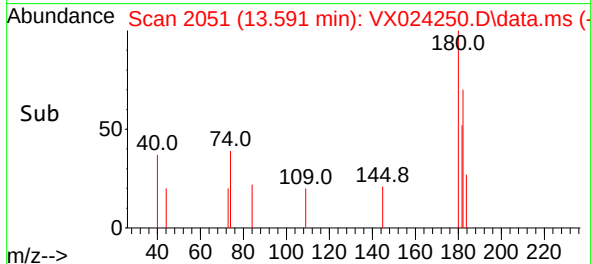
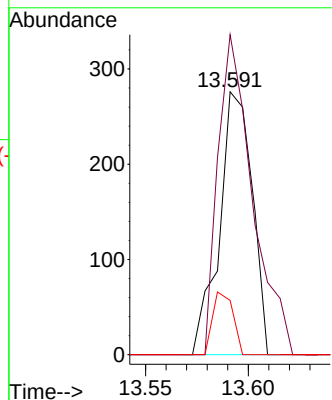
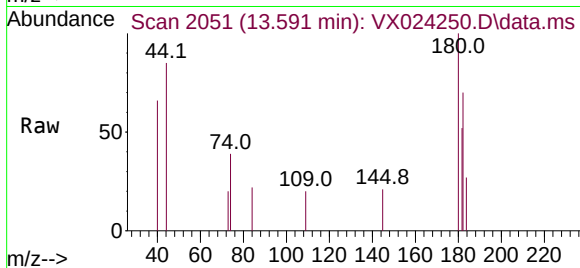




#93
1,2,4-Trichlorobenzene
Concen: 0.208 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

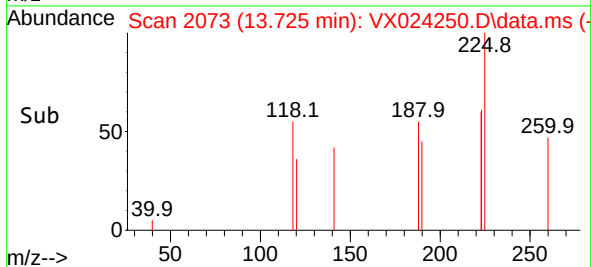
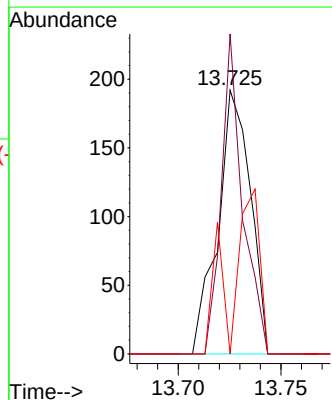
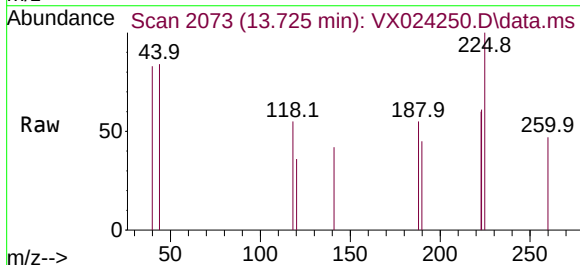
Instrument :
MSVOA_X
ClientSampled :
VX0915MBL01

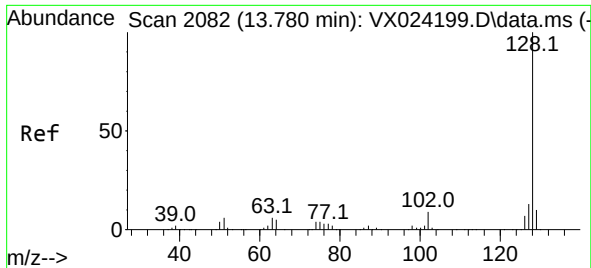
Tgt Ion:180 Resp: 308
Ion Ratio Lower Upper
180 100
182 127.3 47.7 143.1
145 14.6 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.286 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

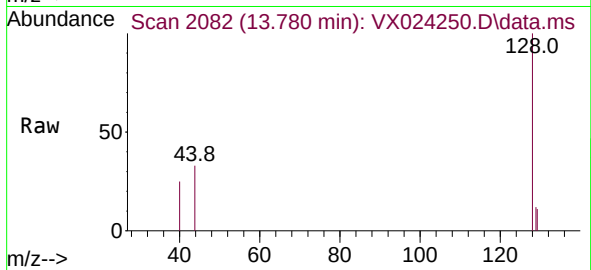
Tgt Ion:225 Resp: 211
Ion Ratio Lower Upper
225 100
223 79.1 31.1 93.2
227 55.0 31.6 95.0





#95
Naphthalene
Concen: 1.408 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024250.D
Acq: 15 Sep 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0915MBL01



Tgt Ion:128 Resp: 680
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 12.6 8.8 13.2

