

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022333.D
 Acq On : 02 Jun 2021 13:07
 Operator : JC/MD
 Sample : M2572-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 25BR-20210527DL

Quant Time: Jun 03 02:19:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

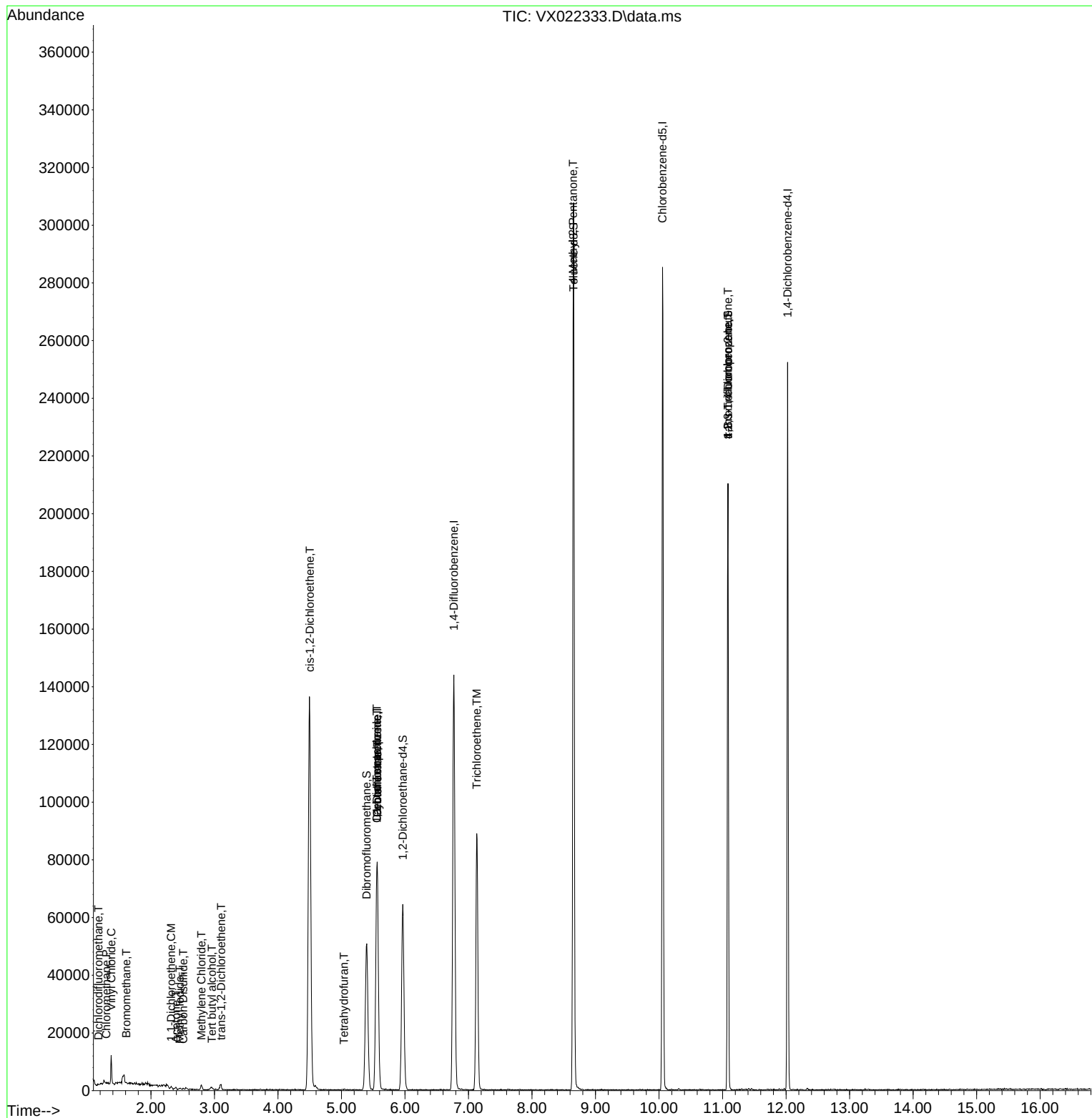
Internal Standards						
1) Pentafluorobenzene	5.562	168	68625	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	146535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57285	54.11	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.22%			
35) Dibromofluoromethane	5.397	113	44468	47.85	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.70%			
50) Toluene-d8	8.653	98	178802	49.95	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.90%			
62) 4-Bromofluorobenzene	11.085	95	58401	44.14	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	252	0.30	ug/l	# 42
3) Chloromethane	1.294	50	235	0.26	ug/l	# 42
4) Vinyl Chloride	1.373	62	5880	6.17	ug/l	94
5) Bromomethane	1.611	94	329	0.59	ug/l	# 33
10) Methyl Iodide	2.452	142	511	0.58	ug/l	# 79
11) Tert butyl alcohol	2.958	59	572	2.36	ug/l	# 73
12) 1,1-Dichloroethene	2.318	96	186	0.24	ug/l	# 67
16) Acetone	2.392	43	661	1.43	ug/l	96
17) Carbon Disulfide	2.507	76	463	0.22	ug/l	# 75
20) Methylene Chloride	2.794	84	666	0.65	ug/l	# 89
21) trans-1,2-Dichloroethene	3.105	96	751	0.88	ug/l	# 80
27) cis-1,2-Dichloroethene	4.501	96	81159	78.01	ug/l	91
29) Tetrahydrofuran	5.037	42	210	0.47	ug/l	# 27
31) Cyclohexane	5.562	56	1999	1.50	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	6601	4.87	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8222	6.20	ug/l	# 14
44) Trichloroethene	7.128	130	32692	31.56	ug/l	93
51) 4-Methyl-2-Pentanone	8.646	43	1012	0.62	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	30227	28.10	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	30227	66.59	ug/l	# 12

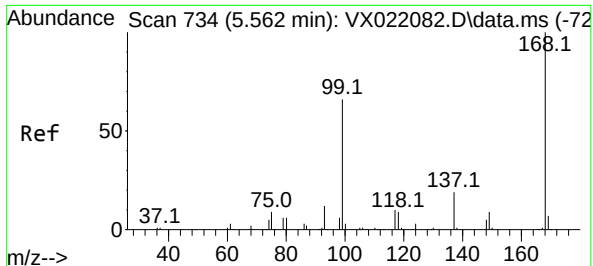
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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25BR-20210527DL

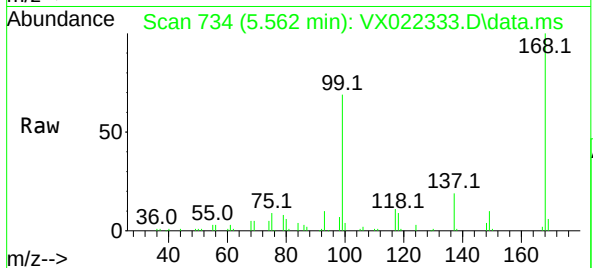
Quant Time: Jun 03 02:19:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



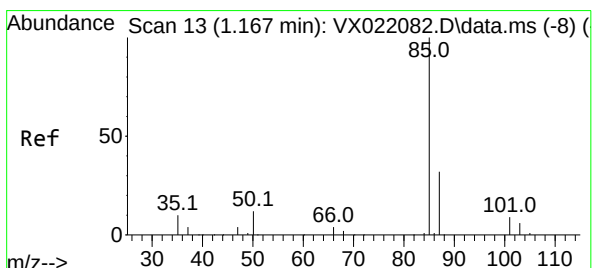
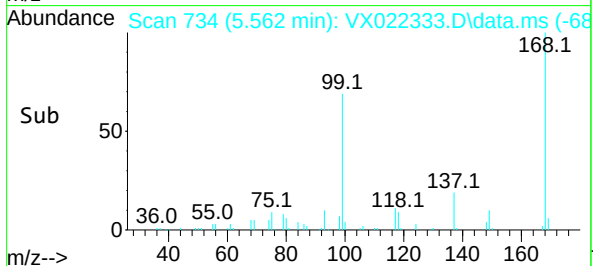
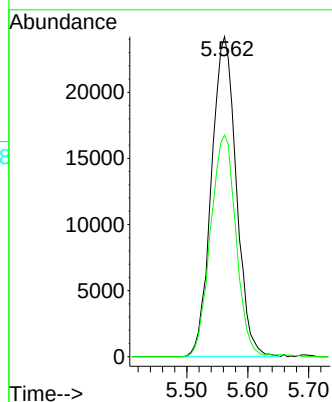


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

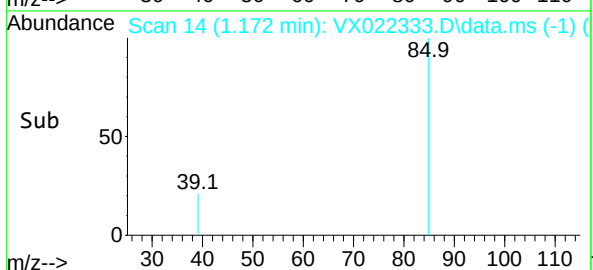
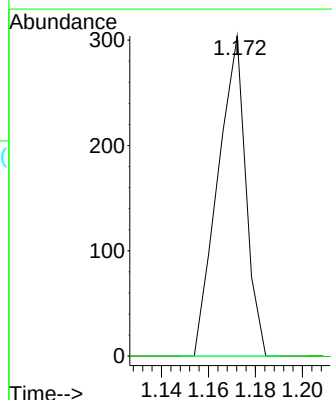
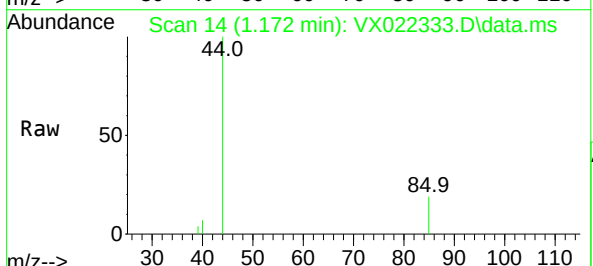


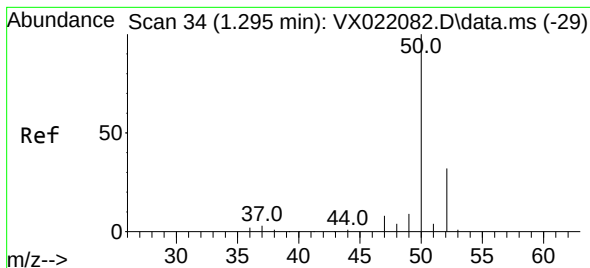
Tgt Ion:168 Resp: 68625
Ion Ratio Lower Upper
168 100
99 69.3 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.30 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.005 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion: 85 Resp: 252
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#





#3

Chloromethane

Concen: 0.26 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.001 min

Lab File: VX022333.D

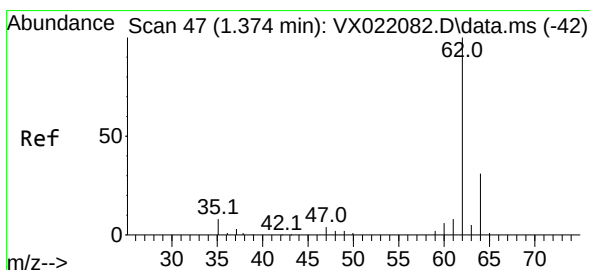
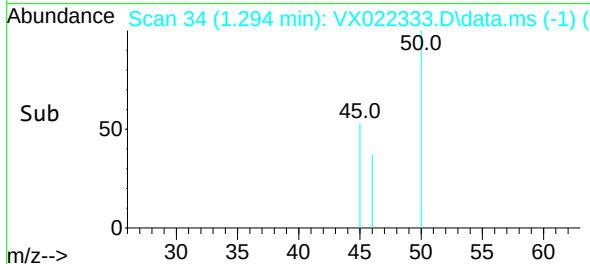
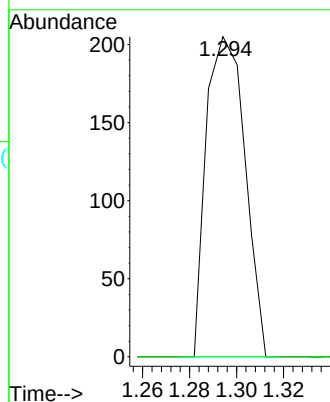
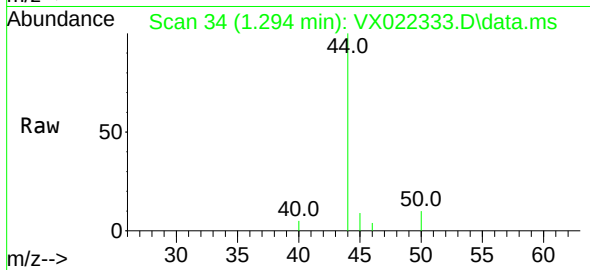
Acq: 02 Jun 2021 13:07

Tgt Ion: 50 Resp: 235

Ion Ratio Lower Upper

50 100

52 0.0 26.4 39.6#



#4

Vinyl Chloride

Concen: 6.17 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.001 min

Lab File: VX022333.D

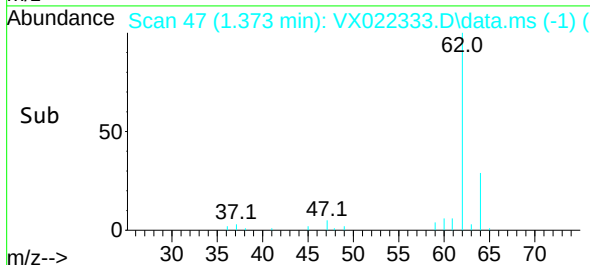
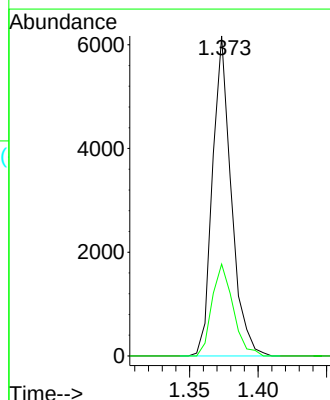
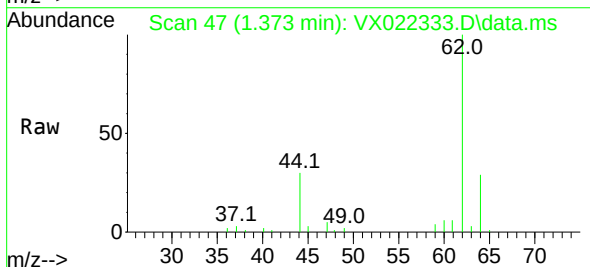
Acq: 02 Jun 2021 13:07

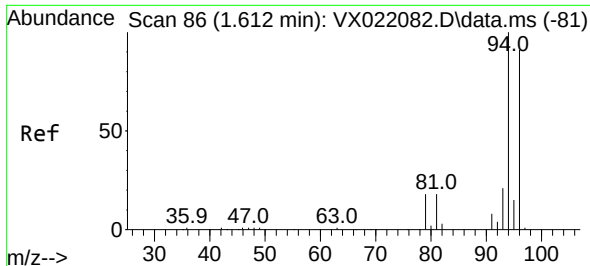
Tgt Ion: 62 Resp: 5880

Ion Ratio Lower Upper

62 100

64 28.7 25.7 38.5

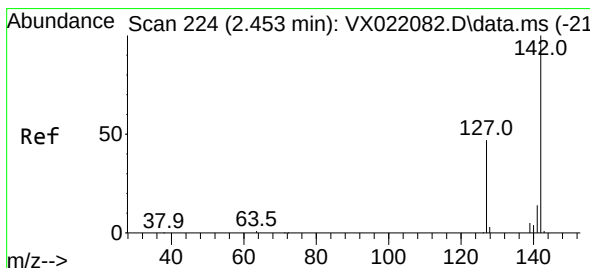
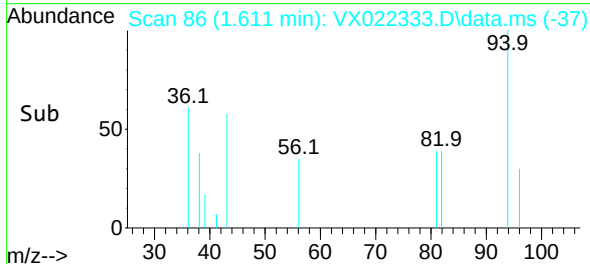
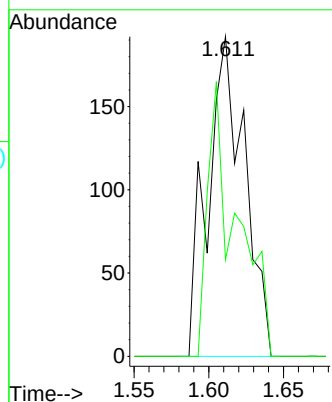
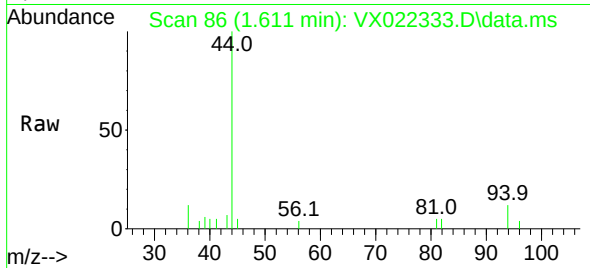




#5
Bromomethane
Concen: 0.59 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

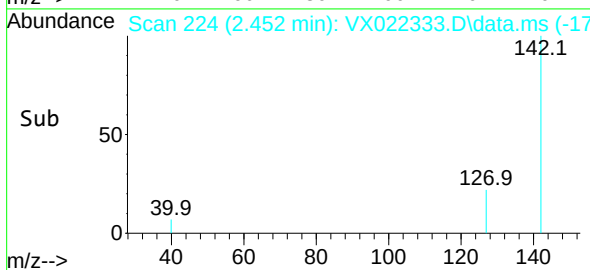
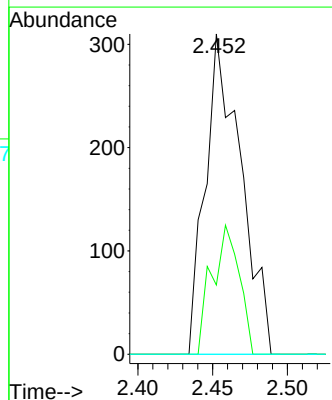
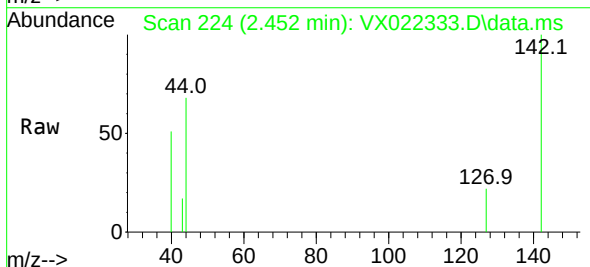
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

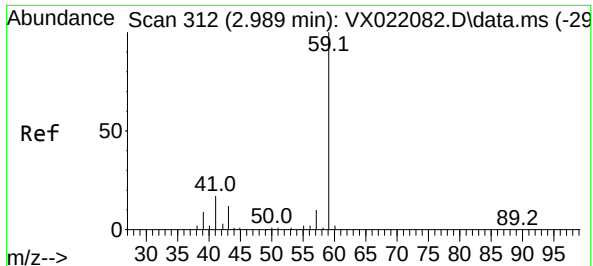
Tgt Ion: 94 Resp: 329
Ion Ratio Lower Upper
94 100
96 30.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.58 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion: 142 Resp: 511
Ion Ratio Lower Upper
142 100
127 30.9 33.3 49.9#
141 0.0 11.4 17.0#



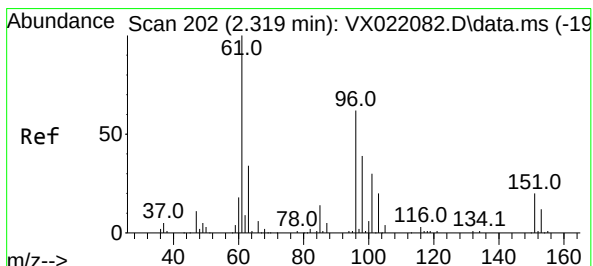
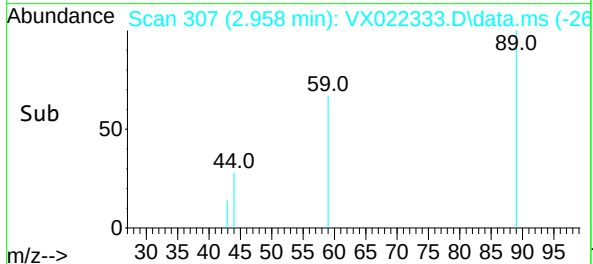
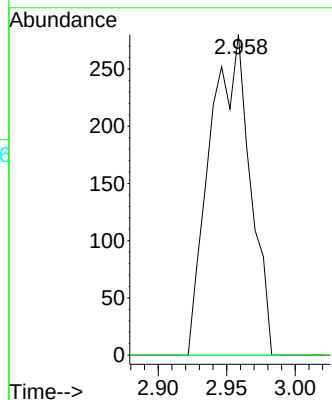
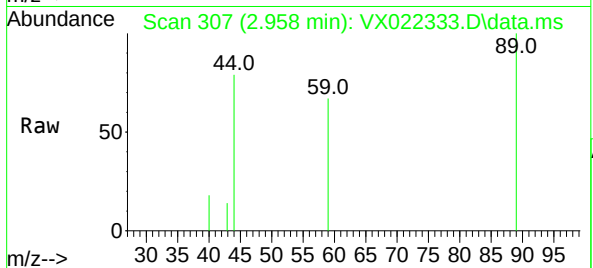


#11

Tert butyl alcohol
Concen: 2.36 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

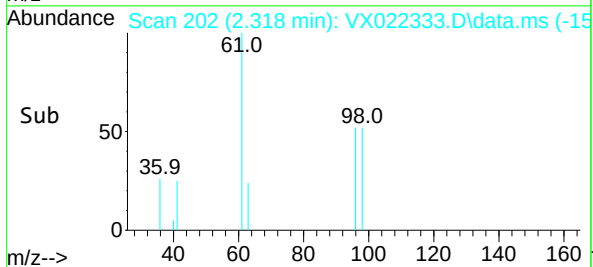
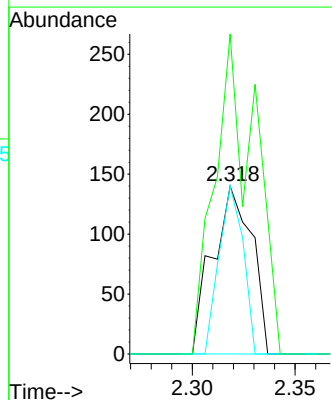
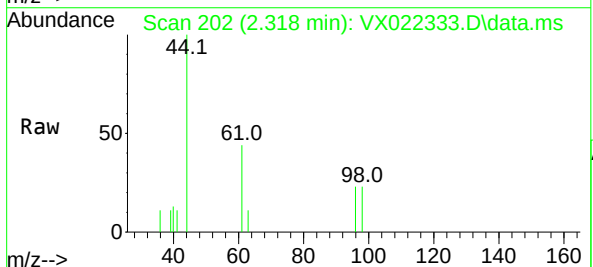
Tgt Ion: 59 Resp: 572
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

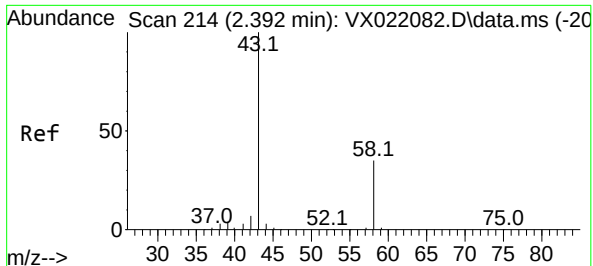


#12

1,1-Dichloroethene
Concen: 0.24 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion: 96 Resp: 186
Ion Ratio Lower Upper
96 100
61 190.7 124.6 187.0#
98 100.0 50.6 76.0#

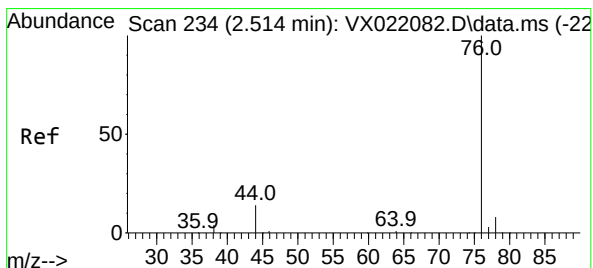
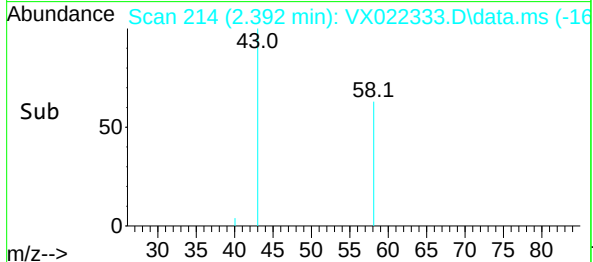
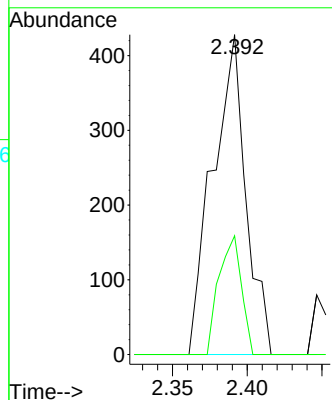
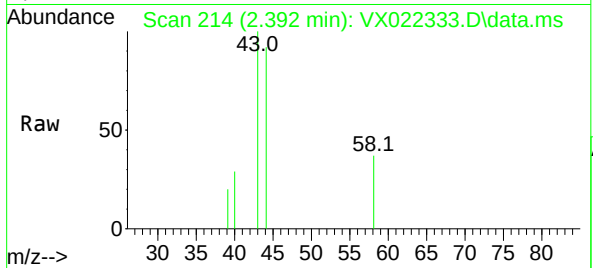




#16
Acetone
Concen: 1.43 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

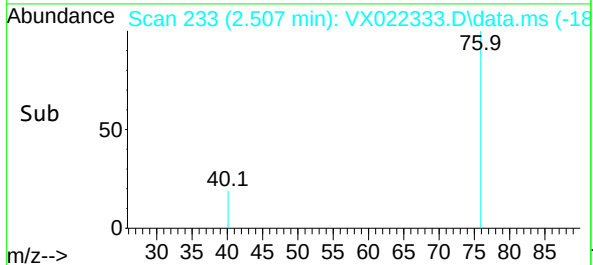
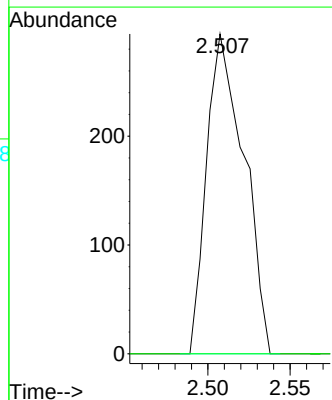
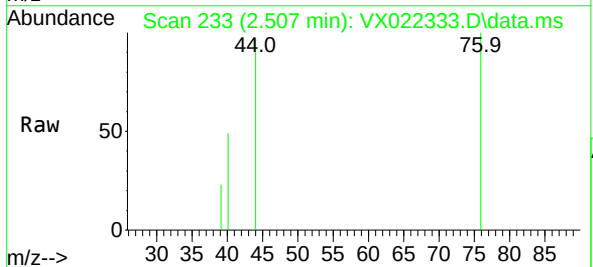
Instrument :
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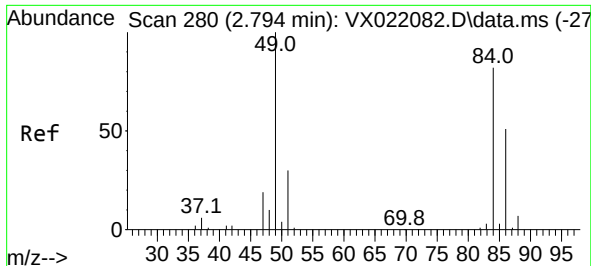
Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
58 37.1 27.8 41.8



#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion: 76 Resp: 463
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.65 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022333.D

Acq: 02 Jun 2021 13:07

Instrument :

MSVOA_X

ClientSampleId :

25BR-20210527DL

Tgt Ion: 84 Resp: 666

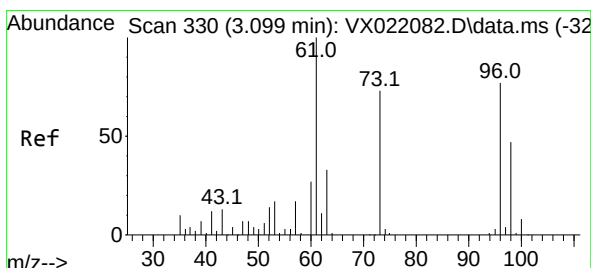
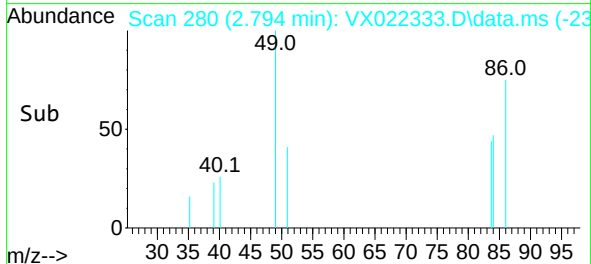
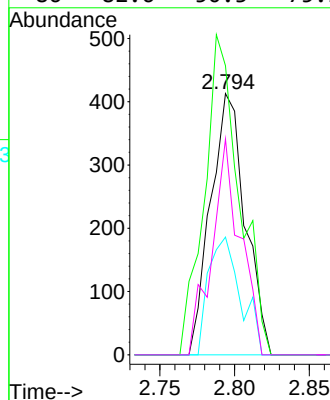
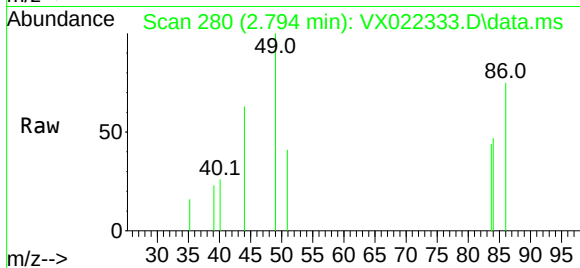
Ion Ratio Lower Upper

84 100

49 110.7 88.6 132.8

51 45.0 27.0 40.6#

86 82.6 50.3 75.5#



#21

trans-1,2-Dichloroethene

Concen: 0.88 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.006 min

Lab File: VX022333.D

Acq: 02 Jun 2021 13:07

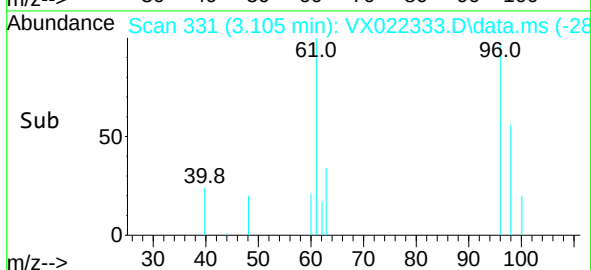
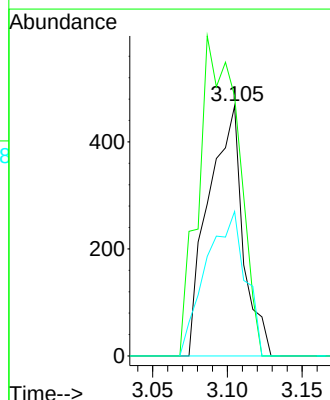
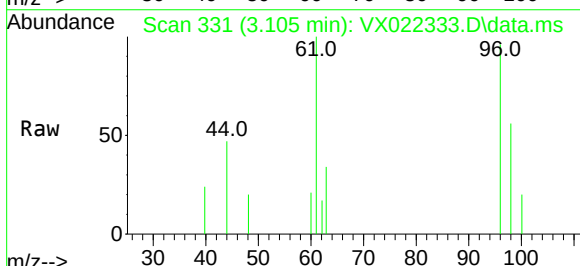
Tgt Ion: 96 Resp: 751

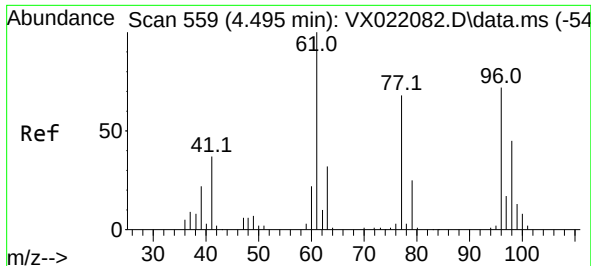
Ion Ratio Lower Upper

96 100

61 104.1 107.7 161.5#

98 57.8 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 78.01 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022333.D

Acq: 02 Jun 2021 13:07

Tgt Ion: 96 Resp: 81159

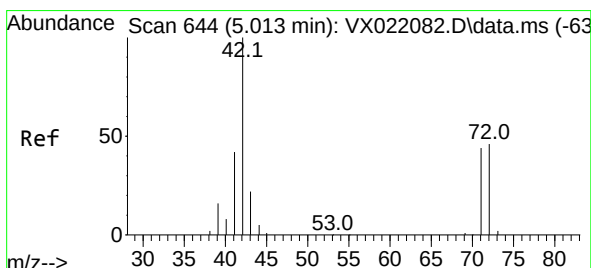
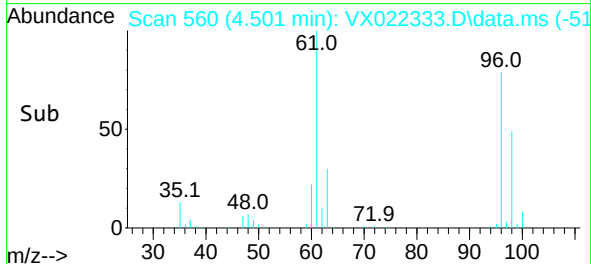
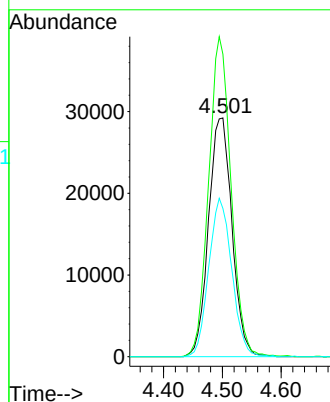
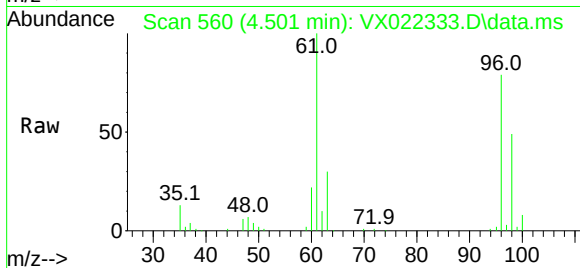
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	285.6
98	65.1	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

25BR-20210527DL



#29

Tetrahydrofuran

Concen: 0.47 ug/l

RT: 5.037 min Scan# 648

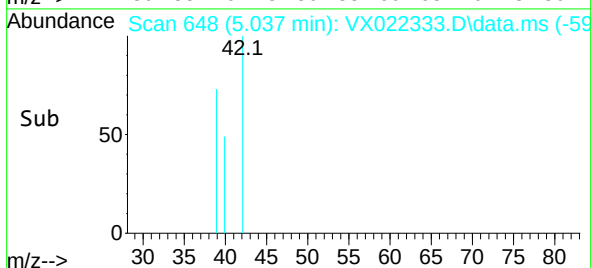
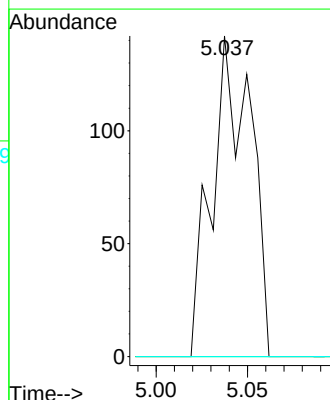
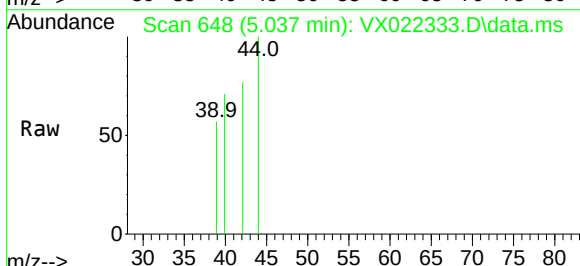
Delta R.T. 0.024 min

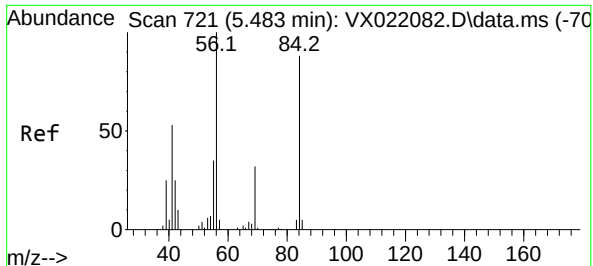
Lab File: VX022333.D

Acq: 02 Jun 2021 13:07

Tgt Ion: 42 Resp: 210

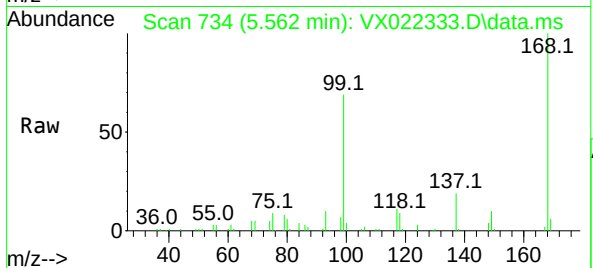
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



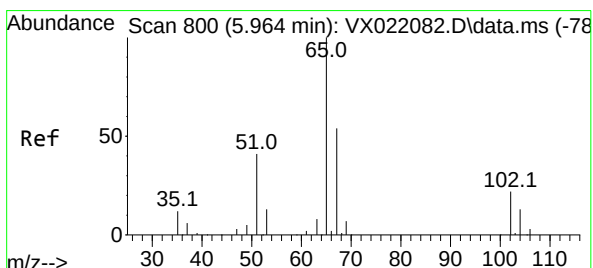
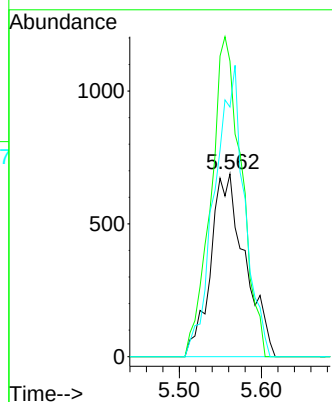
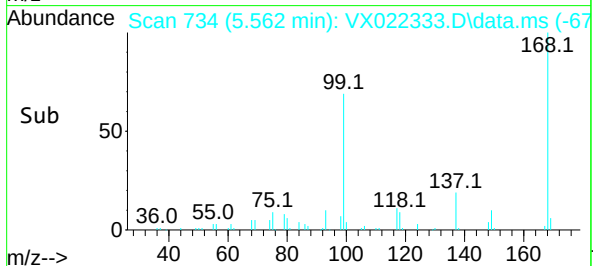


#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

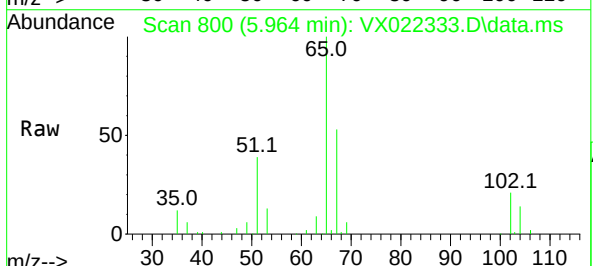
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL



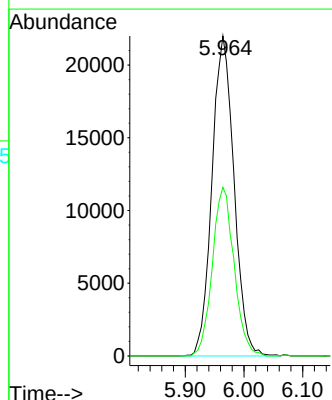
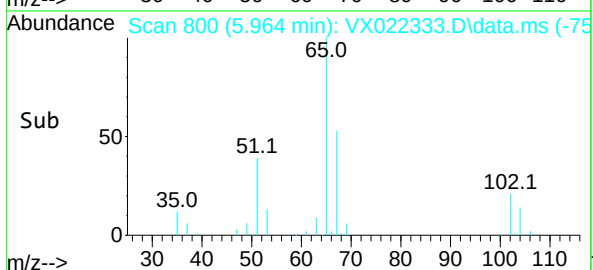
Tgt Ion: 56 Resp: 1999
Ion Ratio Lower Upper
56 100
69 161.8 25.3 37.9#
84 136.6 71.4 107.0#

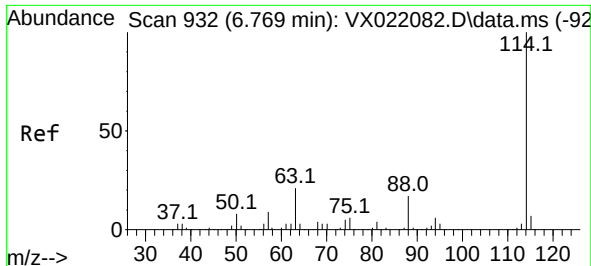


#33
1,2-Dichloroethane-d4
Concen: 54.11 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07



Tgt Ion: 65 Resp: 57285
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

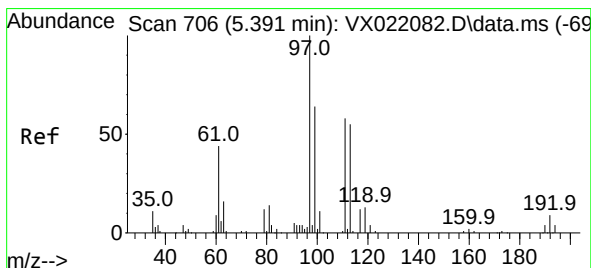
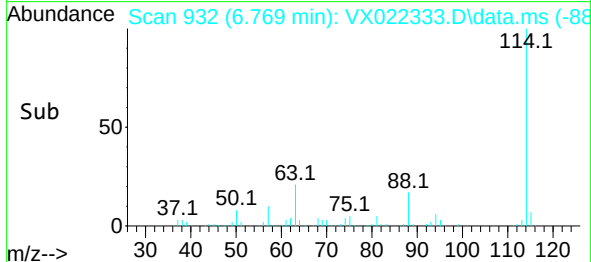
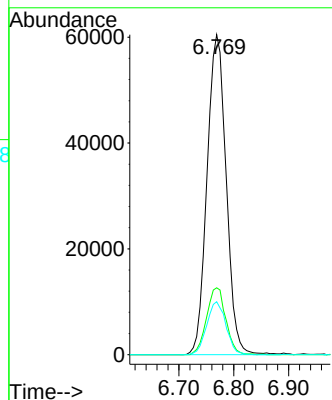
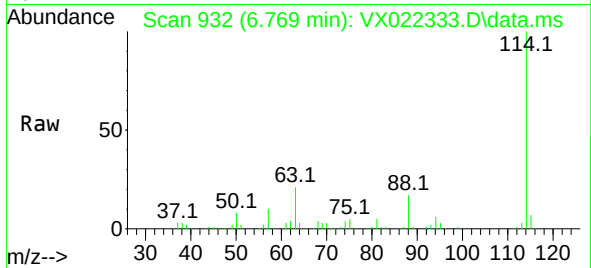




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

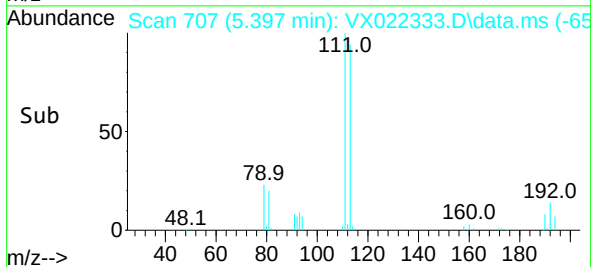
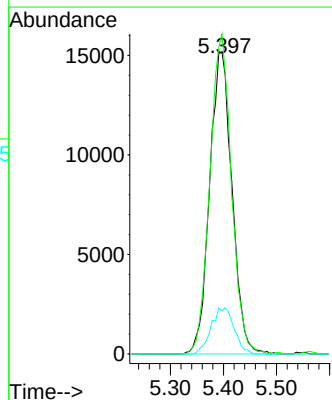
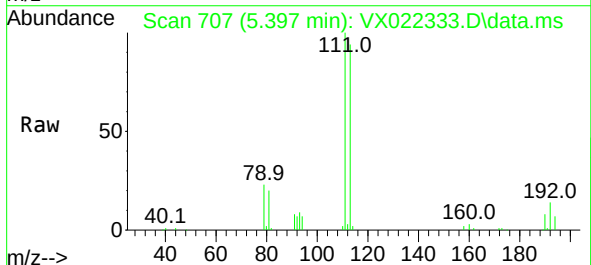
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

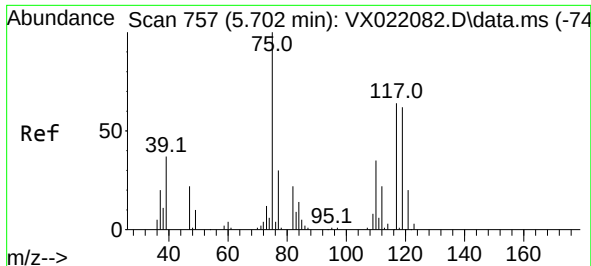
Tgt Ion:114 Resp: 146535
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.85 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion:113 Resp: 44468
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 15.8 16.7 25.1#

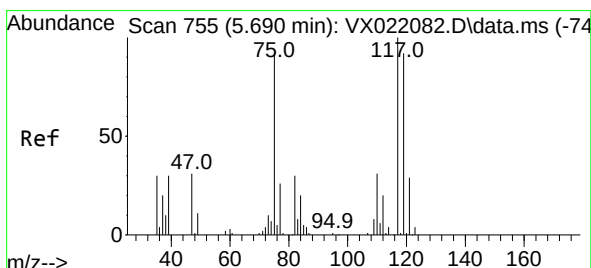
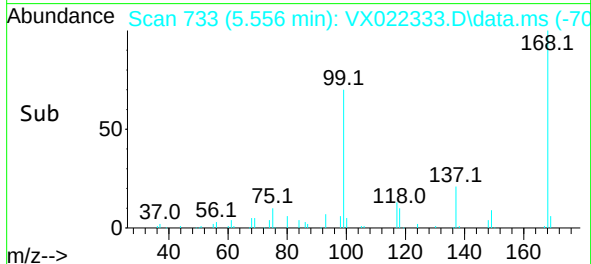
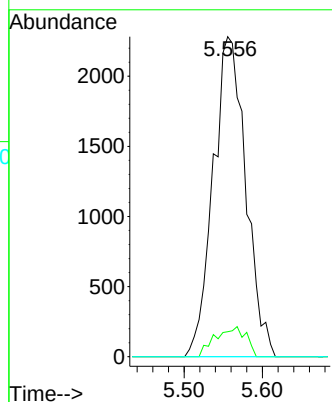
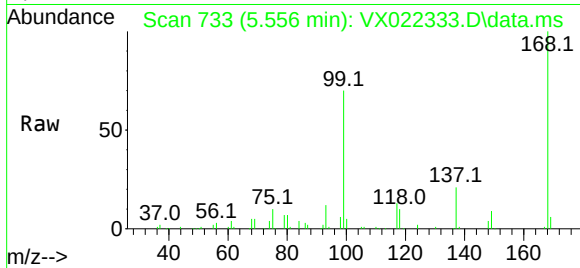




#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

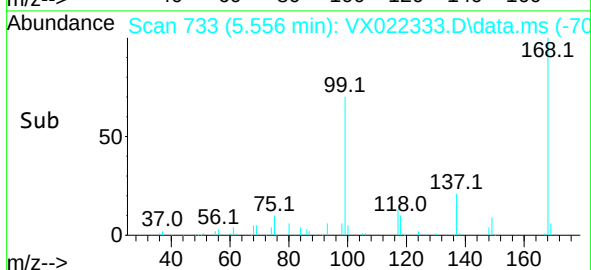
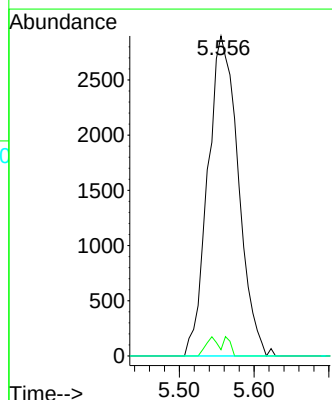
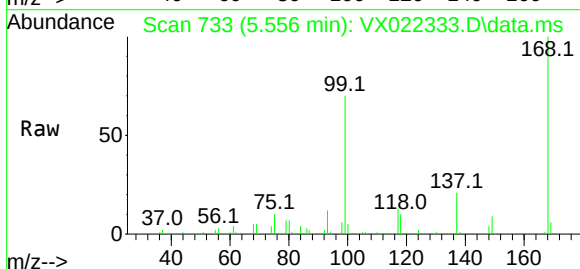
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

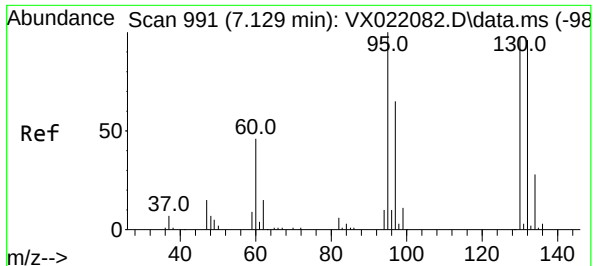
Tgt Ion: 75 Resp: 6601
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion: 117 Resp: 8222
Ion Ratio Lower Upper
117 100
119 2.0 76.2 114.2#
121 0.0 24.8 37.2#

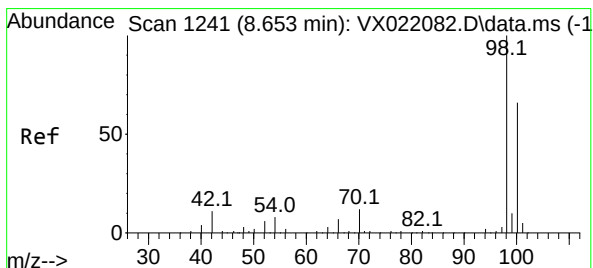
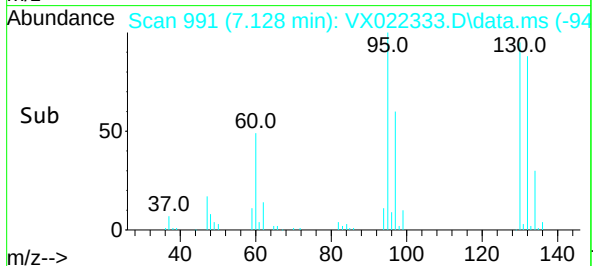
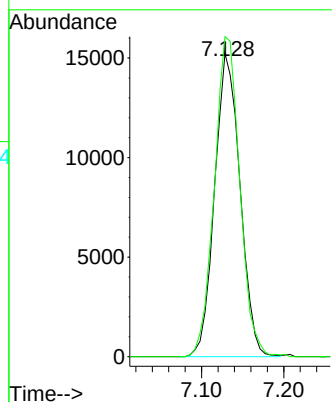
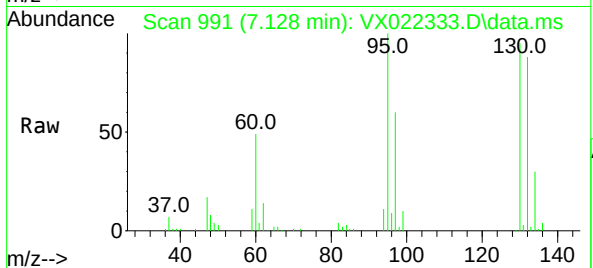




#44
Trichloroethene
Concen: 31.56 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

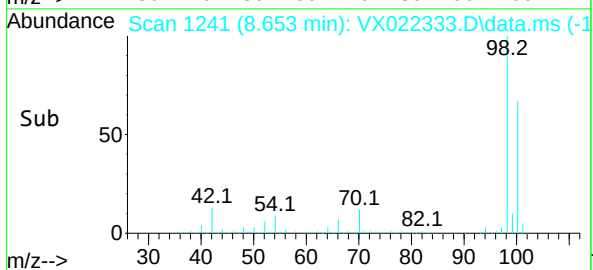
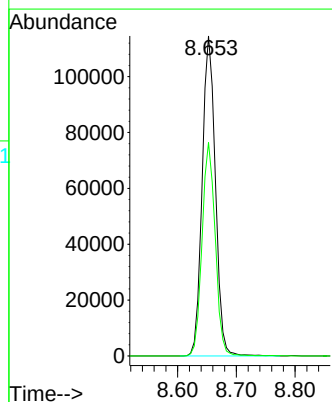
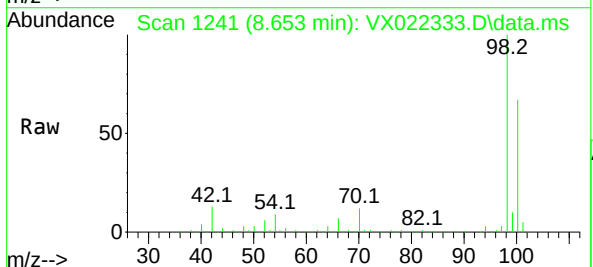
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

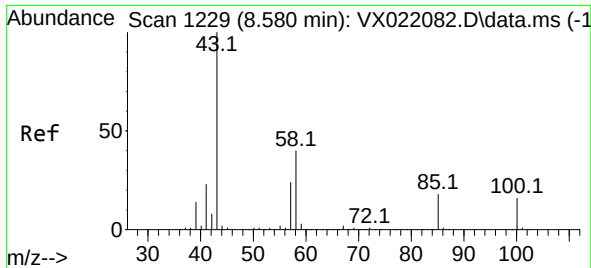
Tgt Ion:130 Resp: 32692
Ion Ratio Lower Upper
130 100
95 105.6 0.0 198.0



#50
Toluene-d8
Concen: 49.95 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion: 98 Resp: 178802
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

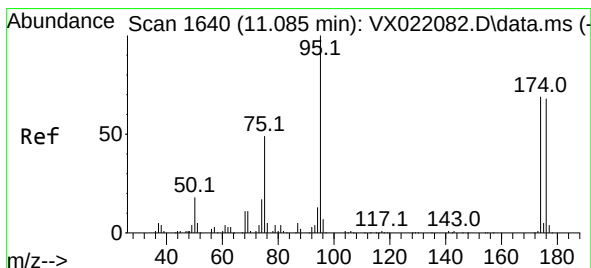
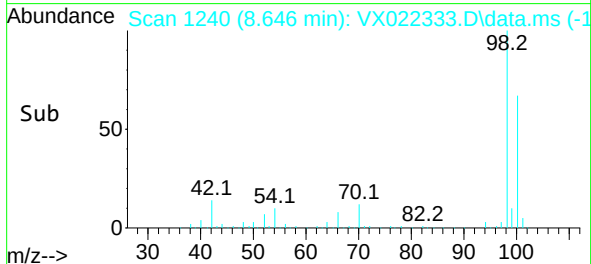
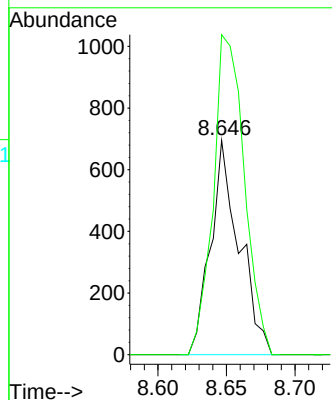
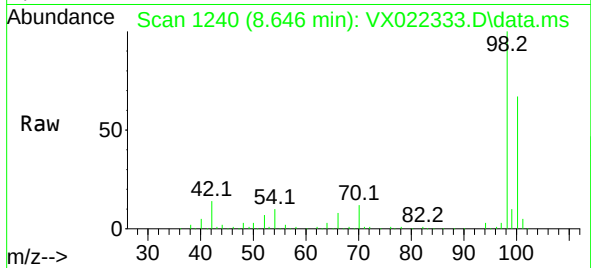




#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.066 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

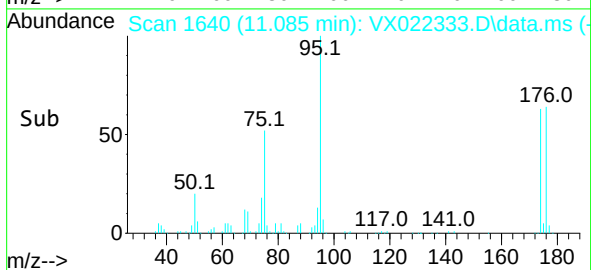
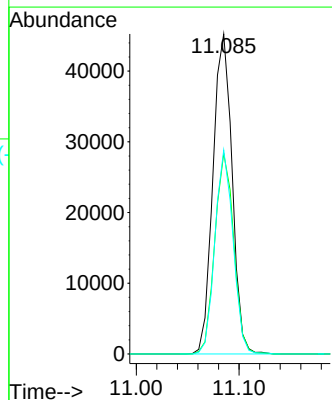
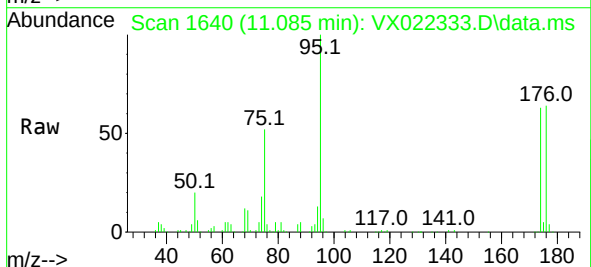
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

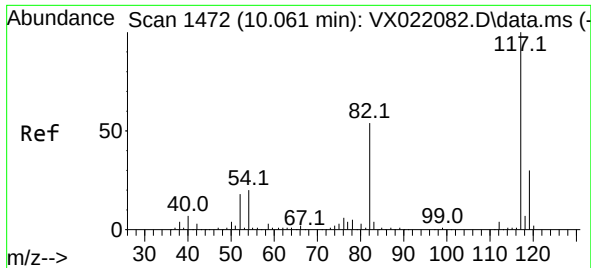
Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 162.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.14 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion: 95 Resp: 58401
Ion Ratio Lower Upper
95 100
174 62.0 0.0 154.6
176 60.4 0.0 155.8

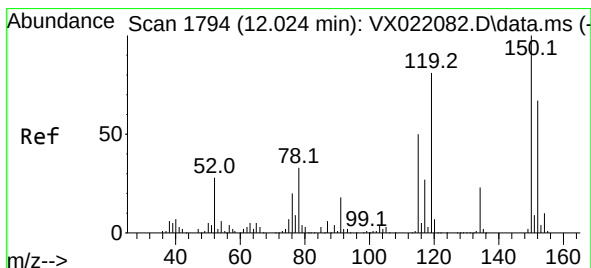
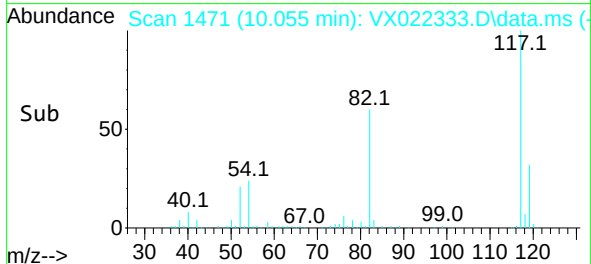
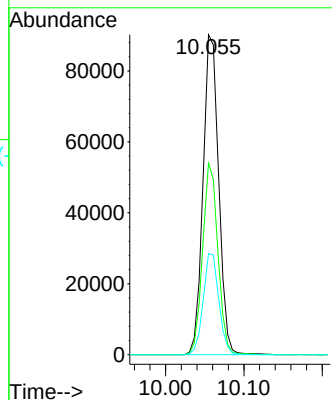
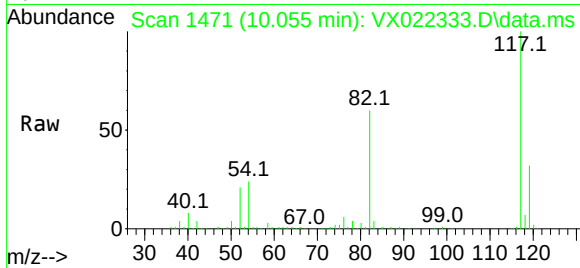




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

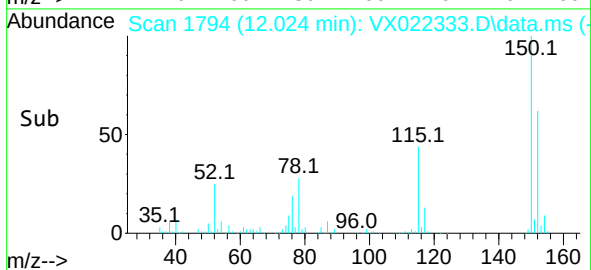
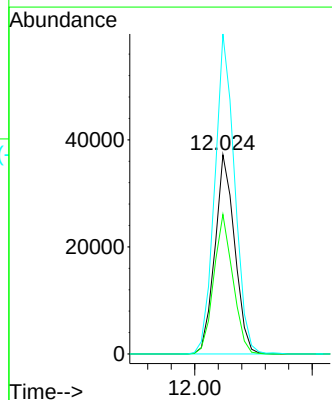
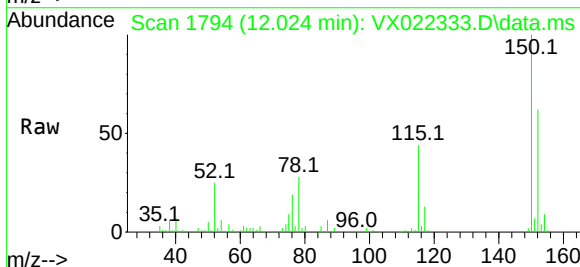
Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

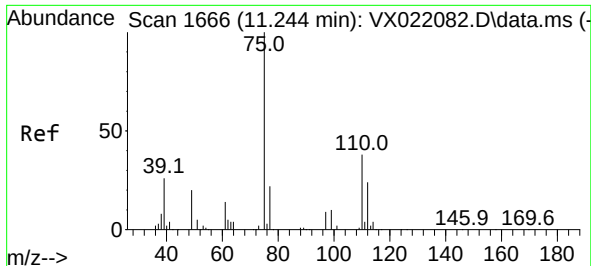
Tgt Ion:	117	Resp:	125197
Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.4	71.2
119	31.5	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion:	152	Resp:	43596
Ion	Ratio	Lower	Upper
152	100		
115	67.6	41.1	123.3
150	161.1	0.0	349.0

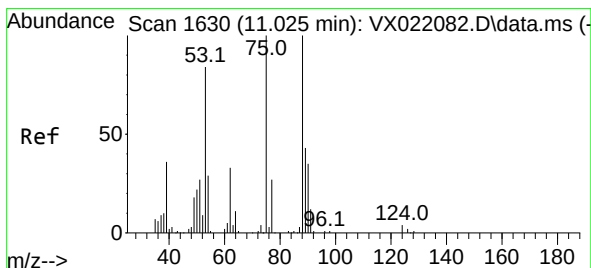
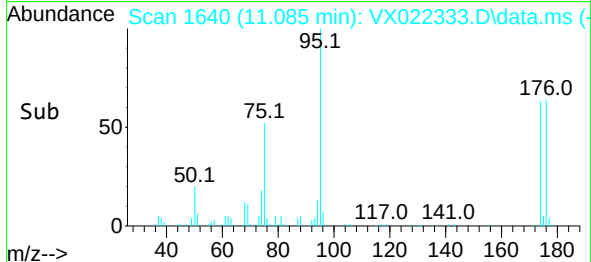
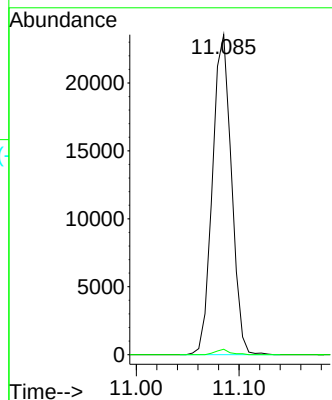
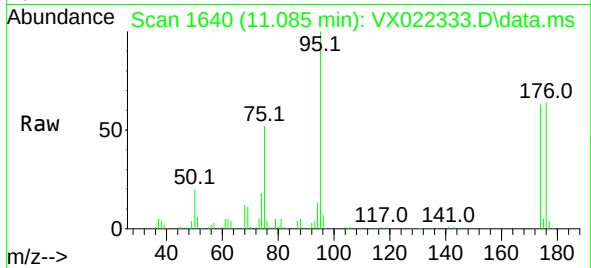




#76
1,2,3-Trichloropropane
Concen: 28.10 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Instrument :
MSVOA_X
ClientSampleId :
25BR-20210527DL

Tgt Ion: 75 Resp: 30227
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.59 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022333.D
Acq: 02 Jun 2021 13:07

Tgt Ion: 75 Resp: 30227
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

