

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035509.D
 Acq On : 03 May 2023 15:01
 Operator : JC/MD
 Sample : 02533-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01

Quant Time: May 04 03:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

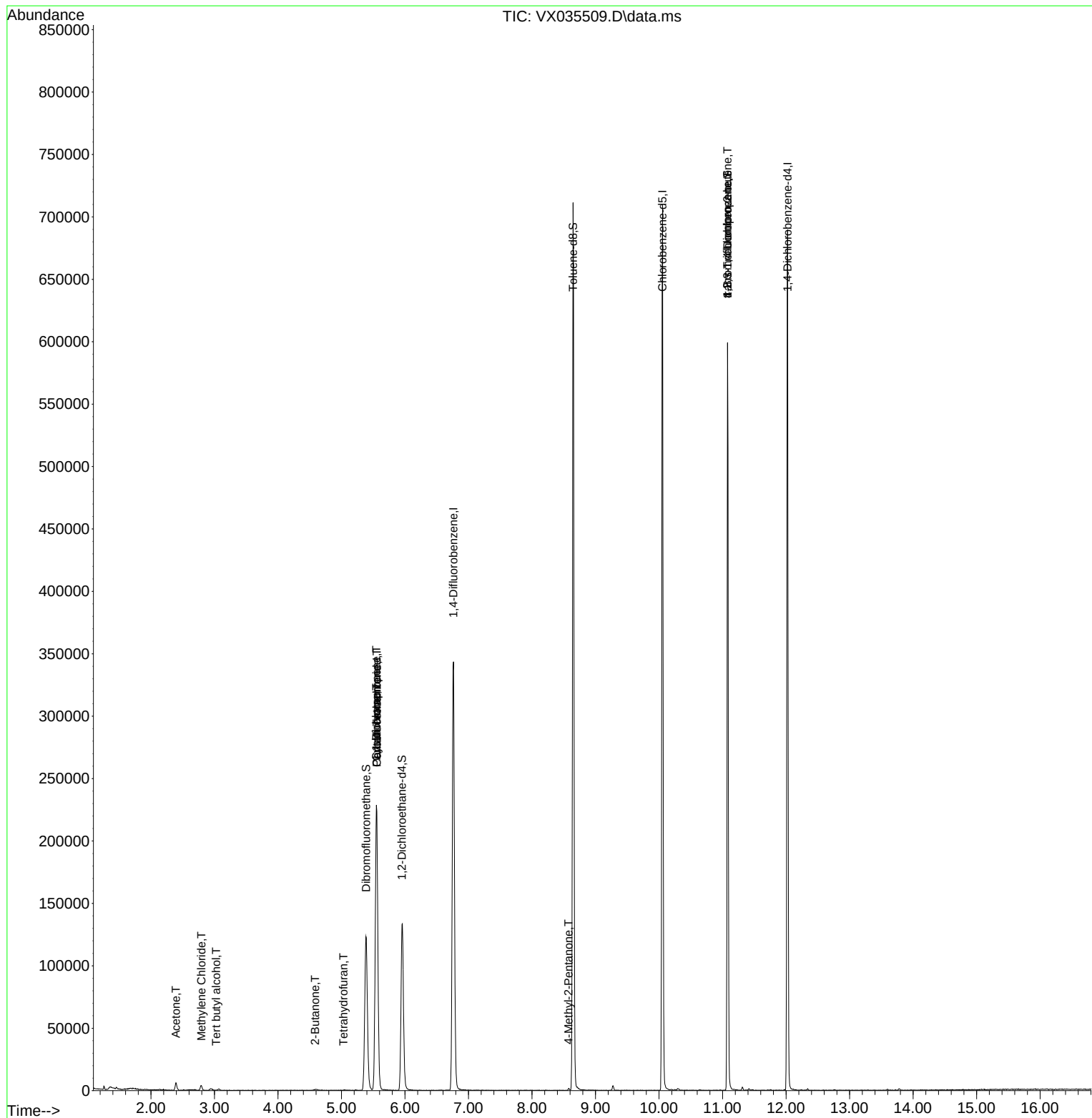
Internal Standards						
1) Pentafluorobenzene	5.556	168	224971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	132684	48.886	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.780%
35) Dibromofluoromethane	5.385	113	111283	49.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	8.647	98	426461	50.360	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.720%
62) 4-Bromofluorobenzene	11.079	95	162725	51.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.026	59	154	0.312	ug/l #	73
16) Acetone	2.392	43	7519	6.379	ug/l	95
20) Methylene Chloride	2.794	84	1943	0.719	ug/l #	83
25) 2-Butanone	4.587	43	748	0.435	ug/l #	65
29) Tetrahydrofuran	5.032	42	236	0.214	ug/l #	34
31) Cyclohexane	5.550	56	3947	1.025	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16021	4.571	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22132	6.651	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	968	0.293	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	78182	25.455	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	78182	82.445	ug/l #	8

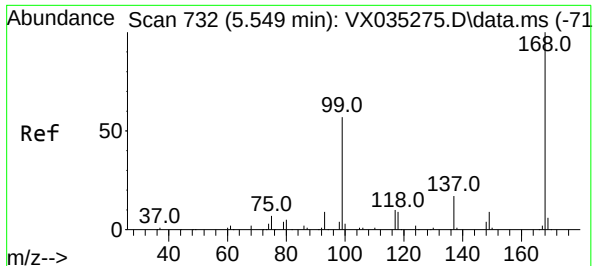
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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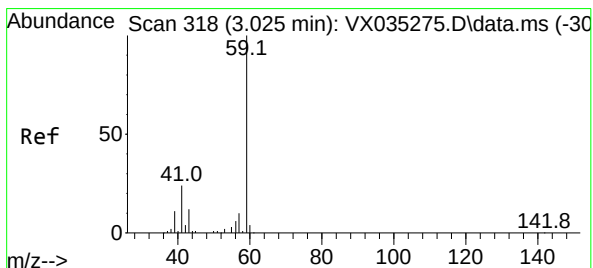
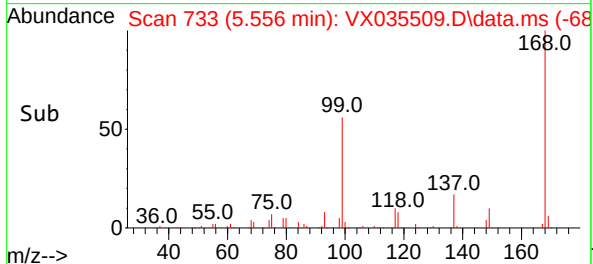
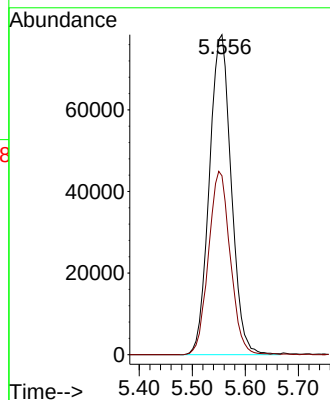
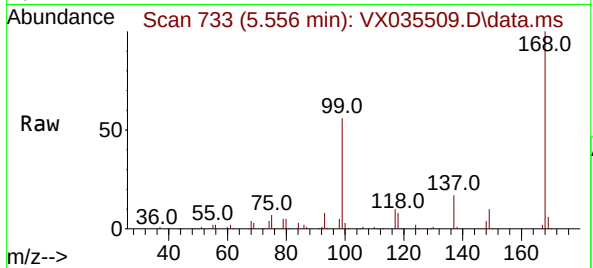




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

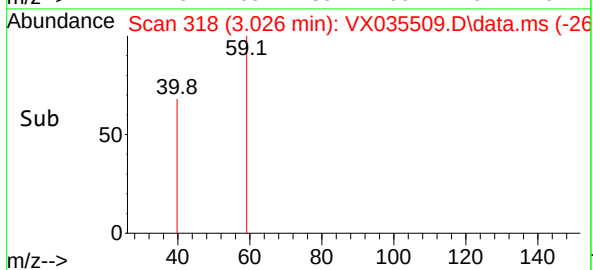
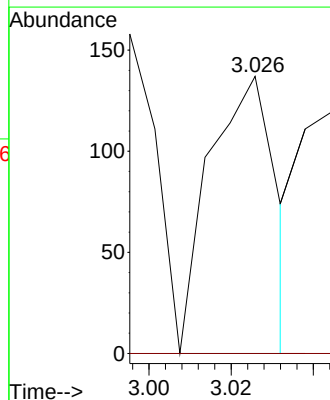
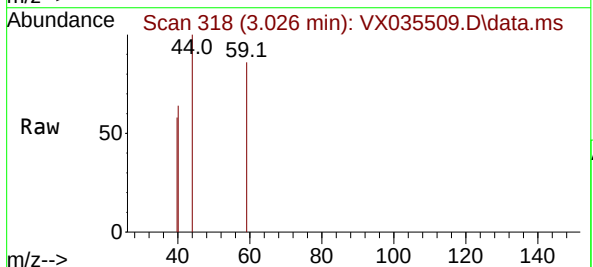
Instrument :
MSVOA_X
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EB-01

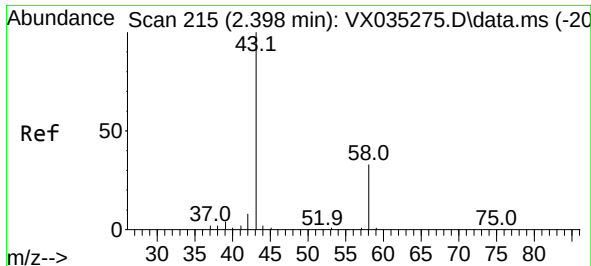
Tgt Ion:168 Resp: 224971
Ion Ratio Lower Upper
168 100
99 55.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.312 ug/l
RT: 3.026 min Scan# 318
Delta R.T. 0.001 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

Tgt Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

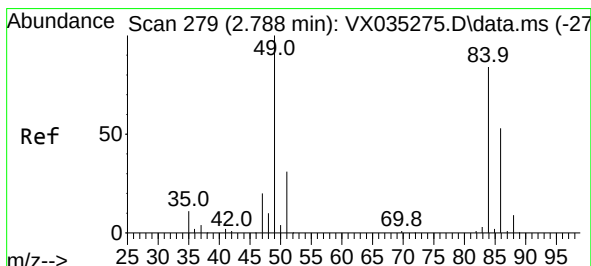
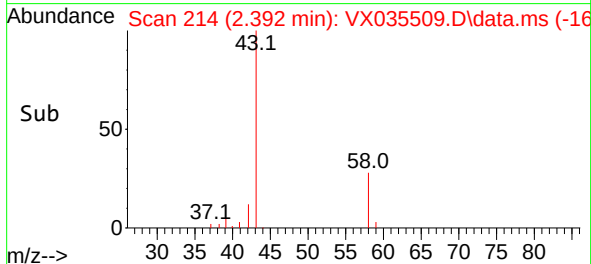
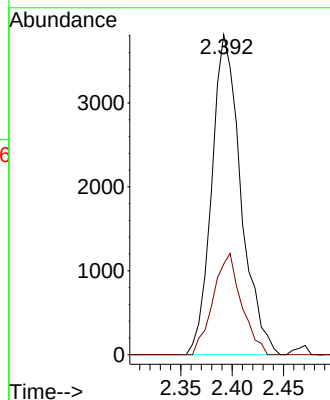
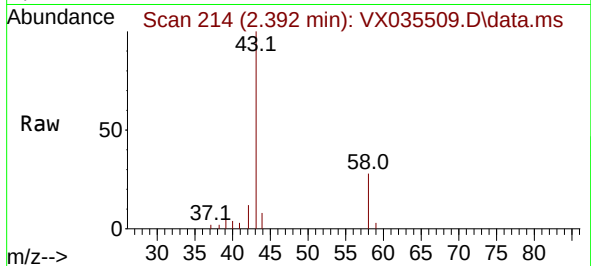




#16
Acetone
Concen: 6.379 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

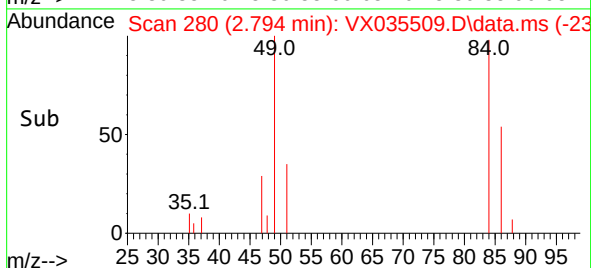
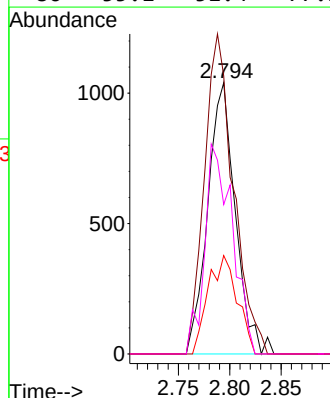
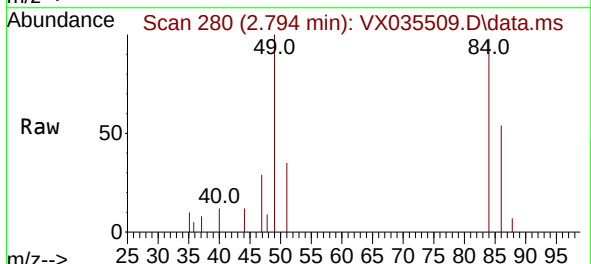
Instrument :
MSVOA_X
ClientSampleId :
EB-01

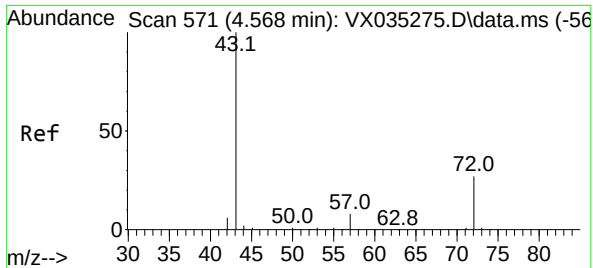
Tgt Ion: 43 Resp: 7519
Ion Ratio Lower Upper
43 100
58 28.3 24.7 37.1



#20
Methylene Chloride
Concen: 0.719 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

Tgt Ion: 84 Resp: 1943
Ion Ratio Lower Upper
84 100
49 102.5 103.8 155.8#
51 36.3 31.8 47.8
86 55.1 51.4 77.2

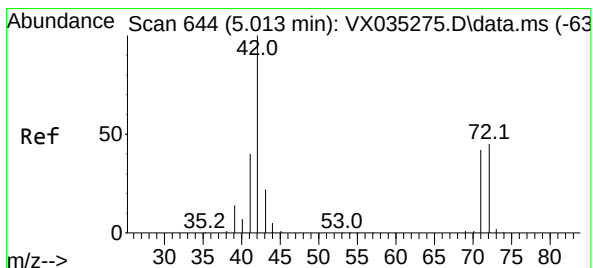
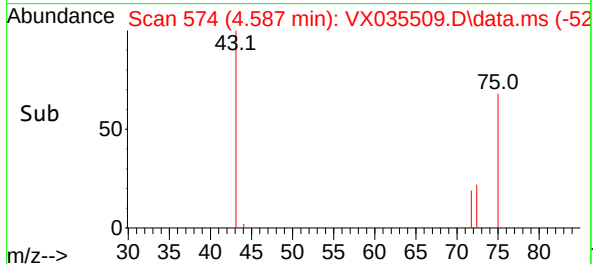
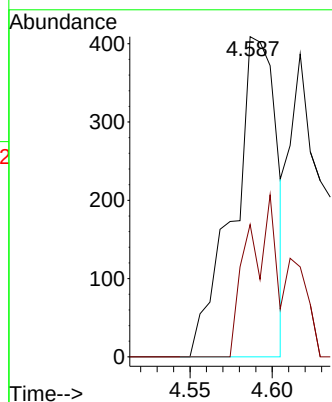
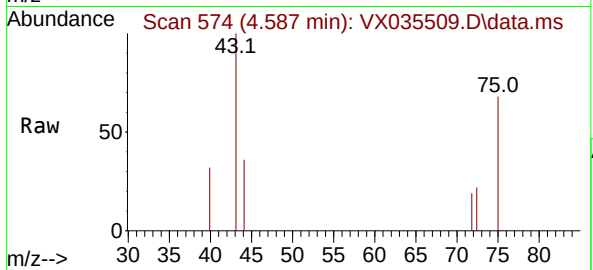




#25
2-Butanone
Concen: 0.435 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

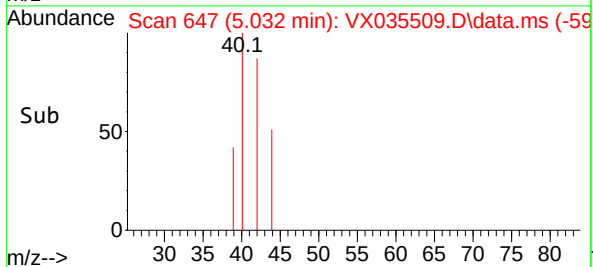
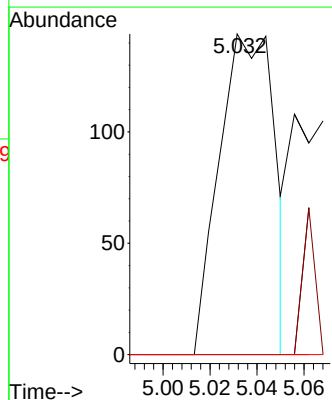
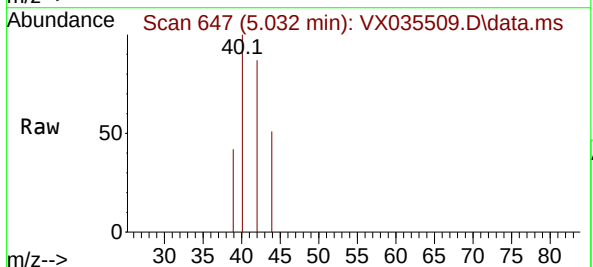
Instrument :
MSVOA_X
ClientSampleId :
EB-01

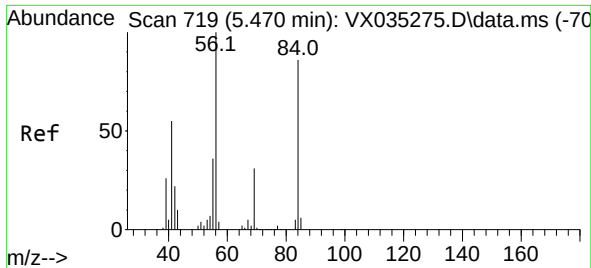
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
72 41.3 19.3 28.9#



#29
Tetrahydrofuran
Concen: 0.214 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

Tgt Ion: 42 Resp: 236
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 0.0 32.1 48.1#

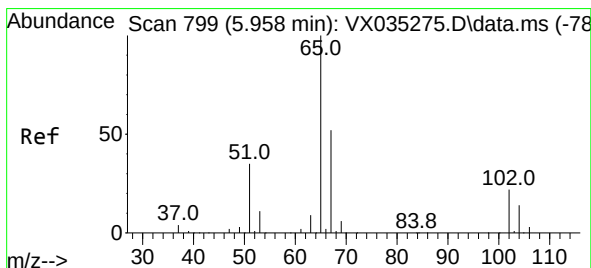
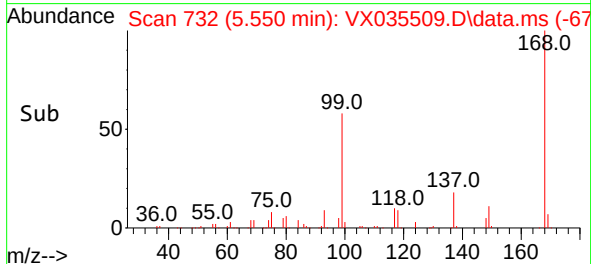
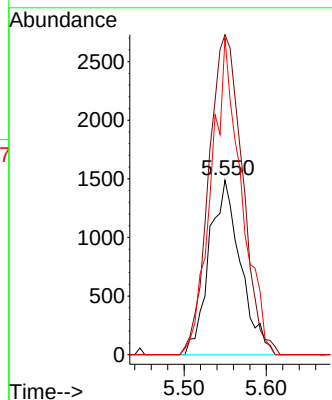
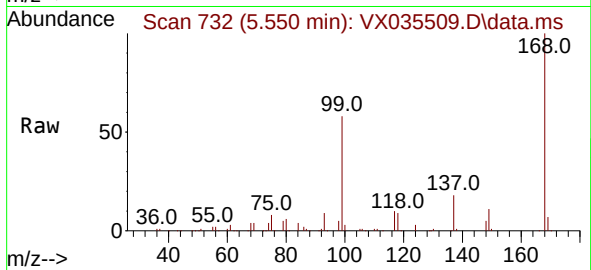




#31
Cyclohexane
Concen: 1.025 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

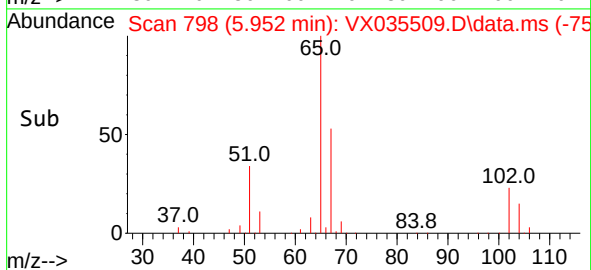
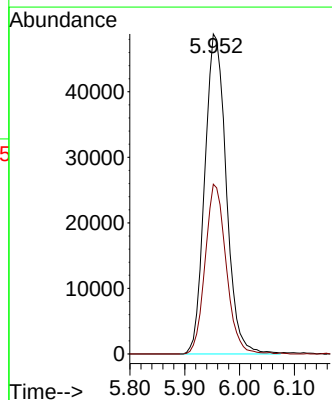
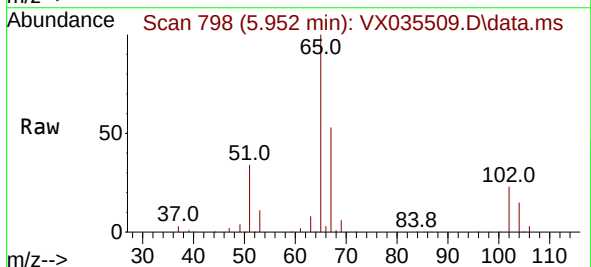
Instrument :
MSVOA_X
ClientSampleId :
EB-01

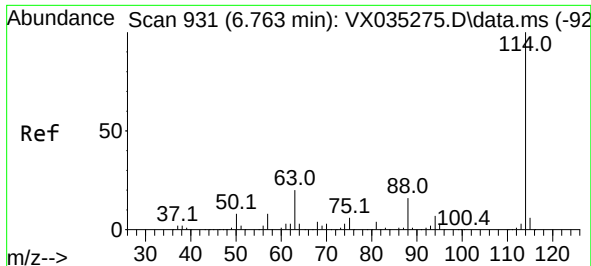
Tgt Ion: 56 Resp: 3947
Ion Ratio Lower Upper
56 100
69 183.5 23.7 35.5#
84 181.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.886 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

Tgt Ion: 65 Resp: 132684
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

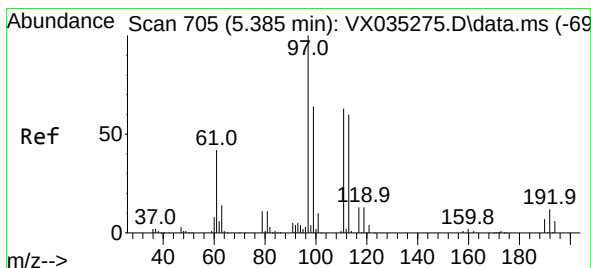
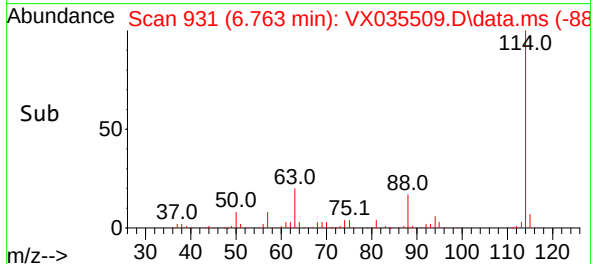
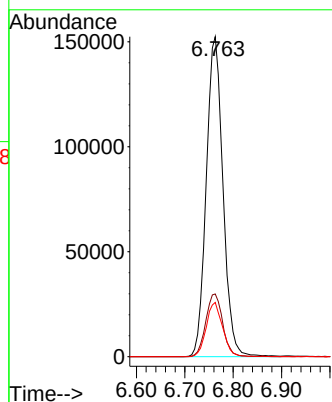
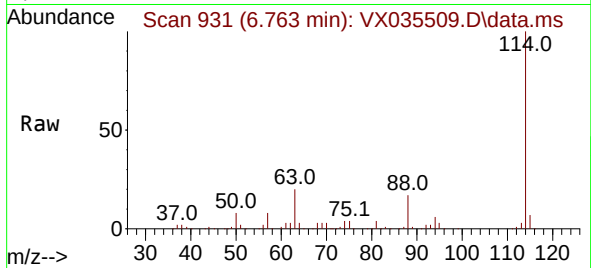




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX035509.D
 Acq: 03 May 2023 15:01

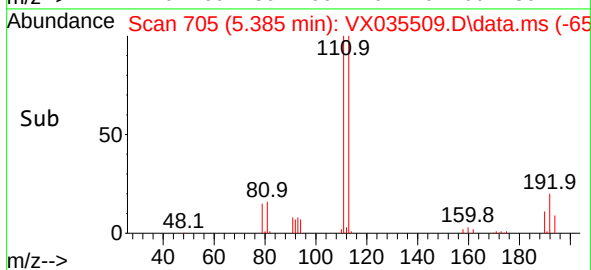
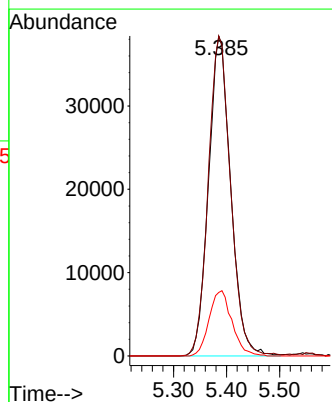
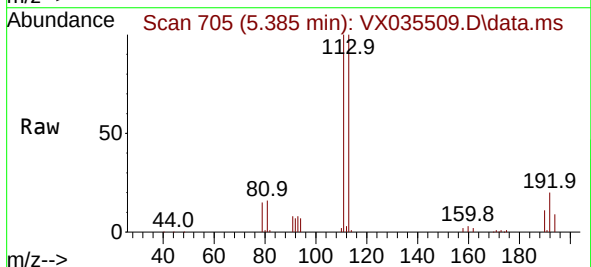
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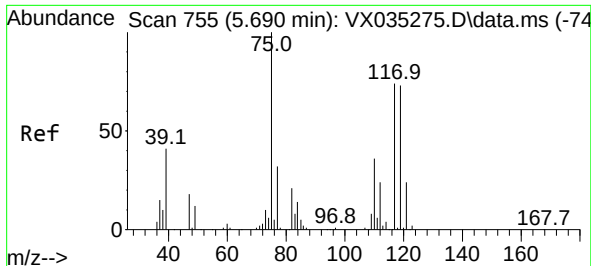
Tgt Ion:114 Resp: 365748
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.2
 88 17.0 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.572 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035509.D
 Acq: 03 May 2023 15:01

Tgt Ion:113 Resp: 111283
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.7 125.5
 192 21.0 15.4 23.2

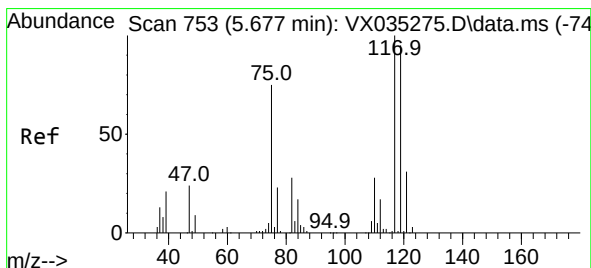
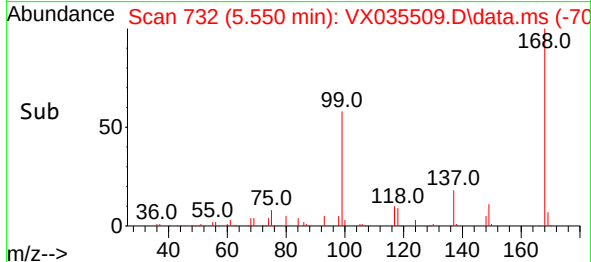
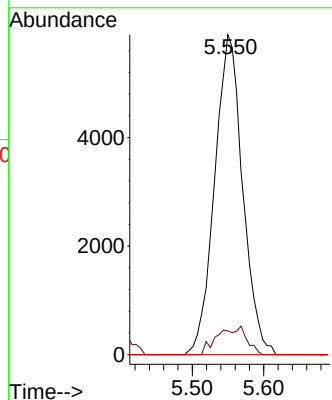
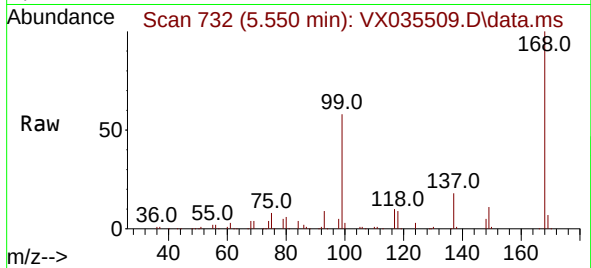




#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

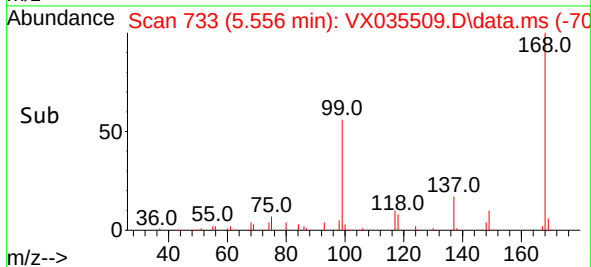
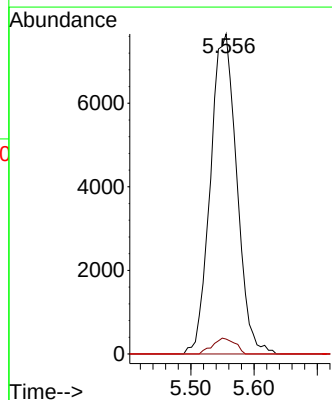
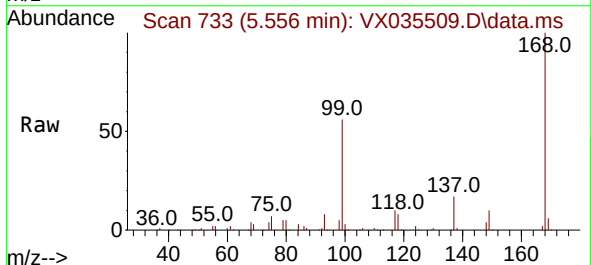
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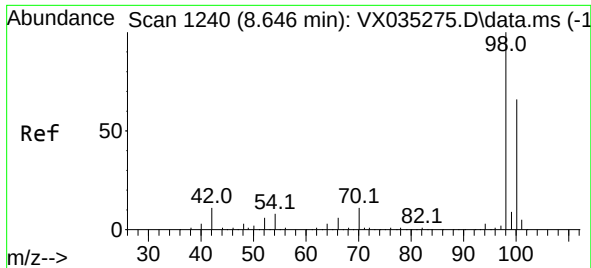
Tgt Ion: 75 Resp: 16021
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.651 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

Tgt Ion: 117 Resp: 22132
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#

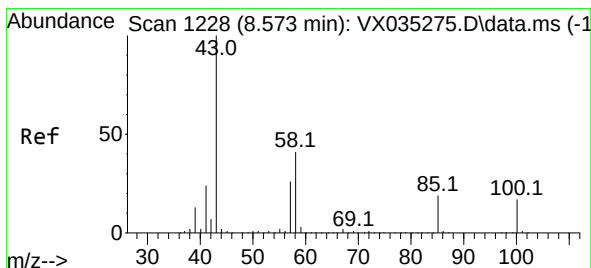
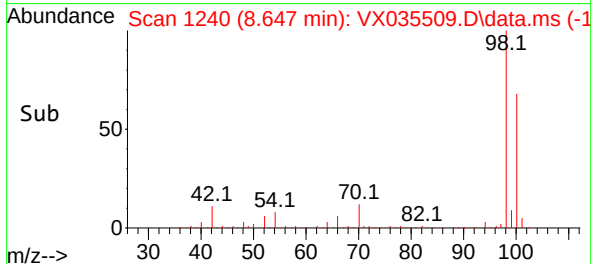
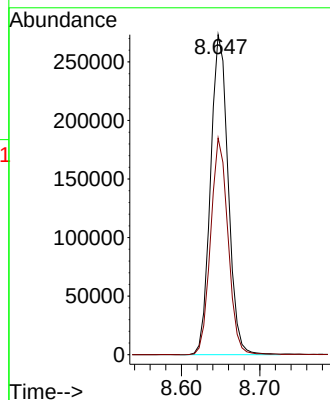
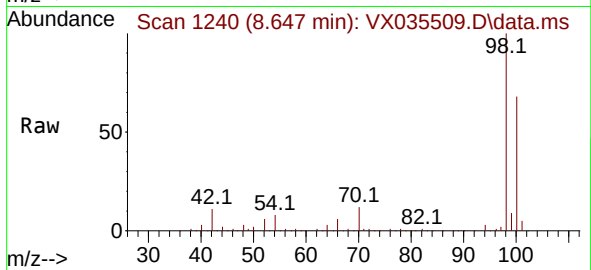




#50
Toluene-d8
Concen: 50.360 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

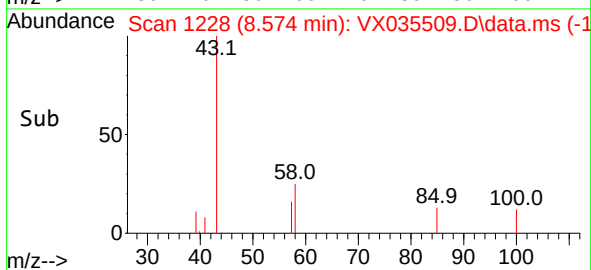
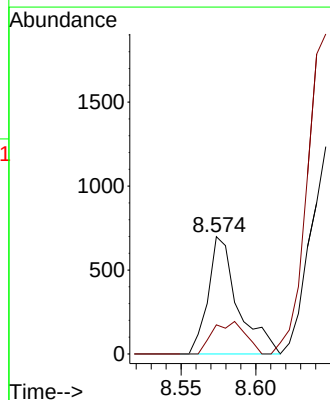
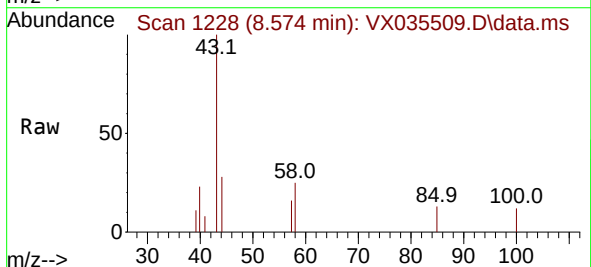
Instrument :
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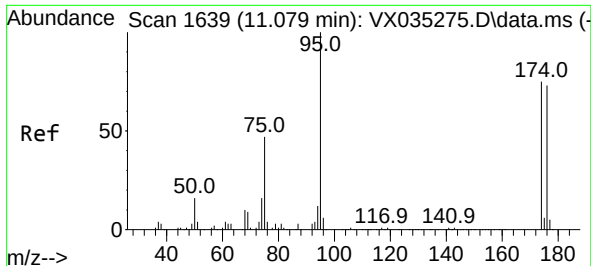
Tgt Ion: 98 Resp: 426461
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.293 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 30.4 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 51.081 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035509.D

Acq: 03 May 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

EB-01

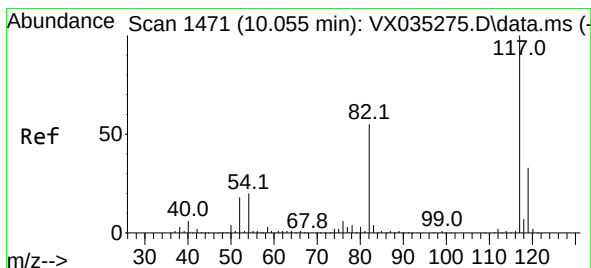
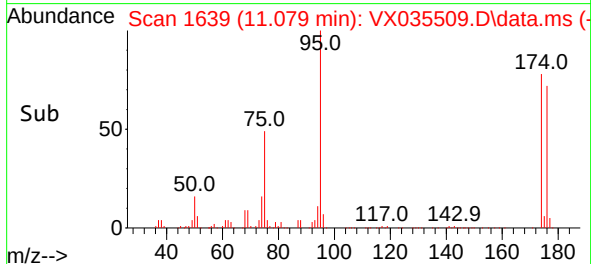
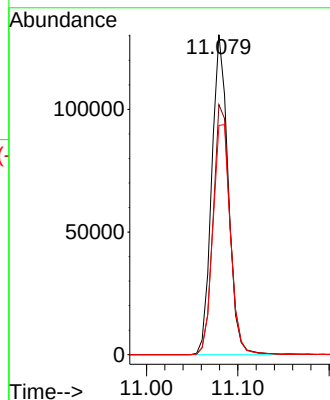
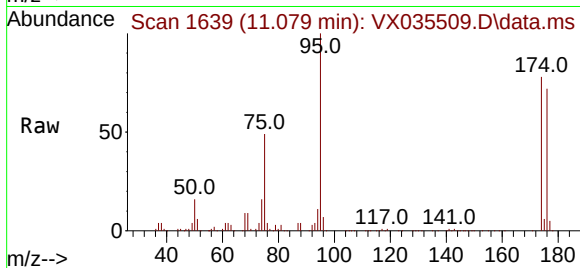
Tgt Ion: 95 Resp: 162725

Ion Ratio Lower Upper

95 100

174 80.1 0.0 147.4

176 76.8 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035509.D

Acq: 03 May 2023 15:01

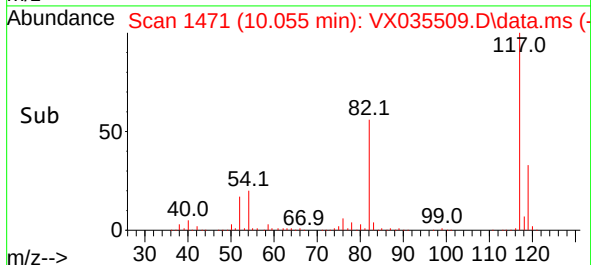
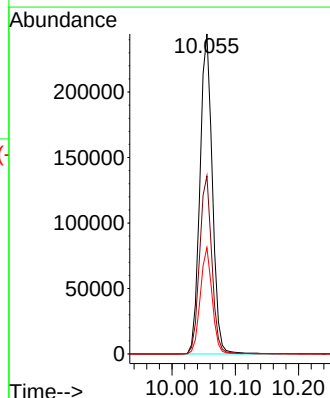
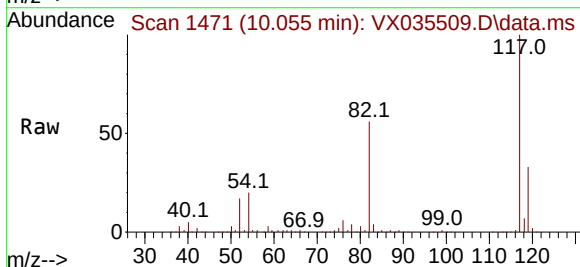
Tgt Ion: 117 Resp: 333325

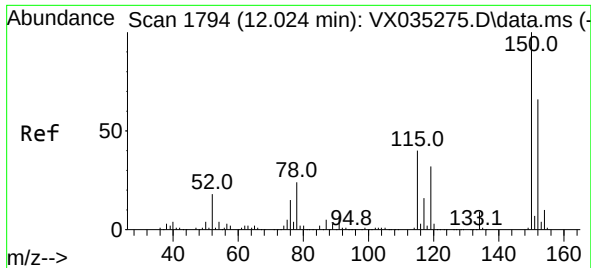
Ion Ratio Lower Upper

117 100

82 55.7 45.0 67.4

119 33.2 26.0 39.0

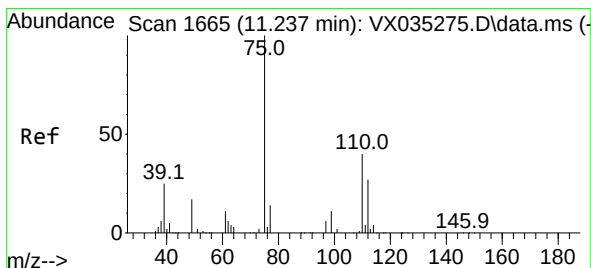
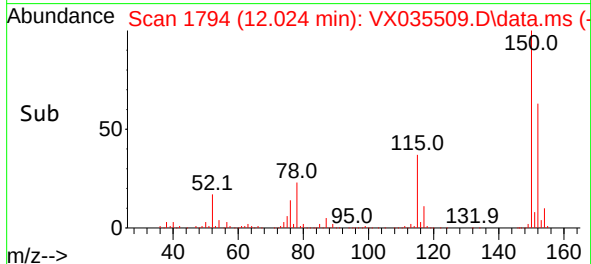
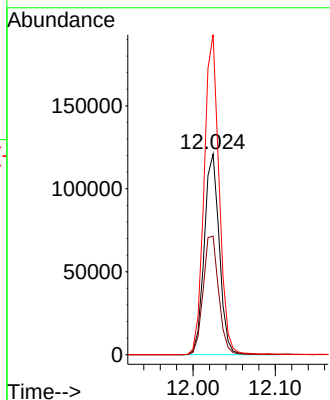
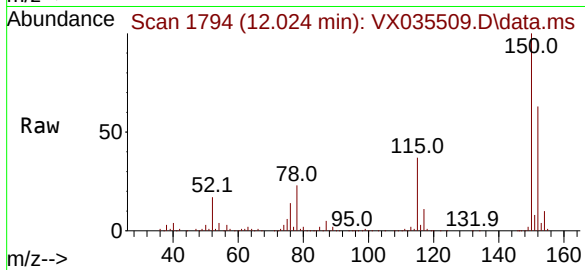




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035509.D
 Acq: 03 May 2023 15:01

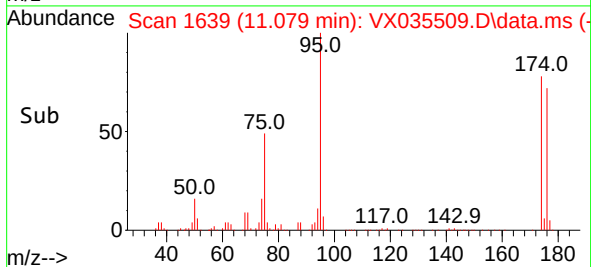
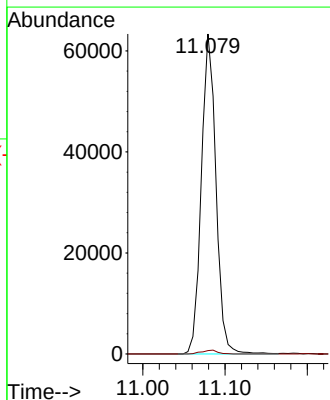
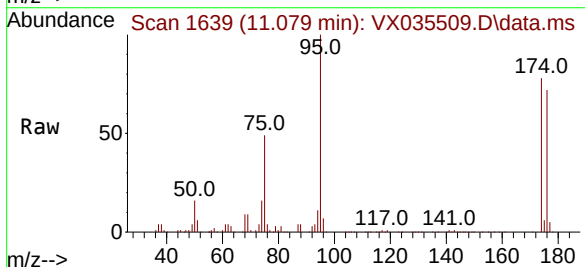
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01

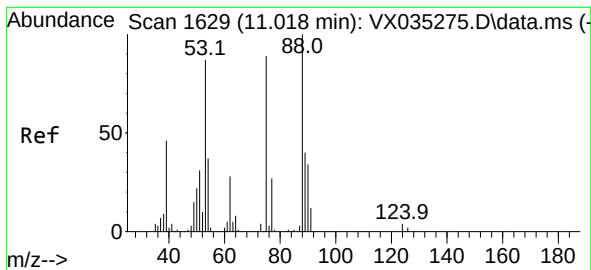
Tgt Ion:152 Resp: 153969
 Ion Ratio Lower Upper
 152 100
 115 60.9 45.0 135.0
 150 158.2 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.455 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035509.D
 Acq: 03 May 2023 15:01

Tgt Ion: 75 Resp: 78182
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.445 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035509.D
Acq: 03 May 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :
EB-01

Tgt Ion: 75 Resp: 78182
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

