

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037521.D
 Acq On : 05 Sep 2023 18:50
 Operator : JC/MD
 Sample : 04254-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 06 02:58:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

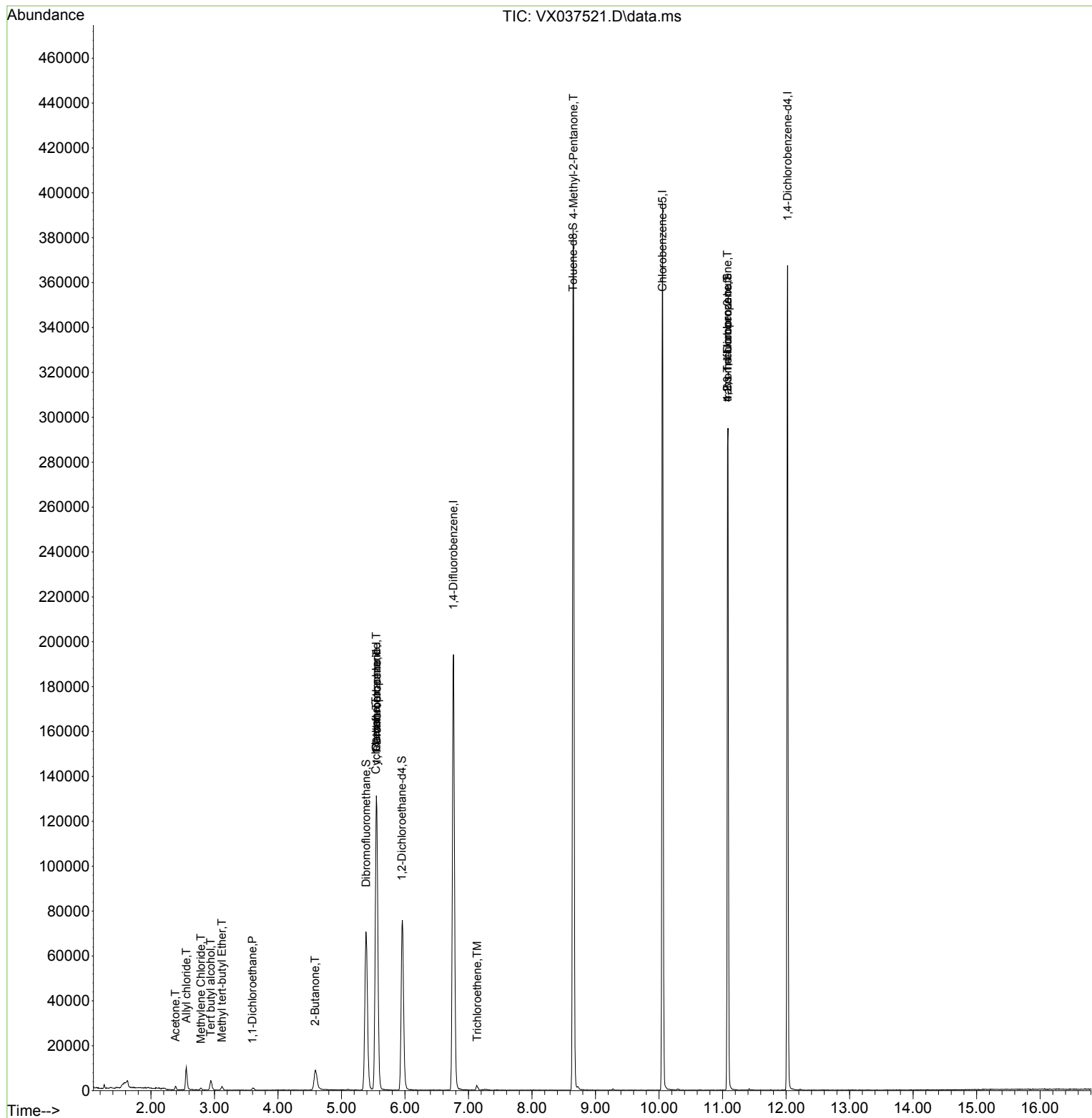
Internal Standards						
1) Pentafluorobenzene	5.550	168	125210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75086	41.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.200%
35) Dibromofluoromethane	5.385	113	63820	46.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.647	98	245259	49.003	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	87188	44.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2656	6.272	ug/l #	78
14) Allyl chloride	2.556	41	930	0.466	ug/l #	63
16) Acetone	2.385	43	1756	2.487	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	1948	0.398	ug/l	94
20) Methylene Chloride	2.788	84	579	0.367	ug/l #	84
24) 1,1-Dichloroethane	3.599	63	1415	0.551	ug/l #	83
25) 2-Butanone	4.586	43	310	0.292	ug/l #	51
31) Cyclohexane	5.543	56	2241	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9595	4.895	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13140	6.171	ug/l #	15
44) Trichloroethene	7.135	130	895	0.561	ug/l	88
51) 4-Methyl-2-Pentanone	8.653	43	872	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41548	24.584	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41548	68.664	ug/l #	5

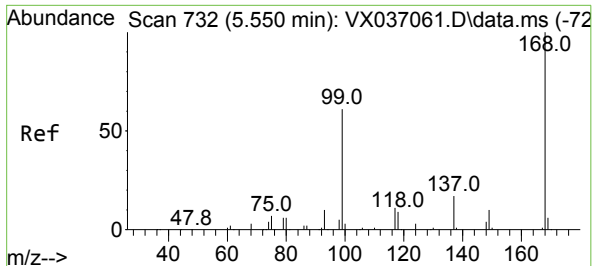
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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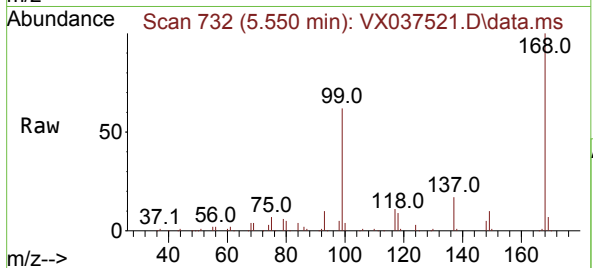
Quant Time: Sep 06 02:58:38 2023
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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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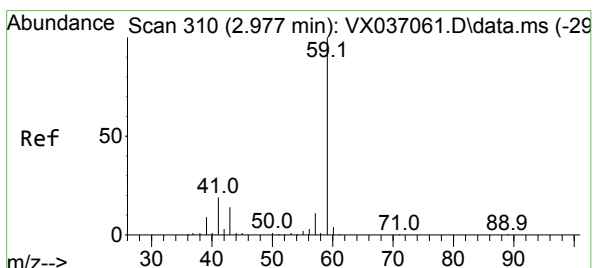
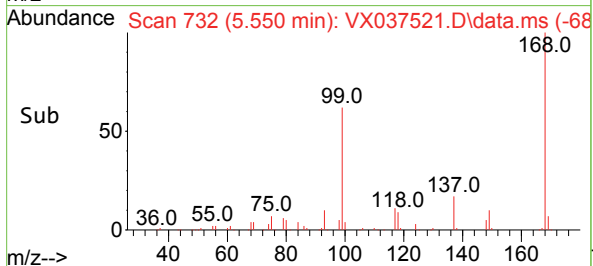
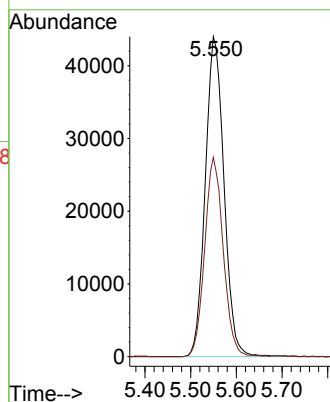


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

Instrument :
MSVOA_X
ClientSampleId :

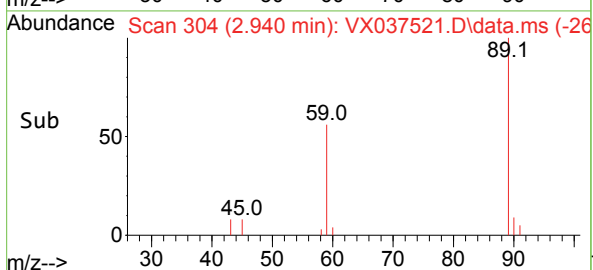
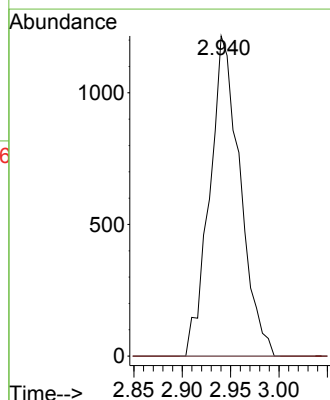
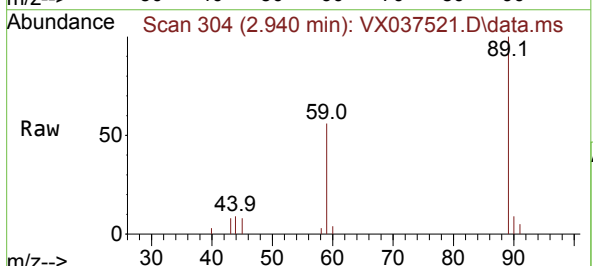


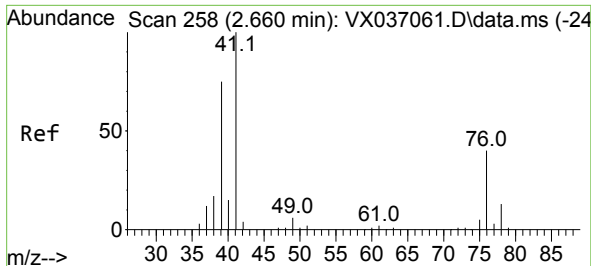
Tgt Ion:168 Resp: 125210
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.272 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

Tgt Ion: 59 Resp: 2656
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

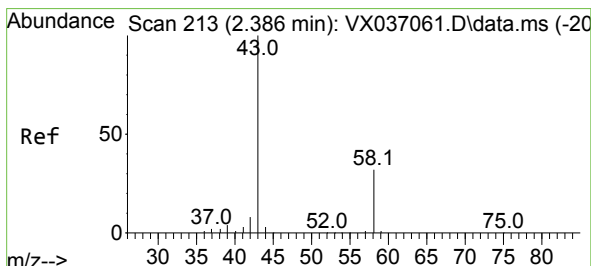
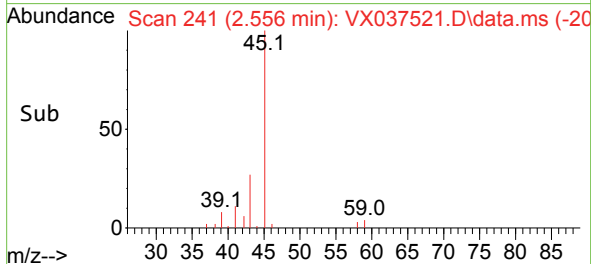
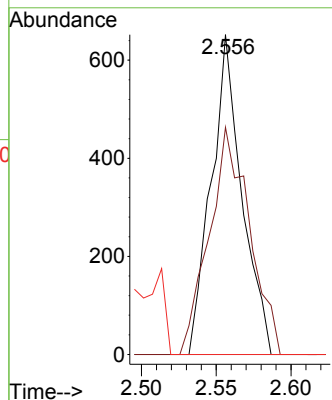
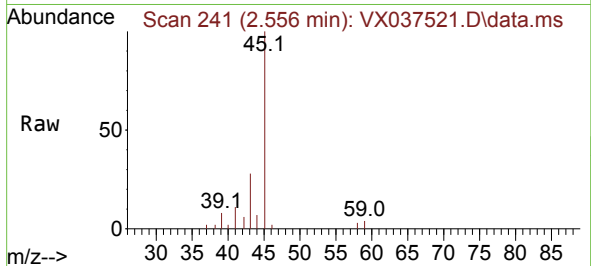




#14
 Allyl chloride
 Concen: 0.466 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.104 min
 Lab File: VX037521.D
 Acq: 05 Sep 2023 18:50

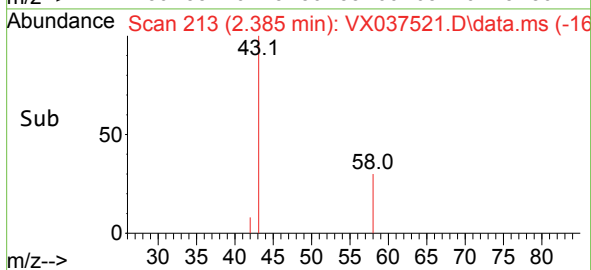
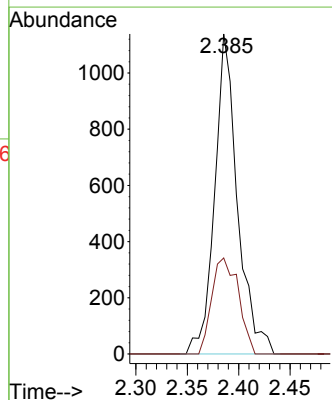
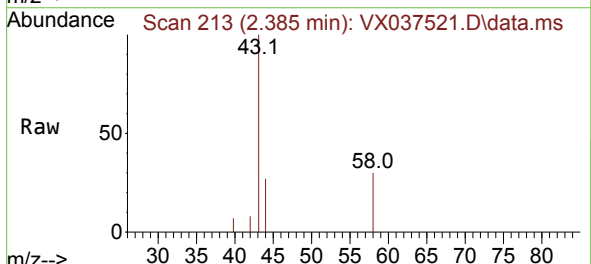
Instrument :
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 ClientSampleId :

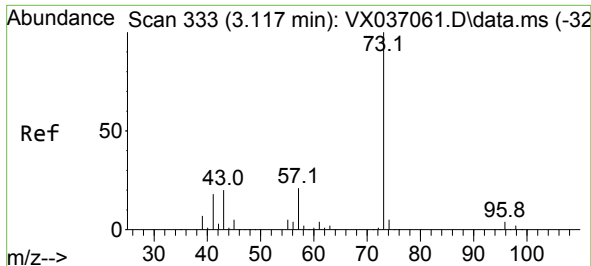
Tgt Ion: 41 Resp: 930
 Ion Ratio Lower Upper
 41 100
 39 93.1 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 2.487 ug/l
 RT: 2.385 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX037521.D
 Acq: 05 Sep 2023 18:50

Tgt Ion: 43 Resp: 1756
 Ion Ratio Lower Upper
 43 100
 58 30.0 21.9 32.9

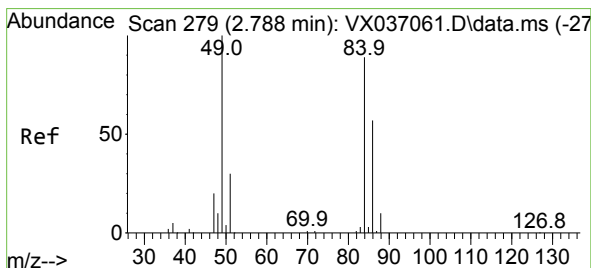
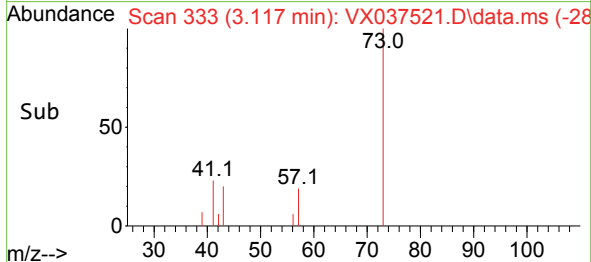
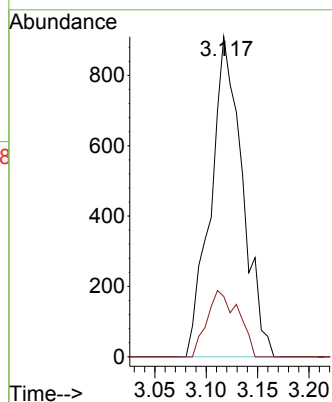
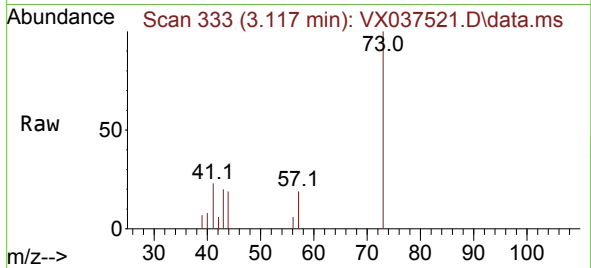




#19
Methyl tert-butyl Ether
Concen: 0.398 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

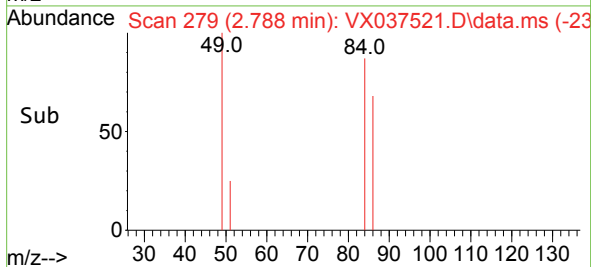
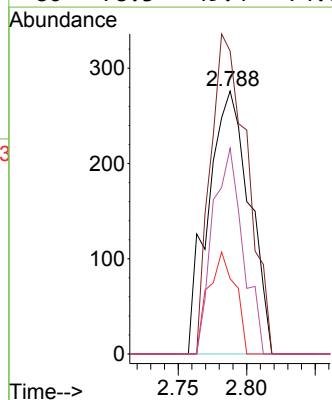
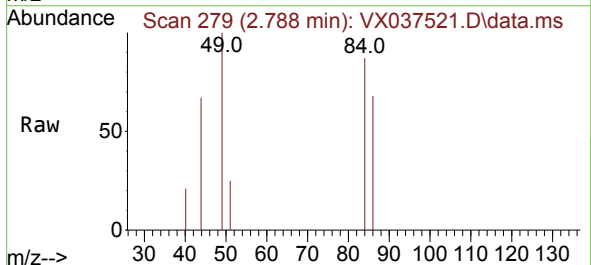
Instrument :
MSVOA_X
ClientSampleId :

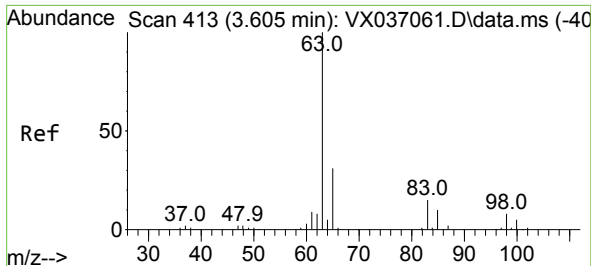
Tgt Ion: 73 Resp: 1948
Ion Ratio Lower Upper
73 100
57 18.9 17.3 25.9



#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

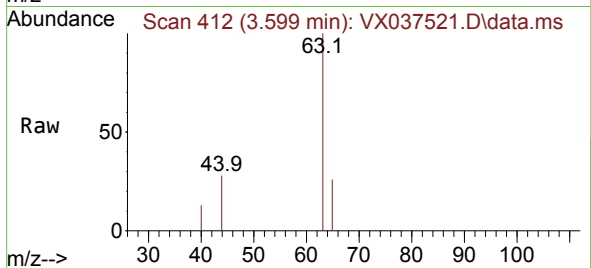
Tgt Ion: 84 Resp: 579
Ion Ratio Lower Upper
84 100
49 115.2 103.6 155.4
51 28.6 33.8 50.6#
86 78.3 49.4 74.0#



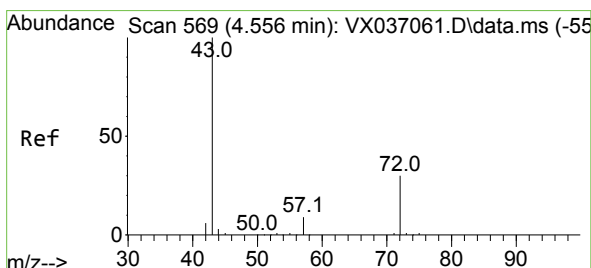
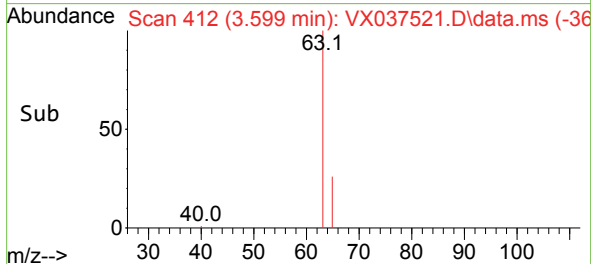
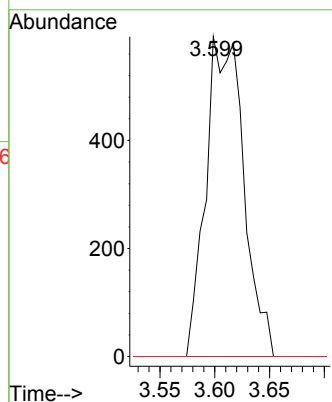


#24
1,1-Dichloroethane
Concen: 0.551 ug/l
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

Instrument :
MSVOA_X
ClientSampleId :

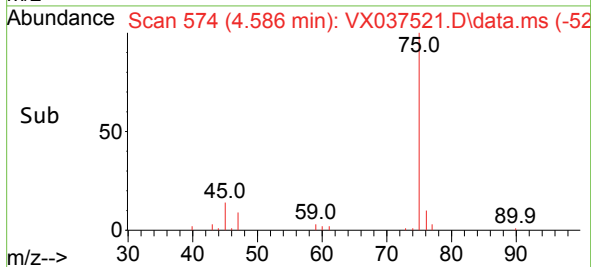
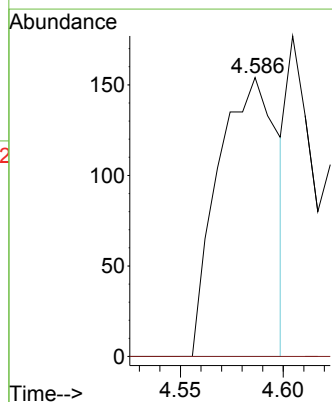
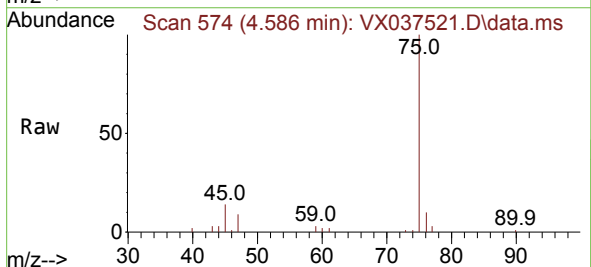


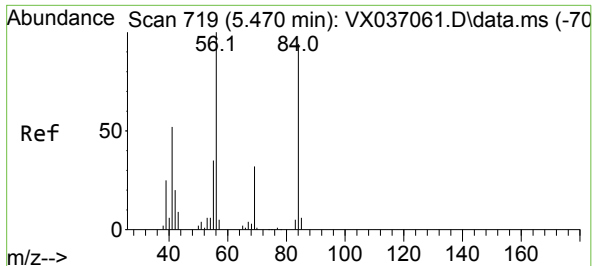
Tgt Ion: 63 Resp: 1415
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 0.292 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

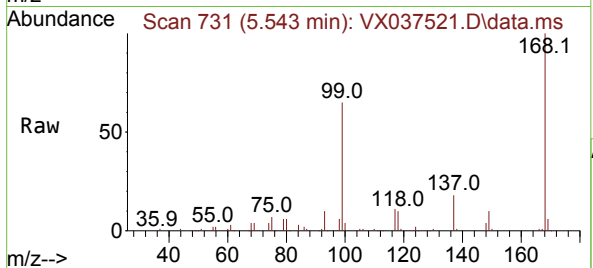
Tgt Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



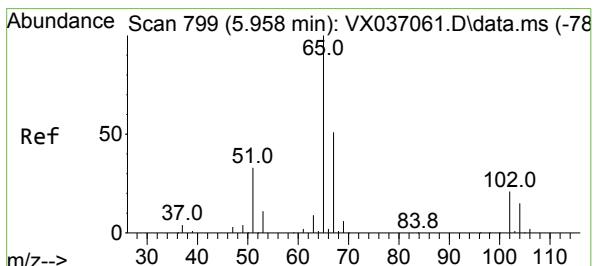
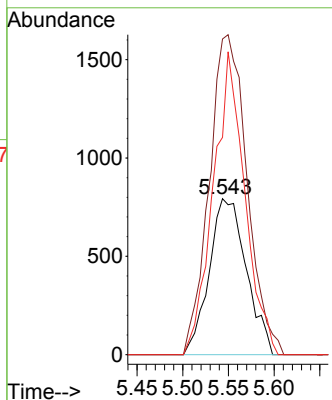
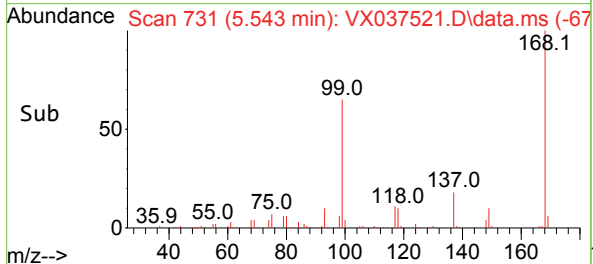


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

Instrument :
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ClientSampleId :

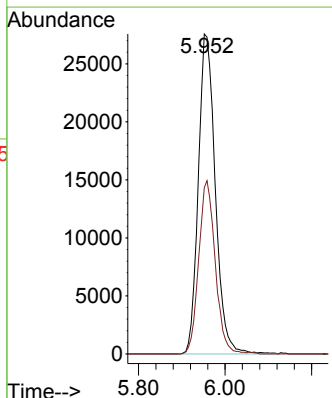
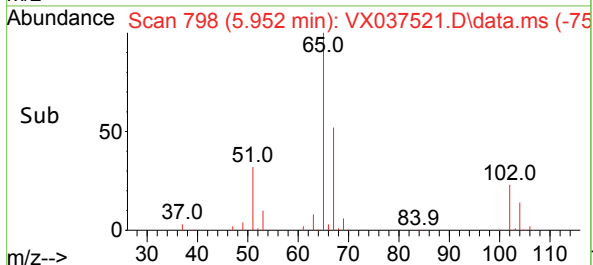
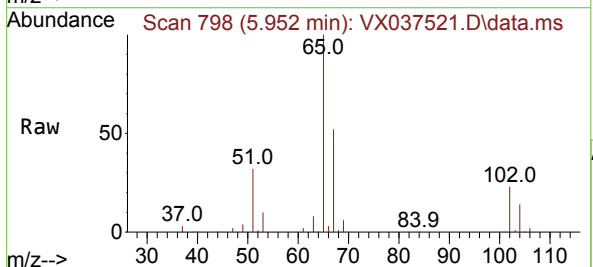


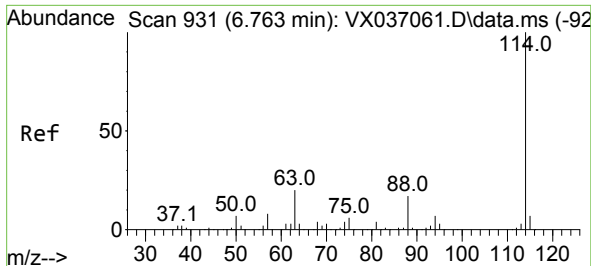
Tgt Ion: 56 Resp: 2241
Ion Ratio Lower Upper
56 100
69 202.4 23.4 35.2#
84 139.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.596 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

Tgt Ion: 65 Resp: 75086
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

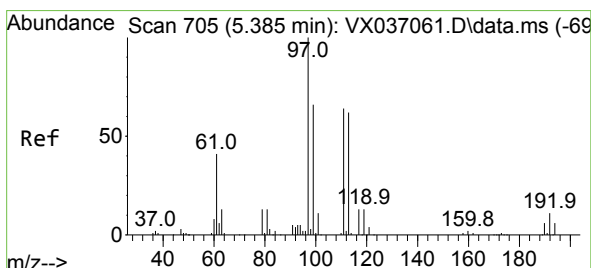
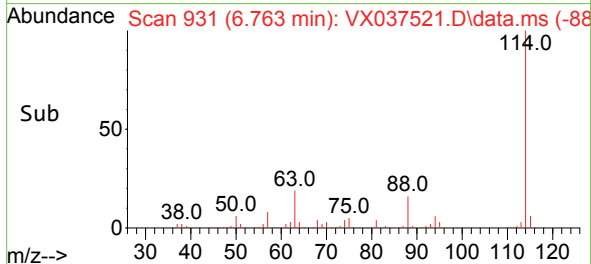
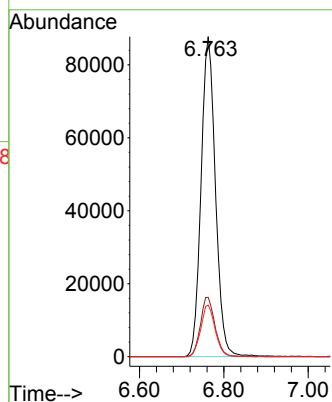
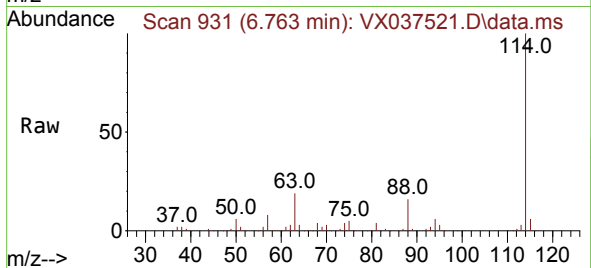




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

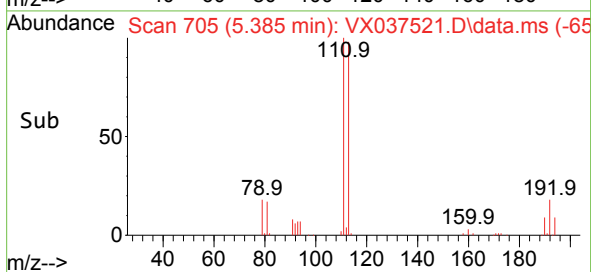
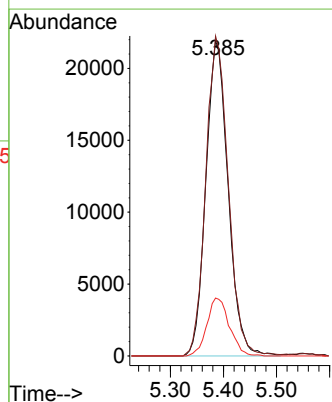
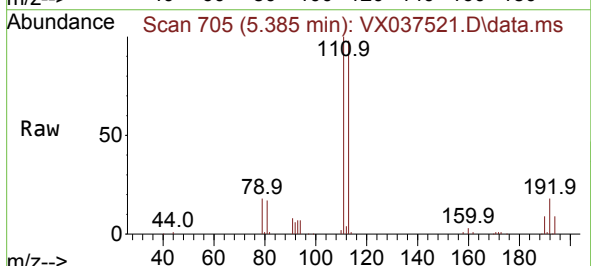
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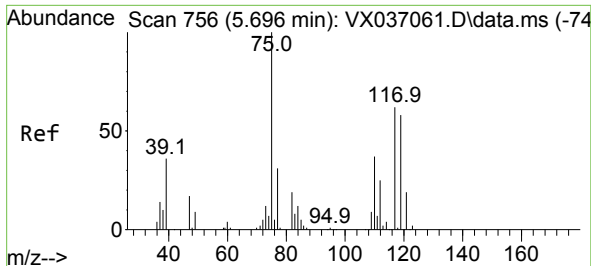
Tgt Ion:114 Resp: 208338
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.254 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

Tgt Ion:113 Resp: 63820
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.6 13.3 19.9

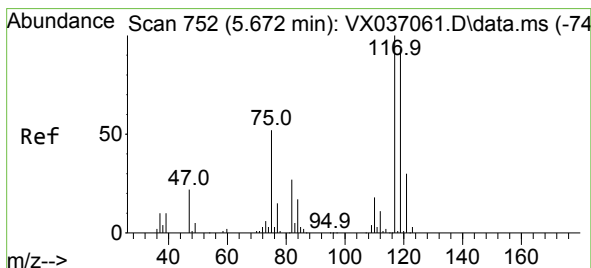
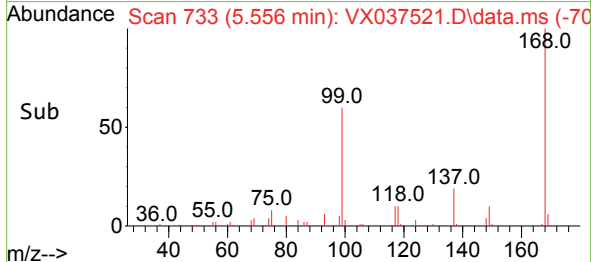
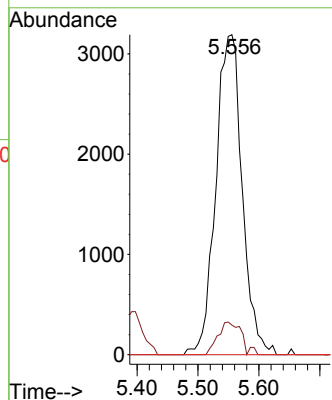
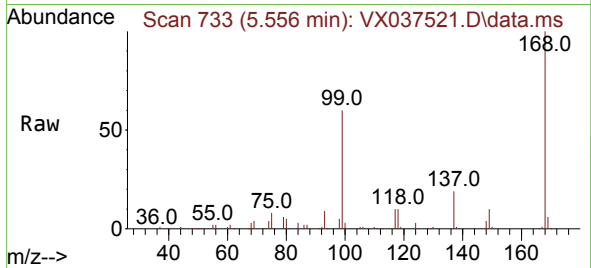




#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

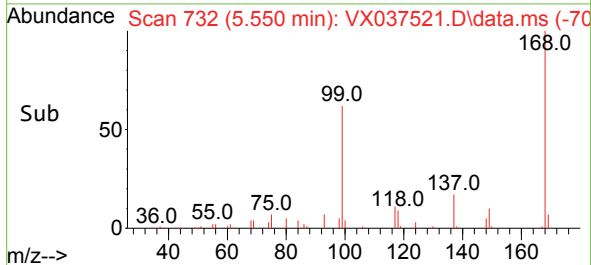
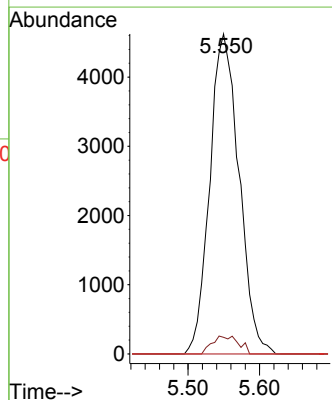
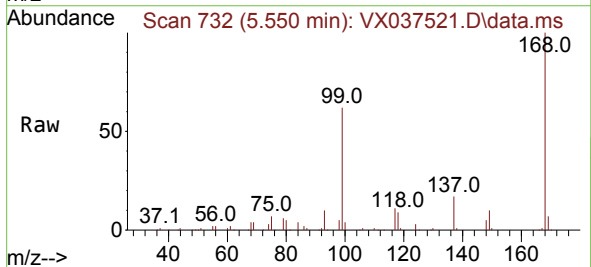
Instrument :
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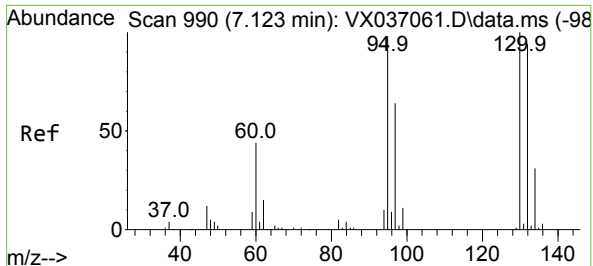
Tgt Ion: 75 Resp: 9595
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.171 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

Tgt Ion: 117 Resp: 13140
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

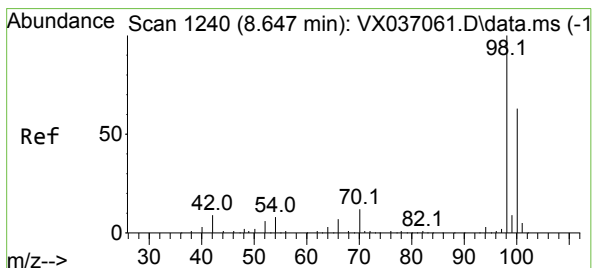
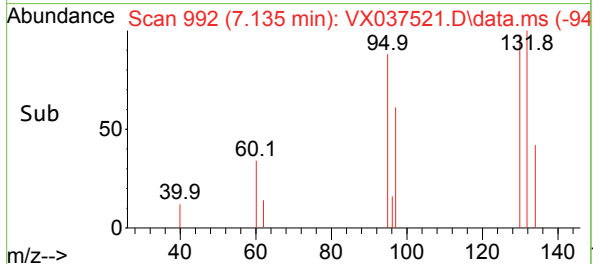
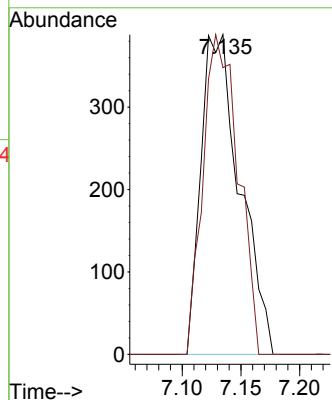
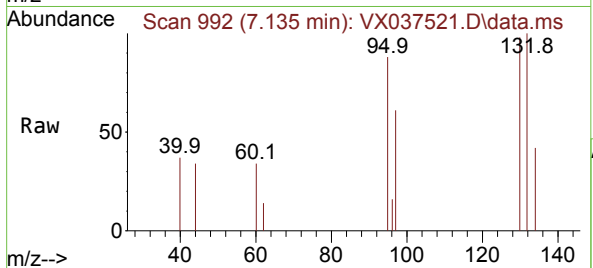




#44
Trichloroethene
Concen: 0.561 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

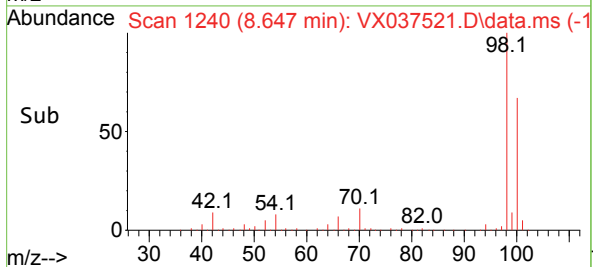
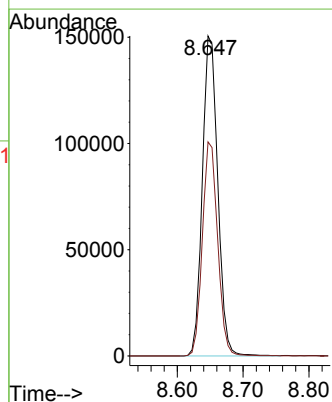
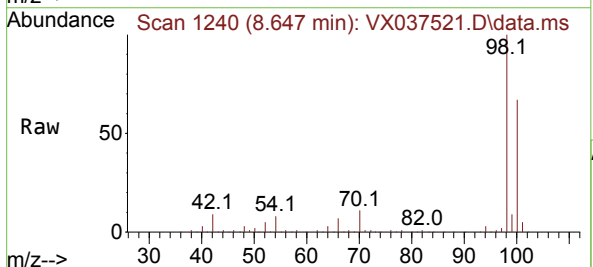
Instrument :
MSVOA_X
ClientSampleId :

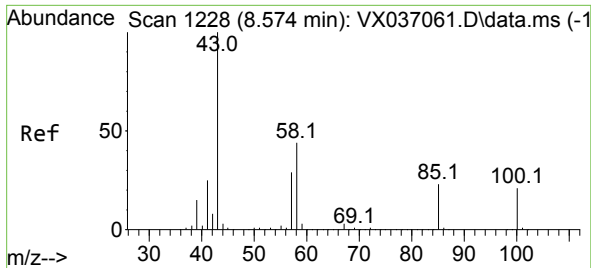
Tgt Ion:130 Resp: 895
Ion Ratio Lower Upper
130 100
95 89.7 0.0 204.4



#50
Toluene-d8
Concen: 49.003 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037521.D
Acq: 05 Sep 2023 18:50

Tgt Ion: 98 Resp: 245259
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

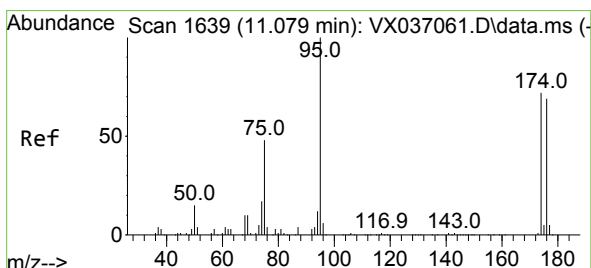
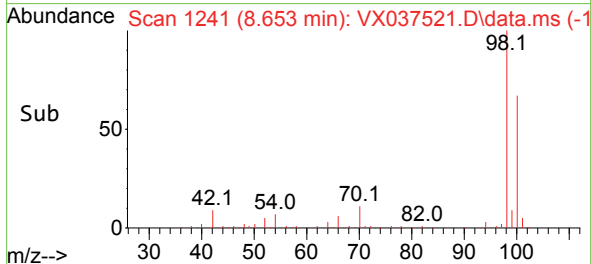
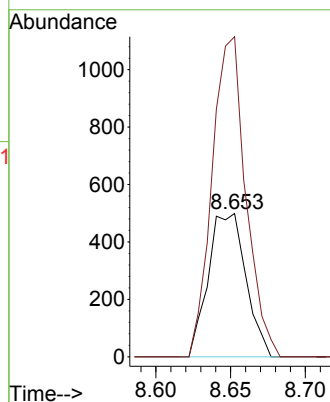
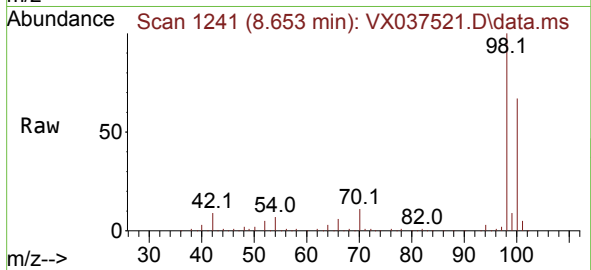




#51
 4-Methyl-2-Pentanone
 Concen: 0.452 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. 0.079 min
 Lab File: VX037521.D
 Acq: 05 Sep 2023 18:50

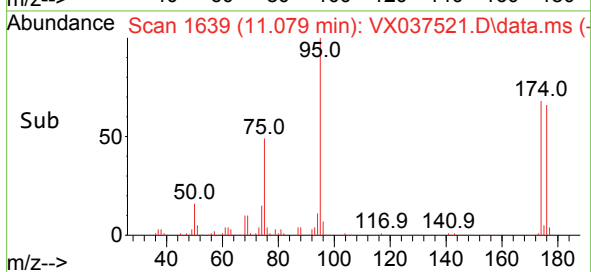
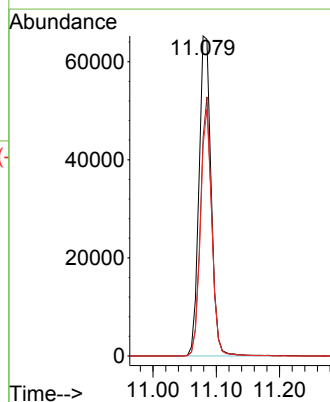
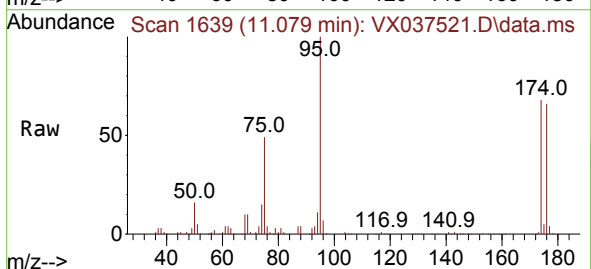
Instrument :
 MSVOA_X
 ClientSampleId :

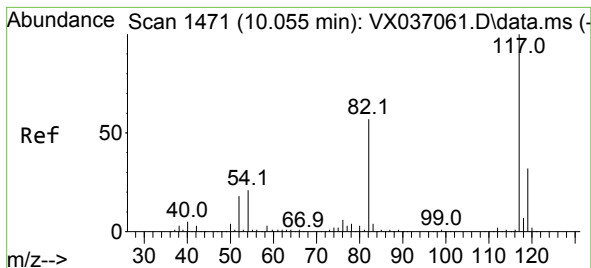
Tgt Ion: 43 Resp: 872
 Ion Ratio Lower Upper
 43 100
 58 200.7 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 44.328 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX037521.D
 Acq: 05 Sep 2023 18:50

Tgt Ion: 95 Resp: 87188
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 135.6
 176 72.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037521.D

Acq: 05 Sep 2023 18:50

Instrument :

MSVOA_X

ClientSampleId :

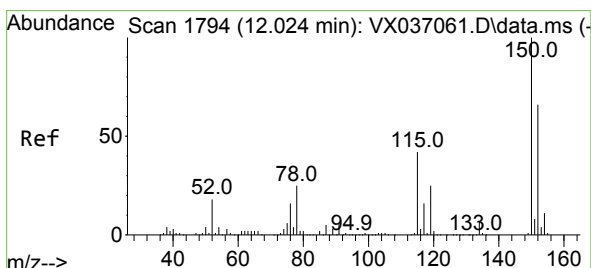
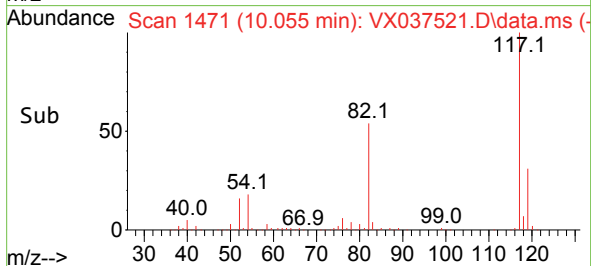
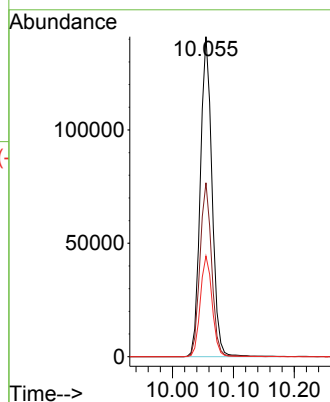
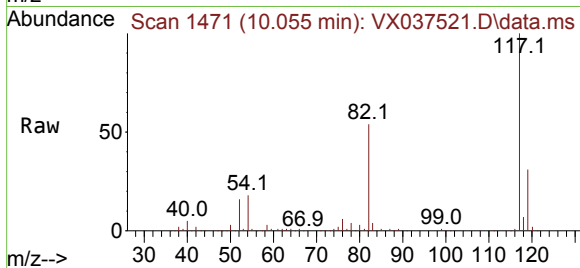
Tgt Ion:117 Resp: 188225

Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 31.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037521.D

Acq: 05 Sep 2023 18:50

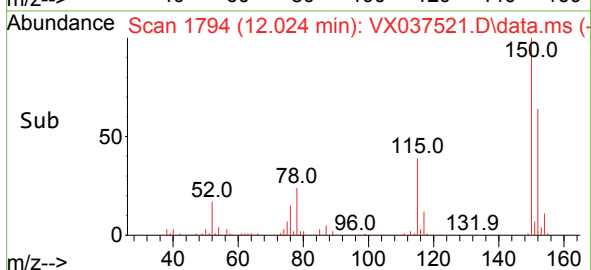
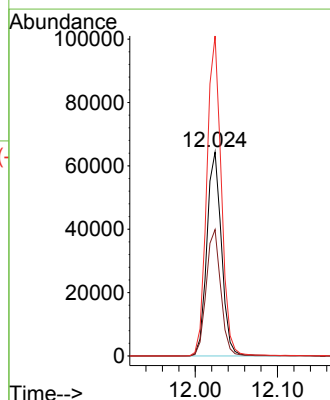
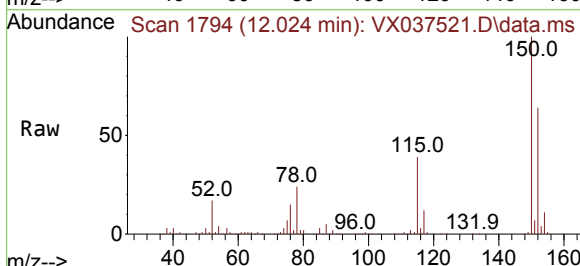
Tgt Ion:152 Resp: 79357

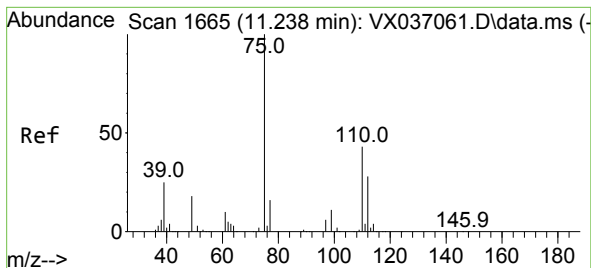
Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.584 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037521.D

Acq: 05 Sep 2023 18:50

Instrument :

MSVOA_X

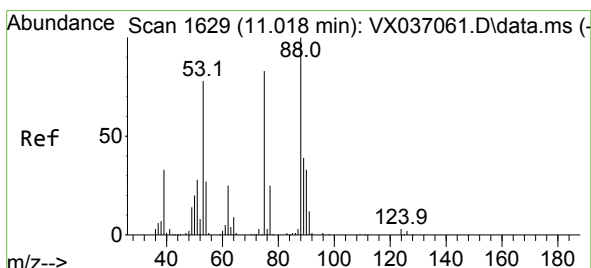
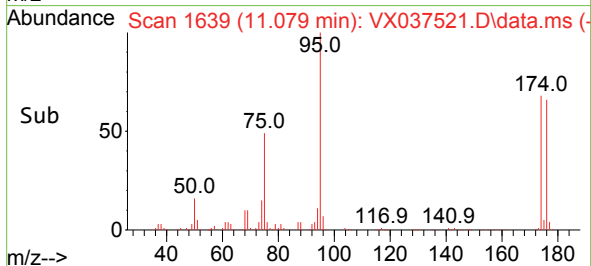
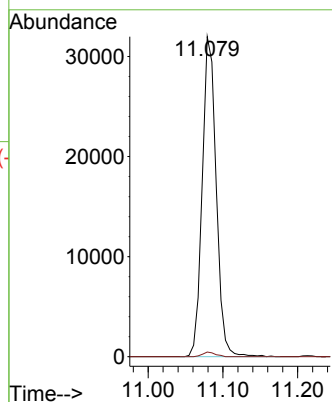
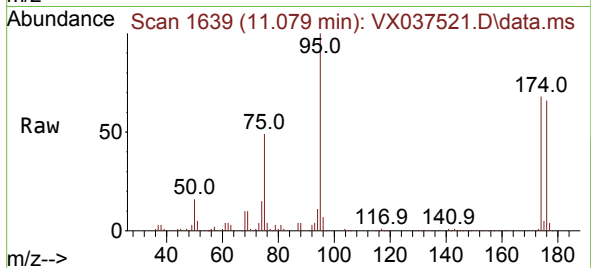
ClientSampleId :

Tgt Ion: 75 Resp: 41548

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.664 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037521.D

Acq: 05 Sep 2023 18:50

Tgt Ion: 75 Resp: 41548

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

