

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038165.D
 Acq On : 09 Oct 2023 12:41
 Operator : JC/MD
 Sample : 04723-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 10 00:54:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

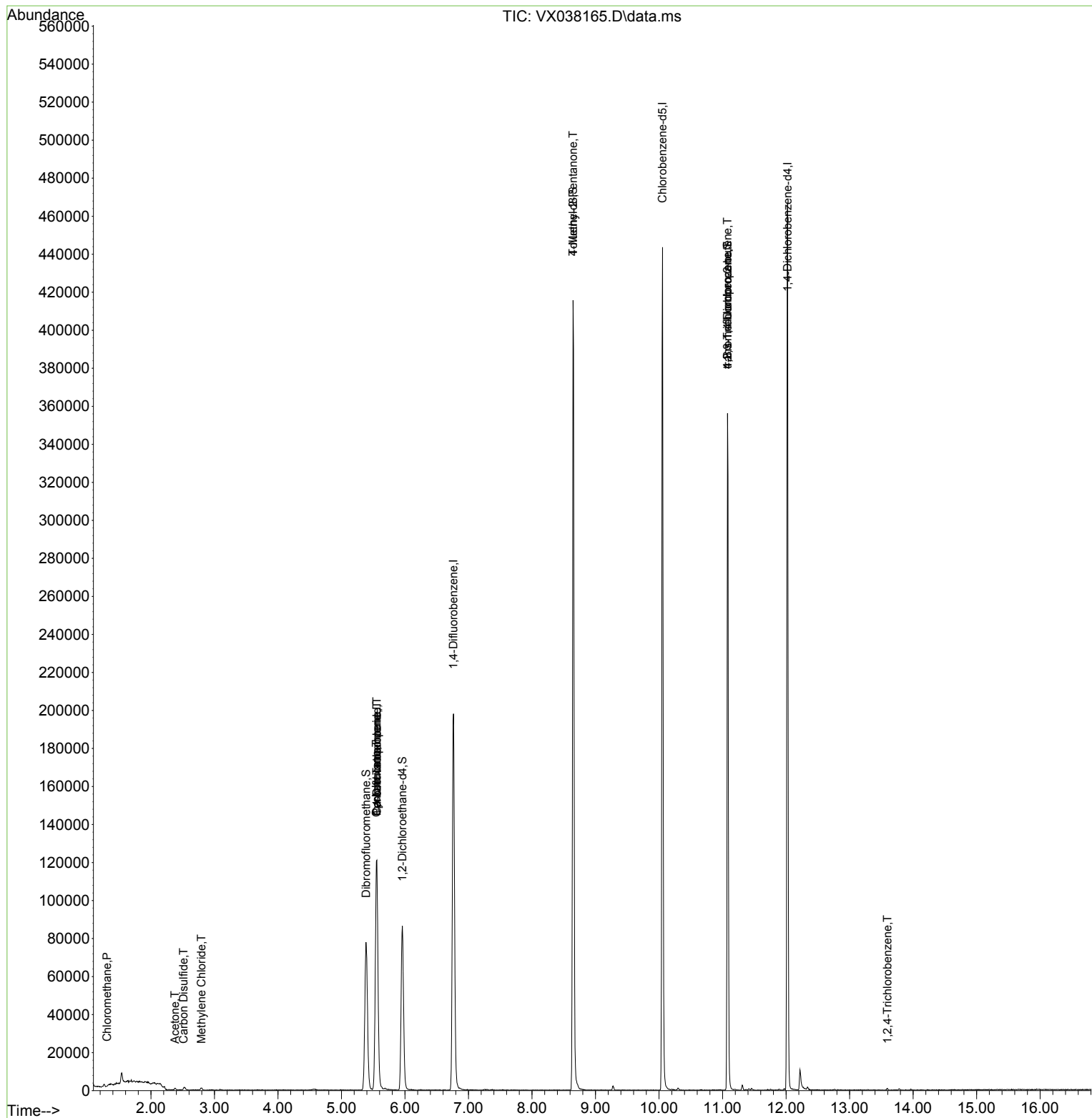
Internal Standards						
1) Pentafluorobenzene	5.556	168	116124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83829	44.882	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.760%
35) Dibromofluoromethane	5.385	113	67760	46.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	254881	45.586	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.180%#
62) 4-Bromofluorobenzene	11.079	95	90830	42.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	337	0.295	ug/l #	86
5) Bromomethane	1.611	94	55	Below Cal	#	3
6) Chloroethane	1.666	64	357	Below Cal	#	71
11) Tert butyl alcohol	2.953	59	181	Below Cal	#	78
16) Acetone	2.380	43	974	1.249	ug/l	97
17) Carbon Disulfide	2.514	76	834	0.272	ug/l #	88
20) Methylene Chloride	2.794	84	710	0.484	ug/l #	66
31) Cyclohexane	5.550	56	2916	1.441	ug/l #	51
36) 1,1-Dichloropropene	5.556	75	9787	4.851	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12166	6.129	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1179	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51836	23.544	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51836	67.235	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	465	0.226	ug/l #	62

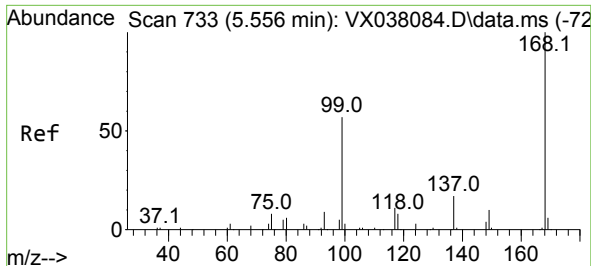
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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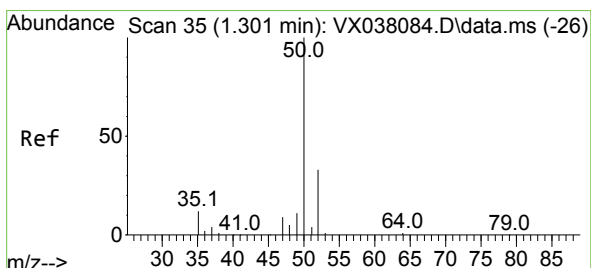
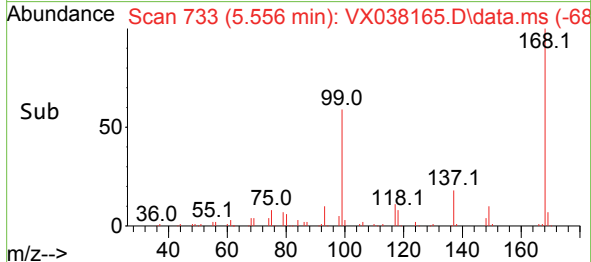
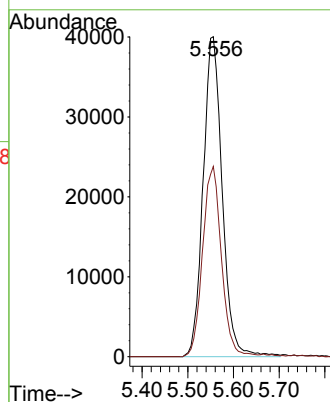
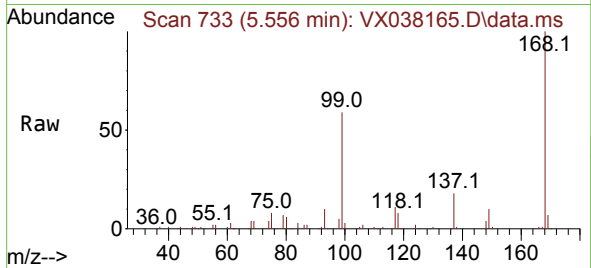




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

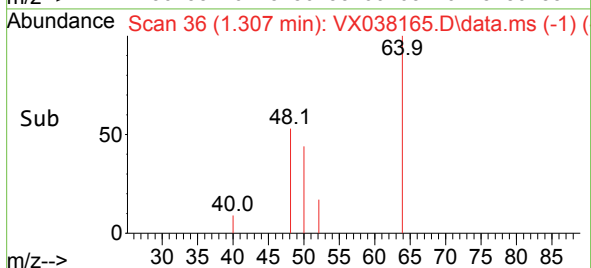
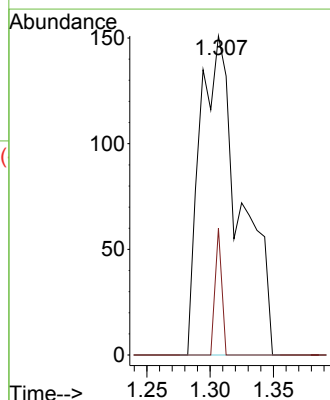
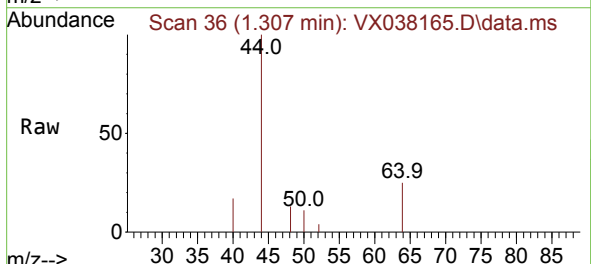
Instrument :
MSVOA_X
ClientSampleId :
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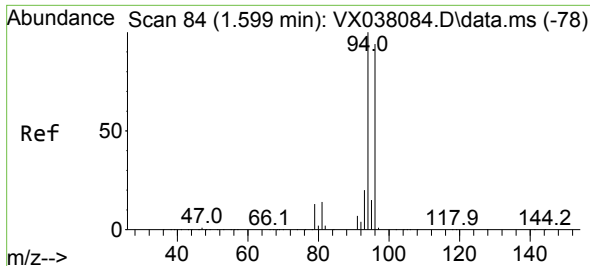
Tgt Ion:168 Resp: 116124
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#3
Chloromethane
Concen: 0.295 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion: 50 Resp: 337
Ion Ratio Lower Upper
50 100
52 39.7 25.5 38.3#

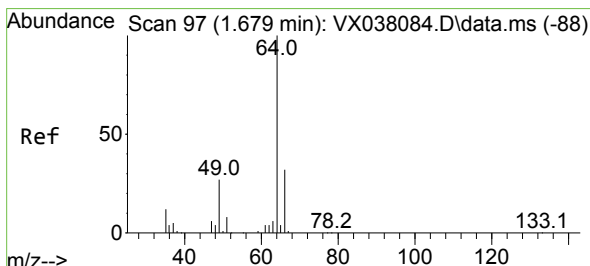
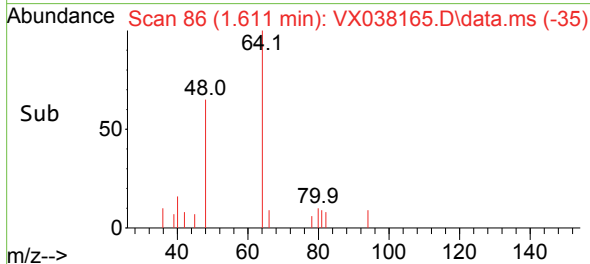
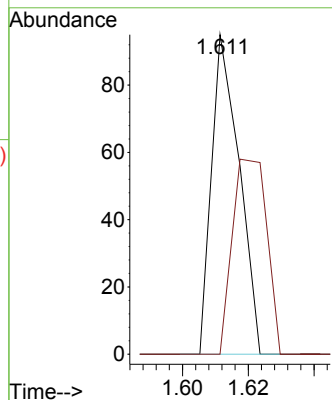
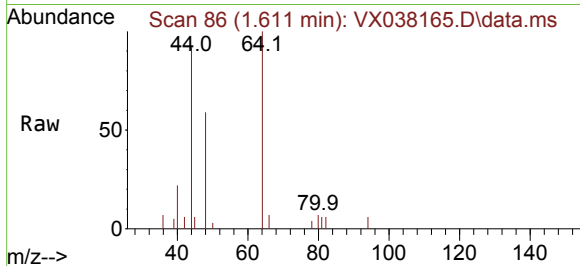




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

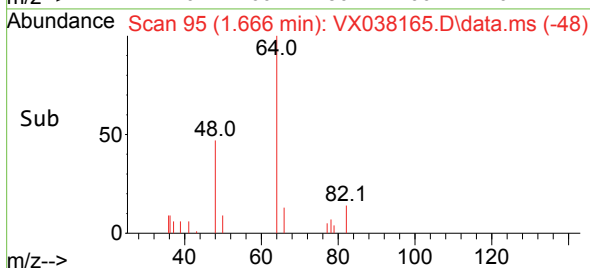
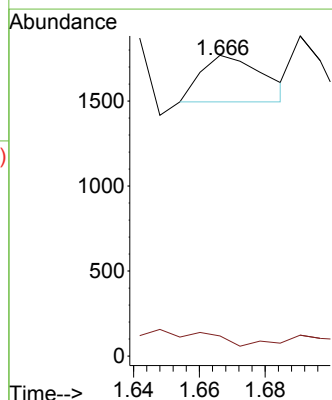
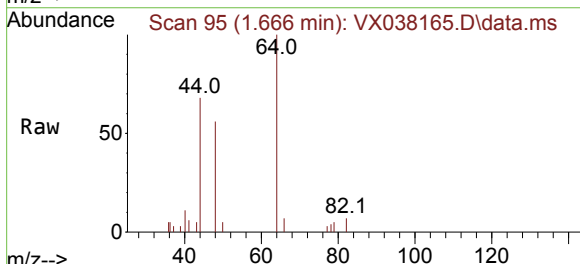
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

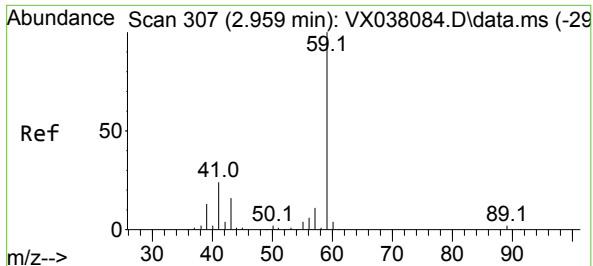
Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion: 64 Resp: 357
Ion Ratio Lower Upper
64 100
66 15.3 25.1 37.7#

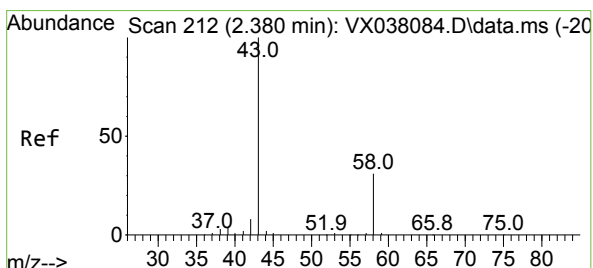
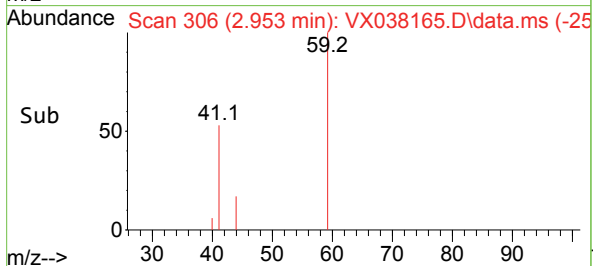
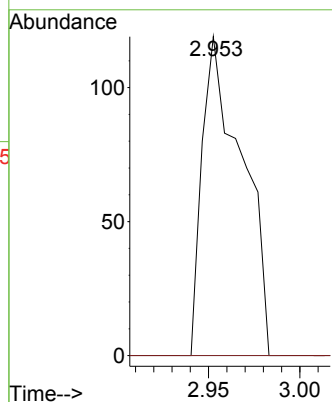
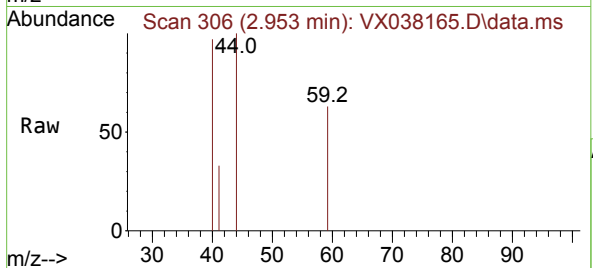




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

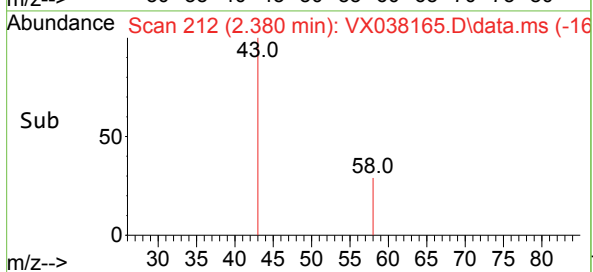
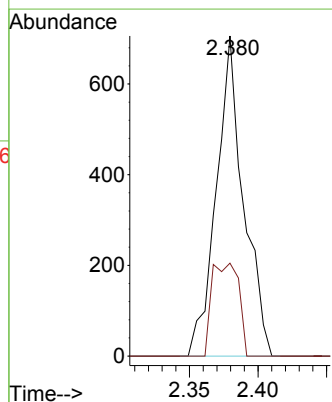
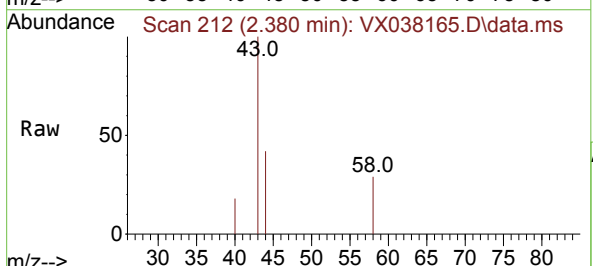
Instrument :
MSVOA_X
ClientSampleId :
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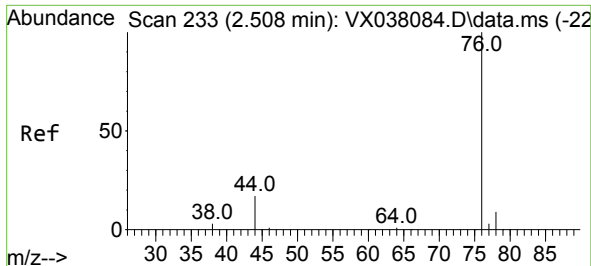
Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.249 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





#17

Carbon Disulfide

Concen: 0.272 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038165.D

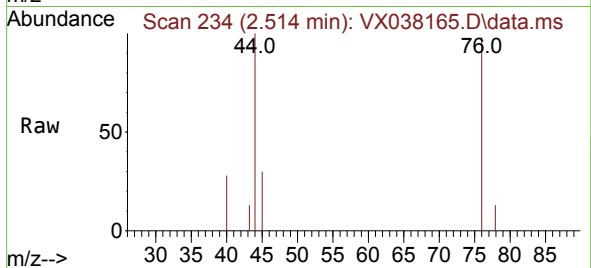
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Instrument :

MSVOA_X

ClientSampleId :

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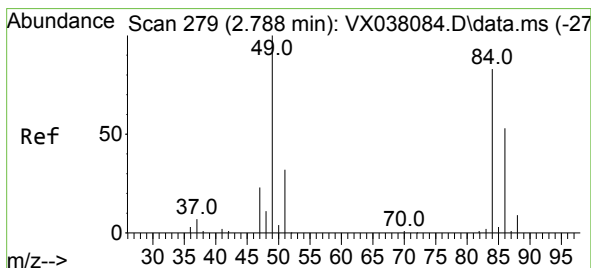
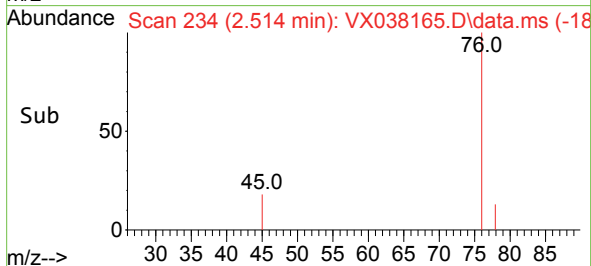
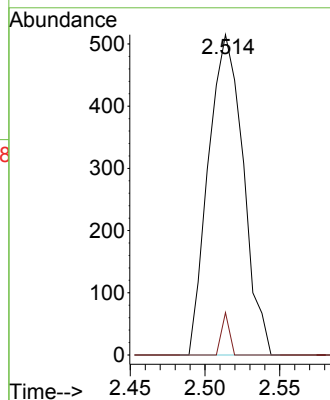


Tgt Ion: 76 Resp: 834

Ion Ratio Lower Upper

76 100

78 13.2 7.0 10.6#



#20

Methylene Chloride

Concen: 0.484 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038165.D

Acq: 09 Oct 2023 12:41

Tgt Ion: 84 Resp: 710

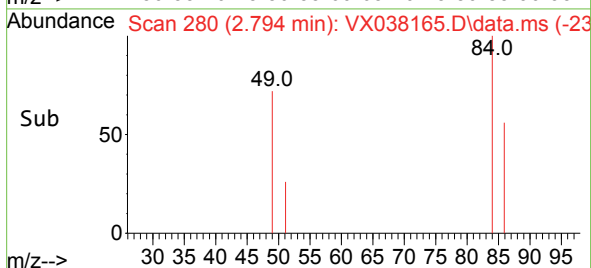
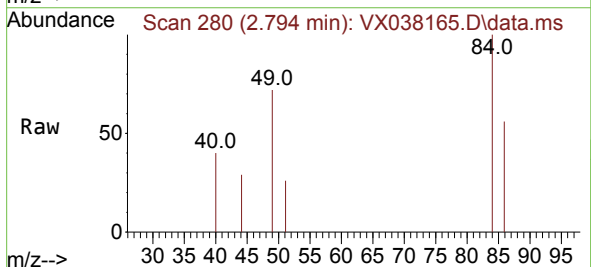
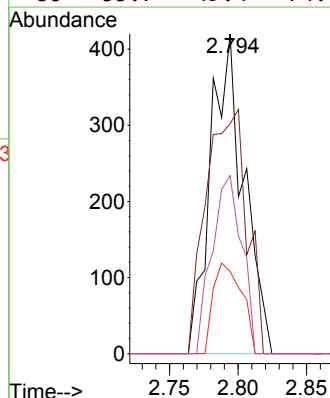
Ion Ratio Lower Upper

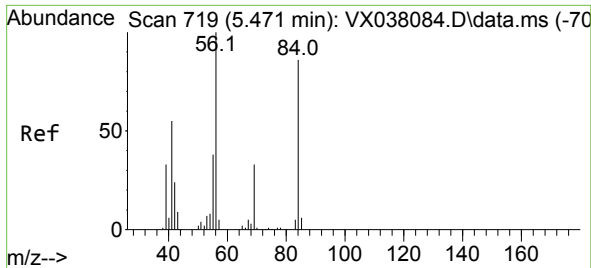
84 100

49 71.9 103.6 155.4#

51 25.7 33.8 50.6#

86 55.7 49.4 74.0

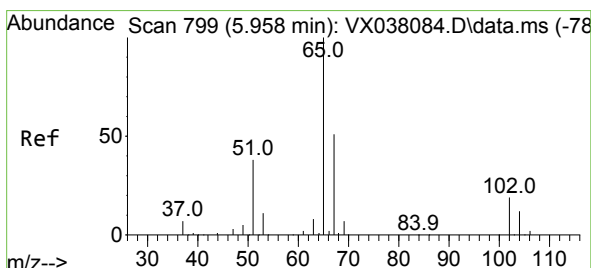
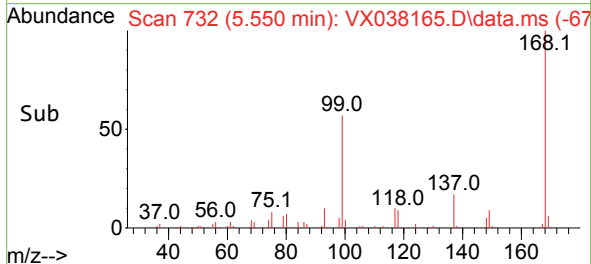
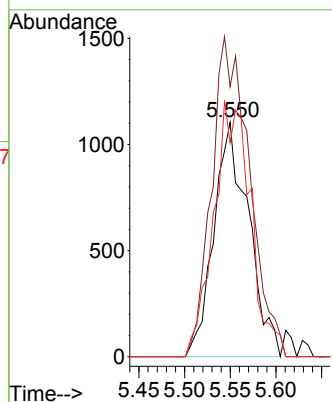
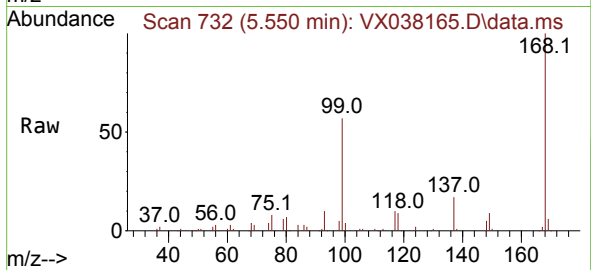




#31
Cyclohexane
Concen: 1.441 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

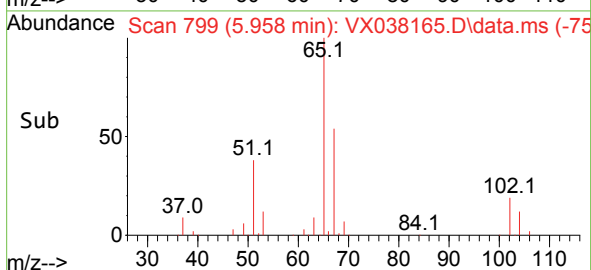
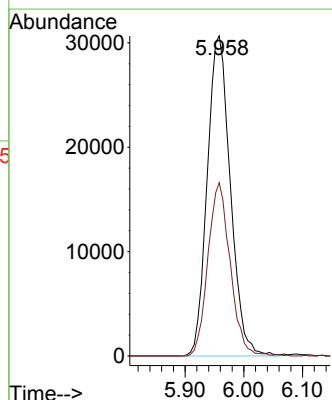
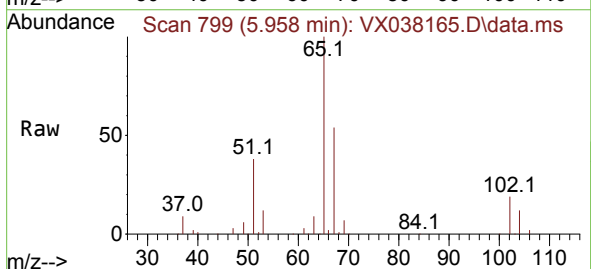
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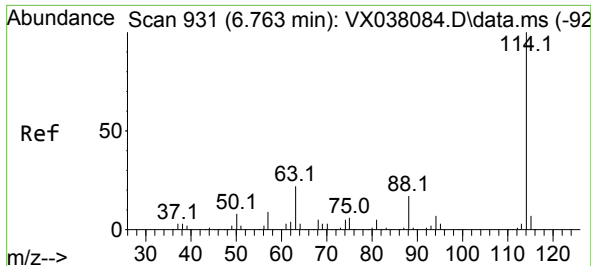
Tgt Ion: 56 Resp: 2916
Ion Ratio Lower Upper
56 100
69 115.2 23.4 35.2#
84 91.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 44.882 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion: 65 Resp: 83829
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

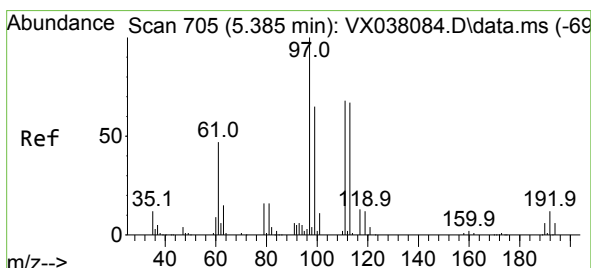
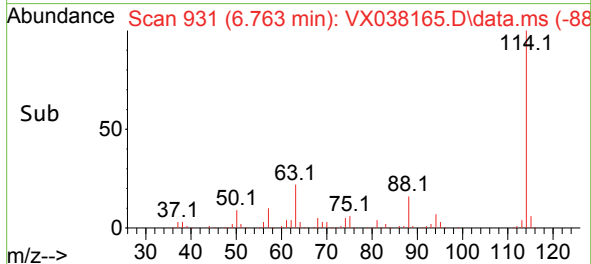
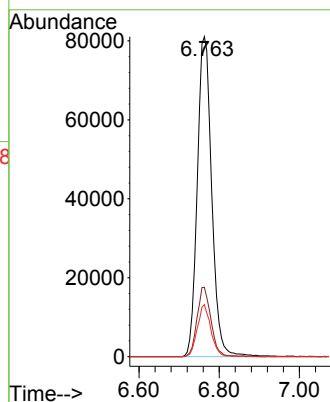
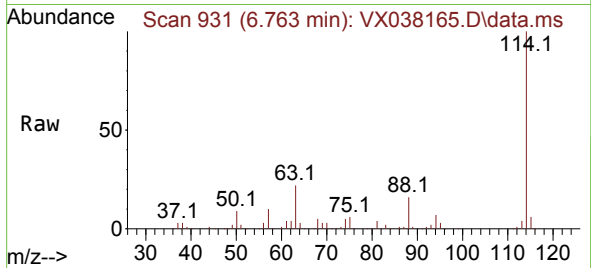




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

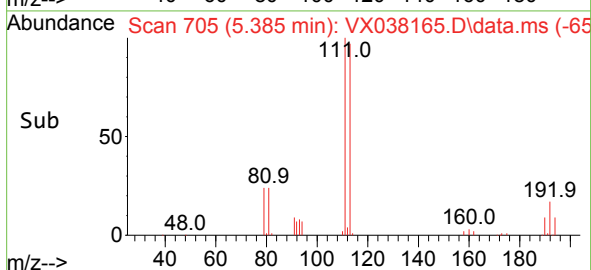
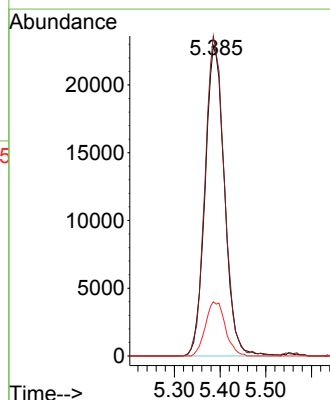
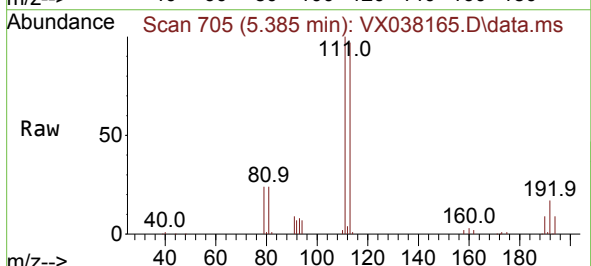
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MSVOA_X
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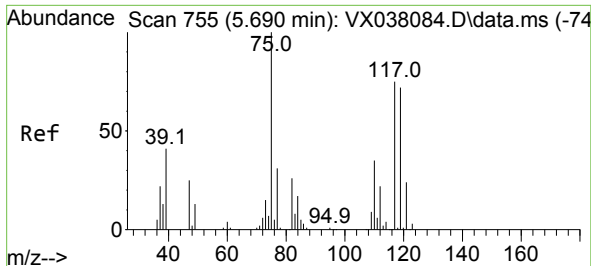
Tgt Ion:114 Resp: 203062
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.310 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion:113 Resp: 67760
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.8 13.3 19.9

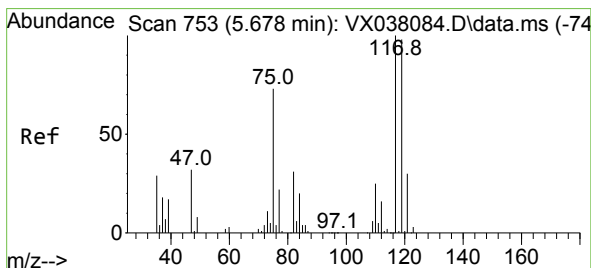
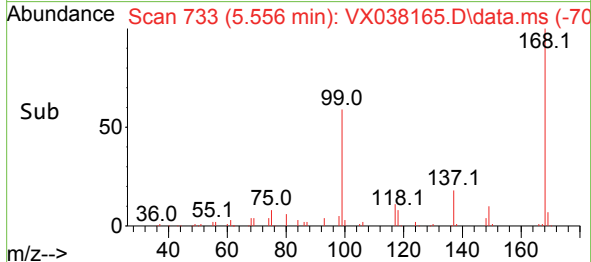
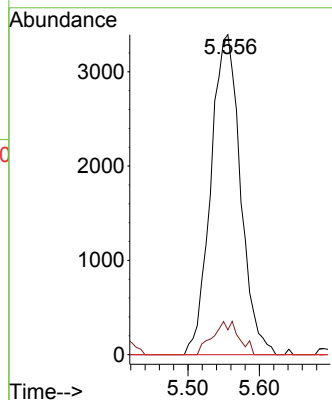
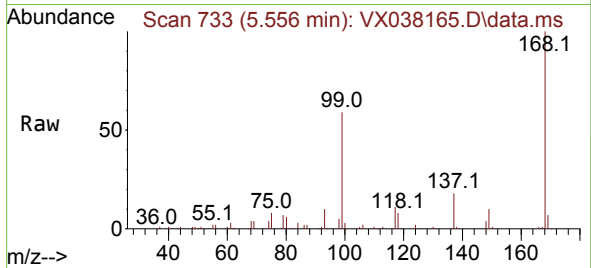




#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

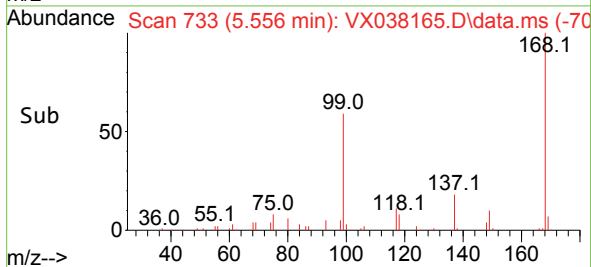
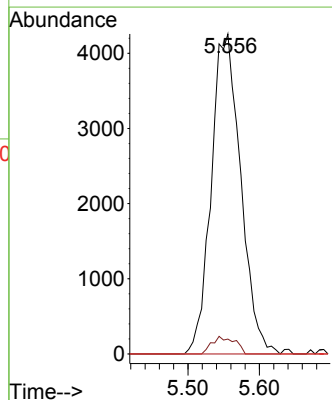
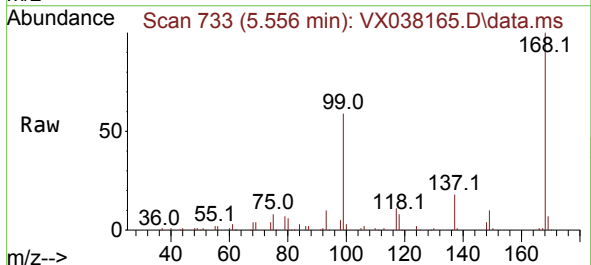
Instrument :
MSVOA_X
ClientSampleId :
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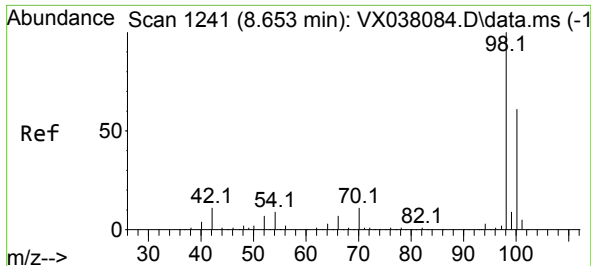
Tgt Ion: 75 Resp: 9787
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.129 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion: 117 Resp: 12166
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

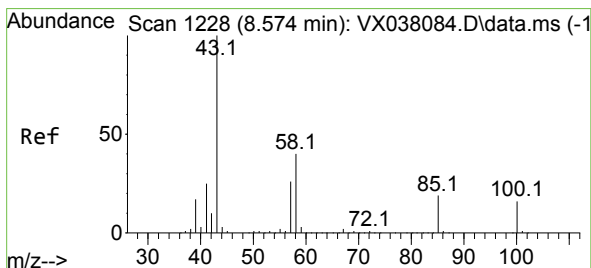
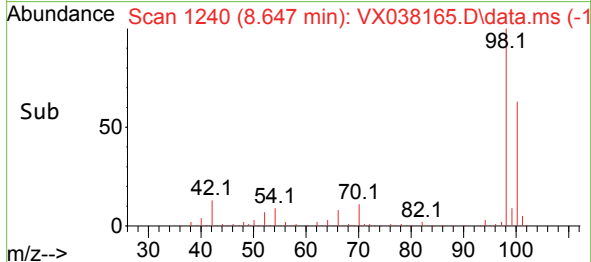
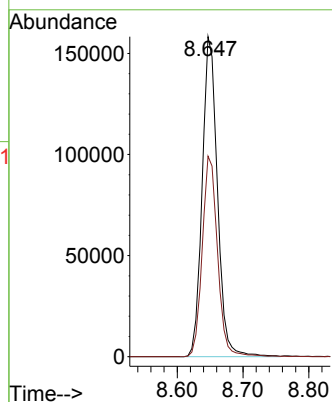
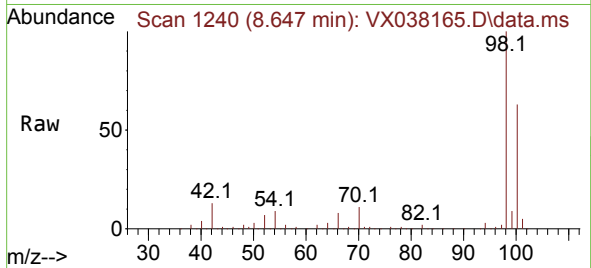




#50
Toluene-d8
Concen: 45.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

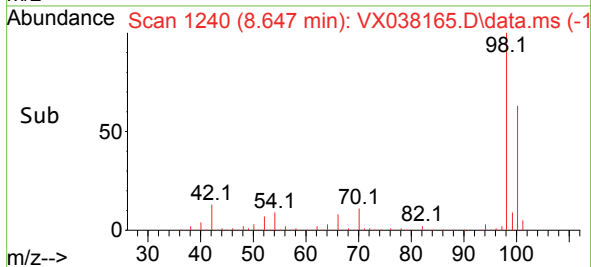
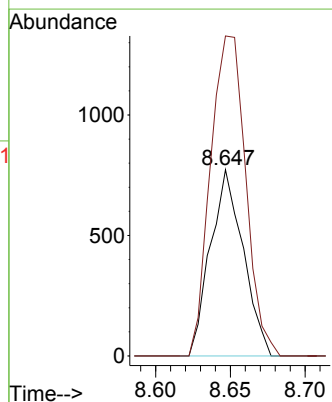
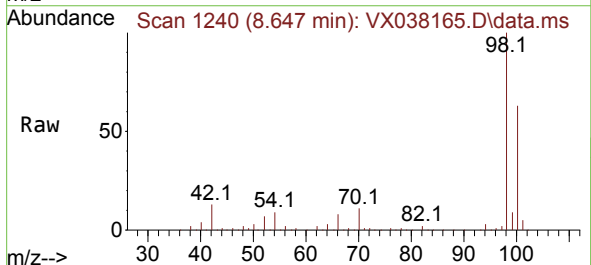
Instrument :
MSVOA_X
ClientSampleId :
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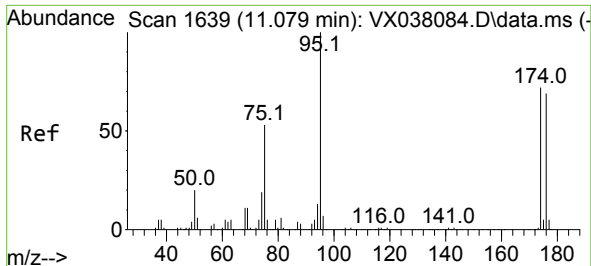
Tgt Ion: 98 Resp: 254881
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 184.5 30.4 45.6#

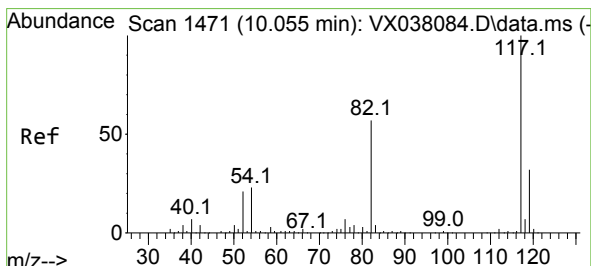
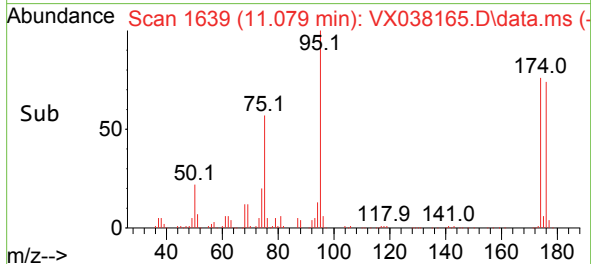
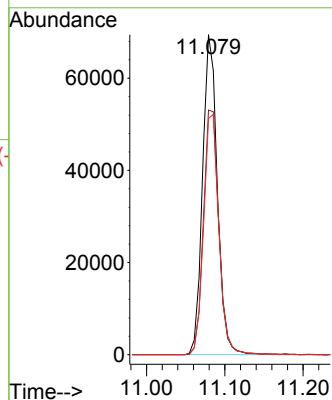
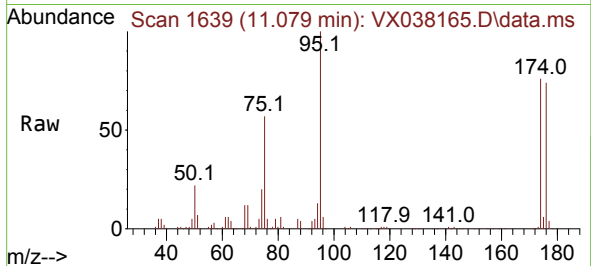




#62
4-Bromofluorobenzene
Concen: 42.851 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

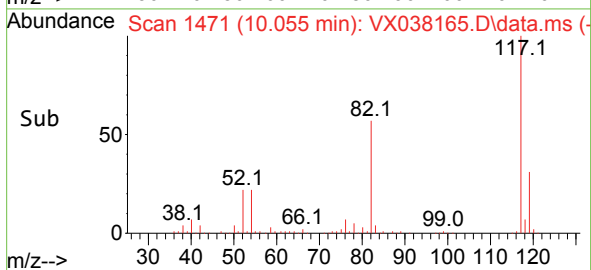
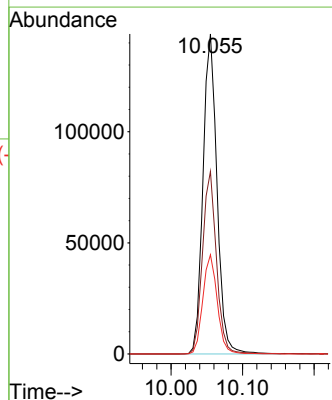
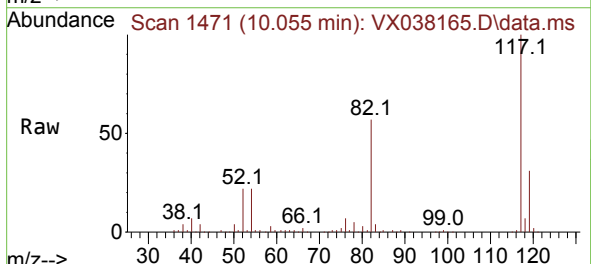
Instrument :
MSVOA_X
ClientSampleId :
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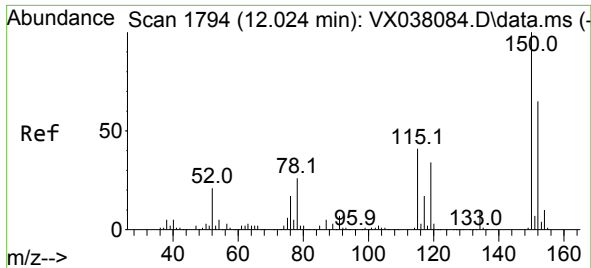
Tgt Ion: 95 Resp: 90830
Ion Ratio Lower Upper
95 100
174 80.0 0.0 135.6
176 77.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion: 117 Resp: 196091
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.0 25.5 38.3

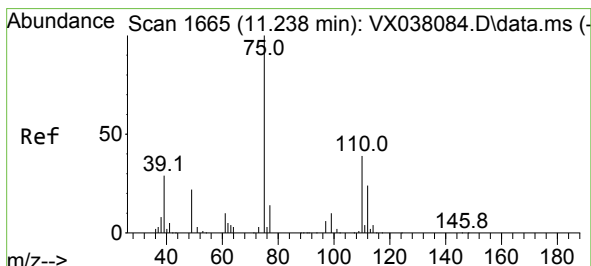
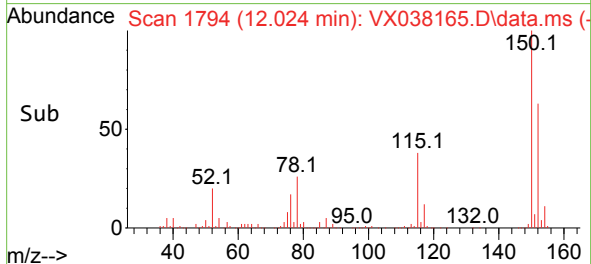
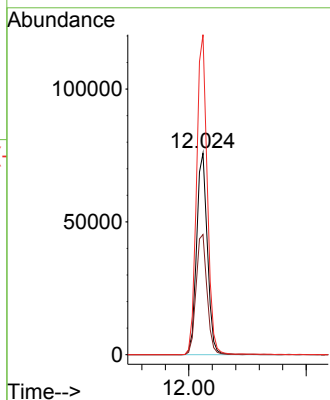
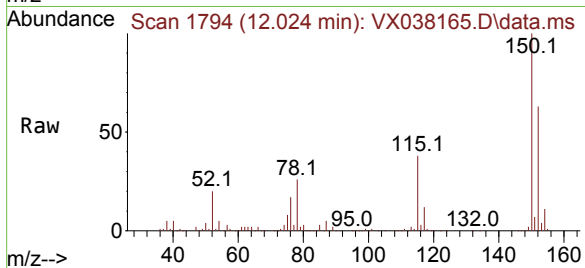




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038165.D
 Acq: 09 Oct 2023 12:41

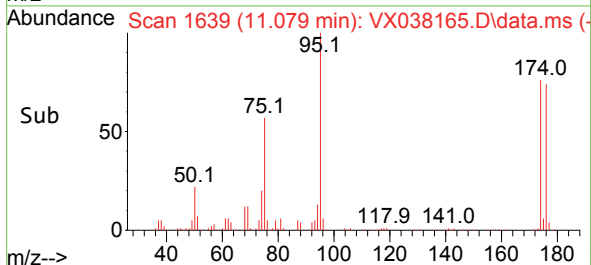
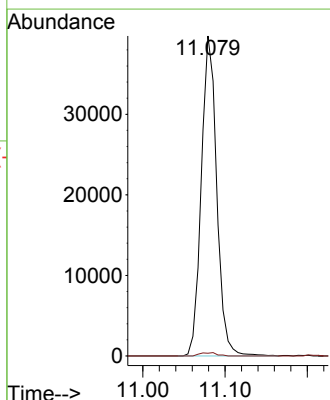
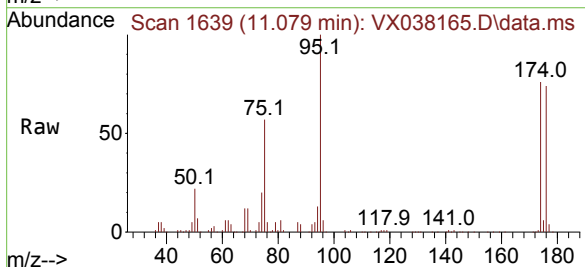
Instrument :
 MSVOA_X
 ClientSampleId :
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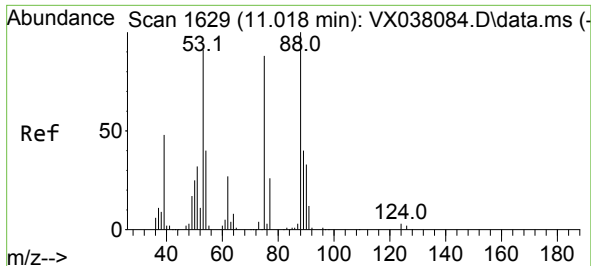
Tgt Ion:152 Resp: 96846
 Ion Ratio Lower Upper
 152 100
 115 60.7 43.3 129.9
 150 157.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.544 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038165.D
 Acq: 09 Oct 2023 12:41

Tgt Ion: 75 Resp: 51836
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

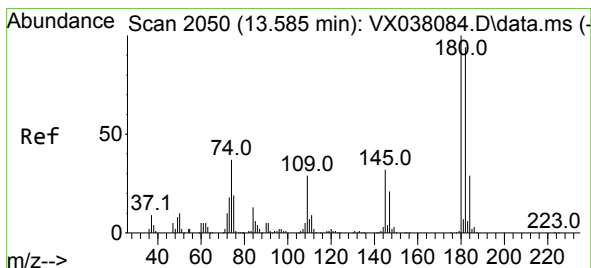
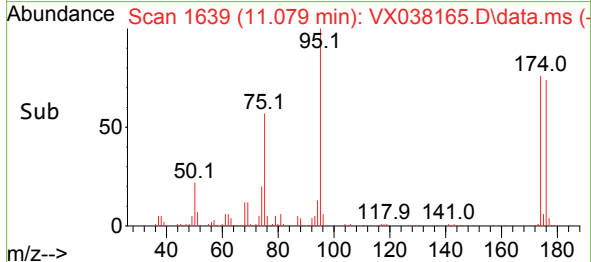
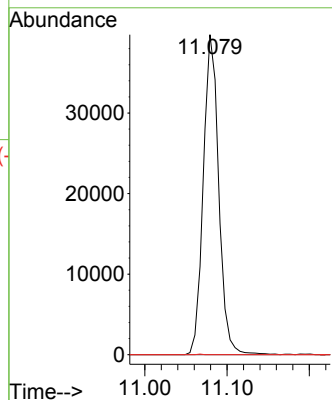
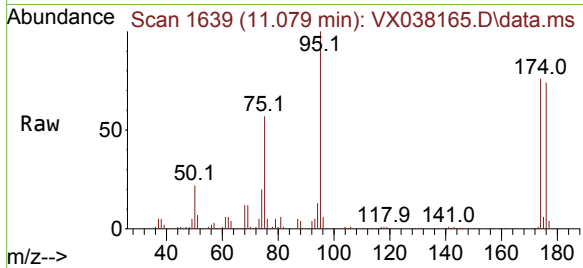




#81
trans-1,4-Dichloro-2-butene
Concen: 67.235 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 51836
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX038165.D
Acq: 09 Oct 2023 12:41

Tgt Ion:180 Resp: 465
Ion Ratio Lower Upper
180 100
182 64.5 48.3 144.8
145 4.5 18.0 54.0#

