

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038777.D
 Acq On : 13 Nov 2023 13:36
 Operator : JC/MD
 Sample : 05358-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

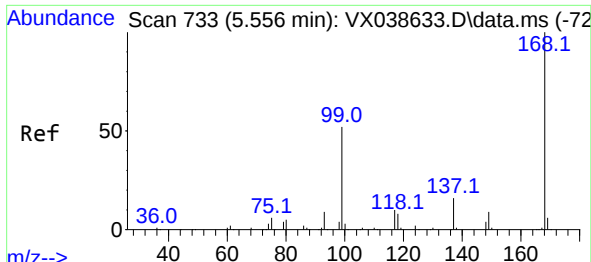
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20231108DL

Quant Time: Nov 14 05:31:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	282931	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	471364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	290182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164719	46.763	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.520%
35) Dibromofluoromethane	5.385	113	152254	44.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.700%
50) Toluene-d8	8.647	98	556358	45.797	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.600%#
62) 4-Bromofluorobenzene	11.079	95	245583	52.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	629	0.214	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	5573	2.022	ug/l	87
11) Tert butyl alcohol	2.941	59	2864	3.977	ug/l	# 78
12) 1,1-Dichloroethene	2.325	96	1171	0.443	ug/l	# 73
16) Acetone	2.380	43	579	0.390	ug/l	# 85
20) Methylene Chloride	2.788	84	1515	0.507	ug/l	# 67
27) cis-1,2-Dichloroethene	4.489	96	1209	0.364	ug/l	76
30) Chloroform	5.093	83	1287	0.233	ug/l	98
31) Cyclohexane	5.544	56	4579	1.175	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18229	4.323	ug/l	# 52
44) Trichloroethene	7.123	130	126781	33.546	ug/l	90
49) 1,4-Dioxane	7.684	88	201	2.768	ug/l	# 92
51) 4-Methyl-2-Pentanone	8.647	43	1950	0.452	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	118298	20.584	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	118298	62.710	ug/l	# 5

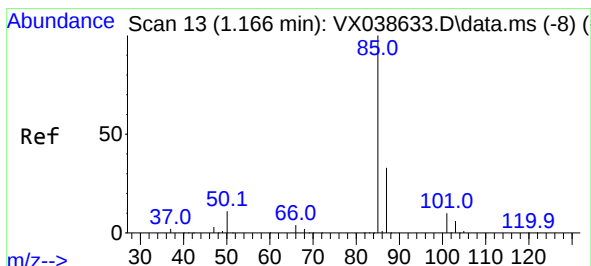
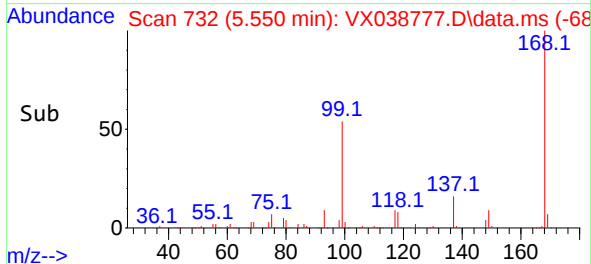
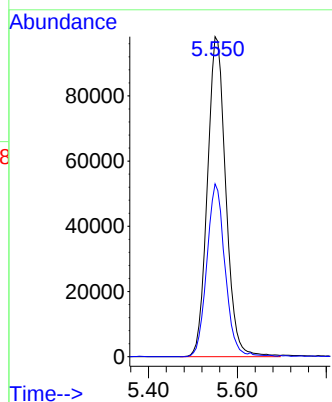
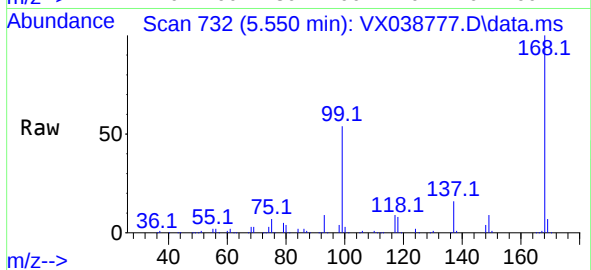
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

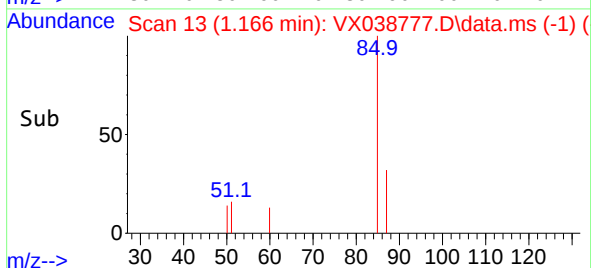
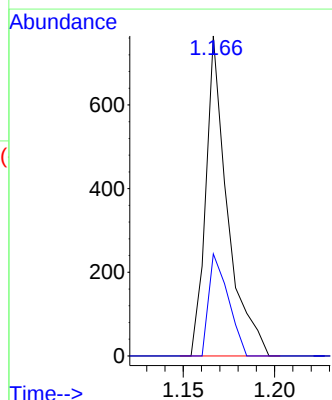
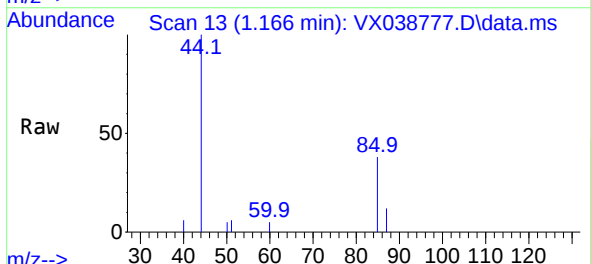
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL

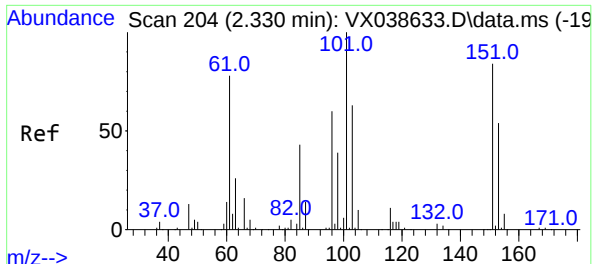
Tgt Ion:168 Resp: 282931
Ion Ratio Lower Upper
168 100
99 54.0 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.214 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Tgt Ion: 85 Resp: 629
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1

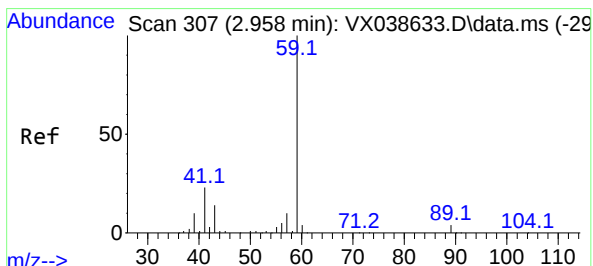
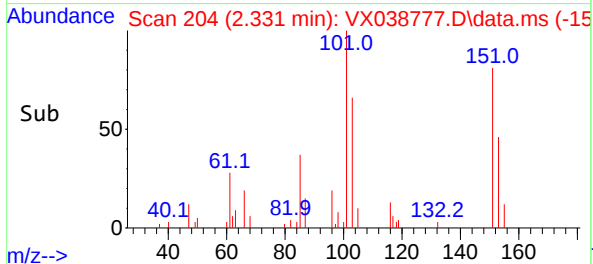
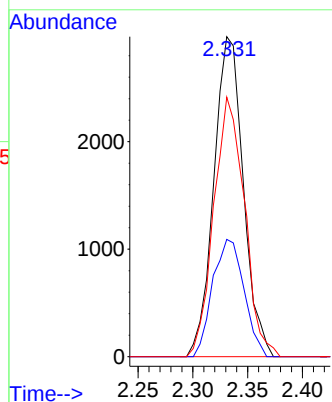
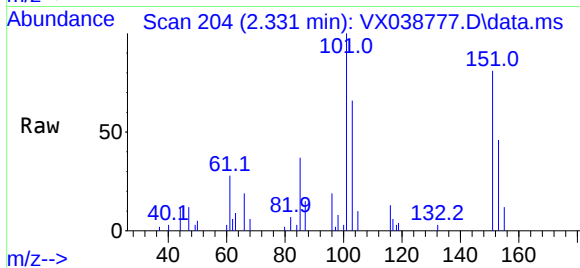




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.022 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

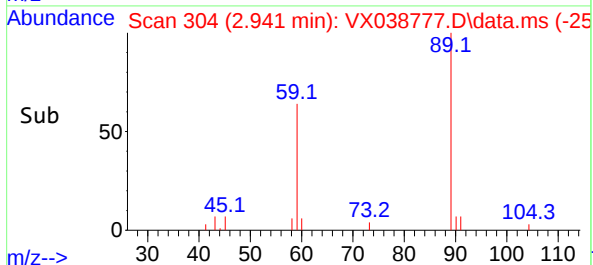
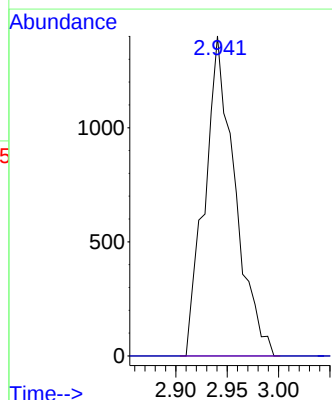
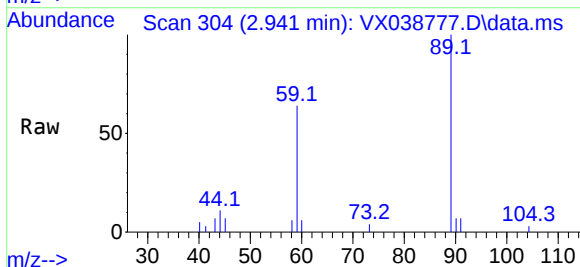
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL

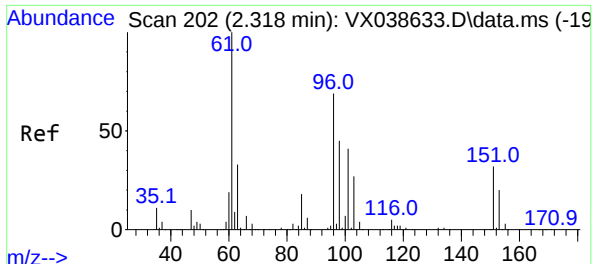
Tgt Ion:101 Resp: 5573
Ion Ratio Lower Upper
101 100
85 38.9 37.0 55.6
151 84.5 58.6 87.8



#11
Tert butyl alcohol
Concen: 3.977 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

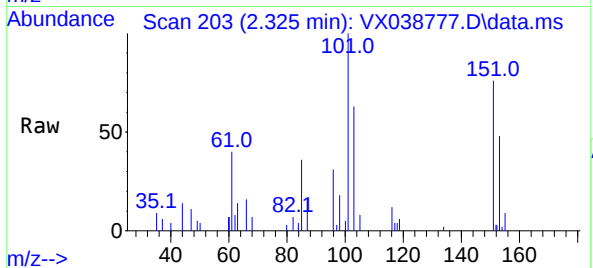
Tgt Ion: 59 Resp: 2864
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



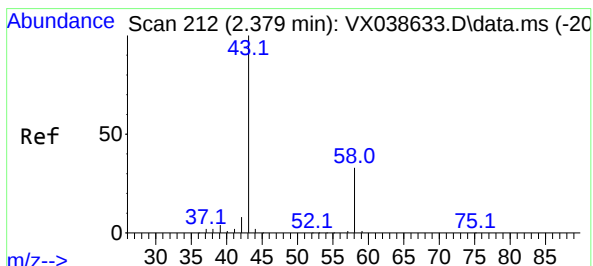
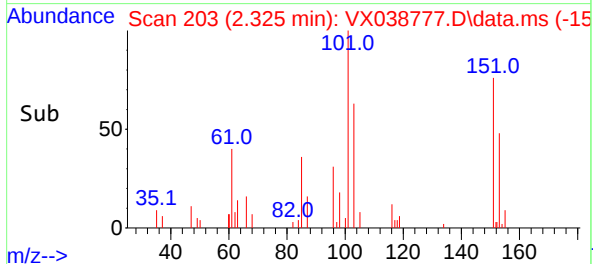
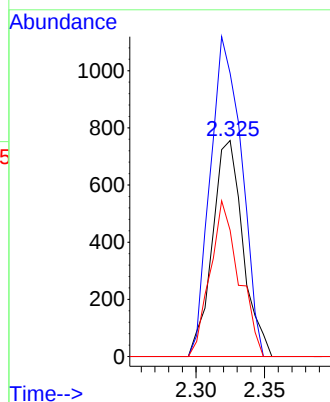


#12
1,1-Dichloroethene
Concen: 0.443 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL

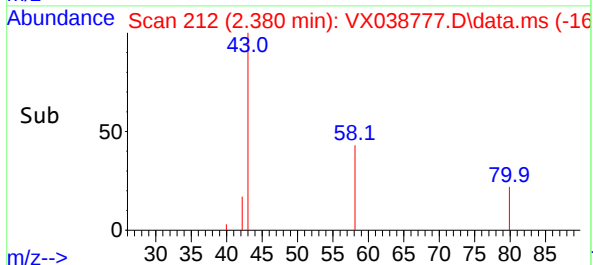
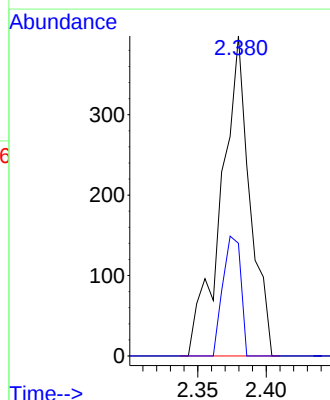
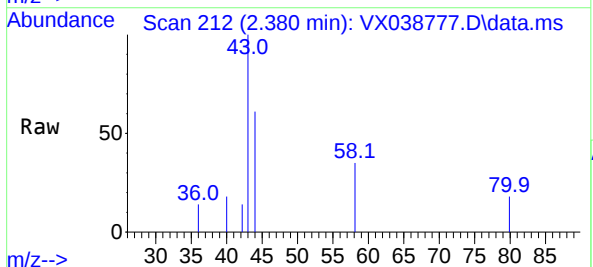


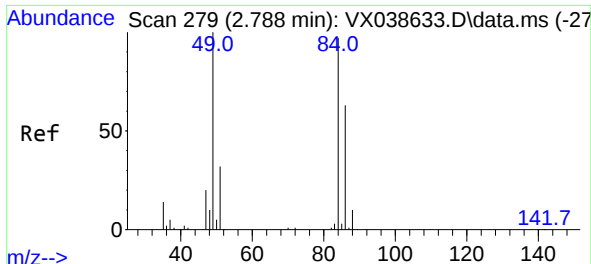
Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 131.1 144.6 216.8#
98 58.5 50.4 75.6



#16
Acetone
Concen: 0.390 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

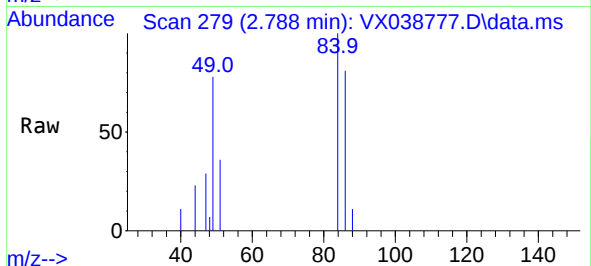
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#





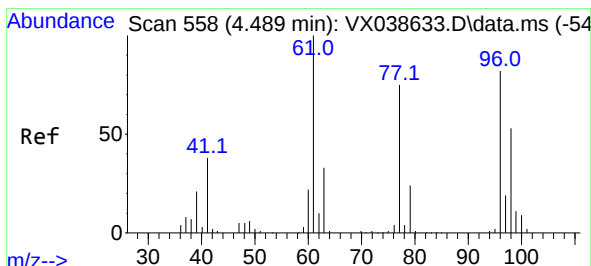
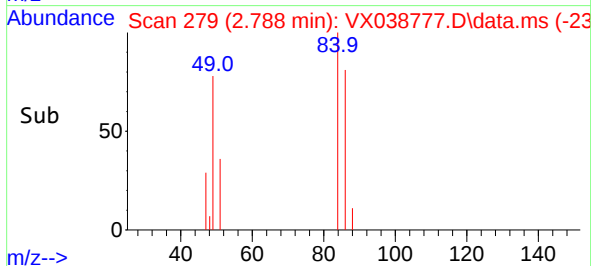
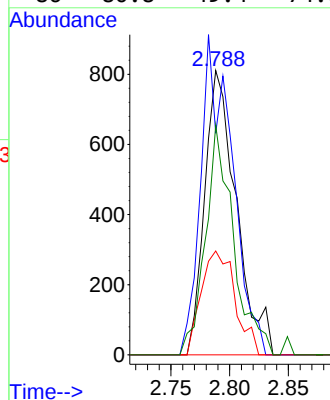
#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL



Tgt Ion: 84 Resp: 1515

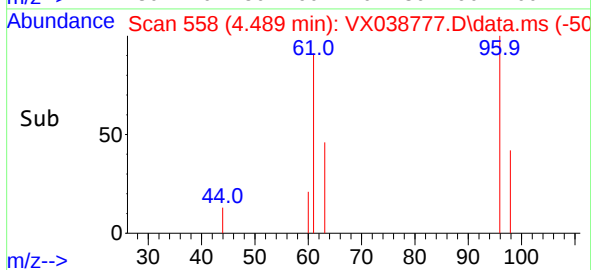
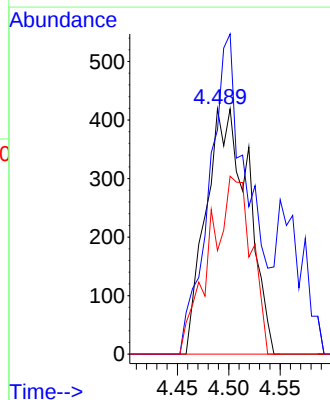
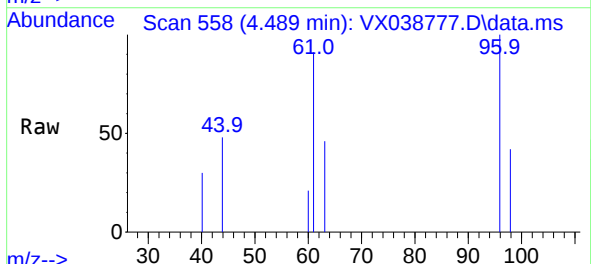
Ion	Ratio	Lower	Upper
84	100		
49	77.9	103.6	155.4#
51	36.5	33.8	50.6
86	80.8	49.4	74.0#

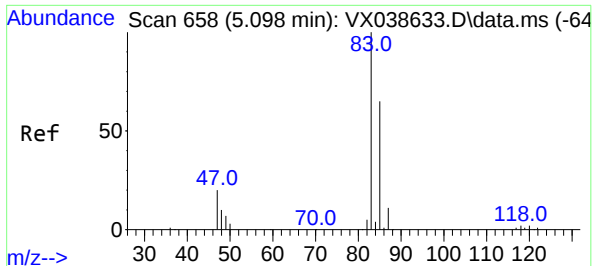


#27
cis-1,2-Dichloroethene
Concen: 0.364 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Tgt Ion: 96 Resp: 1209

Ion	Ratio	Lower	Upper
96	100		
61	116.8	0.0	312.2
98	70.6	0.0	129.0

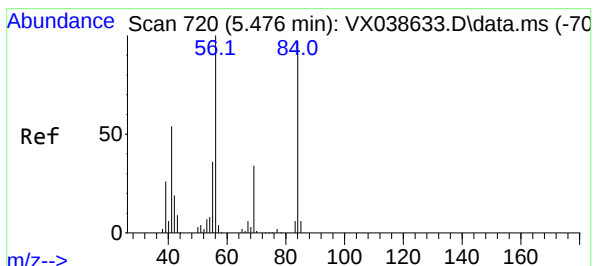
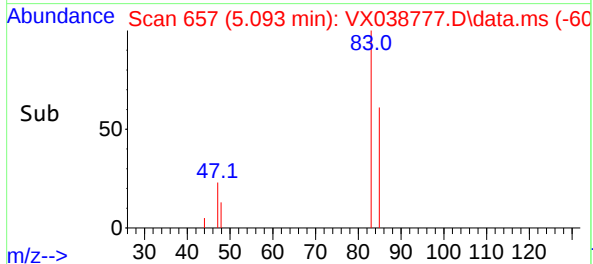
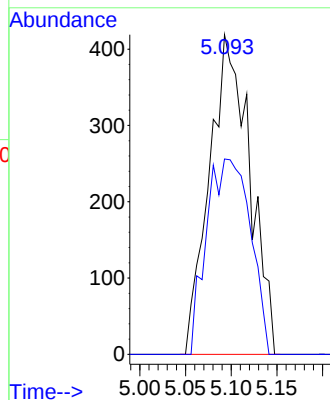
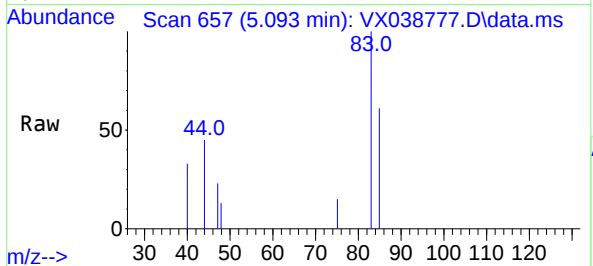




#30
Chloroform
Concen: 0.233 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

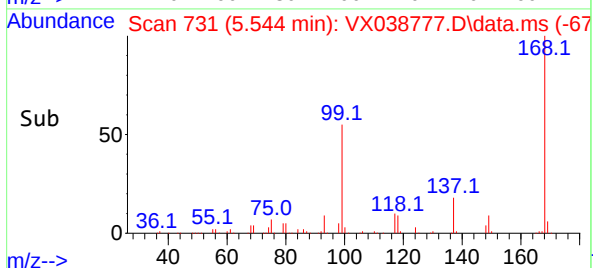
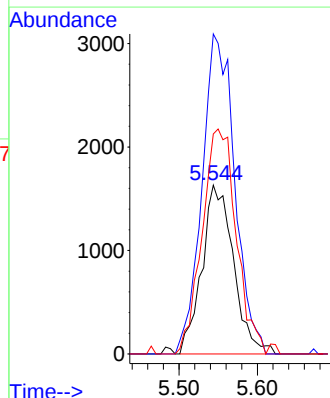
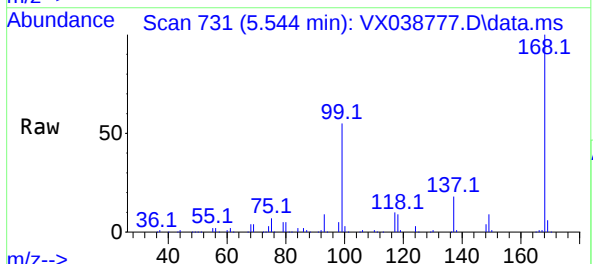
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL

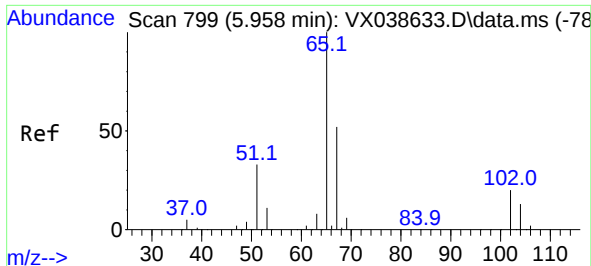
Tgt Ion: 83 Resp: 1287
Ion Ratio Lower Upper
83 100
85 61.1 50.3 75.5



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Tgt Ion: 56 Resp: 4579
Ion Ratio Lower Upper
56 100
69 189.5 23.4 35.2#
84 130.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.763 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038777.D

Acq: 13 Nov 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

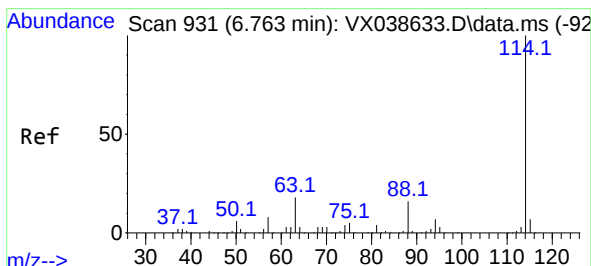
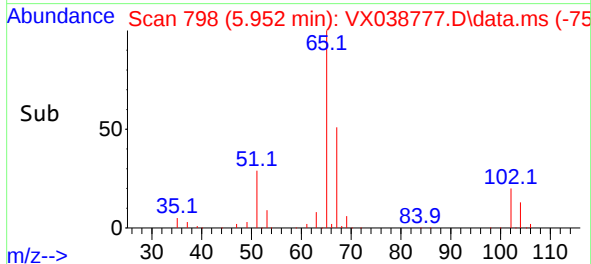
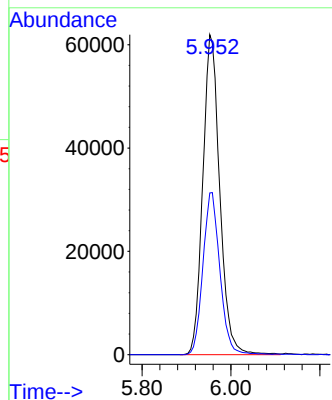
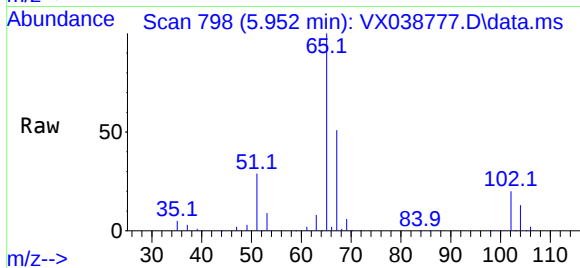
DUP03-20231108DL

Tgt Ion: 65 Resp: 164719

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038777.D

Acq: 13 Nov 2023 13:36

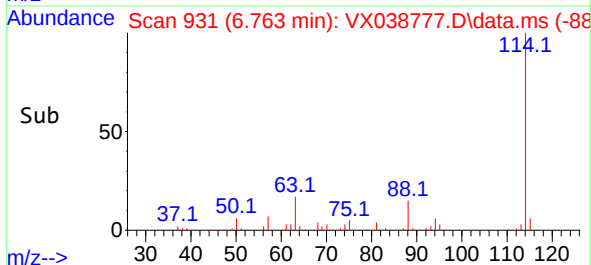
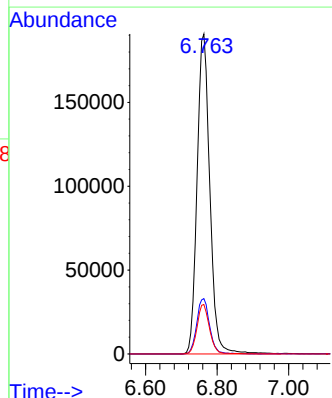
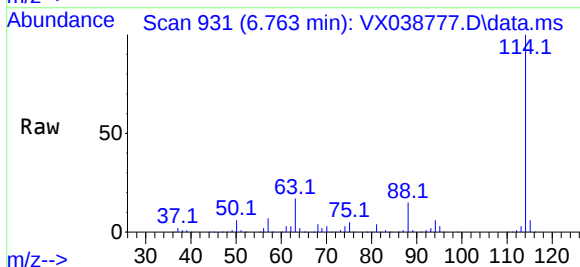
Tgt Ion: 114 Resp: 471364

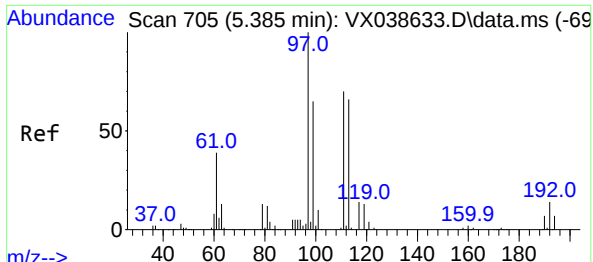
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

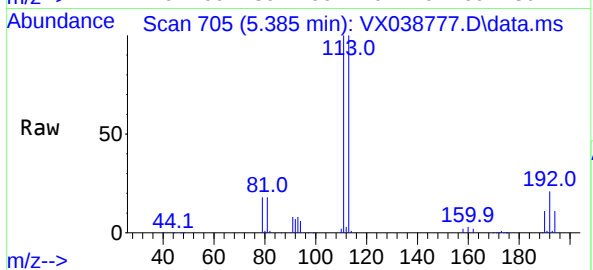
88 15.4 0.0 36.6



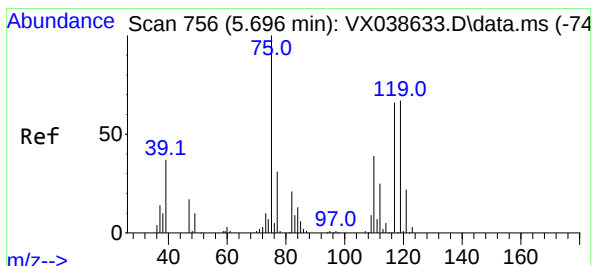
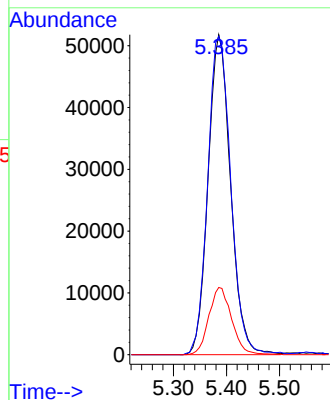
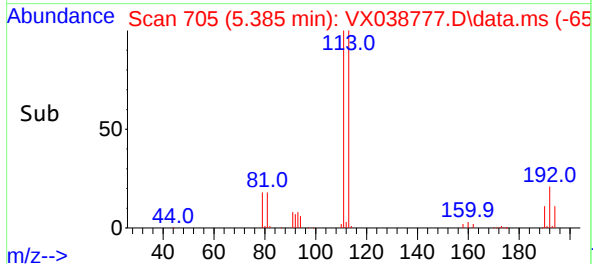


#35
Dibromofluoromethane
Concen: 44.848 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

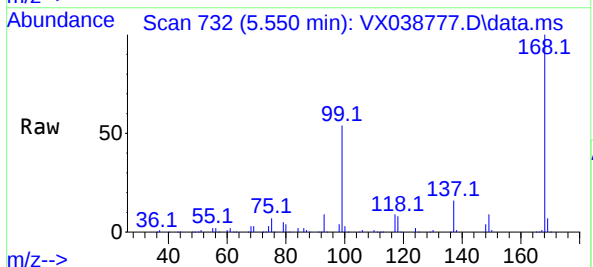
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL



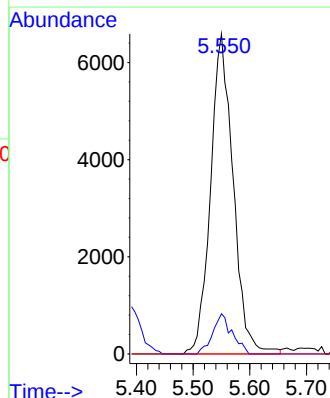
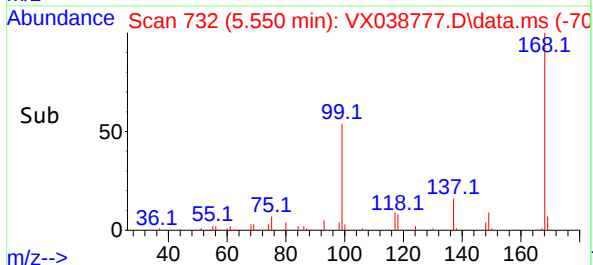
Tgt Ion:113 Resp: 152254
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.3 13.3 19.9#

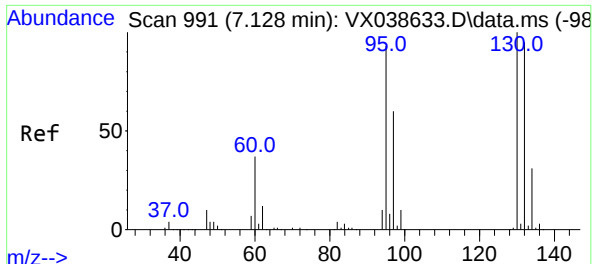


#36
1,1-Dichloropropene
Concen: 4.323 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36



Tgt Ion: 75 Resp: 18229
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#

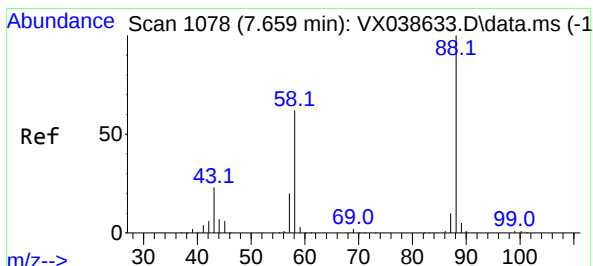
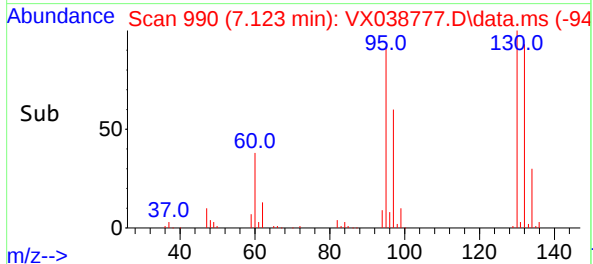
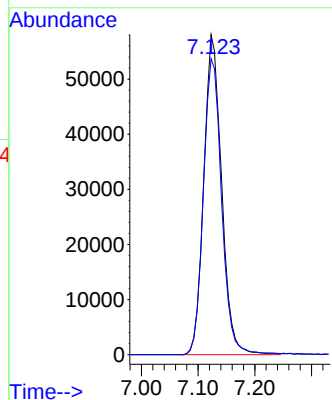
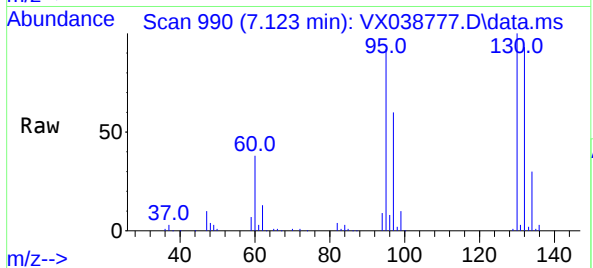




#44
Trichloroethene
Concen: 33.546 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

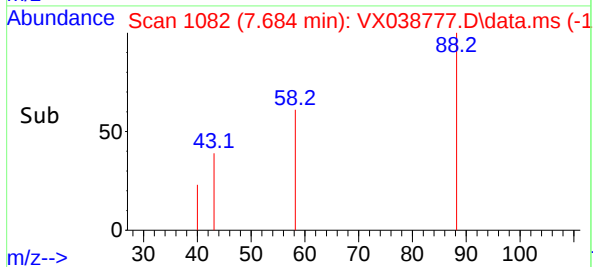
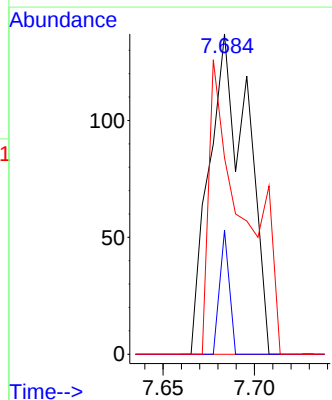
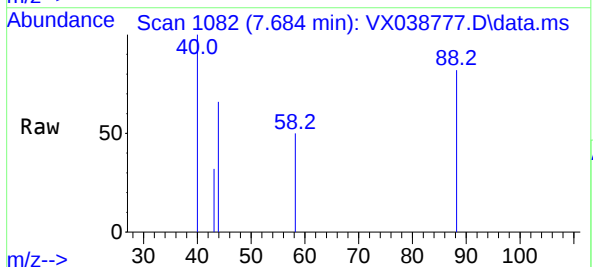
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL

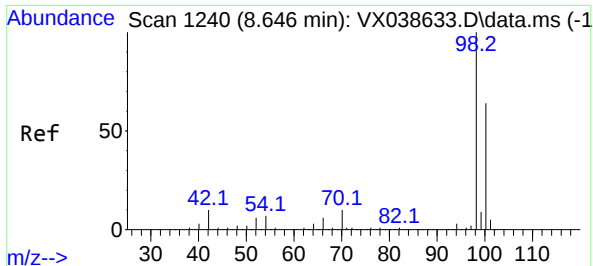
Tgt Ion:130 Resp: 126781
Ion Ratio Lower Upper
130 100
95 92.5 0.0 204.4



#49
1,4-Dioxane
Concen: 2.768 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Tgt Ion: 88 Resp: 201
Ion Ratio Lower Upper
88 100
43 9.5 0.0 0.0#
58 81.6 60.1 90.1

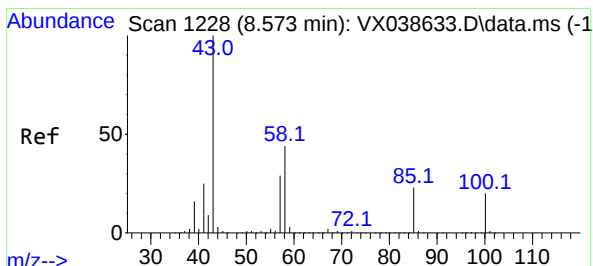
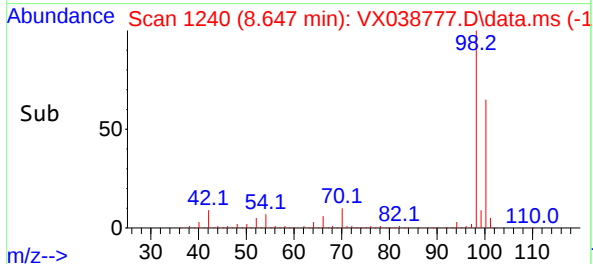
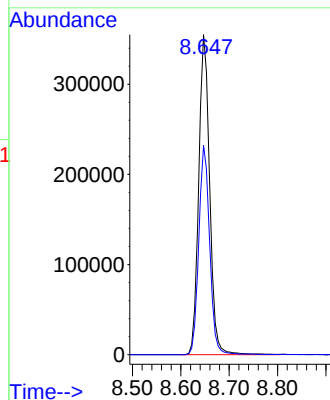
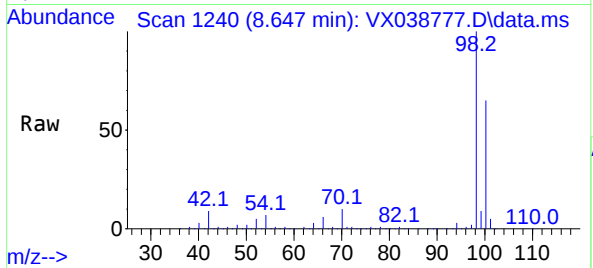




#50
Toluene-d8
Concen: 45.797 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

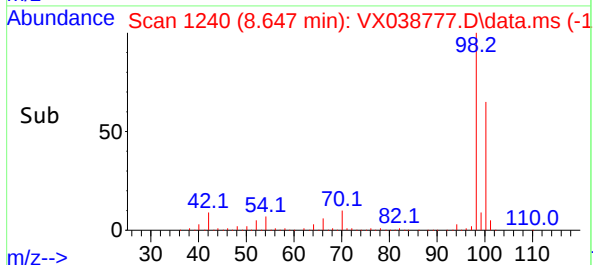
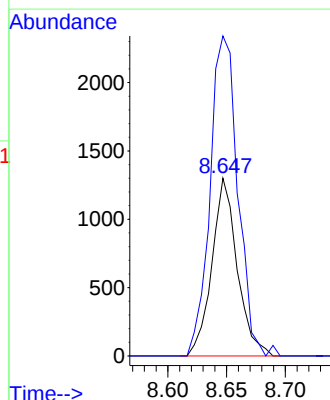
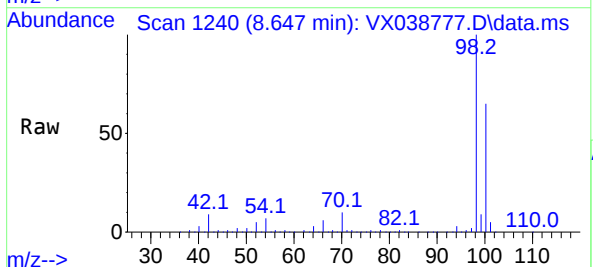
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL

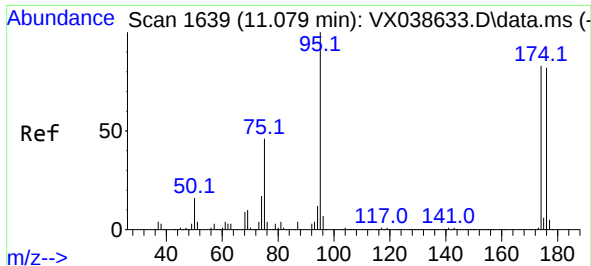
Tgt Ion: 98 Resp: 556358
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
58 198.0 30.4 45.6#

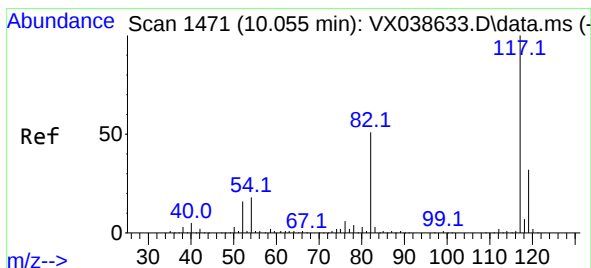
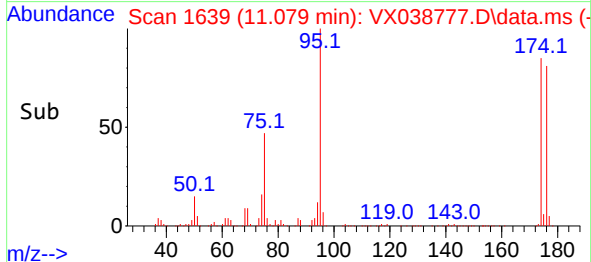
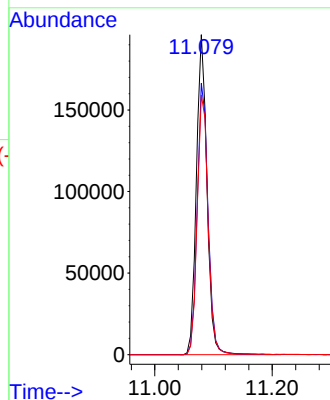
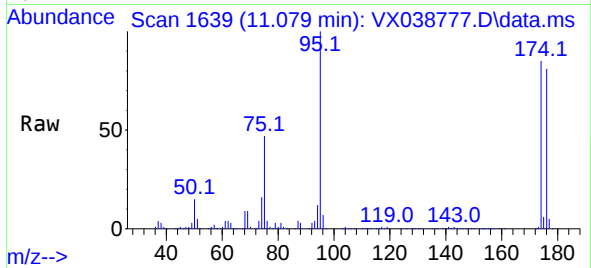




#62
4-Bromofluorobenzene
Concen: 52.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

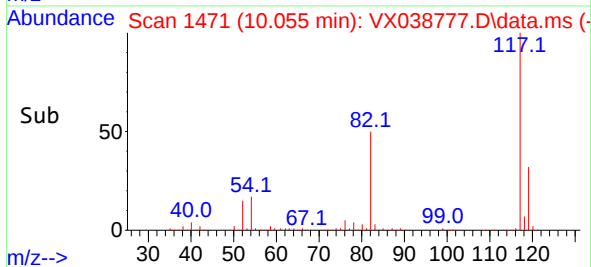
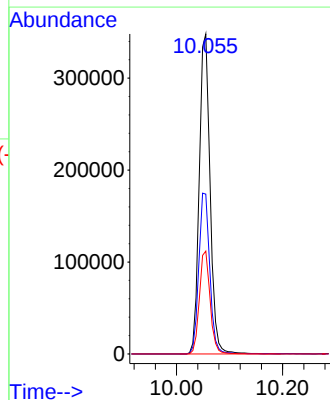
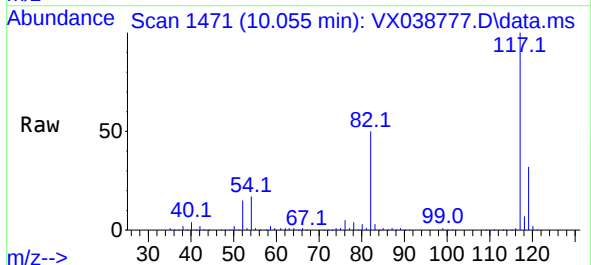
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL

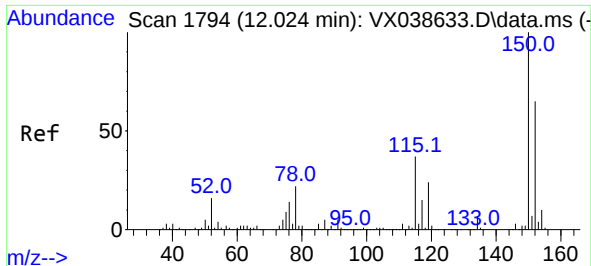
Tgt Ion: 95 Resp: 245583
Ion Ratio Lower Upper
95 100
174 86.9 0.0 135.6
176 83.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Tgt Ion: 117 Resp: 493080
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.2 25.5 38.3

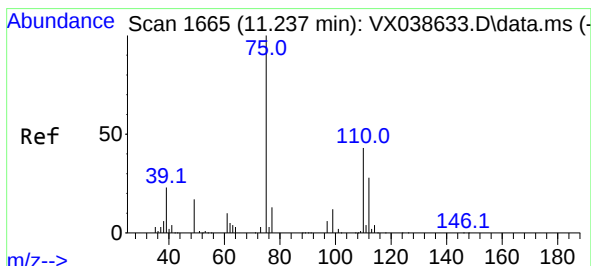
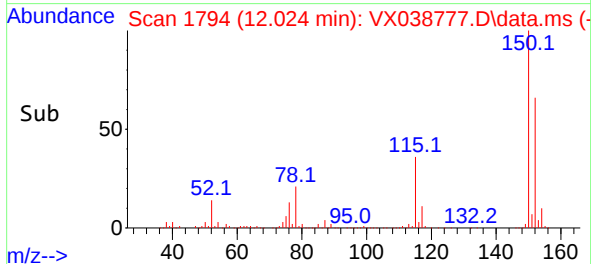
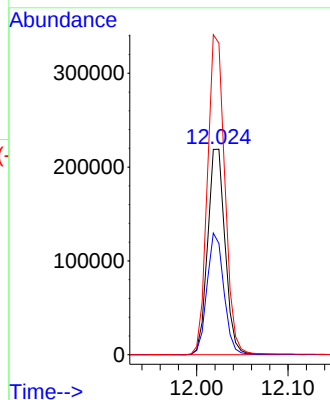
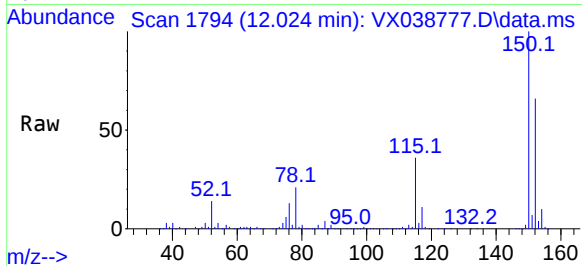




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

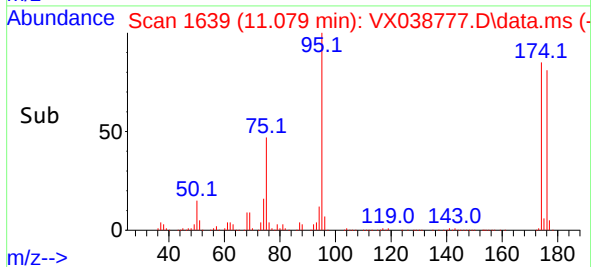
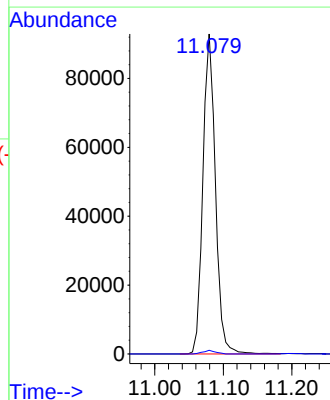
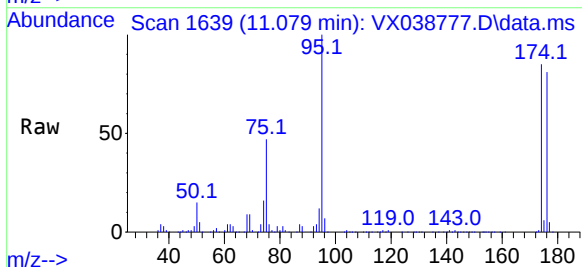
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL

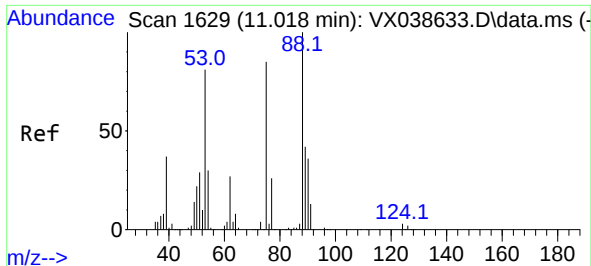
Tgt Ion:152 Resp: 290182
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.9
150 155.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.584 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

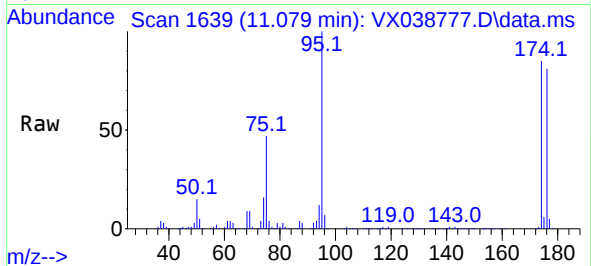
Tgt Ion: 75 Resp: 118298
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.710 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038777.D
Acq: 13 Nov 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108DL



Tgt Ion: 75 Resp: 118298
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

