

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037267.D
 Acq On : 25 Aug 2023 13:32
 Operator : JC/MD
 Sample : 04025-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

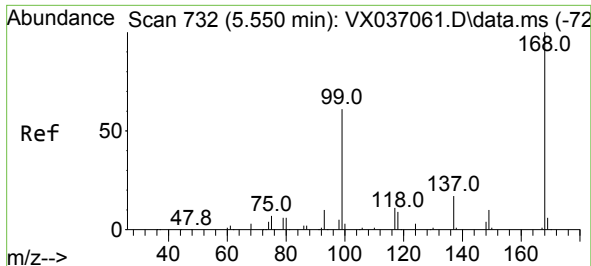
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230814

Quant Time: Aug 26 02:20:13 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	5.556	168	145911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91599	43.545	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.080%		
35) Dibromofluoromethane	5.385	113	73229	45.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.920%		
50) Toluene-d8	8.647	98	280779	48.580	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	102209	45.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.000%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	306	0.206	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1542	1.000	ug/l	95
12) 1,1-Dichloroethene	2.319	96	386	0.257	ug/l	85
16) Acetone	2.386	43	587	0.713	ug/l #	86
27) cis-1,2-Dichloroethene	4.495	96	1931	0.959	ug/l	84
31) Cyclohexane	5.550	56	2881	1.218	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11738	5.185	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16166	6.574	ug/l #	14
39) Methylcyclohexane	7.123	83	4022	1.691	ug/l #	1
44) Trichloroethene	7.129	130	349534	189.868	ug/l	94
49) 1,4-Dioxane	7.683	88	533	11.054	ug/l #	79
51) 4-Methyl-2-Pentanone	8.647	43	1044	0.468	ug/l #	1
60) Dibromochloromethane	9.275	129	1983	1.066	ug/l #	11
64) Tetrachloroethene	9.275	164	2096	1.341	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	52602	25.795	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52602	72.045	ug/l #	5

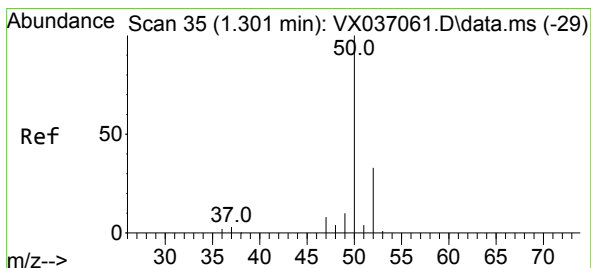
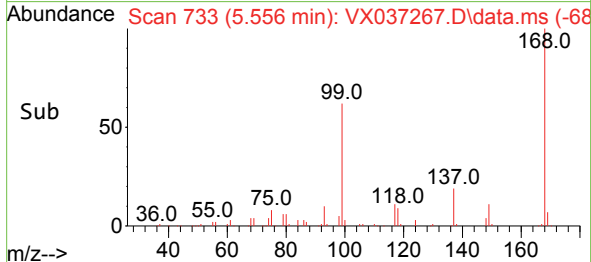
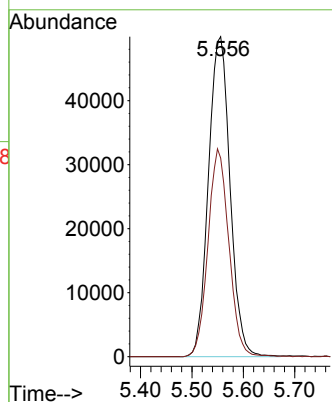
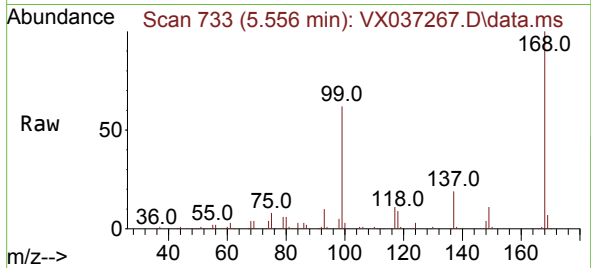
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

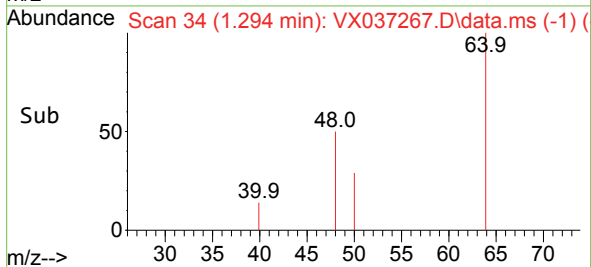
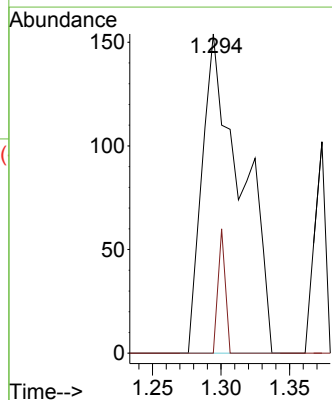
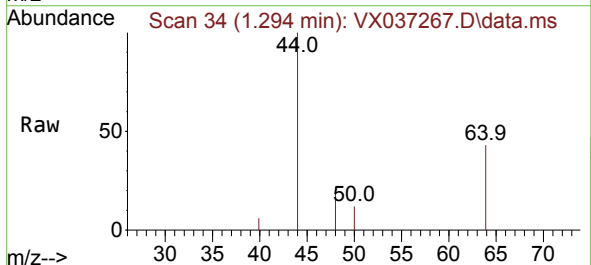
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

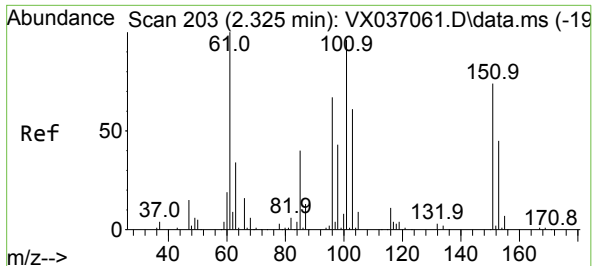
Tgt Ion:168 Resp: 145911
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion: 50 Resp: 306
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

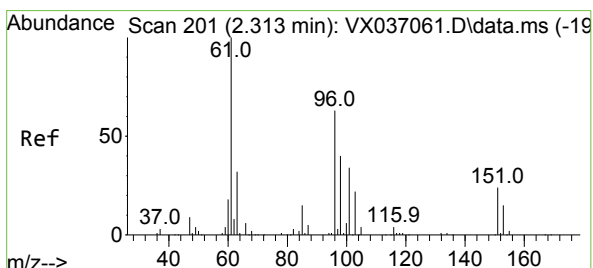
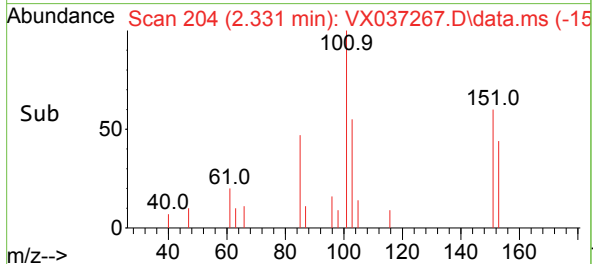
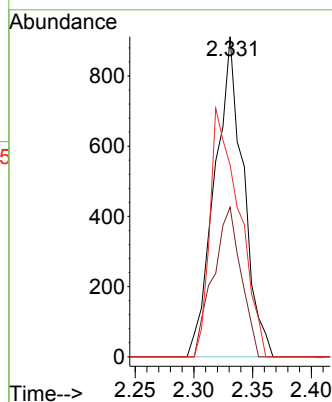
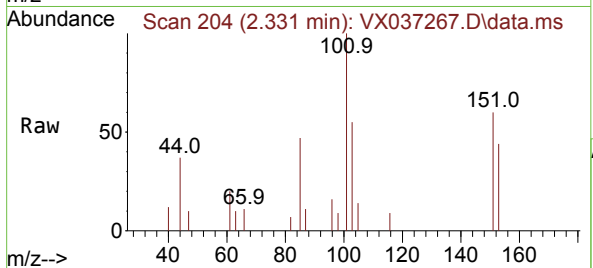




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.000 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

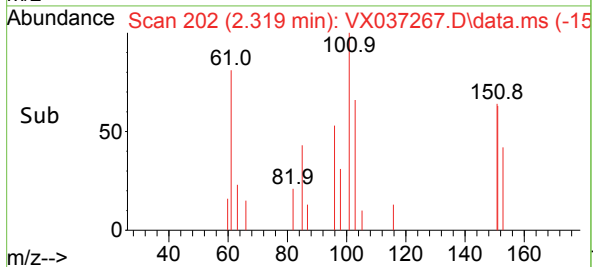
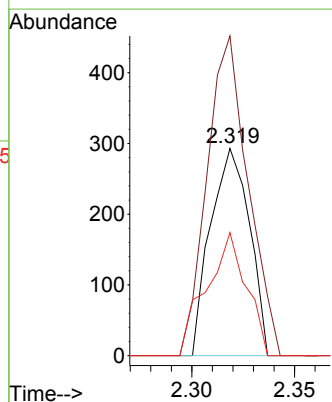
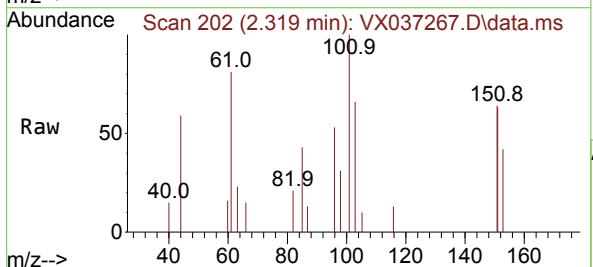
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

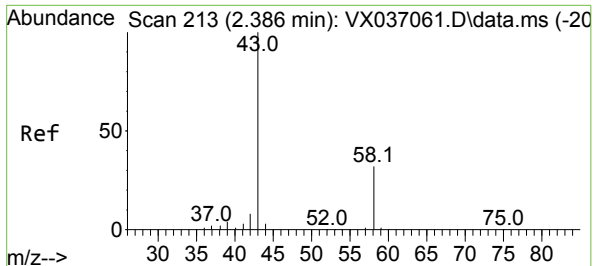
Tgt Ion:101 Resp: 1542
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.6
151 79.5 58.6 87.8



#12
1,1-Dichloroethene
Concen: 0.257 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion: 96 Resp: 386
Ion Ratio Lower Upper
96 100
61 154.3 144.6 216.8
98 59.4 50.4 75.6

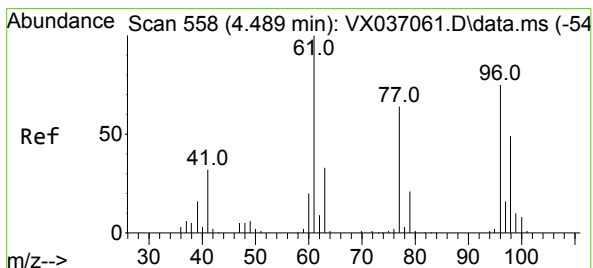
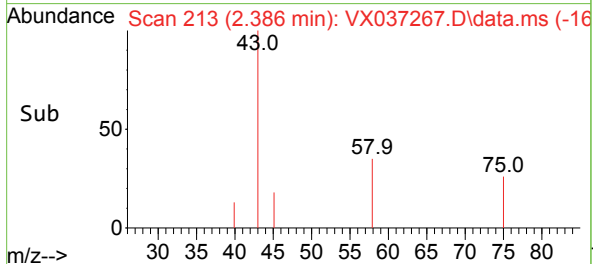
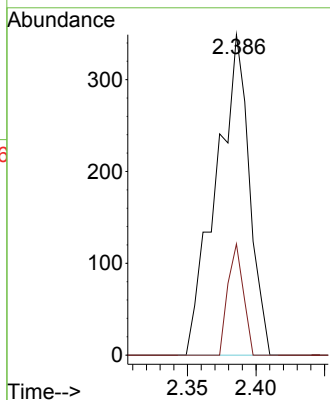
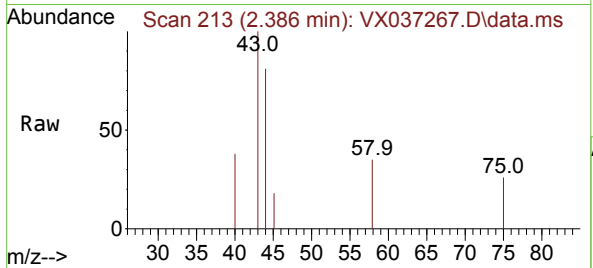




#16
Acetone
Concen: 0.713 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

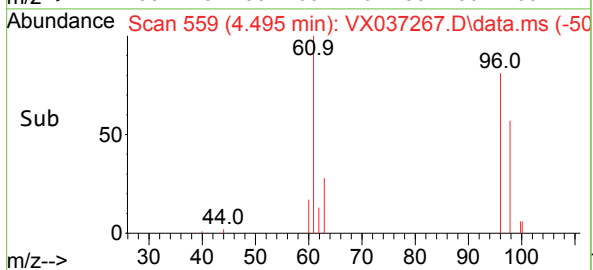
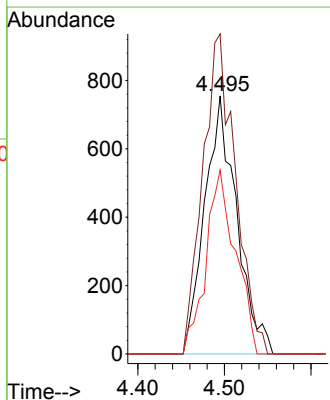
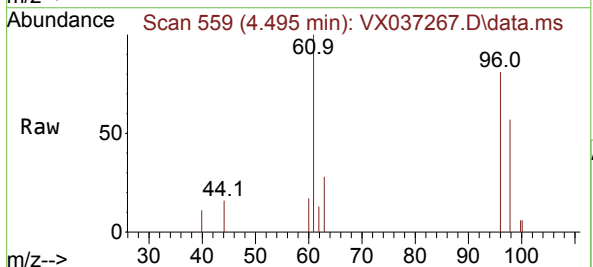
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

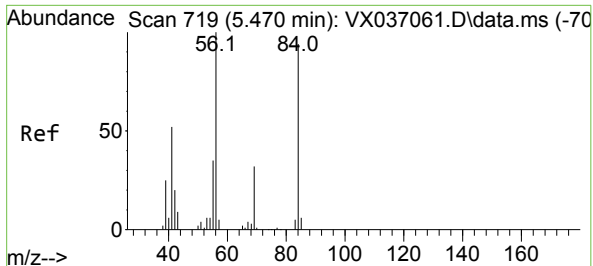
Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 0.959 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

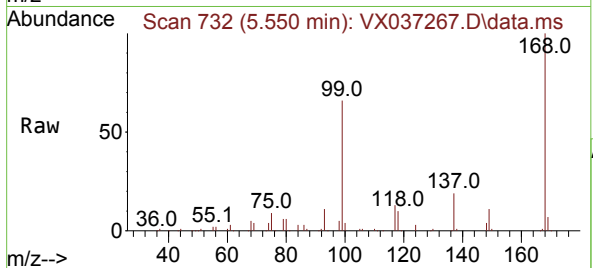
Tgt Ion: 96 Resp: 1931
Ion Ratio Lower Upper
96 100
61 127.1 0.0 312.2
98 65.9 0.0 129.0



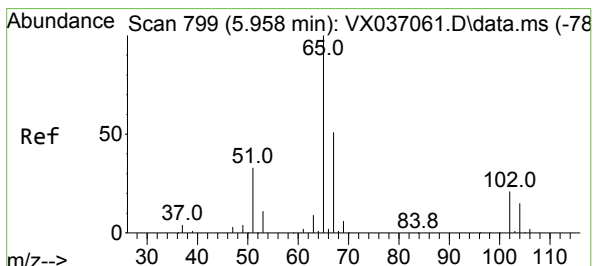
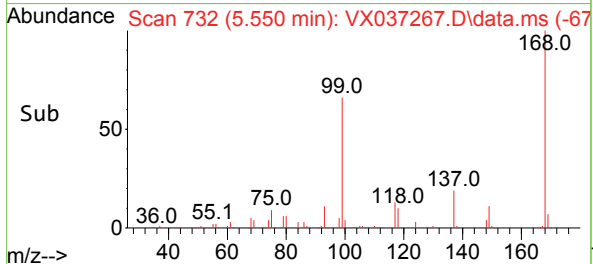
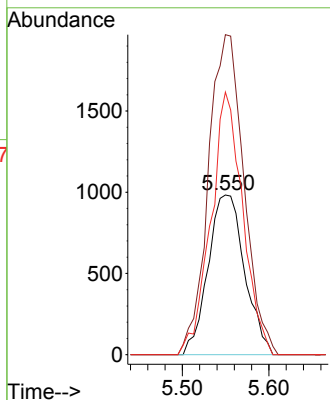


#31
Cyclohexane
Concen: 1.218 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

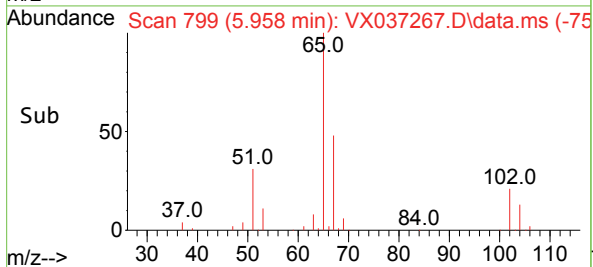
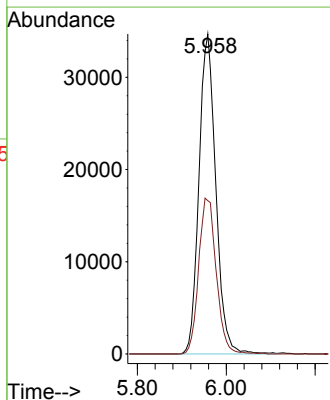
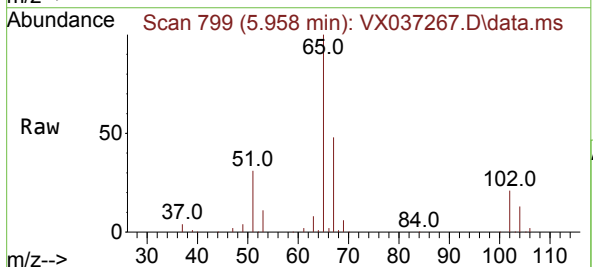


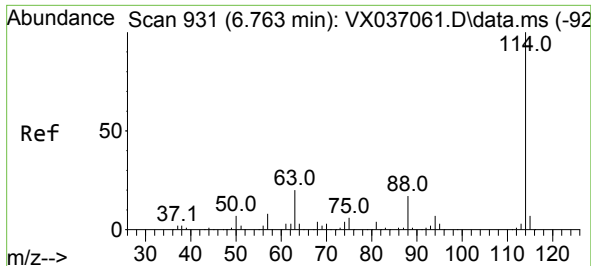
Tgt Ion: 56 Resp: 2881
Ion Ratio Lower Upper
56 100
69 200.4 23.4 35.2#
84 164.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.545 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion: 65 Resp: 91599
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

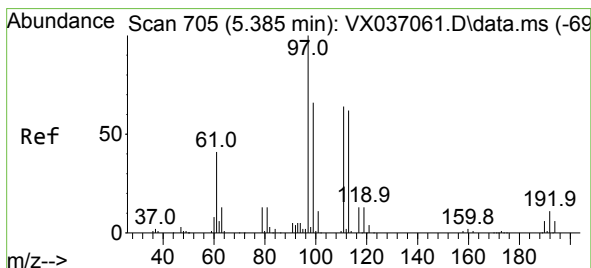
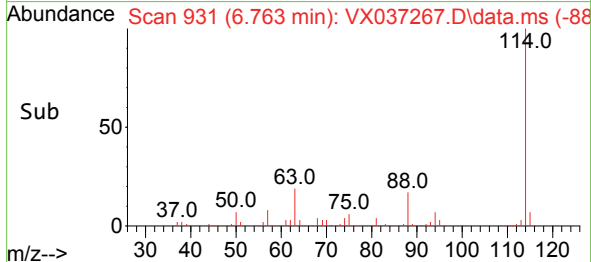
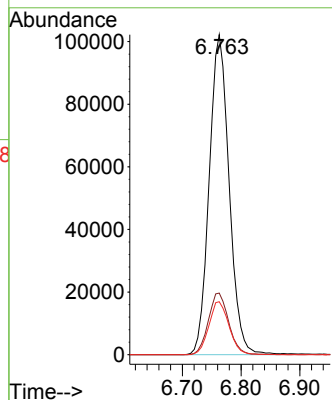
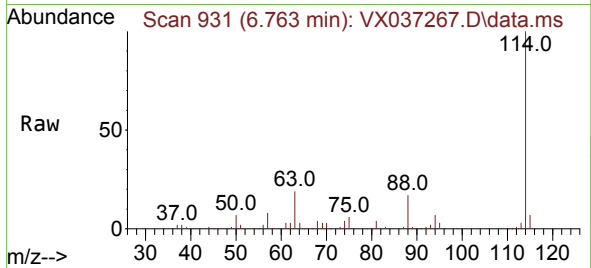




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

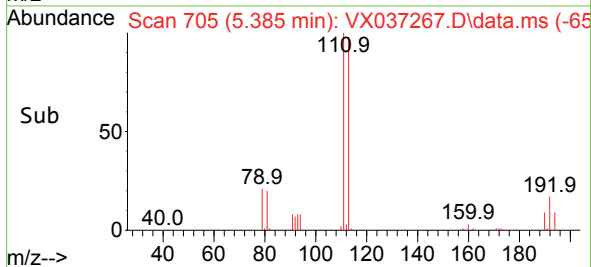
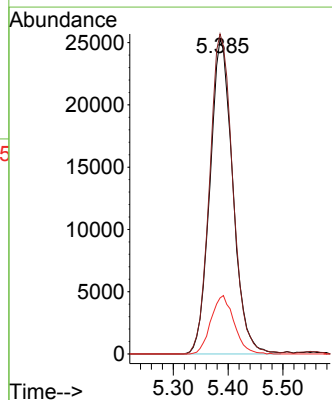
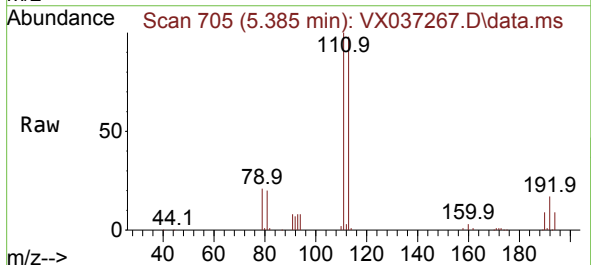
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

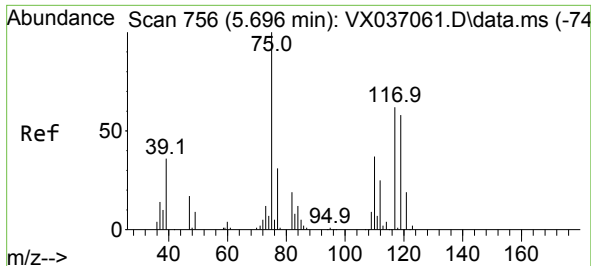
Tgt Ion:114 Resp: 240586
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.959 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion:113 Resp: 73229
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.8 13.3 19.9

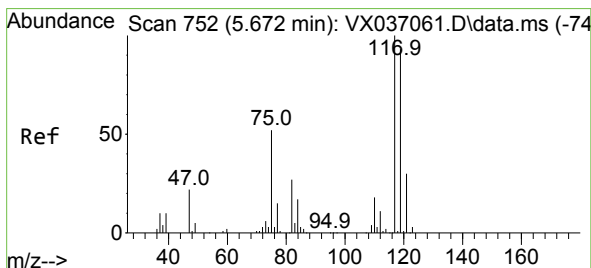
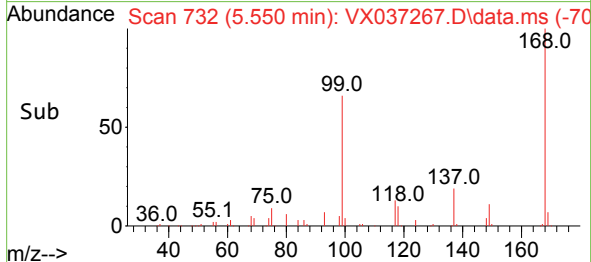
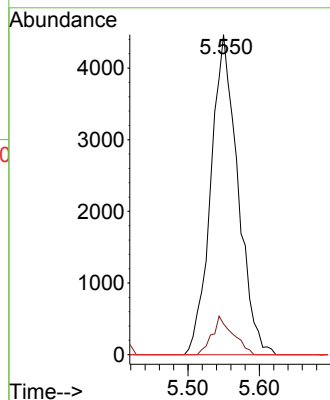
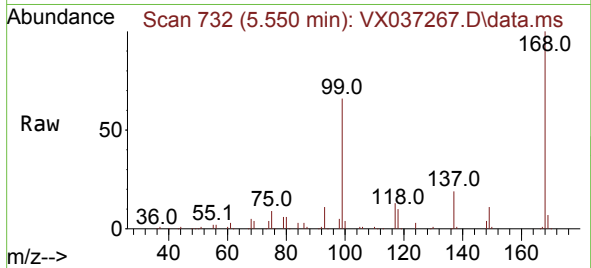




#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

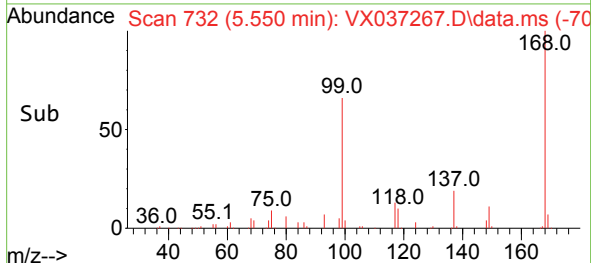
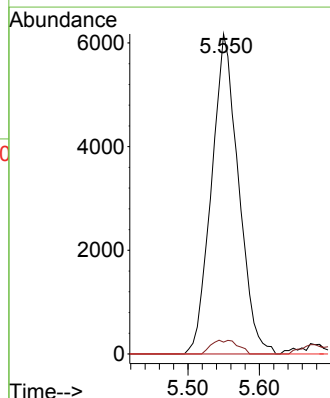
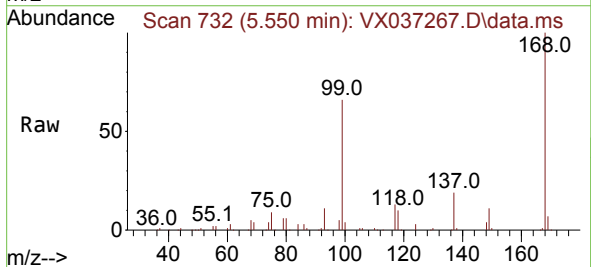
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

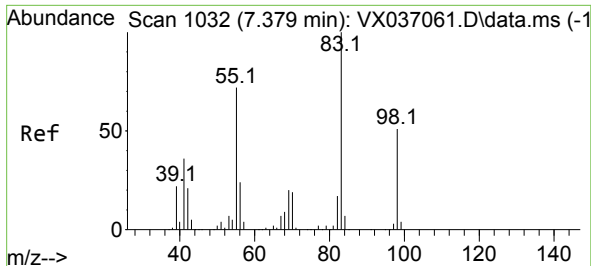
Tgt Ion: 75 Resp: 11738
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion: 117 Resp: 16166
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

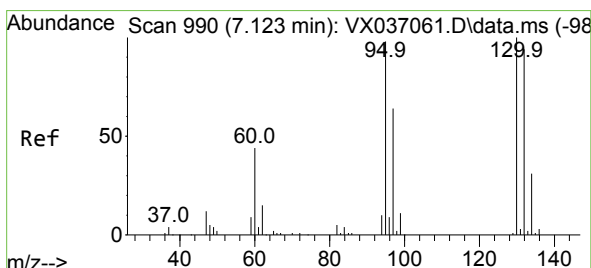
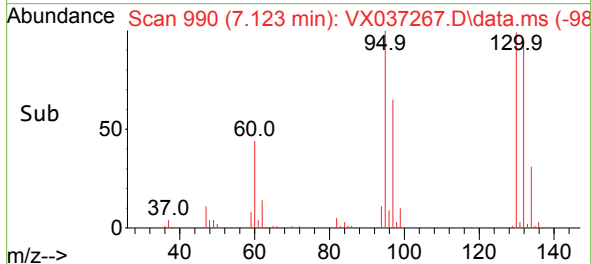
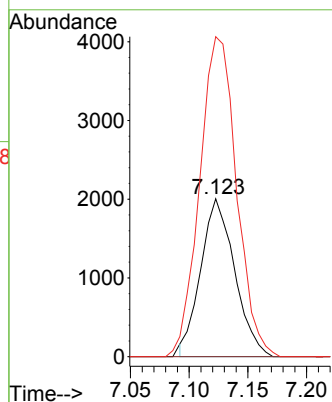
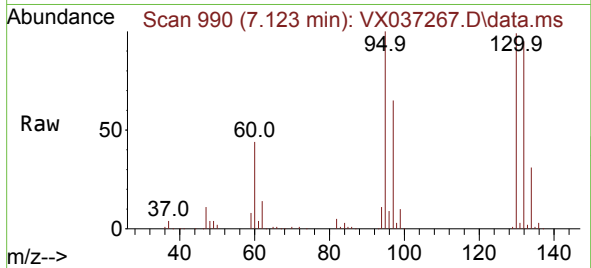




#39
Methylcyclohexane
Concen: 1.691 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

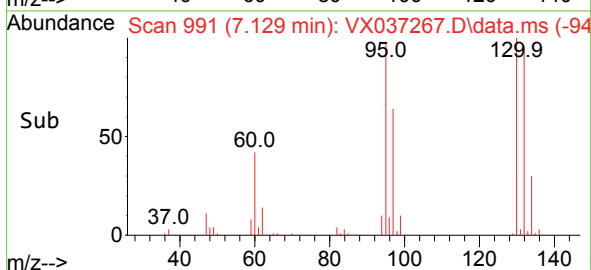
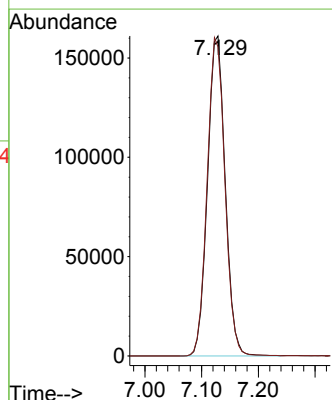
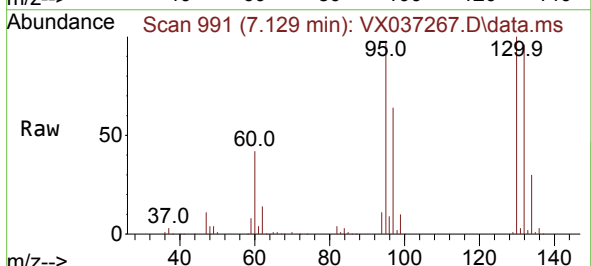
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

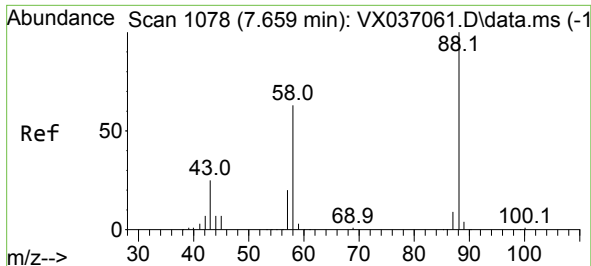
Tgt Ion: 83 Resp: 4022
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 202.6 36.7 55.1#



#44
Trichloroethene
Concen: 189.868 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion:130 Resp: 349534
Ion Ratio Lower Upper
130 100
95 96.6 0.0 204.4

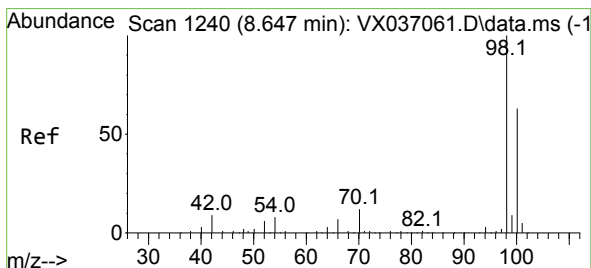
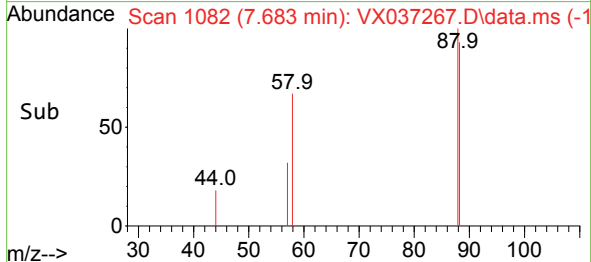
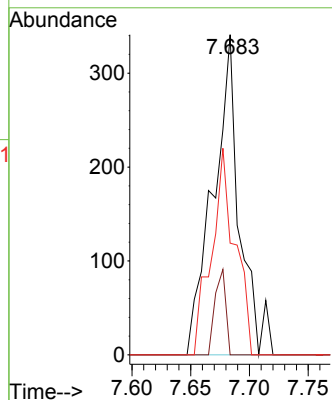
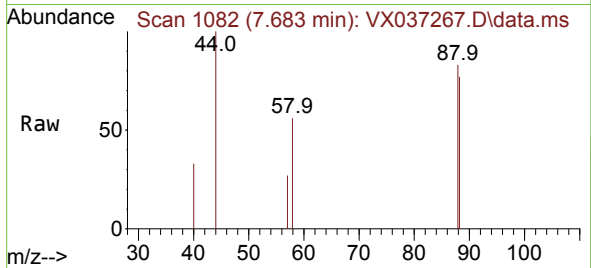




#49
1,4-Dioxane
Concen: 11.054 ug/l
RT: 7.683 min Scan# 1078
Delta R.T. 0.024 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

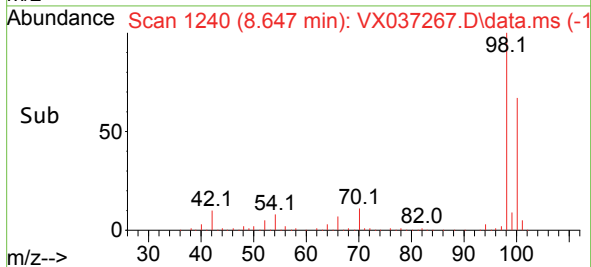
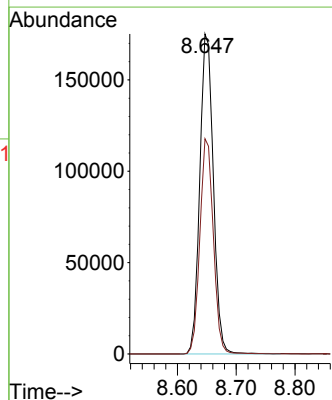
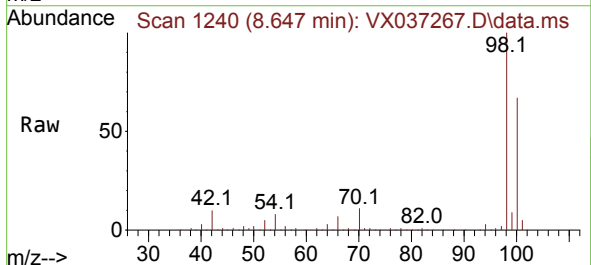
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

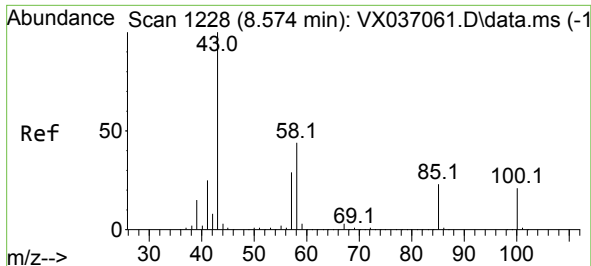
Tgt Ion: 88 Resp: 533
Ion Ratio Lower Upper
88 100
43 10.7 0.0 0.0#
58 57.6 60.1 90.1#



#50
Toluene-d8
Concen: 48.580 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion: 98 Resp: 280779
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

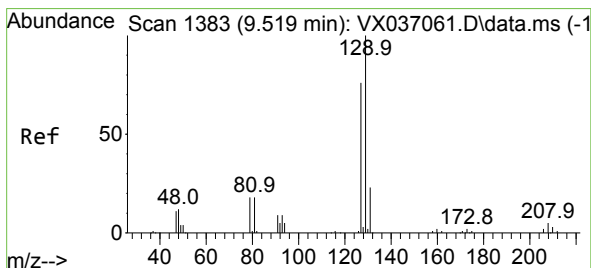
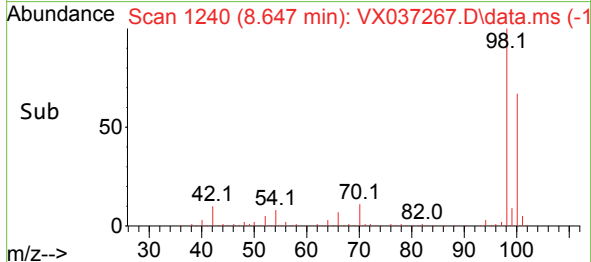
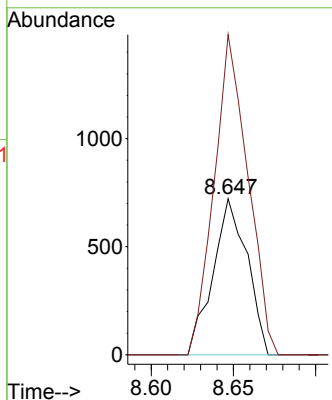
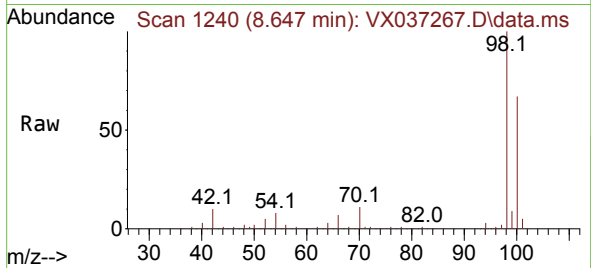




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

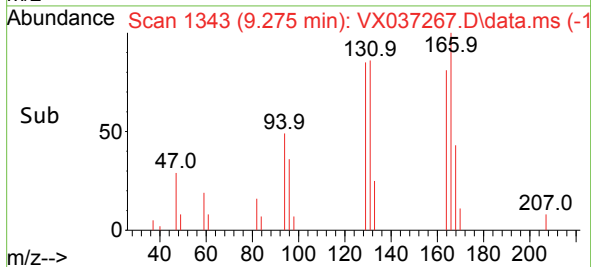
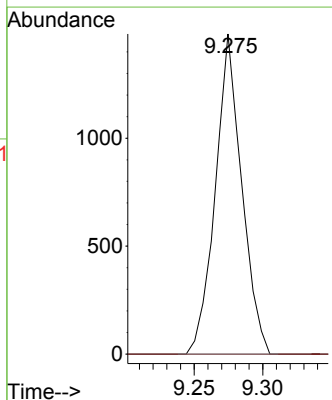
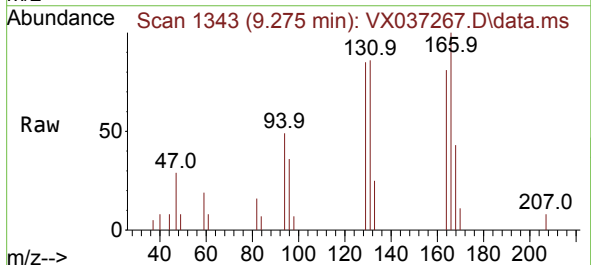
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

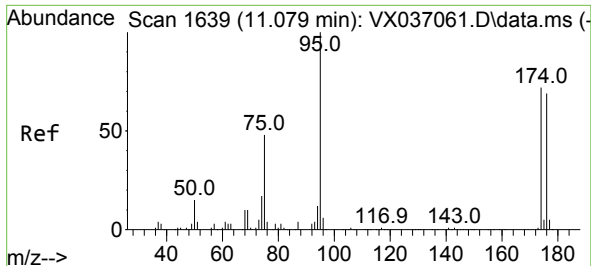
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
58 203.1 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.066 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion: 129 Resp: 1983
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

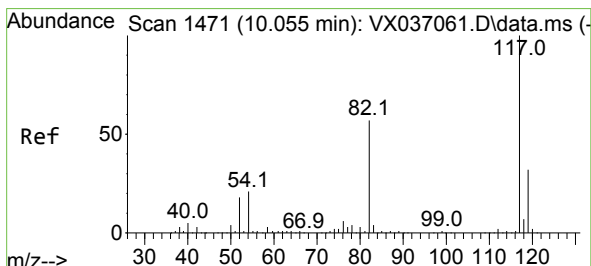
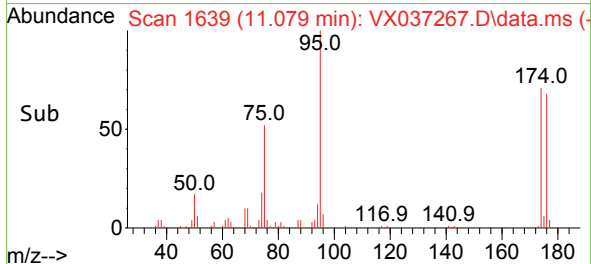
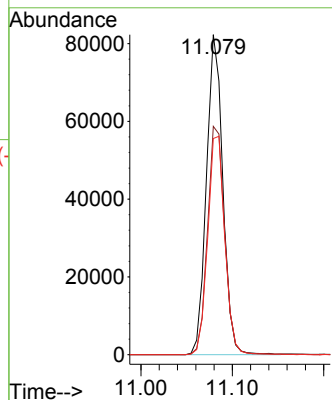
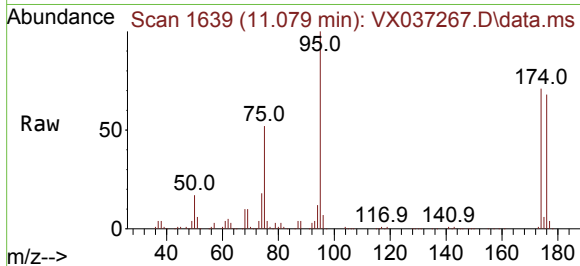




#62
4-Bromofluorobenzene
Concen: 45.000 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

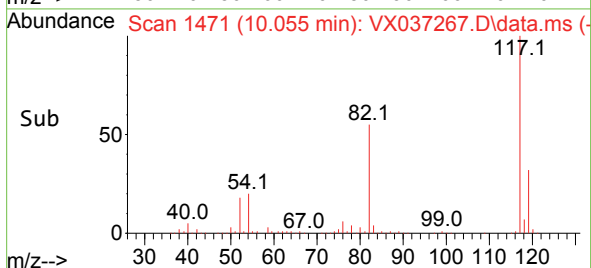
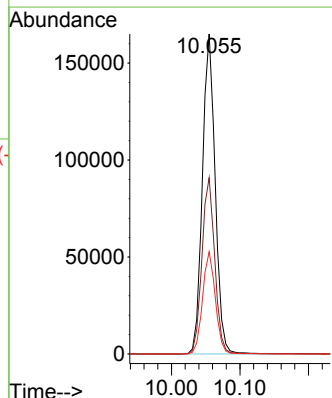
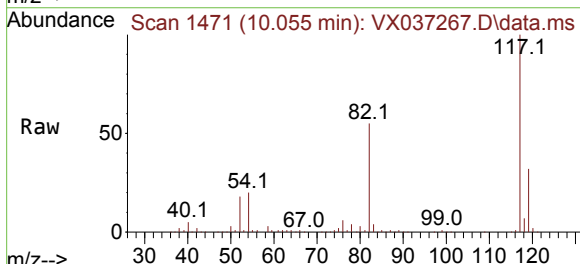
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

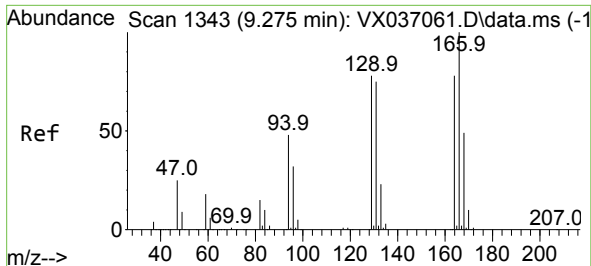
Tgt Ion: 95 Resp: 102209
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion: 117 Resp: 214334
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.0 25.5 38.3

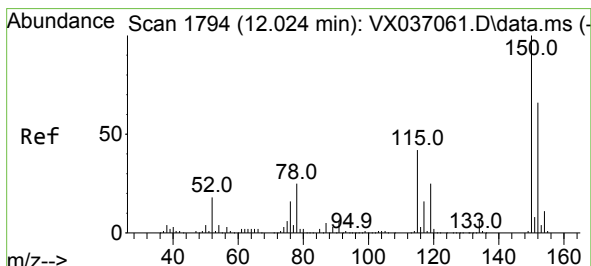
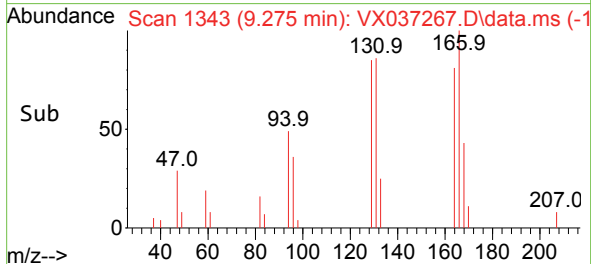
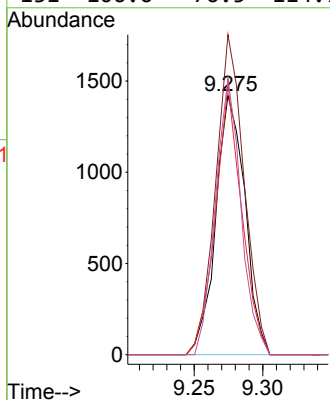
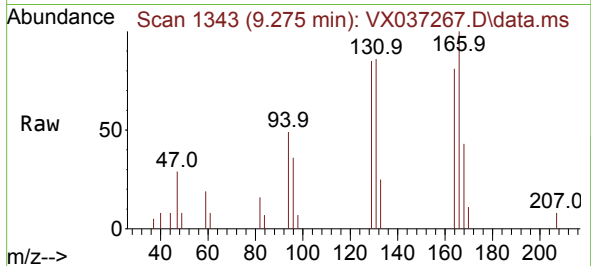




#64
Tetrachloroethene
Concen: 1.341 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

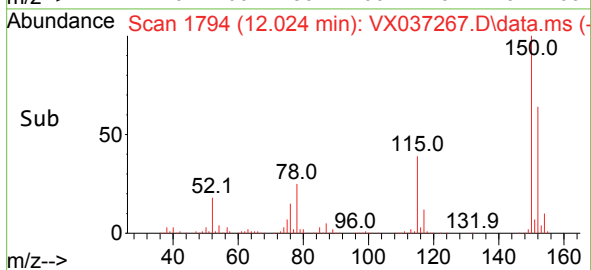
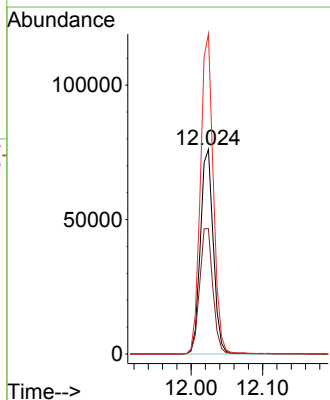
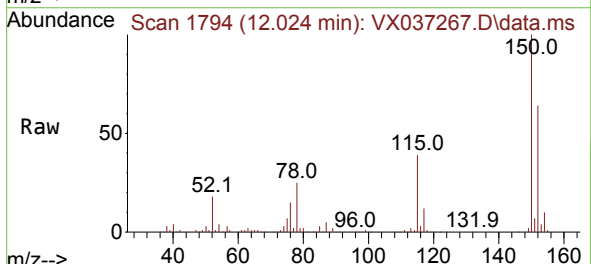
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814

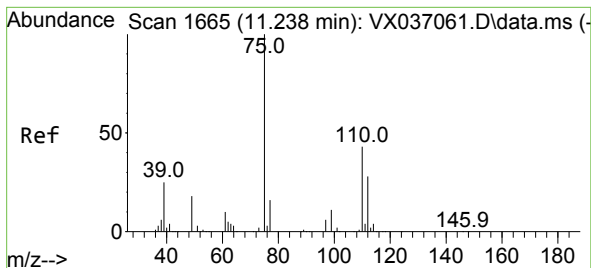
Tgt Ion:164	Resp:	2096
Ion	Ratio	Lower Upper
164	100	
166	123.5	102.7 154.1
129	104.4	80.4 120.6
131	106.6	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037267.D
Acq: 25 Aug 2023 13:32

Tgt Ion:152	Resp:	95755
Ion	Ratio	Lower Upper
152	100	
115	62.7	43.3 129.9
150	156.3	0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.795 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037267.D

Acq: 25 Aug 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

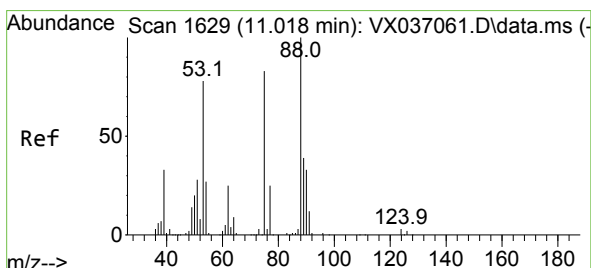
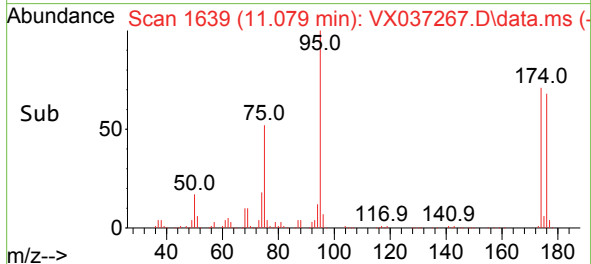
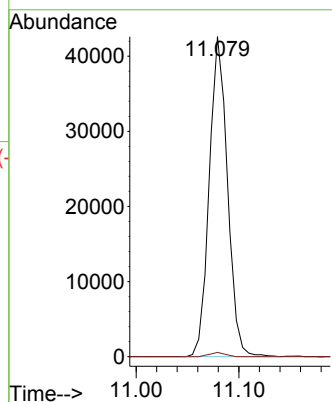
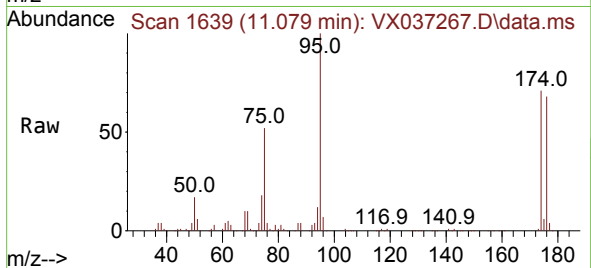
DUP06-20230814

Tgt Ion: 75 Resp: 52602

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.045 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037267.D

Acq: 25 Aug 2023 13:32

Tgt Ion: 75 Resp: 52602

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

