

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039844.D
 Acq On : 19 Jan 2024 17:07
 Operator : JC/MD
 Sample : P1184-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1-SUMOGW

Quant Time: Jan 20 00:28:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

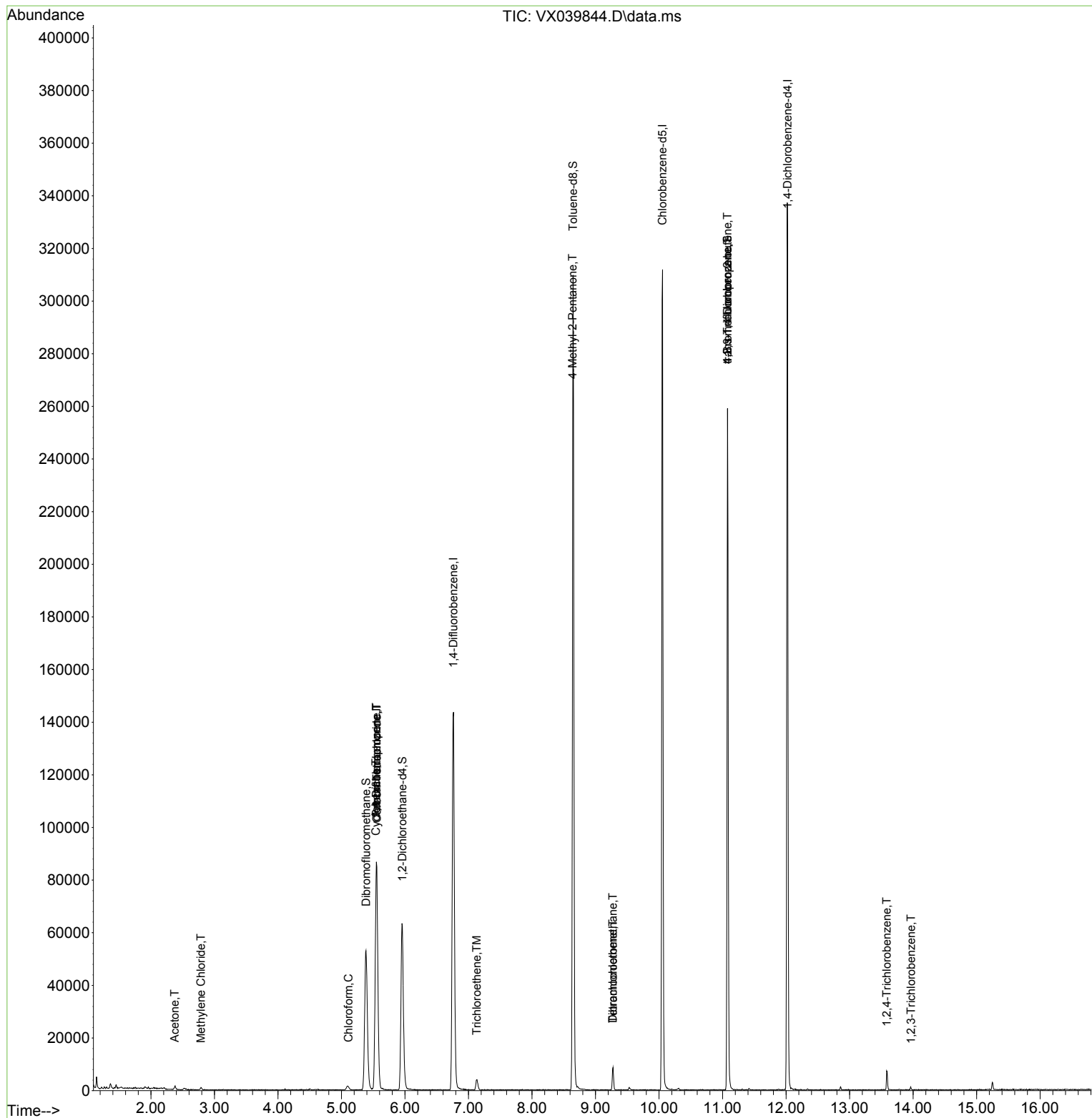
Internal Standards						
1) Pentafluorobenzene	5.550	168	76841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60993	47.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.760%		
35) Dibromofluoromethane	5.385	113	46523	47.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.000%		
50) Toluene-d8	8.647	98	175676	48.057	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.120%		
62) 4-Bromofluorobenzene	11.079	95	68115	47.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.300%		
Target Compounds					Qvalue	
16) Acetone	2.374	43	1395	1.927	ug/l #	81
20) Methylene Chloride	2.788	84	392	0.358	ug/l #	75
30) Chloroform	5.111	83	1960	1.039	ug/l	88
31) Cyclohexane	5.544	56	1906	1.122	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	7049	4.672	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8458	6.121	ug/l #	14
44) Trichloroethene	7.129	130	1698	1.622	ug/l	83
51) 4-Methyl-2-Pentanone	8.641	43	1052	0.517	ug/l #	1
60) Dibromochloromethane	9.275	129	1399	1.366	ug/l #	11
64) Tetrachloroethene	9.275	164	1489	1.694	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	37508	21.710	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37508	63.095	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	1790	1.308	ug/l	95
96) 1,2,3-Trichlorobenzene	13.969	180	363	0.263	ug/l	93

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

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Quant Time: Jan 20 00:28:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

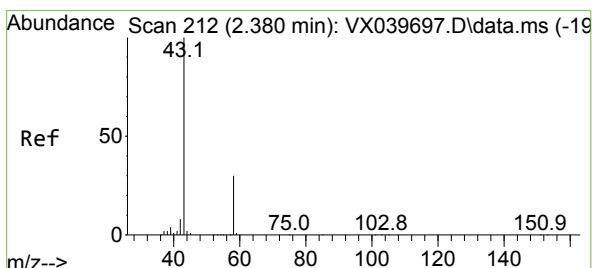
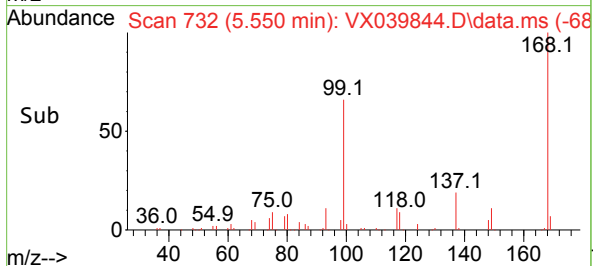
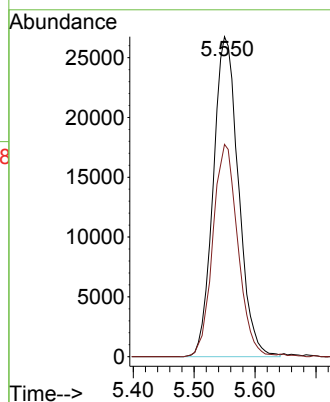
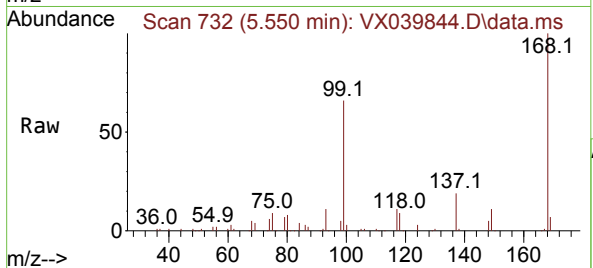




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

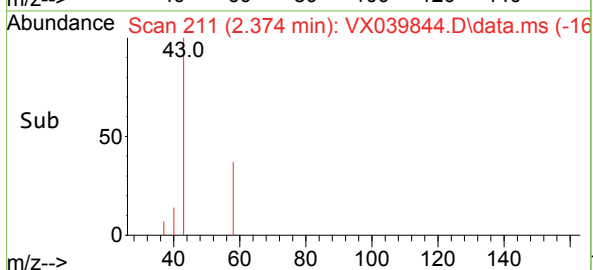
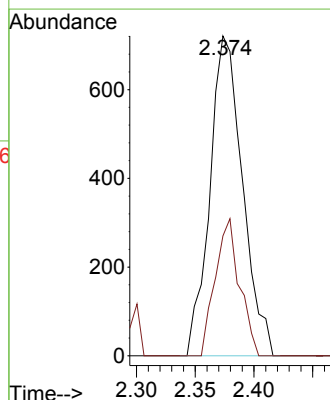
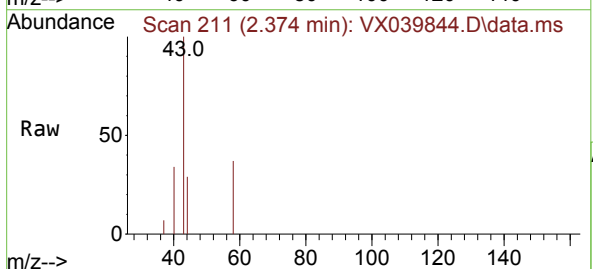
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SUMOGW

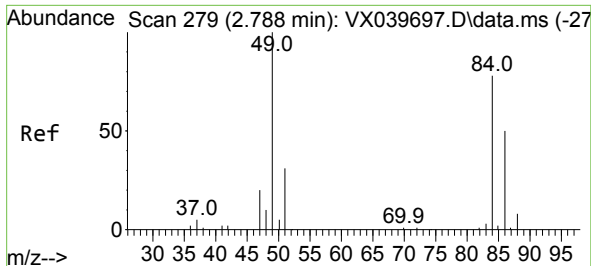
Tgt Ion:168 Resp: 76841
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0



#16
Acetone
Concen: 1.927 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

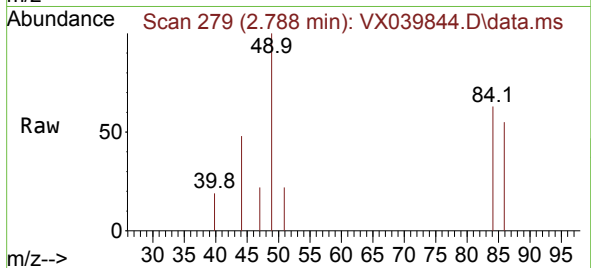
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
58 37.4 21.9 32.9#



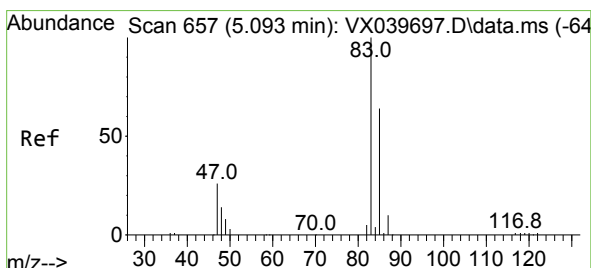
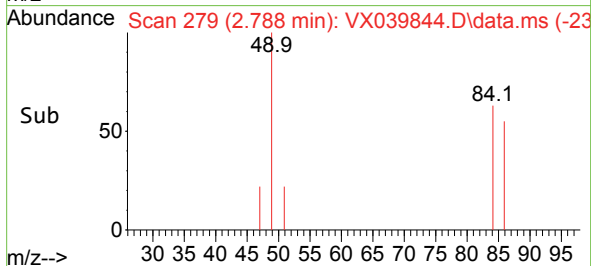
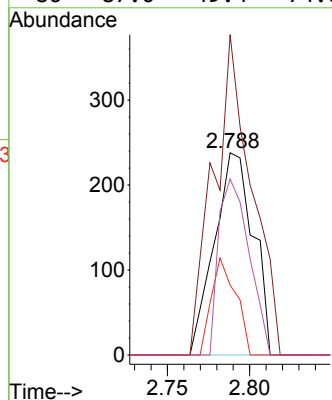


#20
Methylene Chloride
Concen: 0.358 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SUMOGW

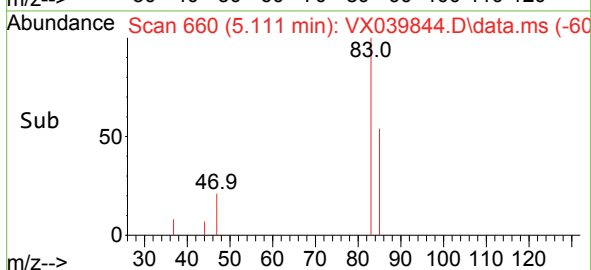
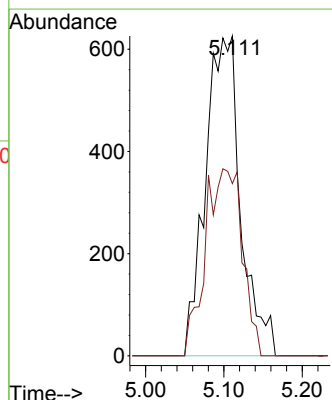
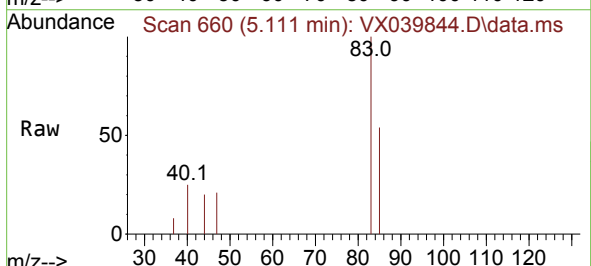


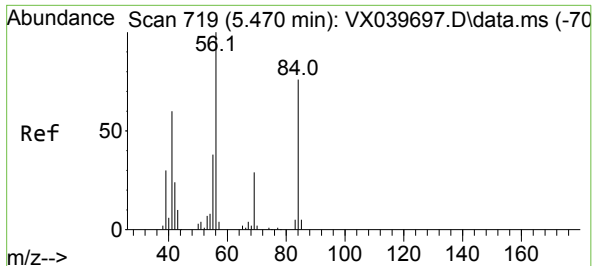
Tgt Ion:	84	Resp:	392
Ion	Ratio	Lower	Upper
84	100		
49	158.4	103.6	155.4#
51	34.5	33.8	50.6
86	87.0	49.4	74.0#



#30
Chloroform
Concen: 1.039 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.018 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

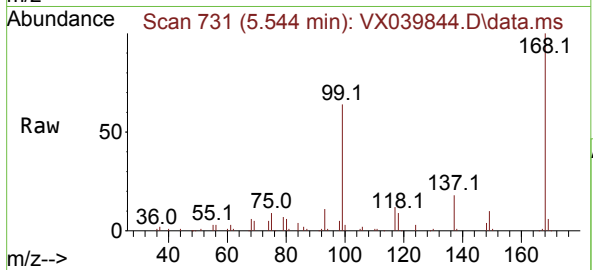
Tgt Ion:	83	Resp:	1960
Ion	Ratio	Lower	Upper
83	100		
85	53.8	50.3	75.5



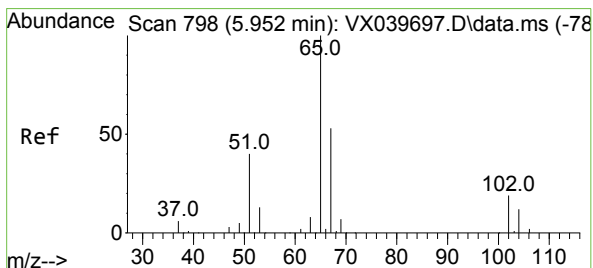
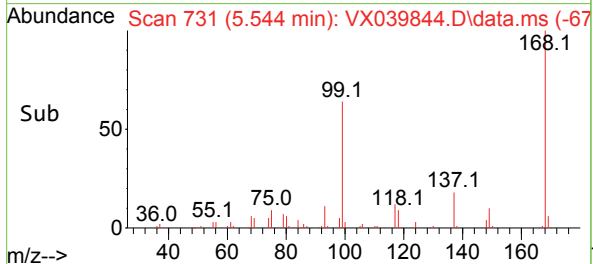
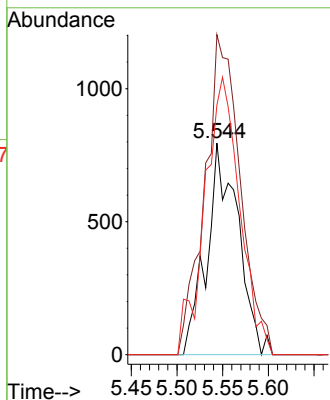


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SUMOGW

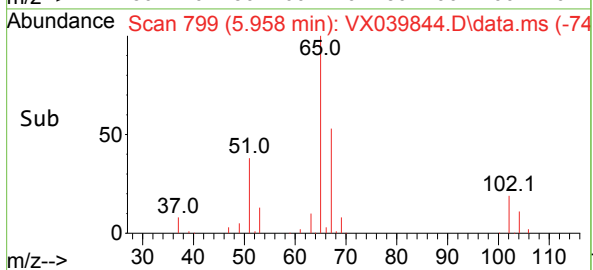
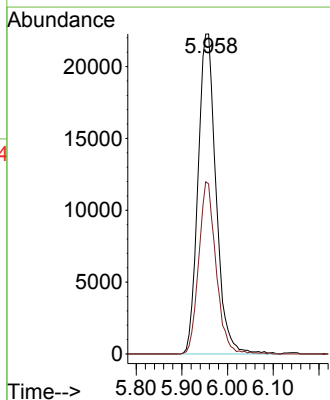
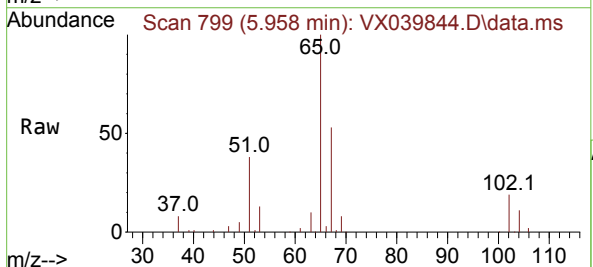


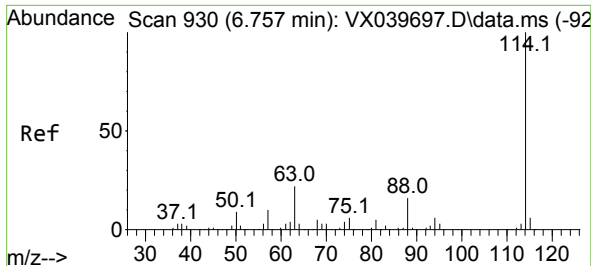
Tgt Ion: 56 Resp: 1906
Ion Ratio Lower Upper
56 100
69 151.3 23.4 35.2#
84 118.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.384 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Tgt Ion: 65 Resp: 60993
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

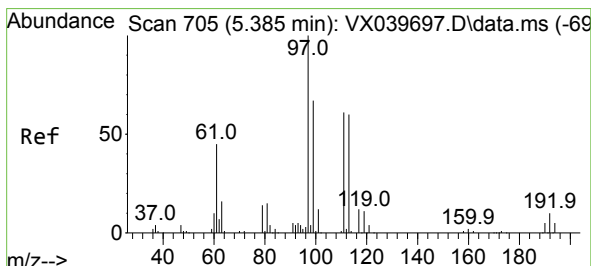
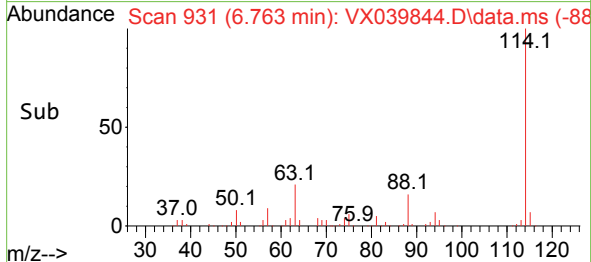
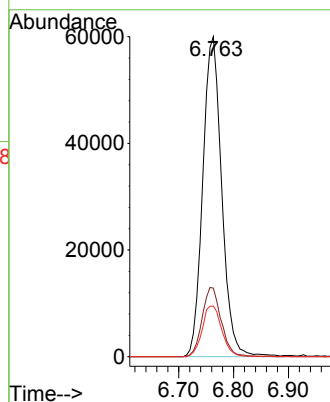
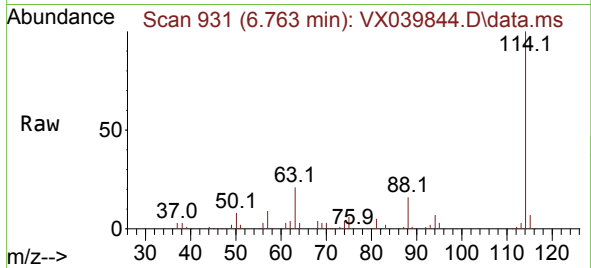




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

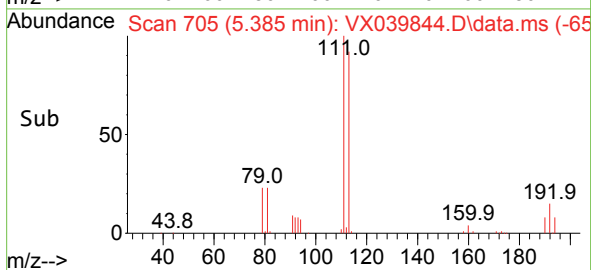
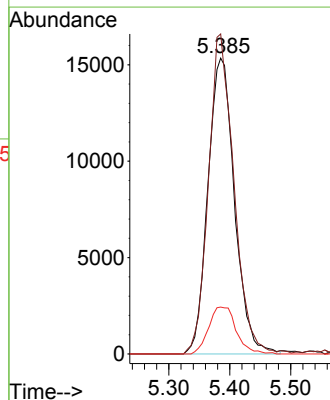
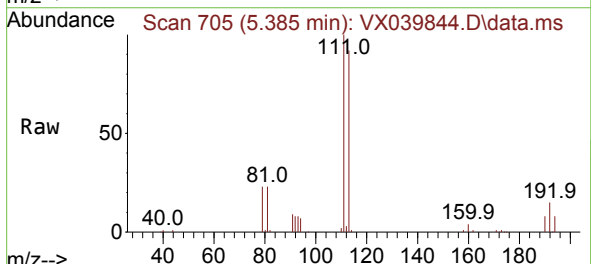
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SUMOGW

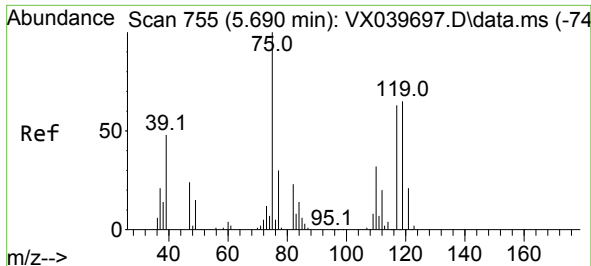
Tgt Ion:114 Resp: 143902
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.999 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Tgt Ion:113 Resp: 46523
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 16.5 13.3 19.9

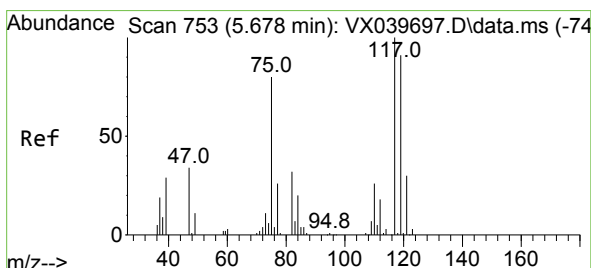
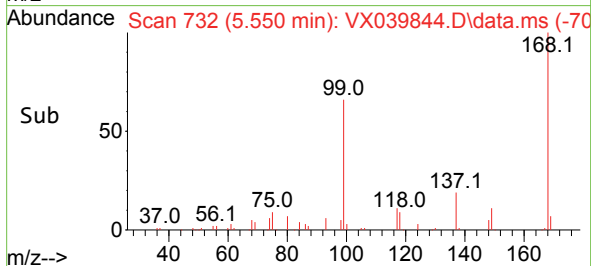
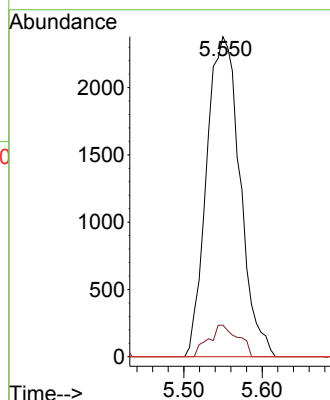
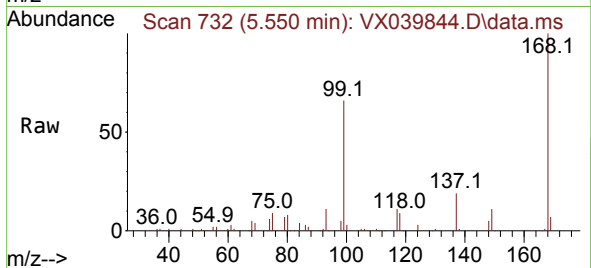




#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

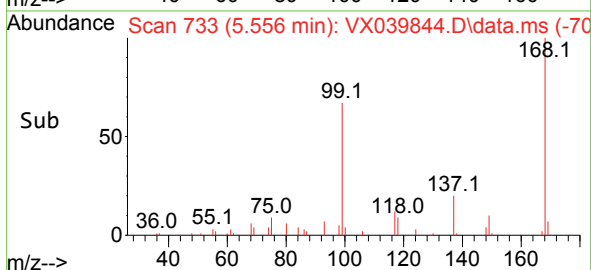
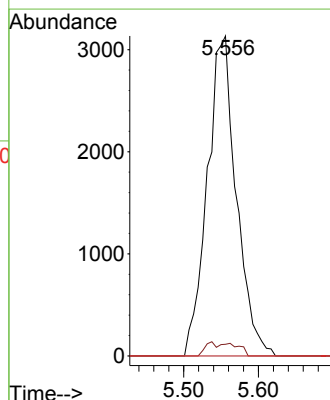
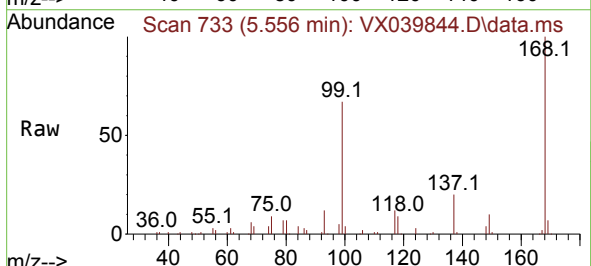
Instrument :
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ClientSampleId :
DUP-1-SUMOGW

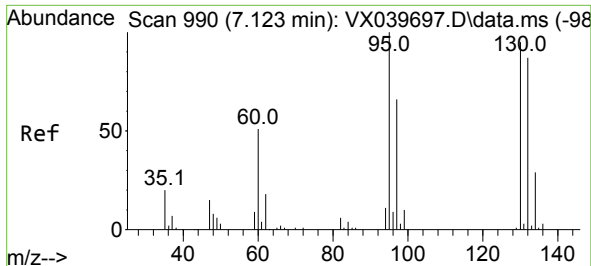
Tgt Ion: 75 Resp: 7049
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.121 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Tgt Ion: 117 Resp: 8458
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

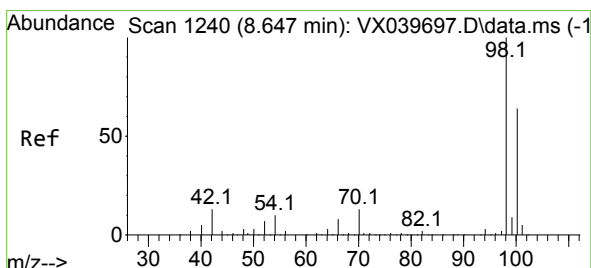
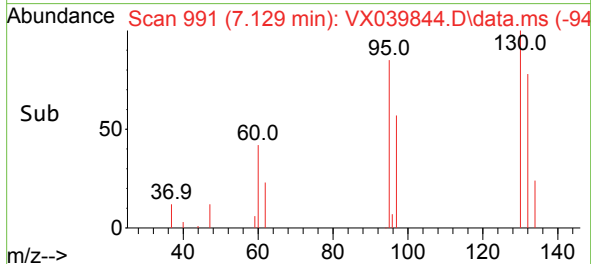
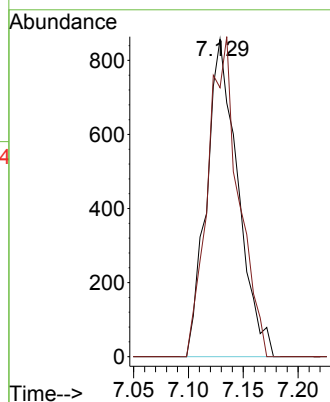
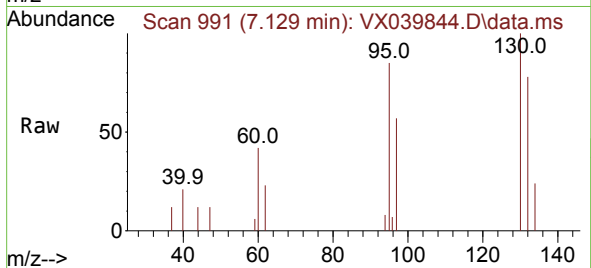




#44
Trichloroethene
Concen: 1.622 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

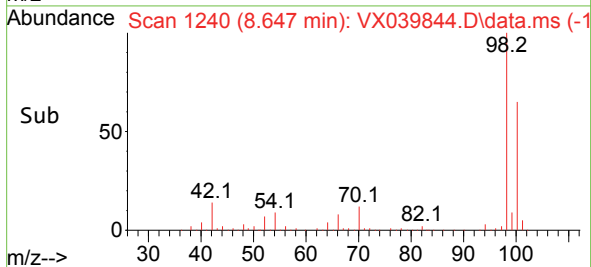
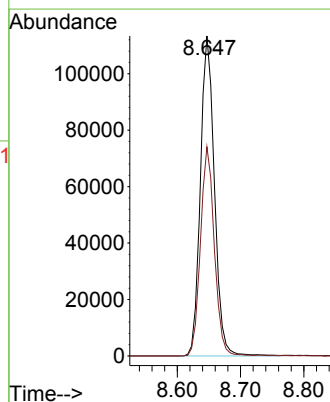
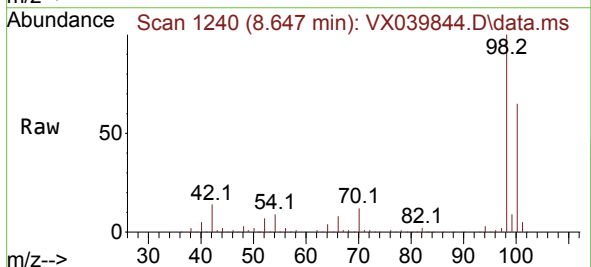
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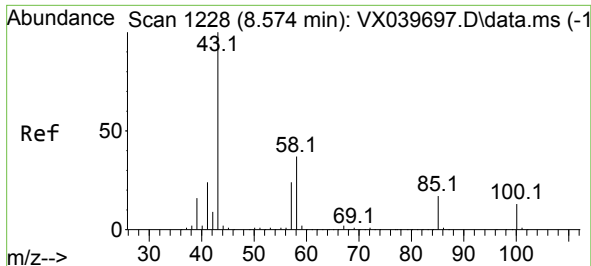
Tgt Ion:130 Resp: 1698
Ion Ratio Lower Upper
130 100
95 84.7 0.0 204.4



#50
Toluene-d8
Concen: 48.057 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Tgt Ion: 98 Resp: 175676
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

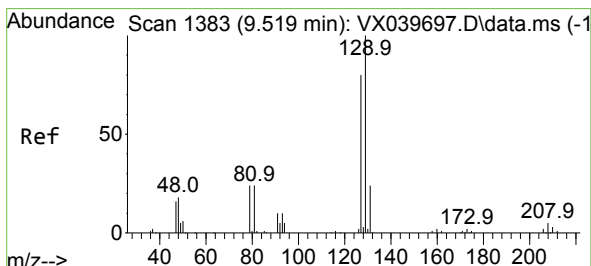
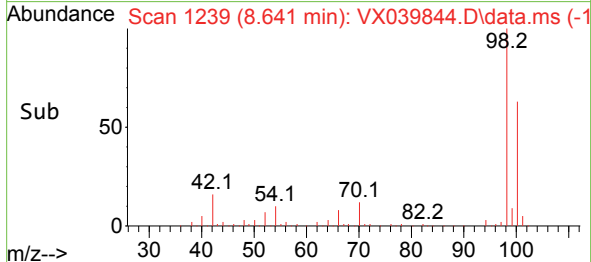
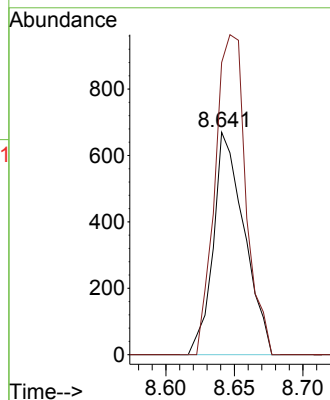
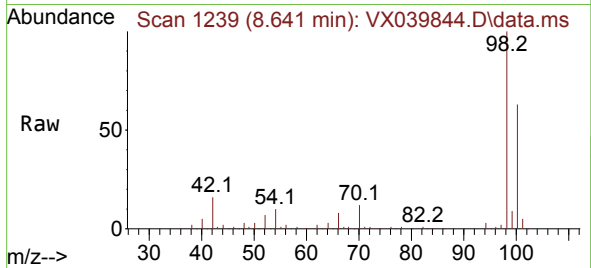




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

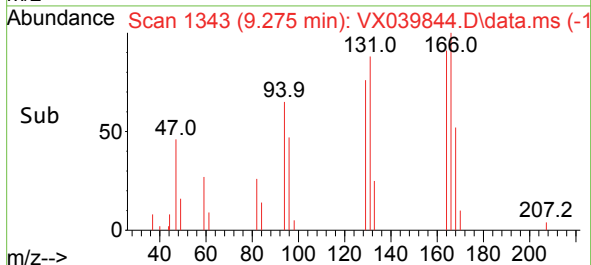
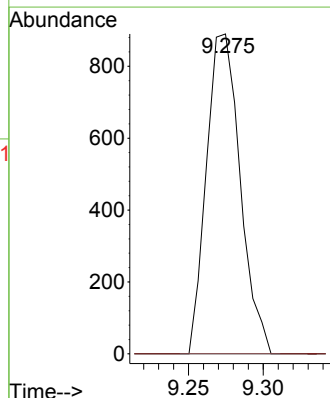
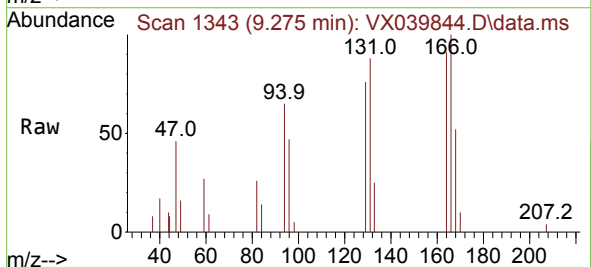
Instrument :
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DUP-1-SUMOGW

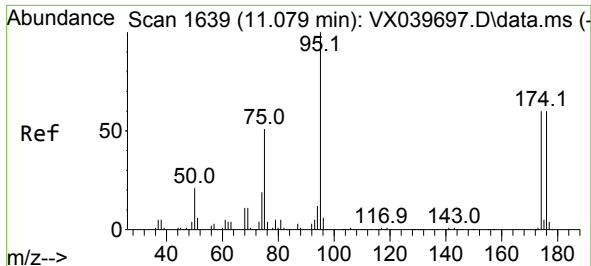
Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
58 143.7 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.366 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Tgt Ion: 129 Resp: 1399
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

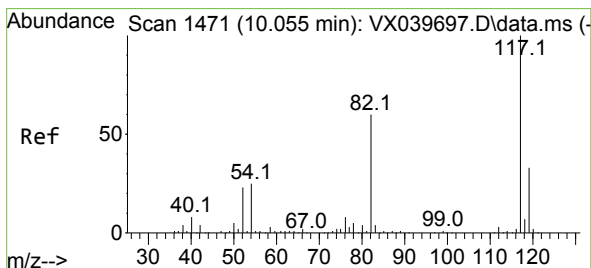
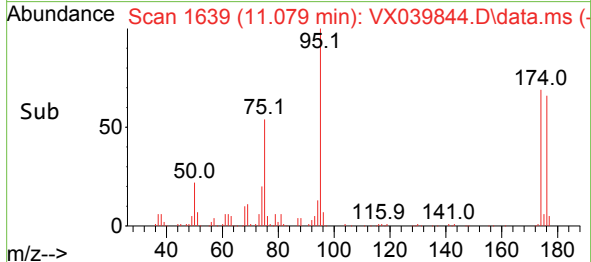
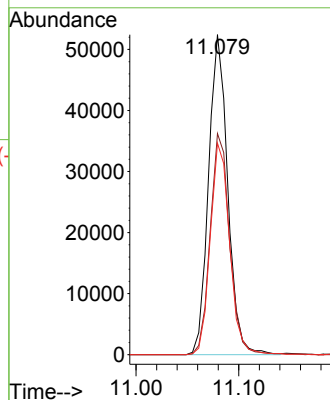
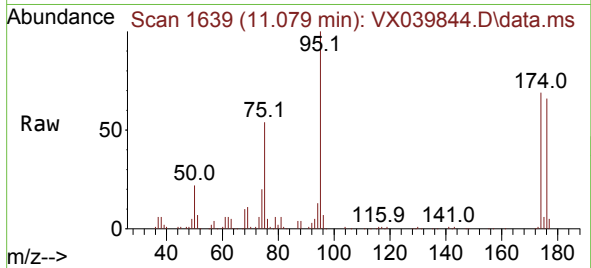




#62
4-Bromofluorobenzene
Concen: 47.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

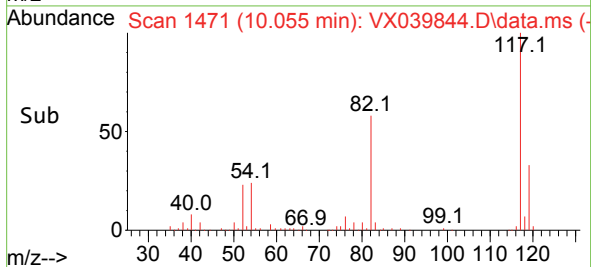
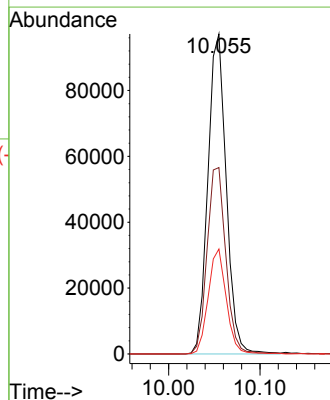
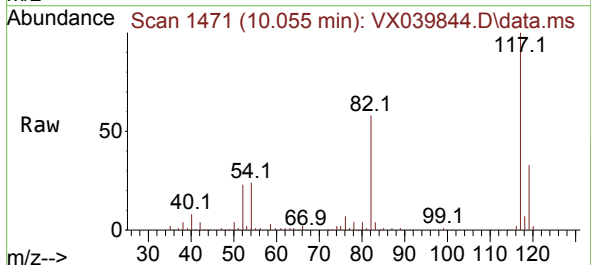
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SUMOGW

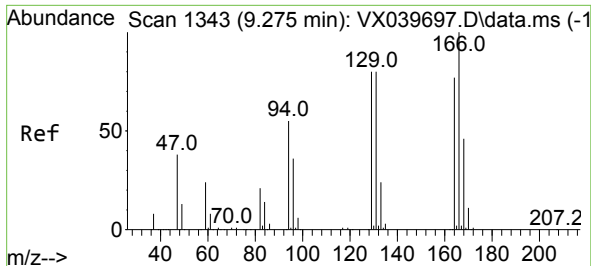
Tgt Ion: 95 Resp: 68115
Ion Ratio Lower Upper
95 100
174 70.4 0.0 135.6
176 66.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Tgt Ion: 117 Resp: 135193
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.8 25.5 38.3

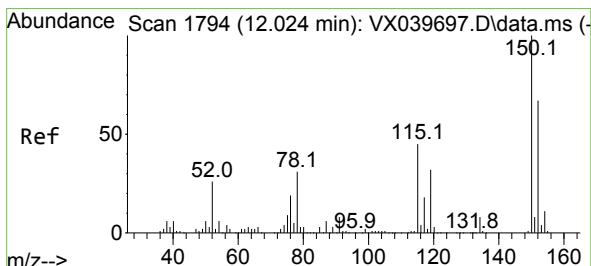
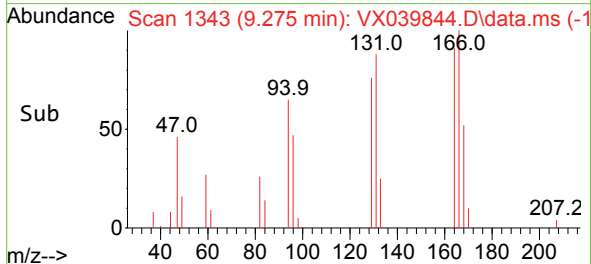
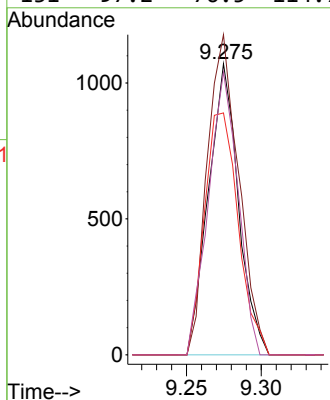
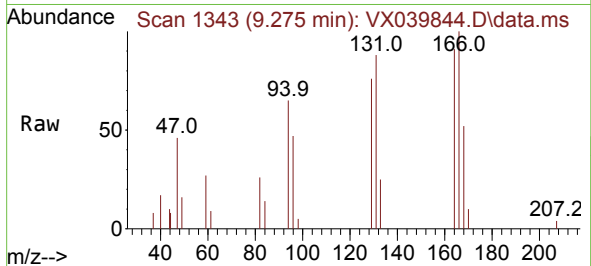




#64
Tetrachloroethene
Concen: 1.694 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

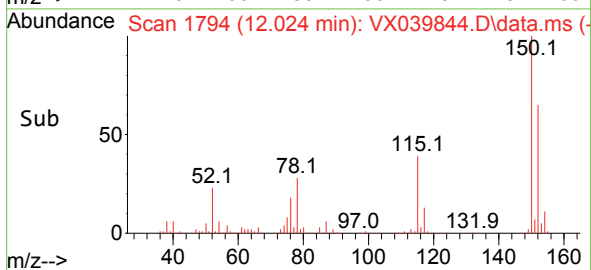
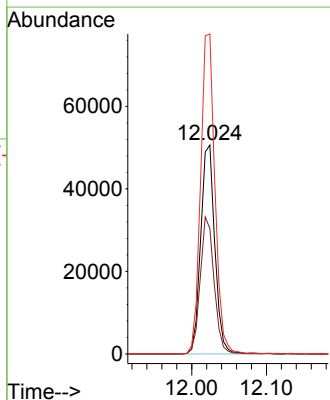
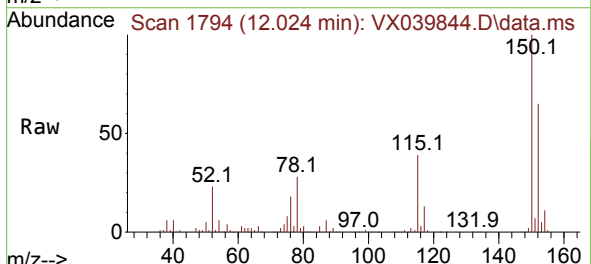
Instrument :
MSVOA_X
ClientSampleId :
DUP-1-SUMOGW

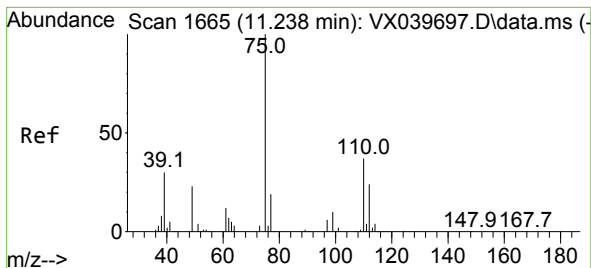
Tgt Ion:164 Resp: 1489
Ion Ratio Lower Upper
164 100
166 110.0 102.7 154.1
129 83.1 80.4 120.6
131 97.2 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039844.D
Acq: 19 Jan 2024 17:07

Tgt Ion:152 Resp: 66640
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.710 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039844.D

Acq: 19 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

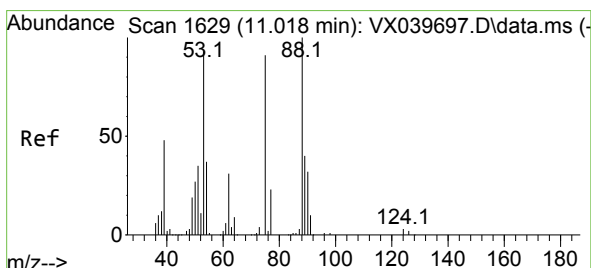
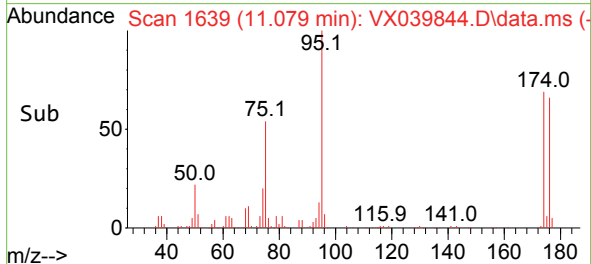
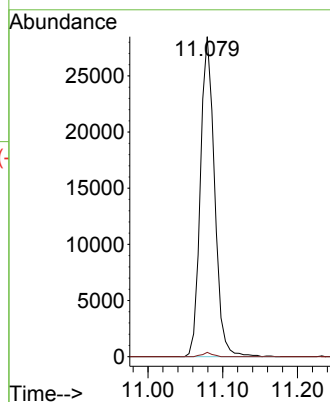
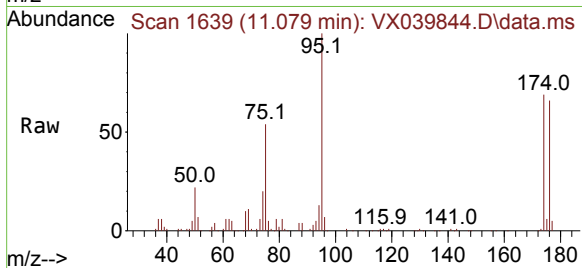
DUP-1-SUMOGW

Tgt Ion: 75 Resp: 37508

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.095 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039844.D

Acq: 19 Jan 2024 17:07

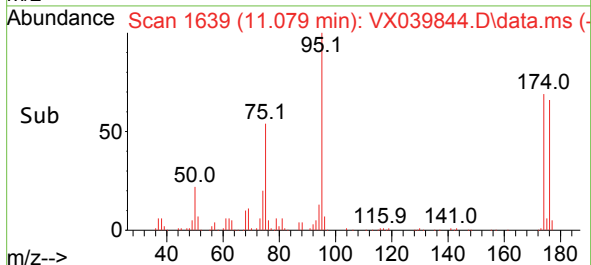
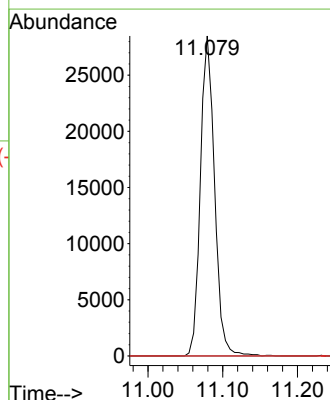
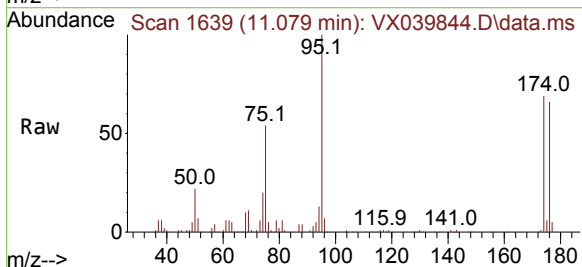
Tgt Ion: 75 Resp: 37508

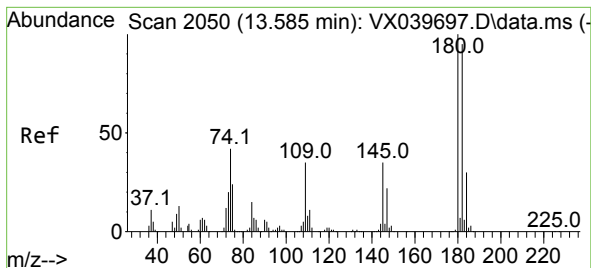
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 1.308 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039844.D

Acq: 19 Jan 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

DUP-1-SUMOGW

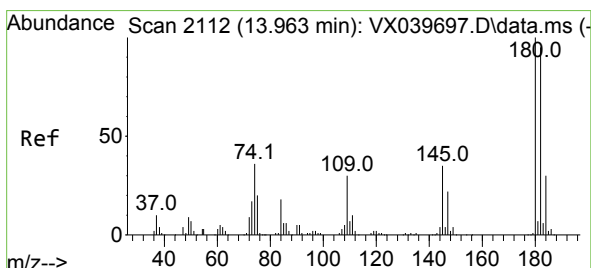
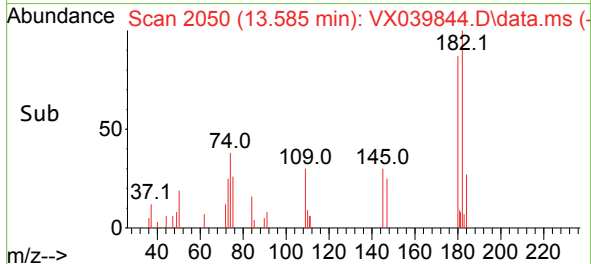
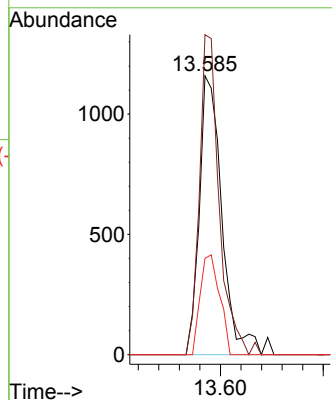
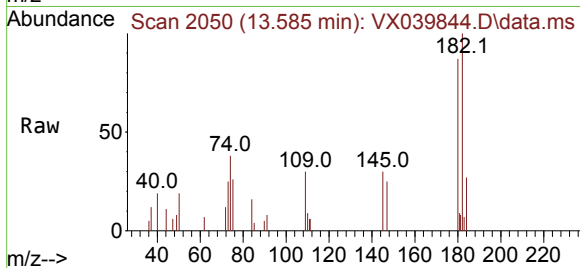
Tgt Ion:180 Resp: 1790

Ion Ratio Lower Upper

180 100

182 99.6 48.3 144.8

145 30.4 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 0.263 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX039844.D

Acq: 19 Jan 2024 17:07

Tgt Ion:180 Resp: 363

Ion Ratio Lower Upper

180 100

182 88.7 46.9 140.6

145 42.1 17.8 53.5

