

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037188.D
 Acq On : 23 Aug 2023 17:05
 Operator : JC/MD
 Sample : 04025-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20230814DL

Quant Time: Aug 24 05:34:59 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)

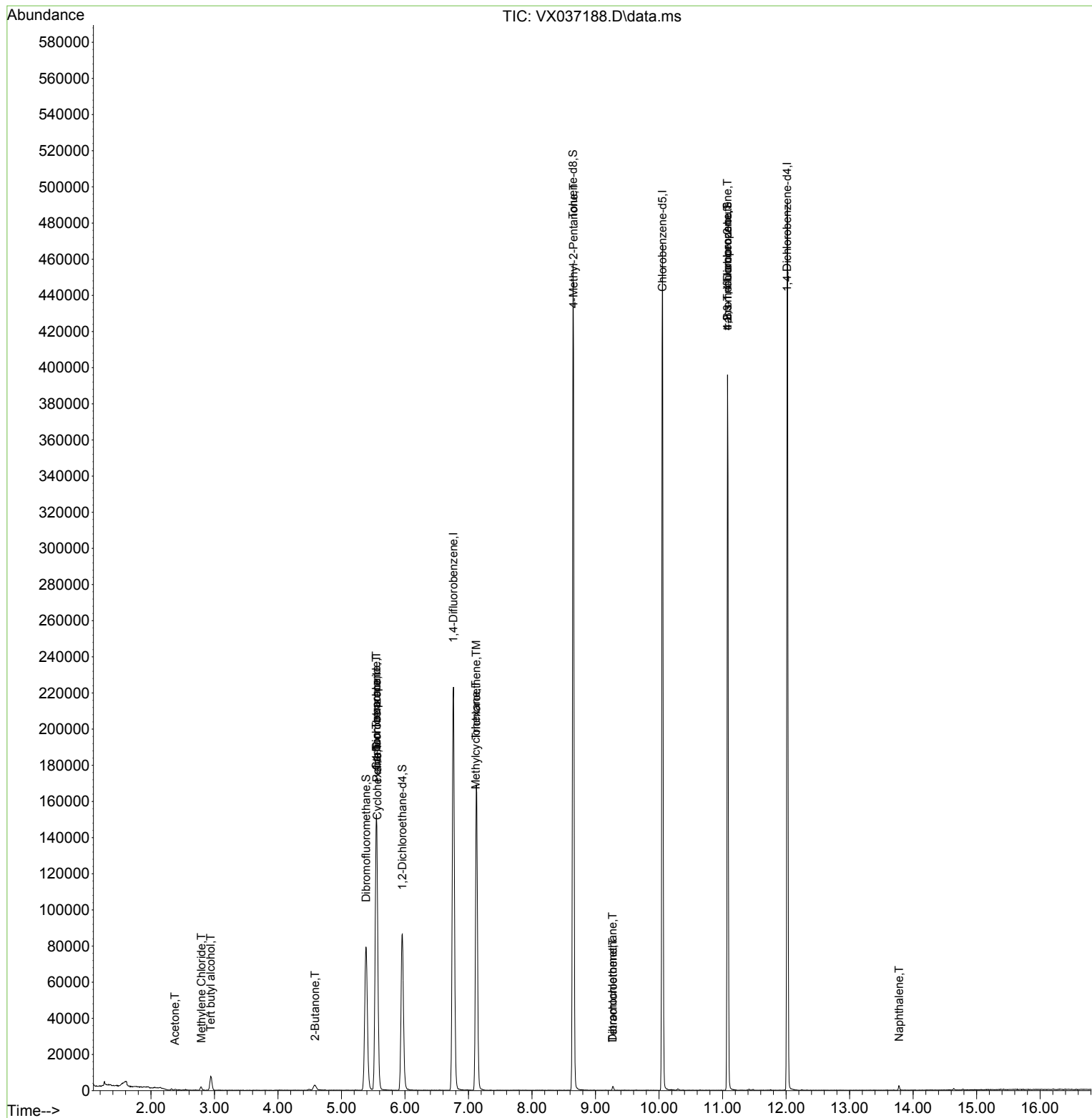
Internal Standards						
1) Pentafluorobenzene	5.556	168	141703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88825	43.480	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.960%		
35) Dibromofluoromethane	5.385	113	70809	45.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.720%		
50) Toluene-d8	8.647	98	273167	48.770	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.079	95	107111	48.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.320%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	4891	10.206	ug/l #	78
16) Acetone	2.379	43	565	0.707	ug/l #	86
20) Methylene Chloride	2.794	84	942	0.527	ug/l #	79
25) 2-Butanone	4.586	43	268	0.223	ug/l #	51
31) Cyclohexane	5.562	56	2839	1.236	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	11705	5.335	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15271	6.408	ug/l #	16
39) Methylcyclohexane	7.116	83	741	0.321	ug/l #	1
44) Trichloroethene	7.123	130	67019	37.565	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	1167	0.540	ug/l #	1
60) Dibromochloromethane	9.268	129	376	0.209	ug/l #	11
64) Tetrachloroethene	9.275	164	448	0.290	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	55184	25.599	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55184	71.500	ug/l #	5
95) Naphthalene	13.780	128	2350	0.278	ug/l	94

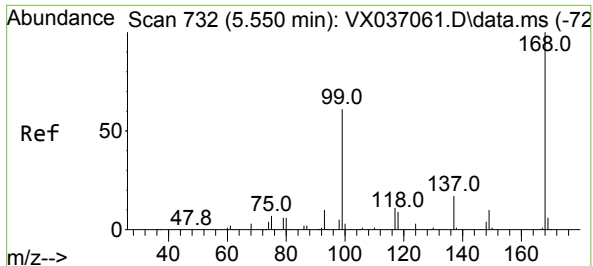
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
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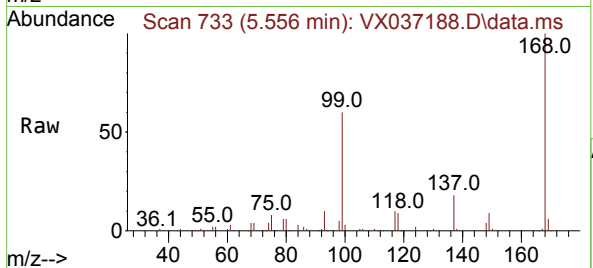
Quant Time: Aug 24 05:34:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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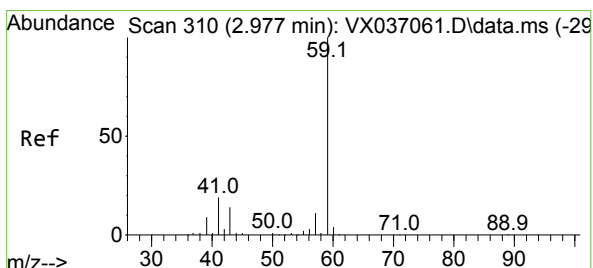
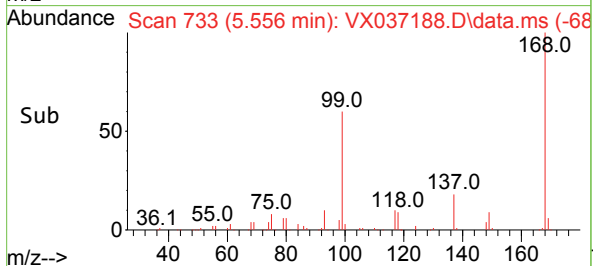
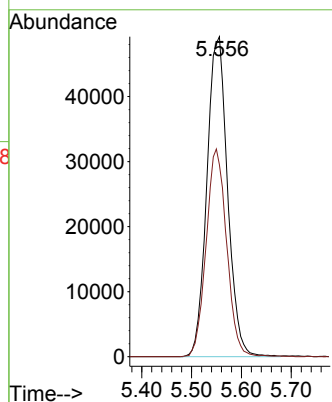


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814DL

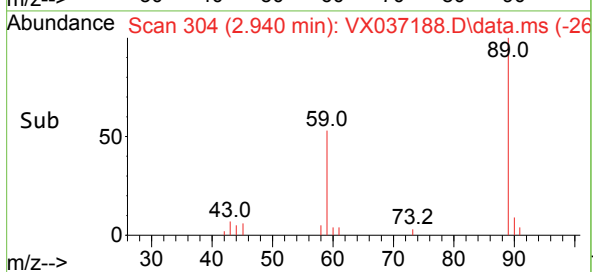
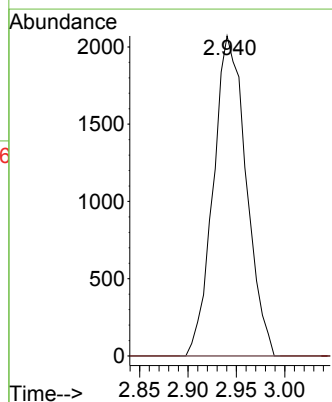
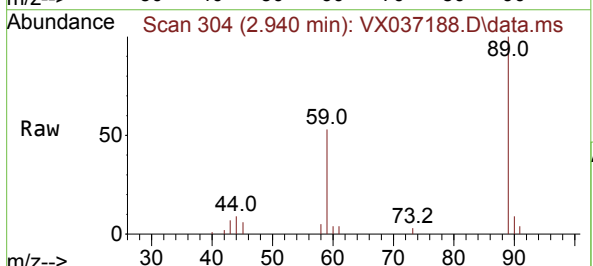


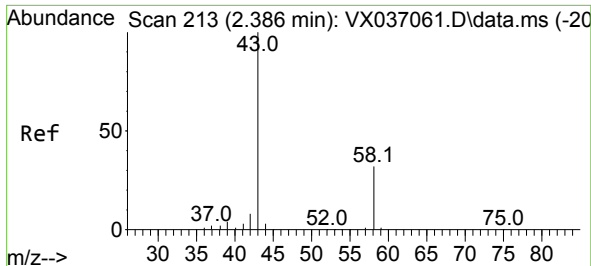
Tgt Ion:168 Resp: 141703
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 10.206 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Tgt Ion: 59 Resp: 4891
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

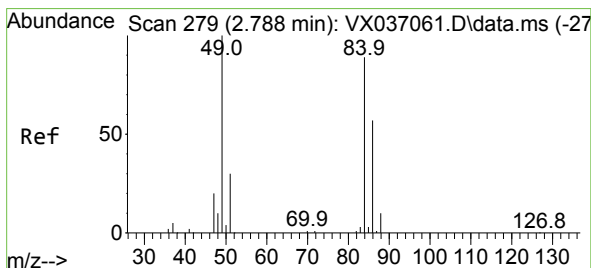
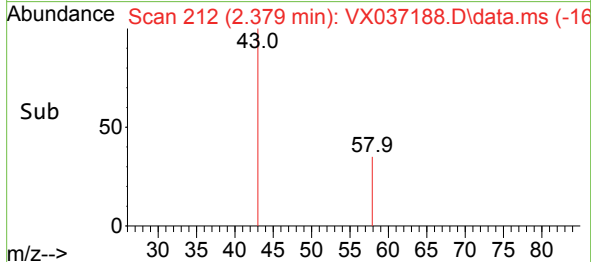
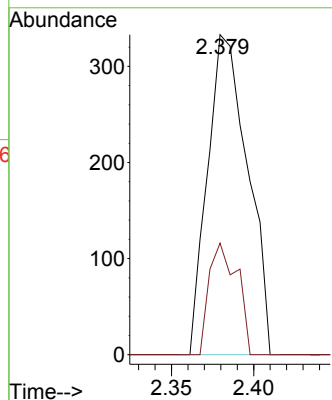
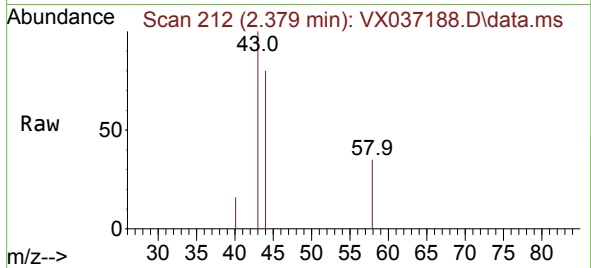




#16
Acetone
Concen: 0.707 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

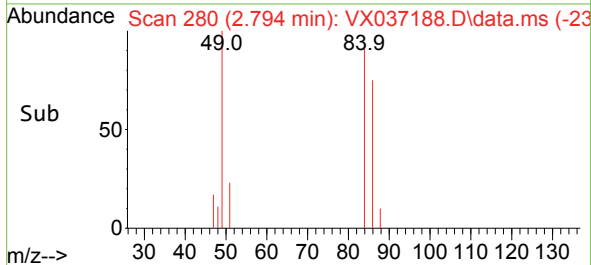
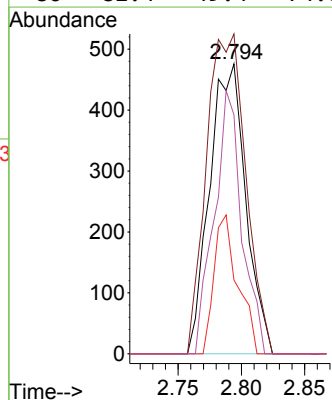
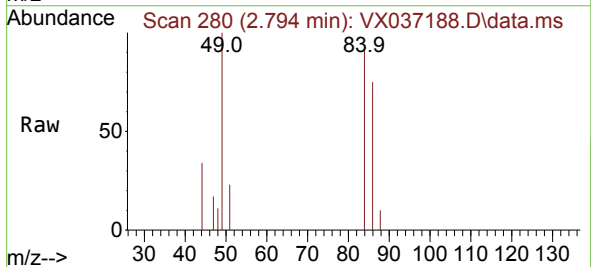
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814DL

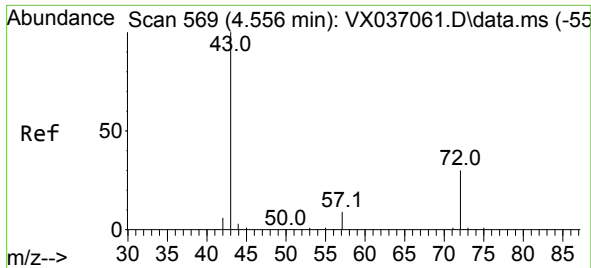
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.527 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Tgt Ion: 84 Resp: 942
Ion Ratio Lower Upper
84 100
49 110.3 103.6 155.4
51 25.4 33.8 50.6#
86 82.4 49.4 74.0#

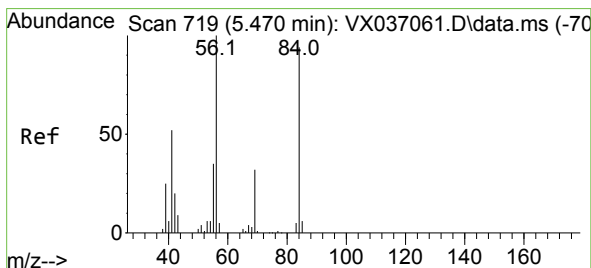
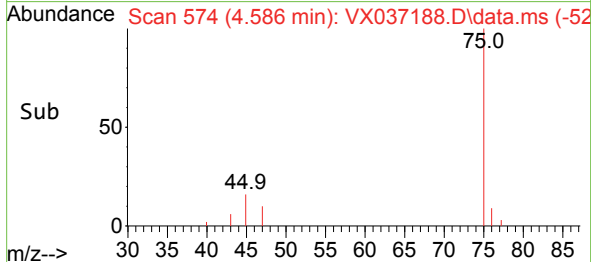
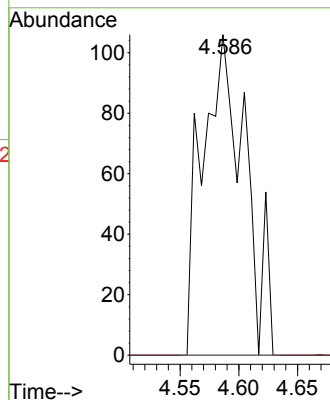
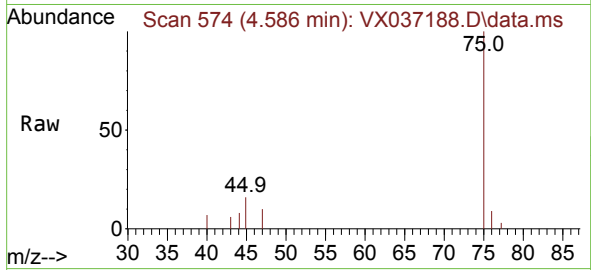




#25
2-Butanone
Concen: 0.223 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

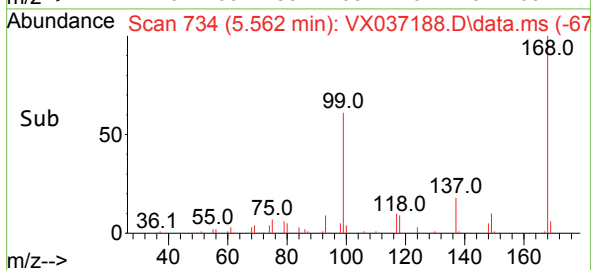
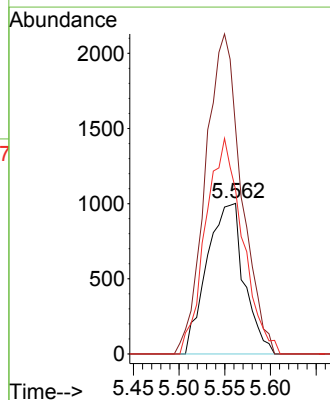
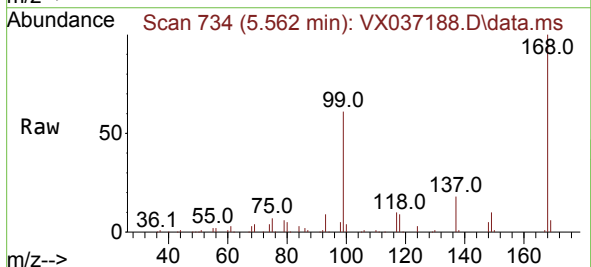
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814DL

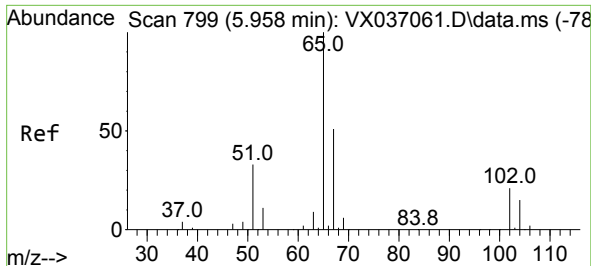
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Tgt Ion: 56 Resp: 2839
Ion Ratio Lower Upper
56 100
69 150.1 23.4 35.2#
84 109.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.480 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037188.D

Acq: 23 Aug 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

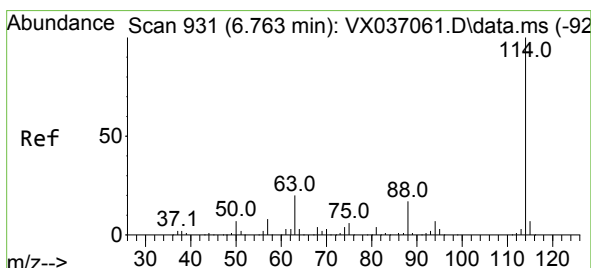
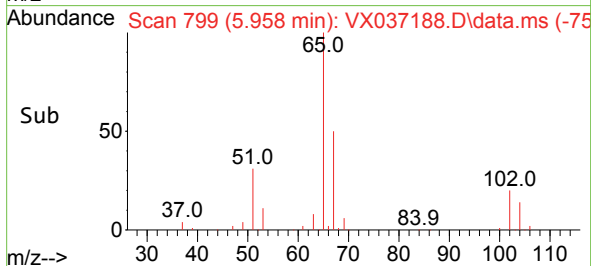
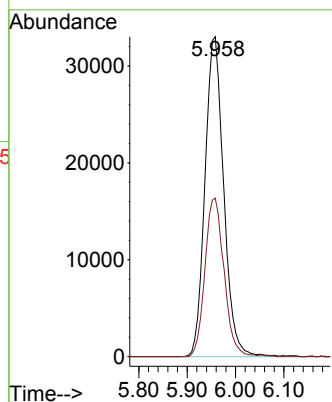
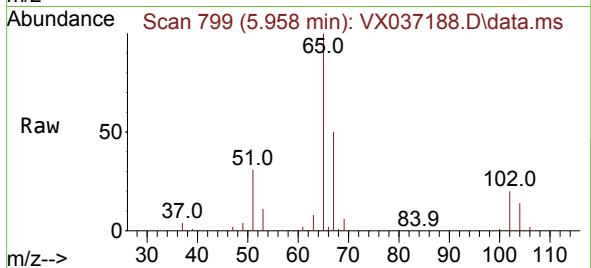
DUP06-20230814DL

Tgt Ion: 65 Resp: 88825

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: VX037188.D

Acq: 23 Aug 2023 17:05

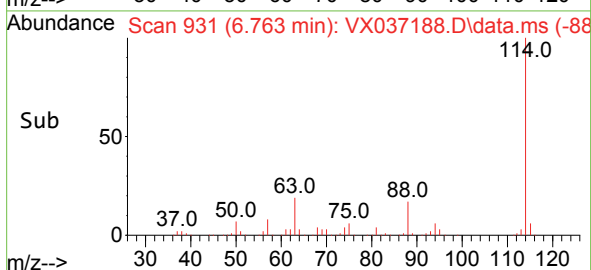
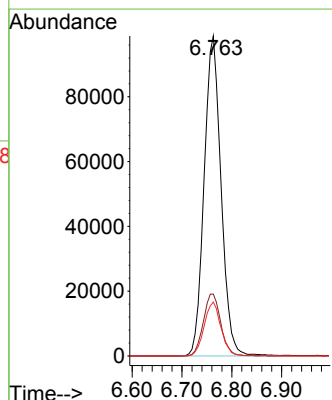
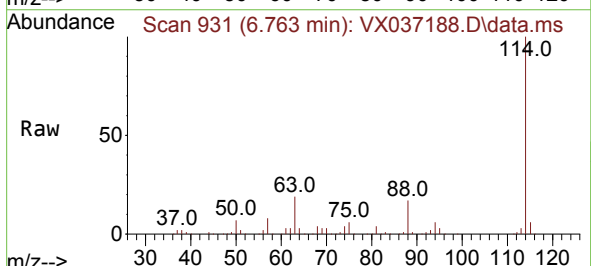
Tgt Ion: 114 Resp: 233156

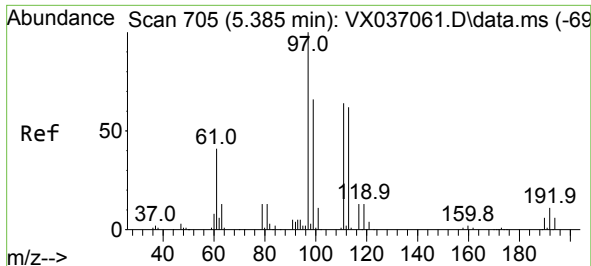
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 16.9 0.0 36.6

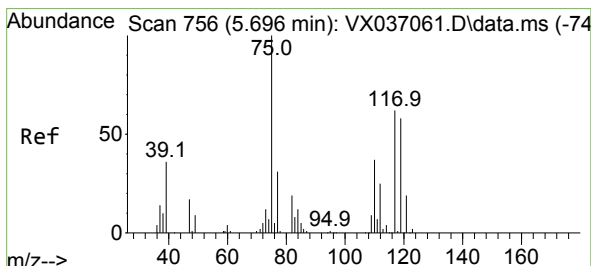
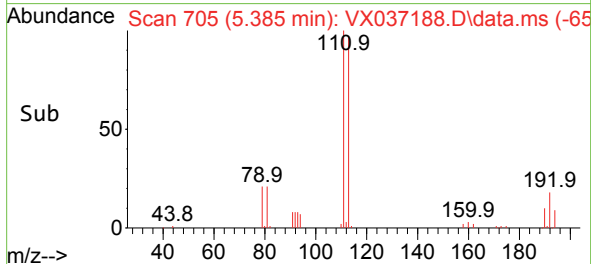
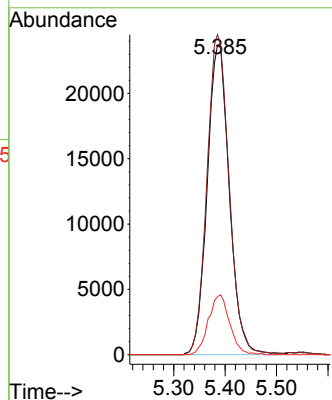
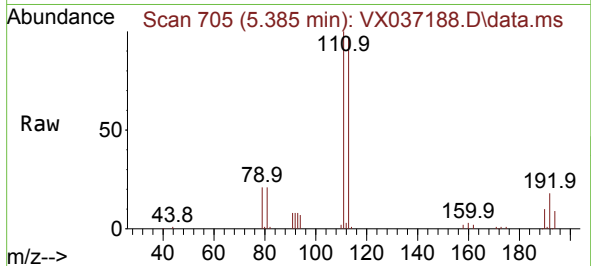




#35
Dibromofluoromethane
Concen: 45.857 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

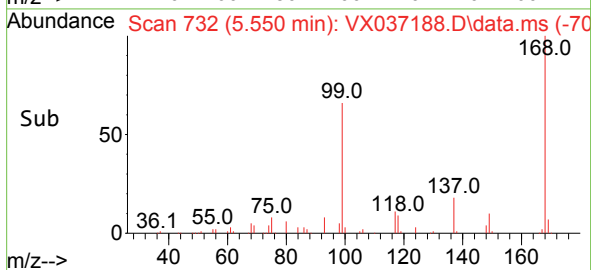
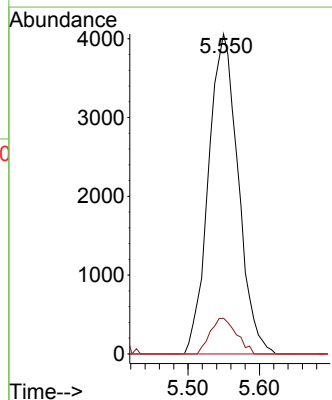
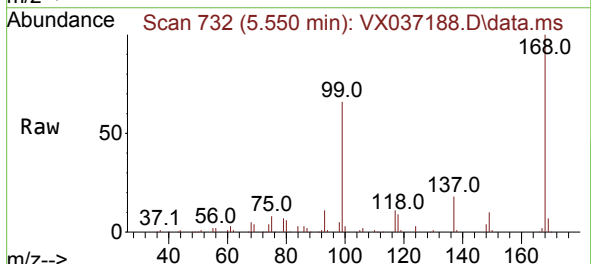
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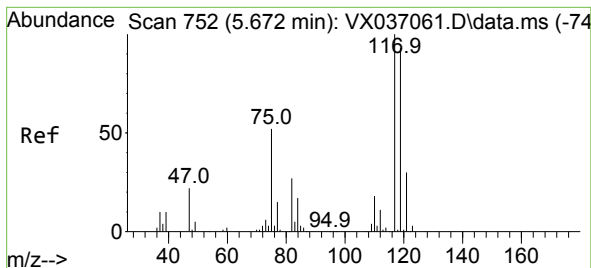
Tgt Ion:	113	Resp:	70809
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.6	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.335 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Tgt Ion:	75	Resp:	11705
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.0	50.9#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.408 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037188.D

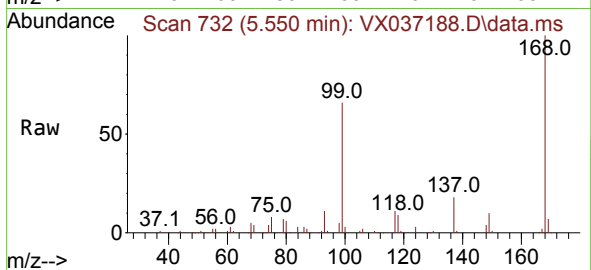
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Instrument :

MSVOA_X

ClientSampleId :

DUP06-20230814DL



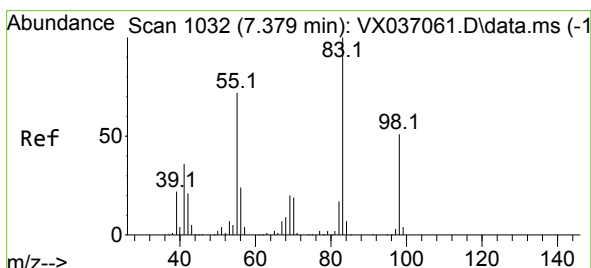
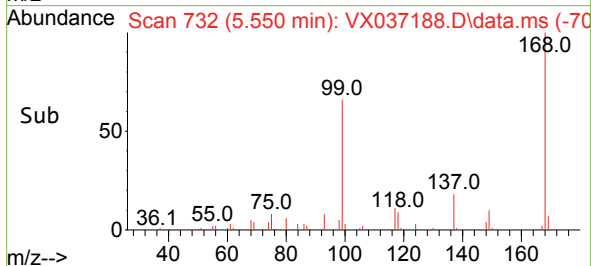
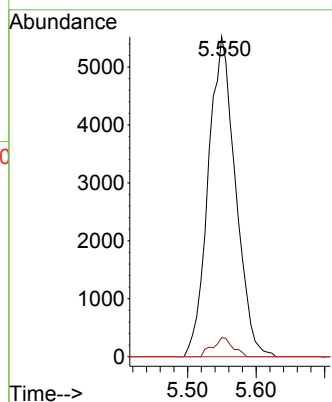
Tgt Ion:117 Resp: 15271

Ion Ratio Lower Upper

117 100

119 6.0 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.321 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.262 min

Lab File: VX037188.D

Acq: 23 Aug 2023 17:05

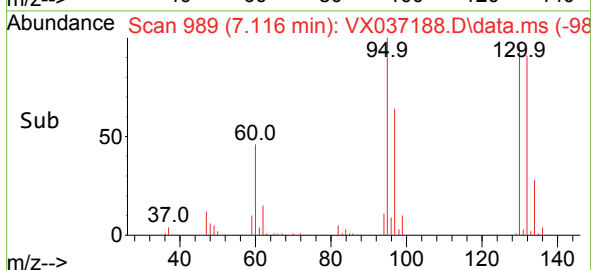
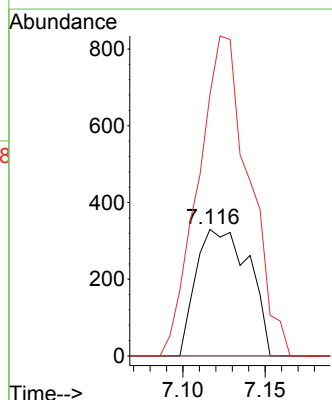
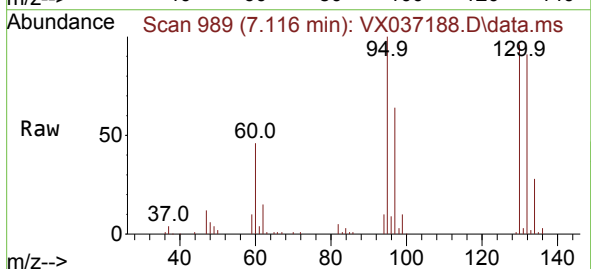
Tgt Ion: 83 Resp: 741

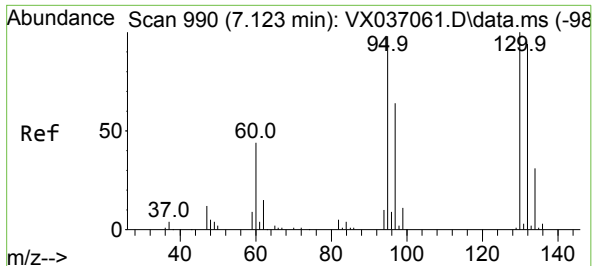
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 179.1 36.7 55.1#

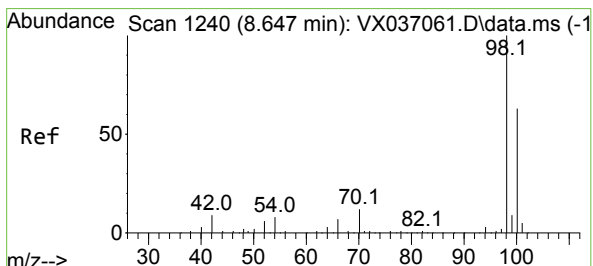
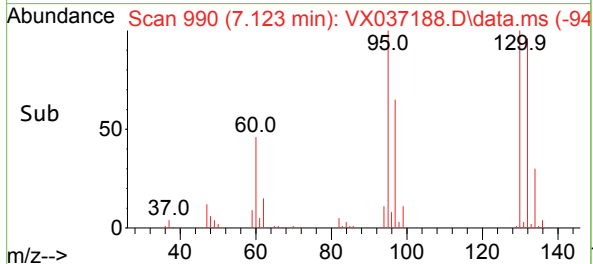
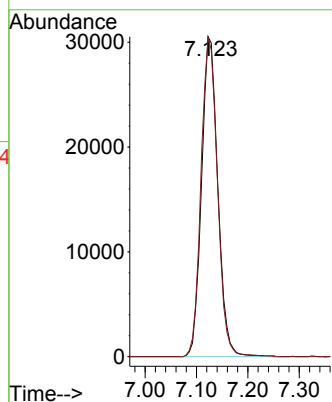
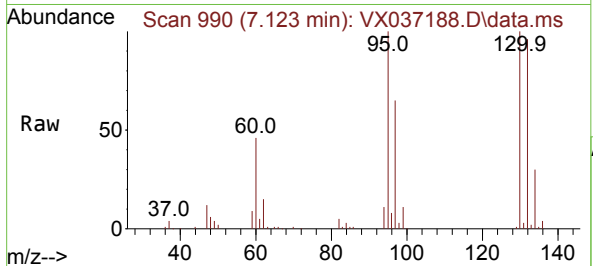




#44
Trichloroethene
Concen: 37.565 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

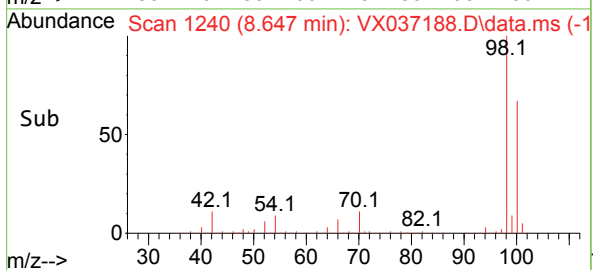
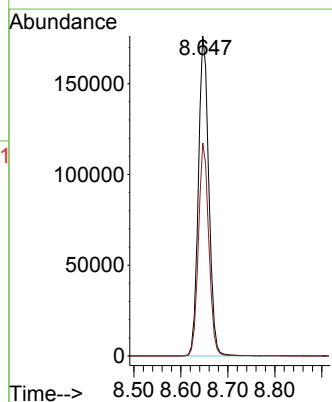
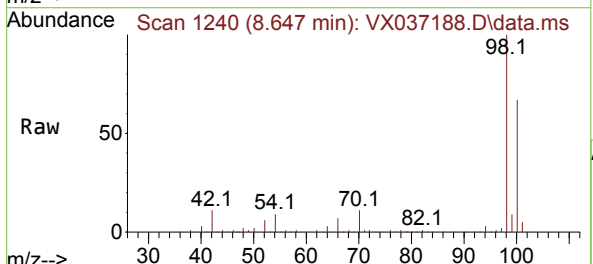
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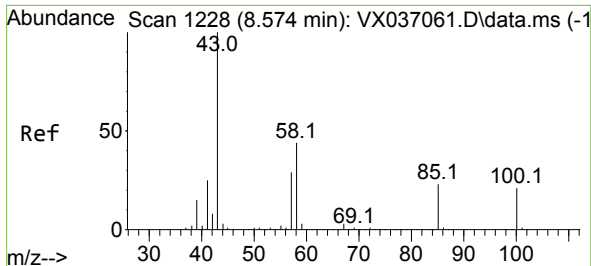
Tgt Ion:130 Resp: 67019
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.4



#50
Toluene-d8
Concen: 48.770 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Tgt Ion: 98 Resp: 273167
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

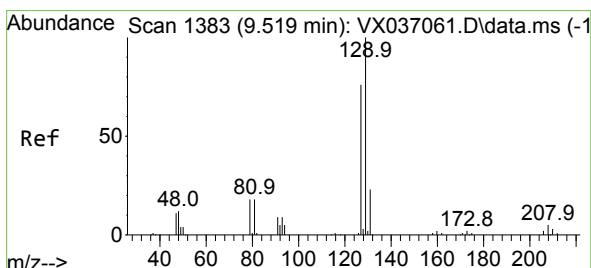
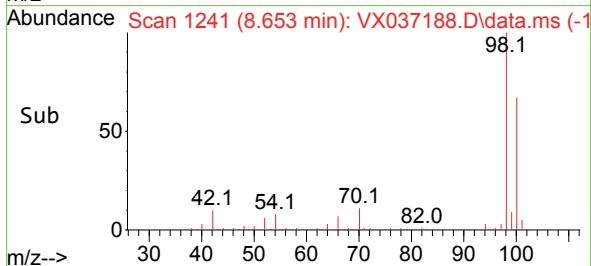
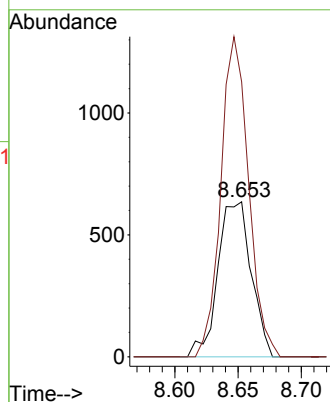
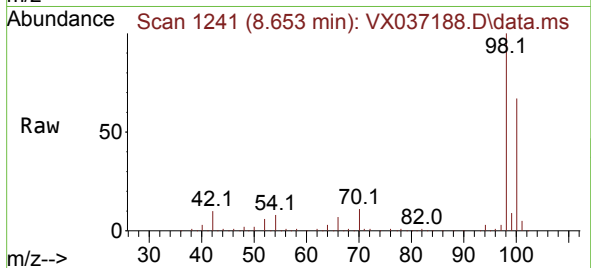




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.653 min Scan# 1167
Delta R.T. 0.079 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

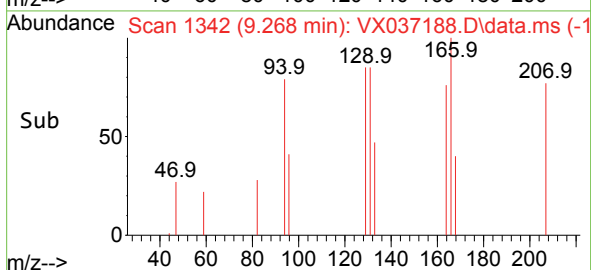
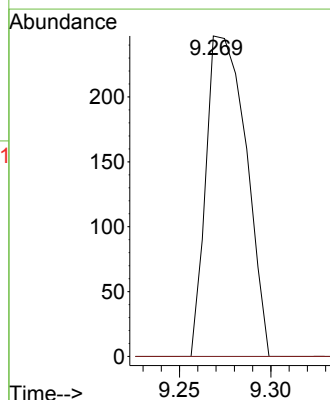
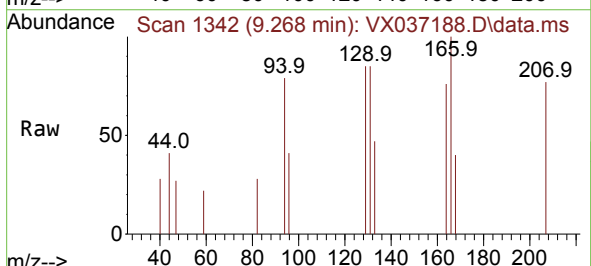
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814DL

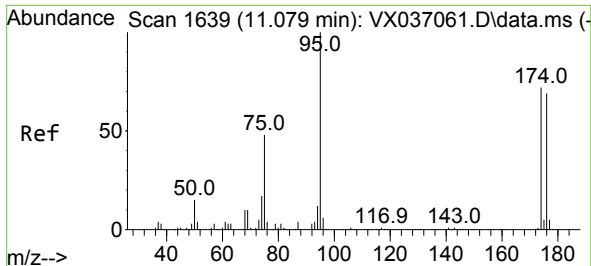
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 171.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.209 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Tgt Ion: 129 Resp: 376
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

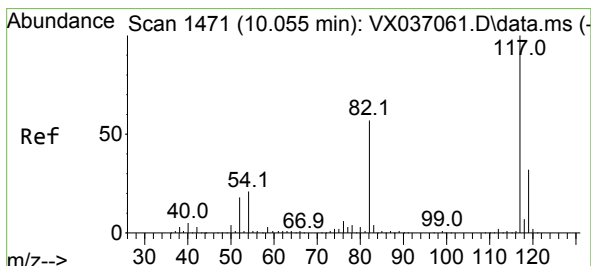
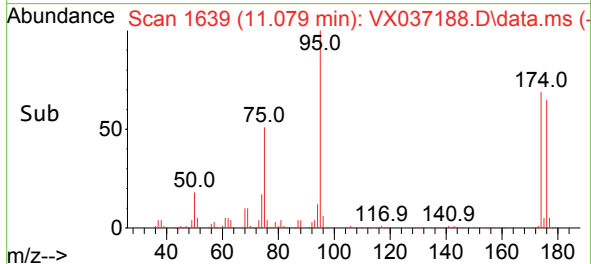
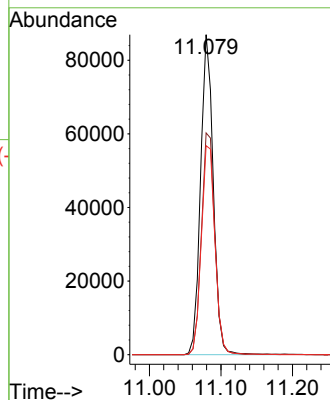
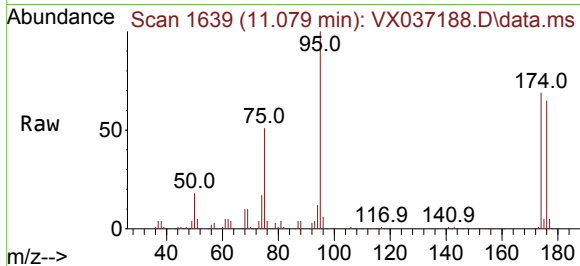




#62
4-Bromofluorobenzene
Concen: 48.661 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

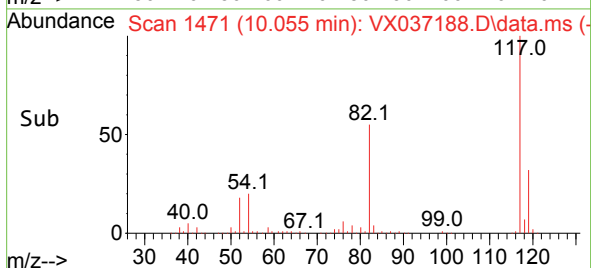
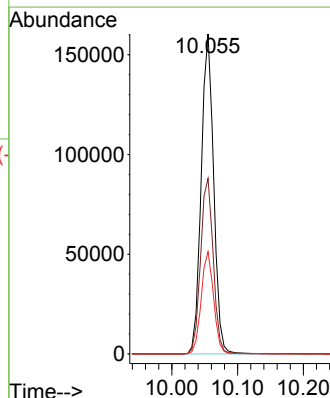
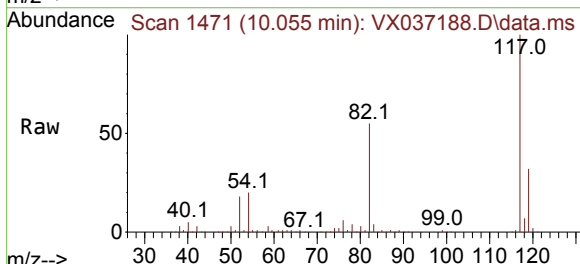
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814DL

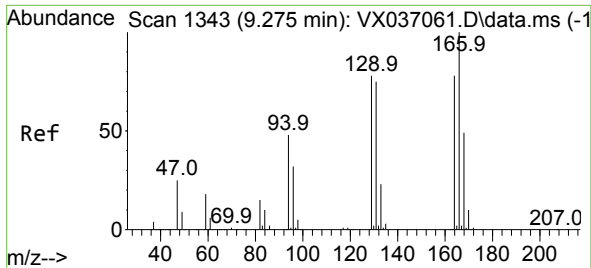
Tgt Ion: 95 Resp: 107111
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

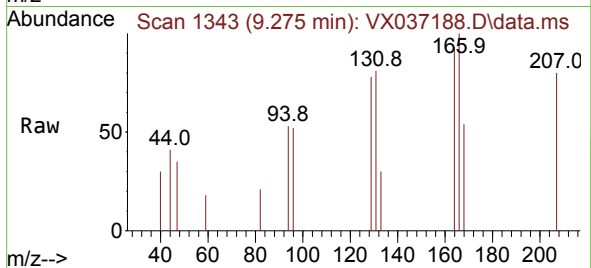
Tgt Ion: 117 Resp: 211651
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.9 25.5 38.3



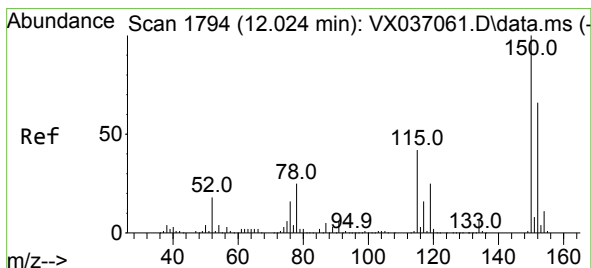
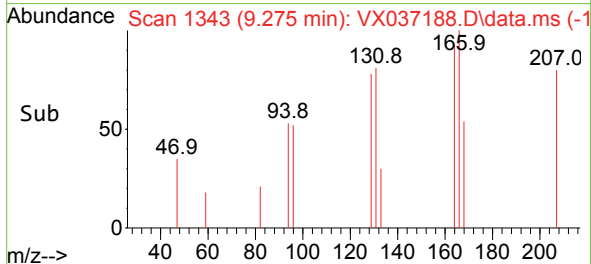
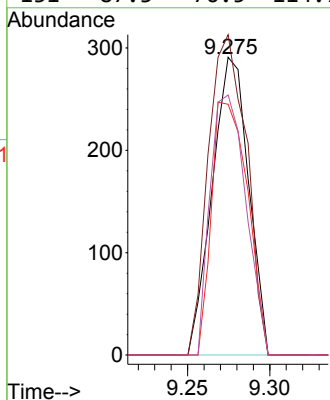


#64
Tetrachloroethene
Concen: 0.290 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20230814DL

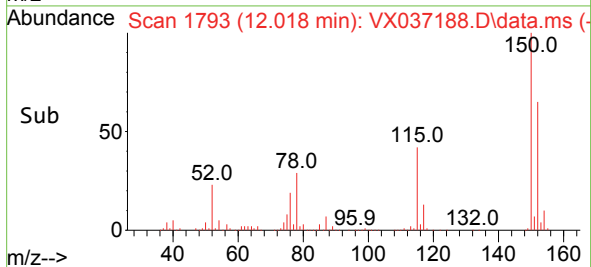
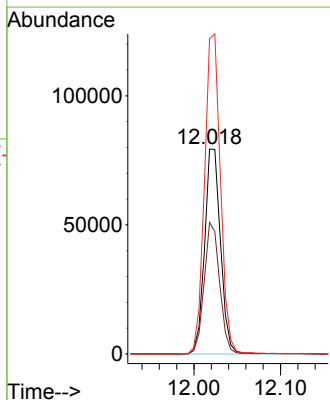
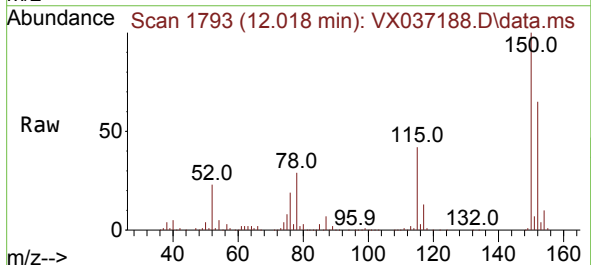


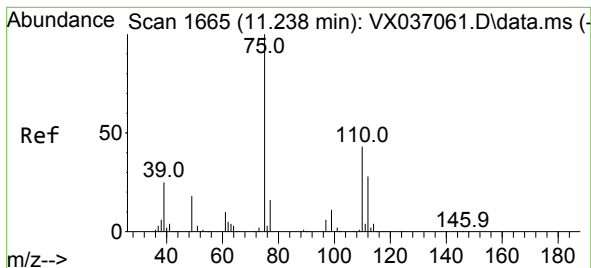
Tgt Ion:164 Resp: 448
Ion Ratio Lower Upper
164 100
166 107.6 102.7 154.1
129 84.2 80.4 120.6
131 87.3 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037188.D
Acq: 23 Aug 2023 17:05

Tgt Ion:152 Resp: 101221
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.599 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037188.D

Acq: 23 Aug 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

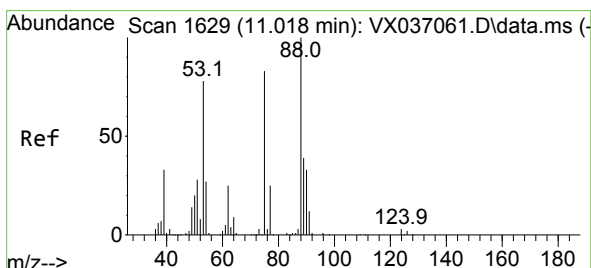
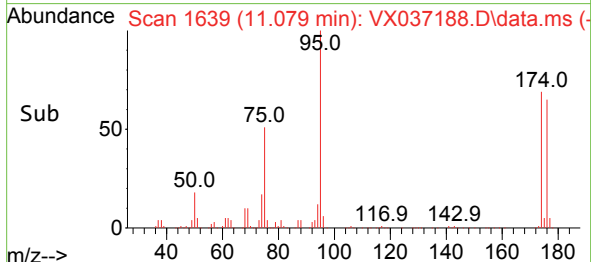
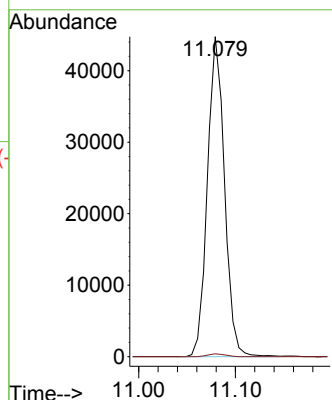
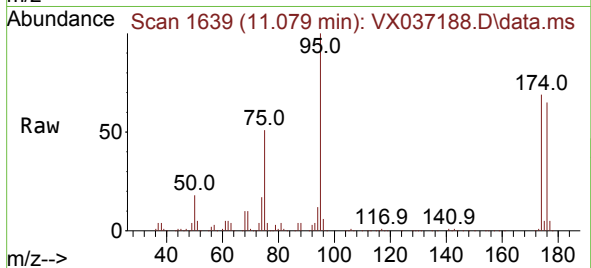
DUP06-20230814DL

Tgt Ion: 75 Resp: 55184

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.500 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037188.D

Acq: 23 Aug 2023 17:05

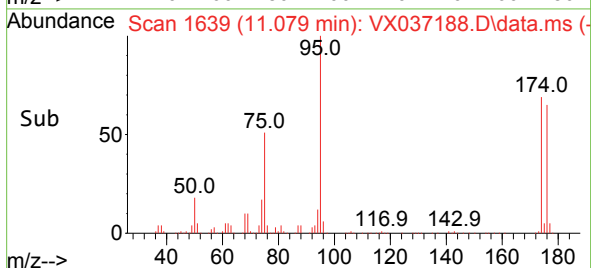
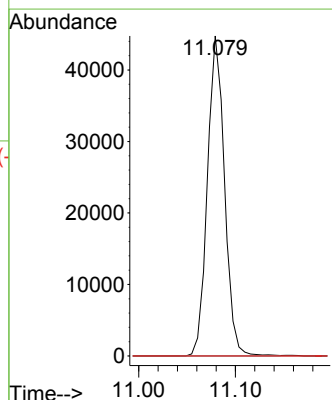
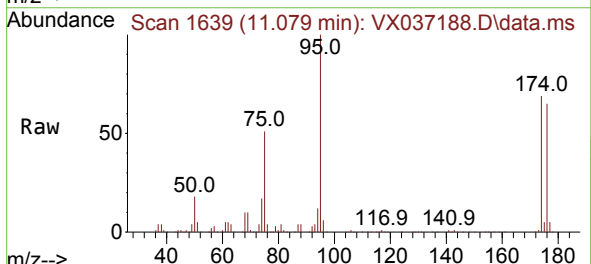
Tgt Ion: 75 Resp: 55184

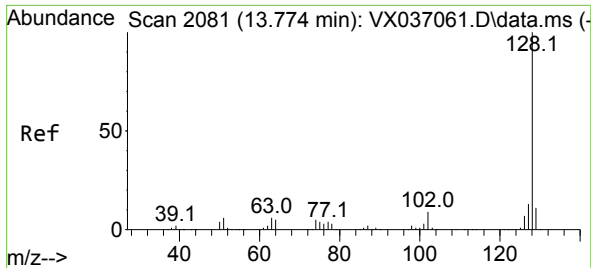
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.278 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX037188.D

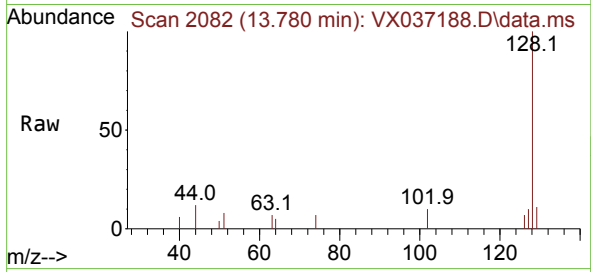
Acq: 23 Aug 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20230814DL



Tgt Ion:128 Resp: 2350

Ion Ratio Lower Upper

128 100

127 10.5 10.3 15.5

129 8.8 8.8 13.2

