

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037187.D
 Acq On : 23 Aug 2023 16:41
 Operator : JC/MD
 Sample : 04025-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 05:34:37 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)

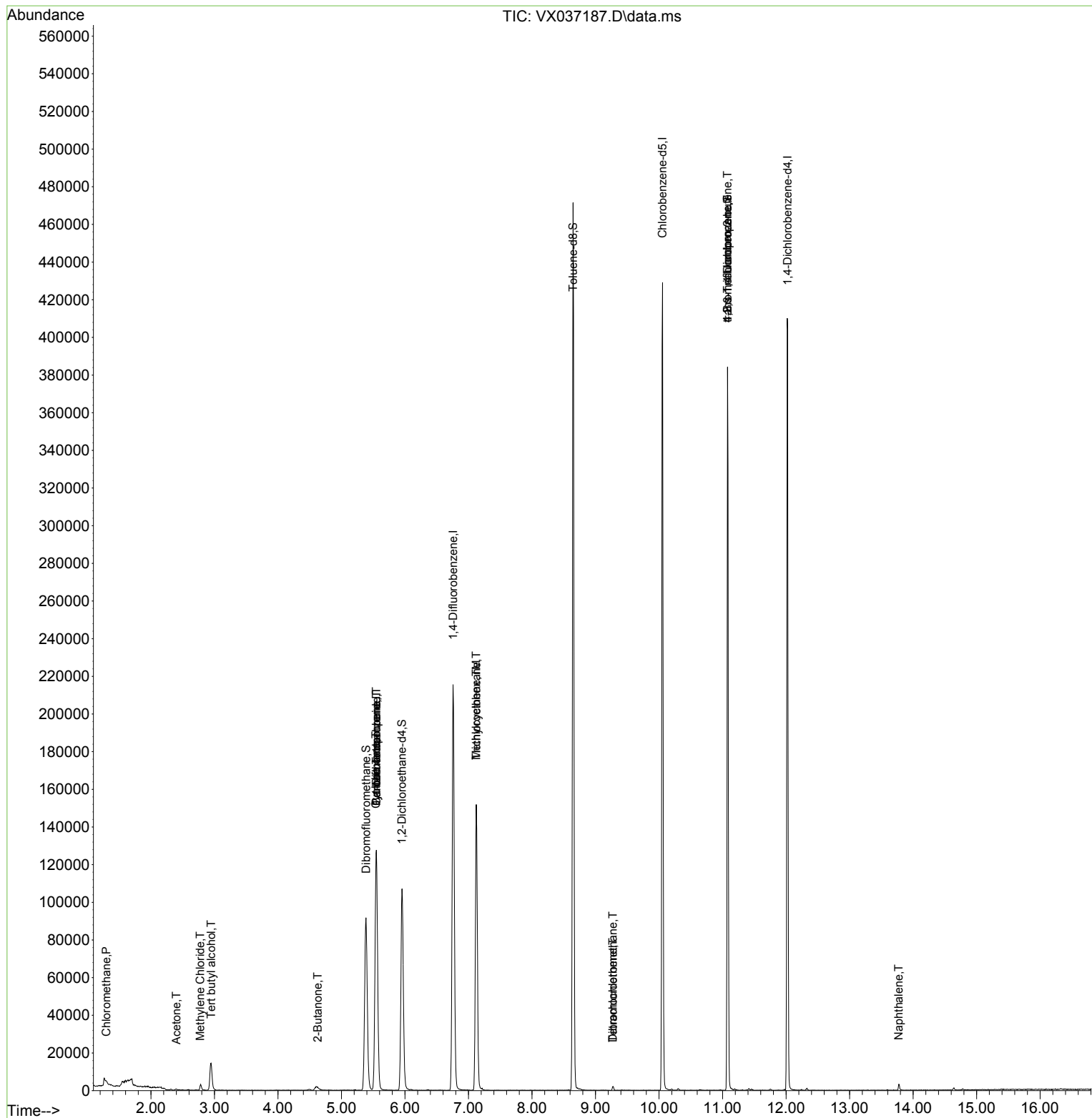
Internal Standards						
1) Pentafluorobenzene	5.550	168	117778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107039	63.039	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.080%#	
35) Dibromofluoromethane	5.385	113	80540	54.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.200%	
50) Toluene-d8	8.647	98	281797	52.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	11.079	95	103265	49.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	721	0.602	ug/l	100
11) Tert butyl alcohol	2.947	59	9231	23.176	ug/l #	82
16) Acetone	2.398	43	722	1.087	ug/l #	85
20) Methylene Chloride	2.776	84	1616	1.088	ug/l #	65
25) 2-Butanone	4.623	43	219	0.219	ug/l #	51
31) Cyclohexane	5.544	56	2592	1.358	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9584	4.573	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12956	5.691	ug/l #	14
39) Methylcyclohexane	7.123	83	668	0.303	ug/l #	1
44) Trichloroethene	7.123	130	59789	35.082	ug/l	96
60) Dibromochloromethane	9.275	129	414	0.240	ug/l #	11
64) Tetrachloroethene	9.275	164	371	0.254	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	52793	28.342	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52793	79.161	ug/l #	5
95) Naphthalene	13.774	128	2809	0.385	ug/l	98

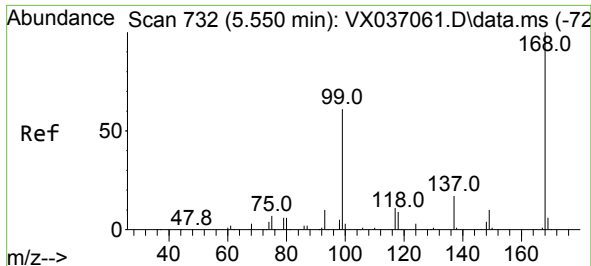
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
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MSVOA_X
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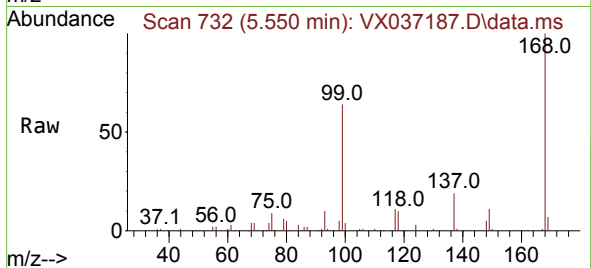
Quant Time: Aug 24 05:34:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



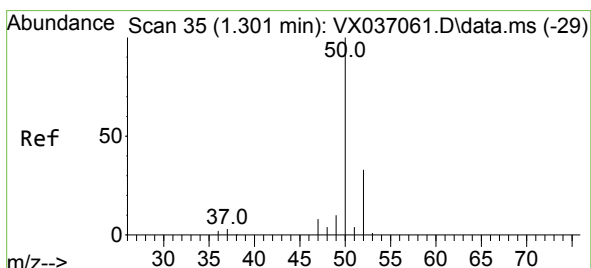
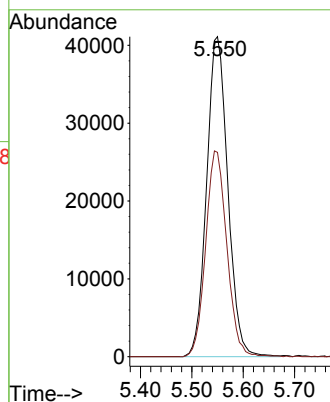
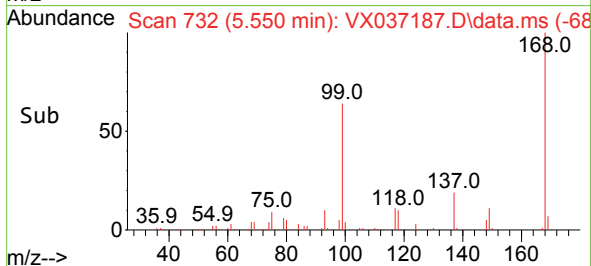


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :

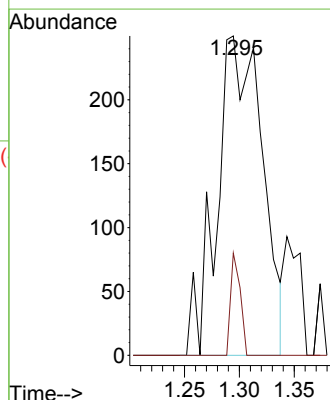
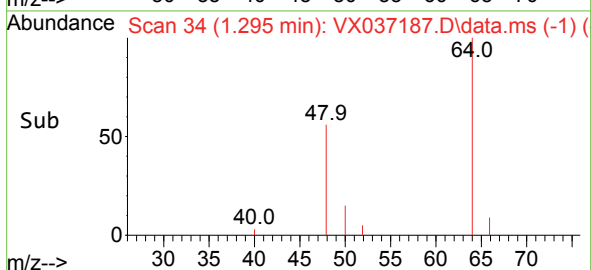
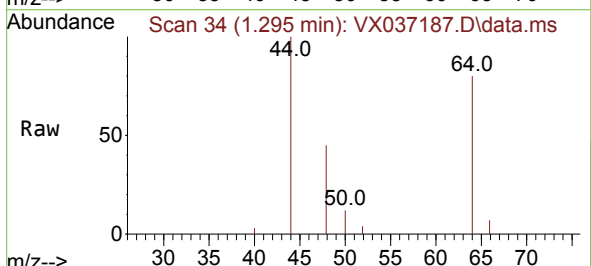


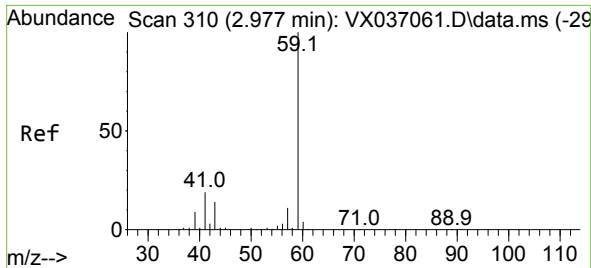
Tgt Ion:168 Resp: 117778
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#3
Chloromethane
Concen: 0.602 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

Tgt Ion: 50 Resp: 721
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

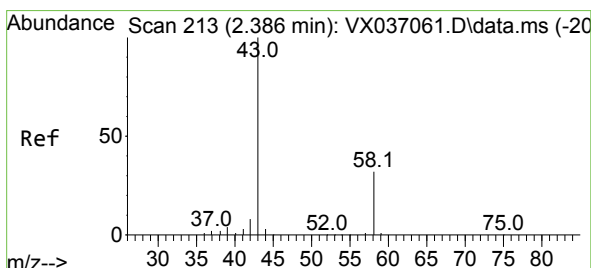
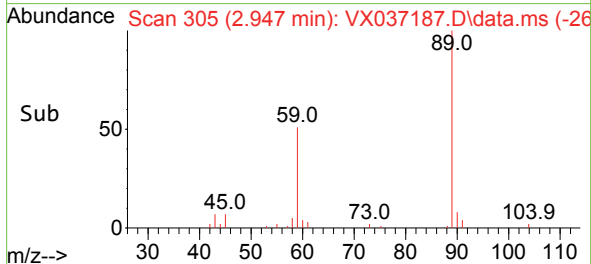
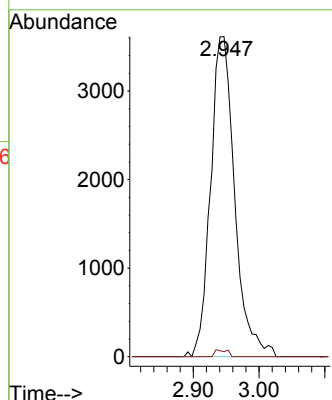
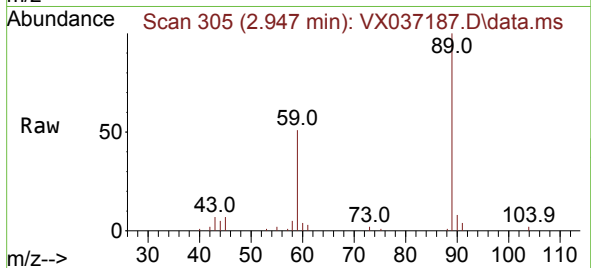




#11
Tert butyl alcohol
Concen: 23.176 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

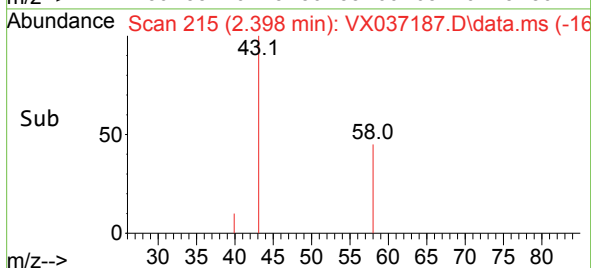
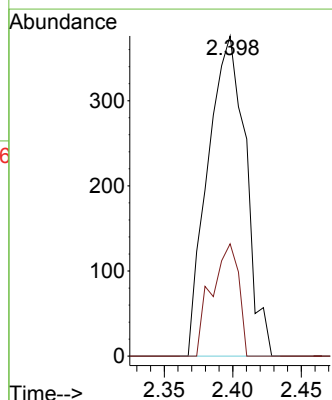
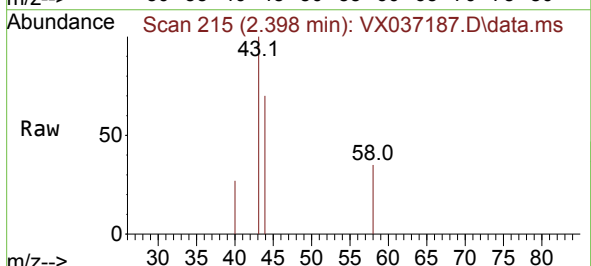
Instrument :
MSVOA_X
ClientSampleId :

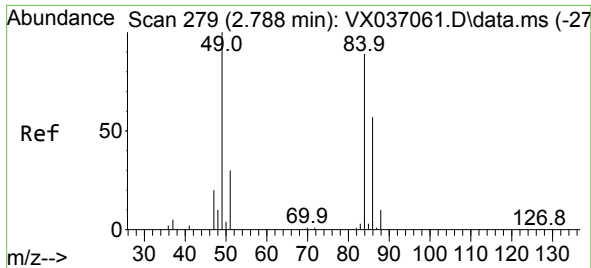
Tgt Ion: 59 Resp: 9231
Ion Ratio Lower Upper
59 100
57 1.1 6.0 9.0#



#16
Acetone
Concen: 1.087 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

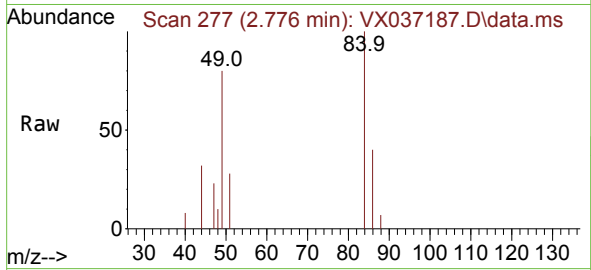
Tgt Ion: 43 Resp: 722
Ion Ratio Lower Upper
43 100
58 35.1 21.9 32.9#



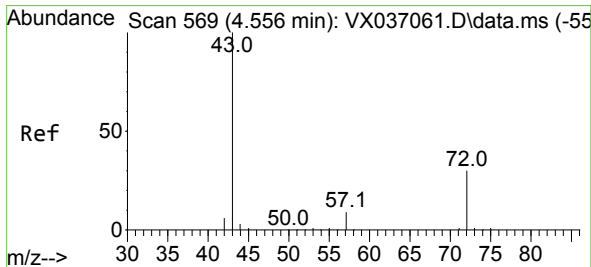
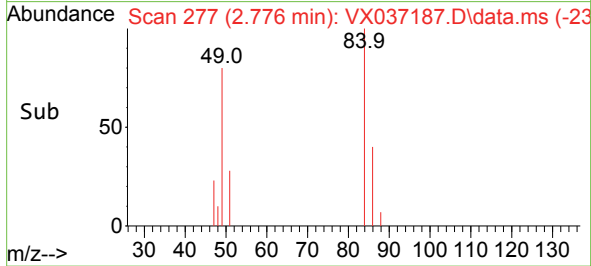
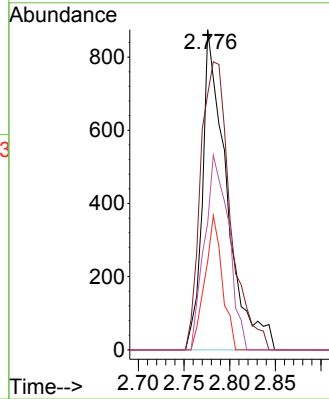


#20
Methylene Chloride
Concen: 1.088 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :

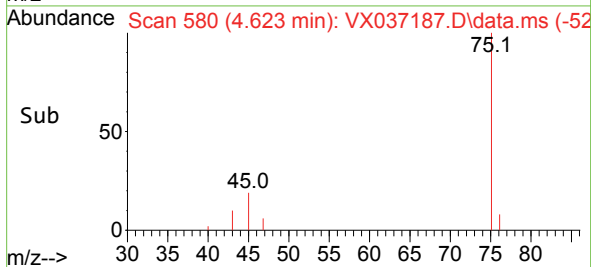
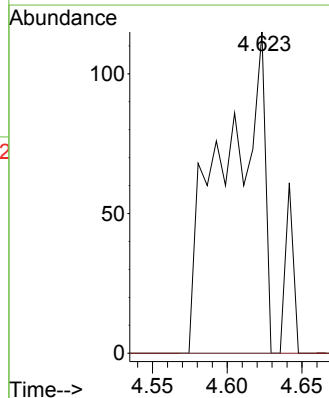
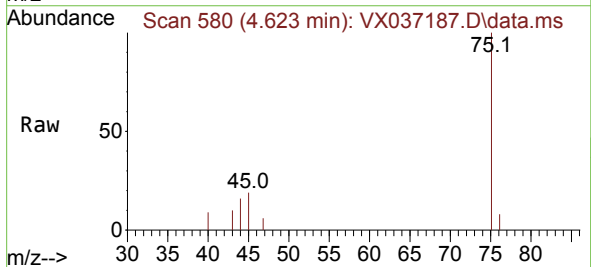


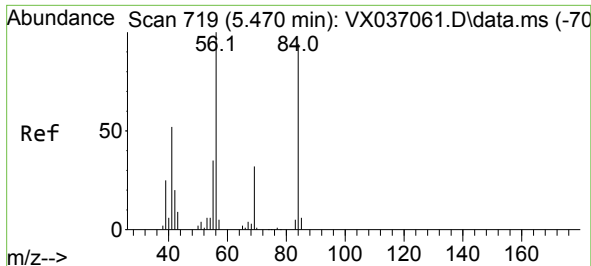
Tgt Ion:	84	Resp:	1616
Ion	Ratio	Lower	Upper
84	100		
49	79.9	103.6	155.4#
51	27.7	33.8	50.6#
86	39.7	49.4	74.0#



#25
2-Butanone
Concen: 0.219 ug/l
RT: 4.623 min Scan# 580
Delta R.T. 0.067 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

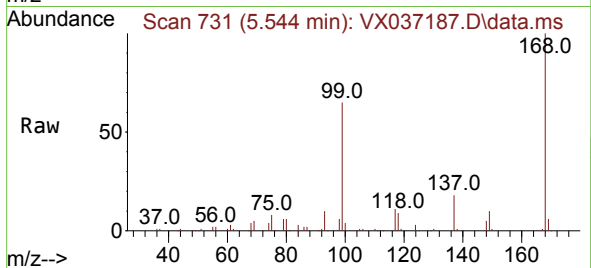
Tgt Ion:	43	Resp:	219
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



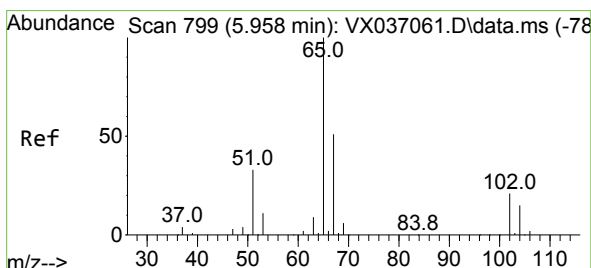
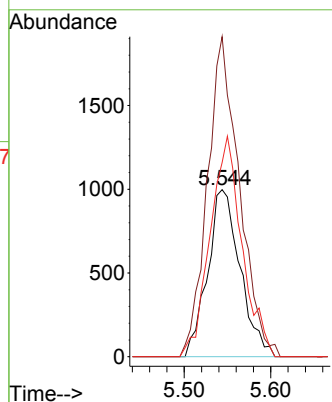
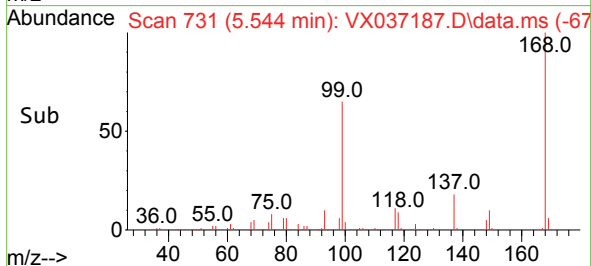


#31
Cyclohexane
Concen: 1.358 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :

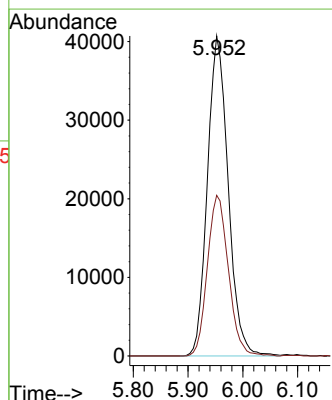
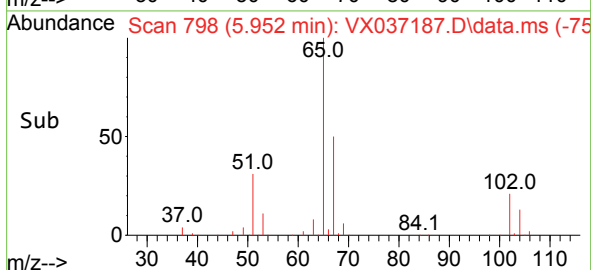
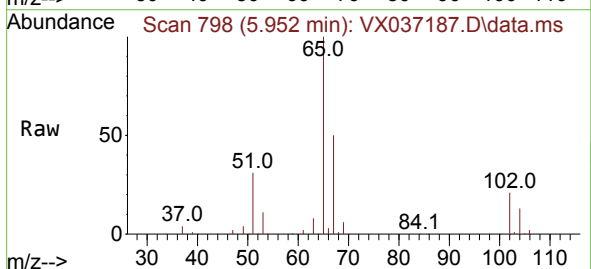


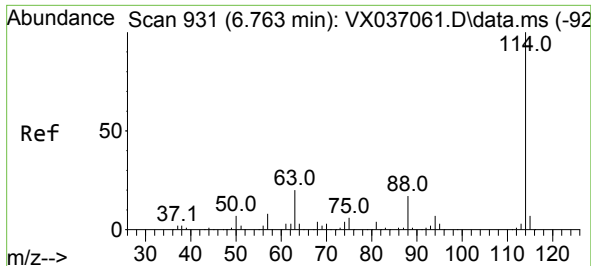
Tgt Ion: 56 Resp: 2592
Ion Ratio Lower Upper
56 100
69 191.5 23.4 35.2#
84 116.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 63.039 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

Tgt Ion: 65 Resp: 107039
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

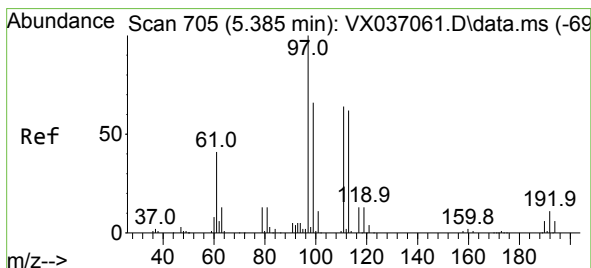
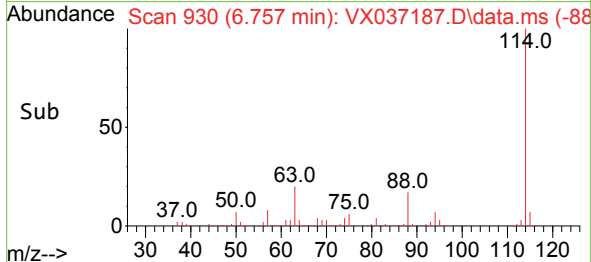
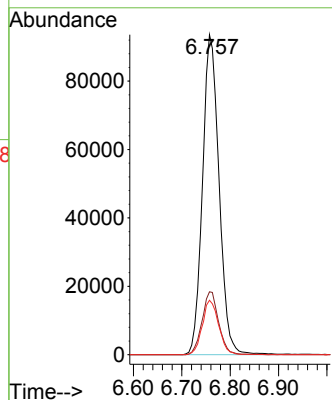
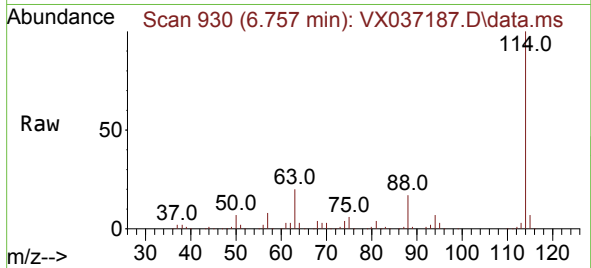




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

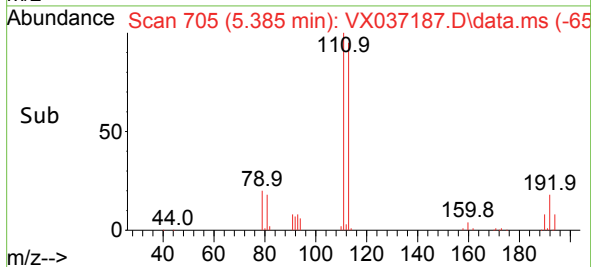
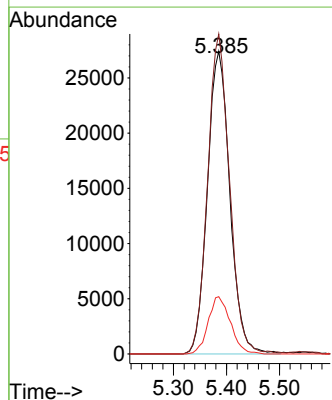
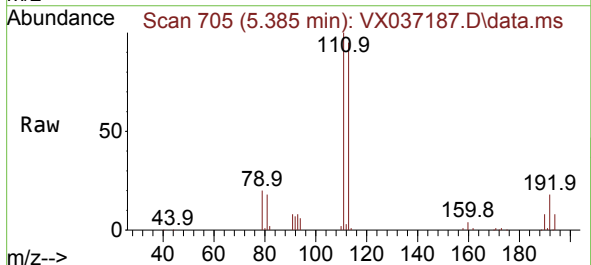
Instrument :
MSVOA_X
ClientSampleId :

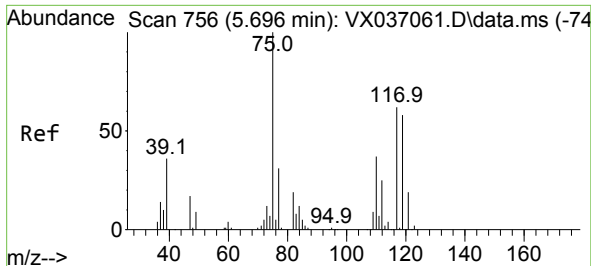
Tgt Ion:114 Resp: 222724
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.602 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

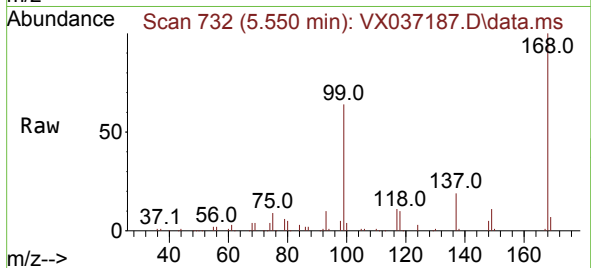
Tgt Ion:113 Resp: 80540
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.8 13.3 19.9



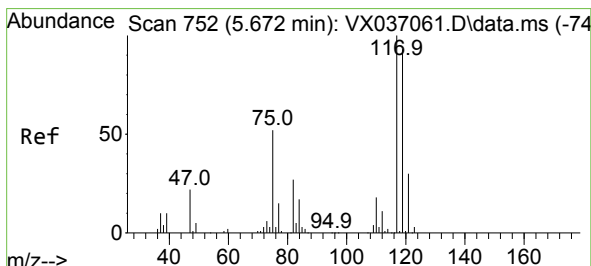
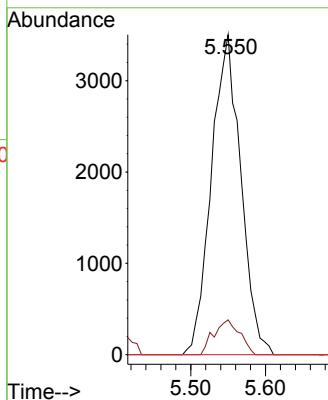
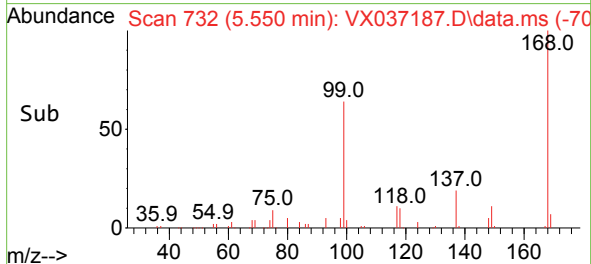


#36
1,1-Dichloropropene
Concen: 4.573 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

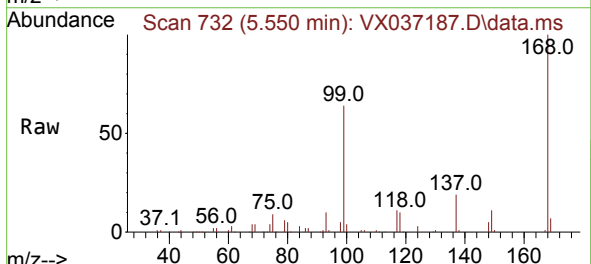
Instrument :
MSVOA_X
ClientSampleId :



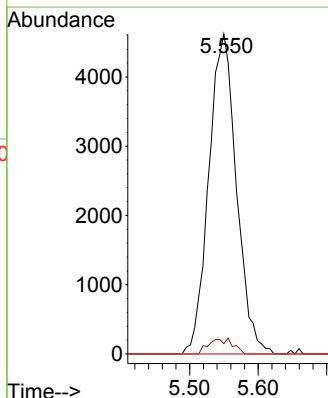
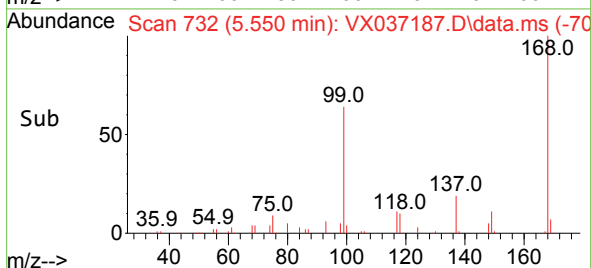
Tgt Ion: 75 Resp: 9584
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#

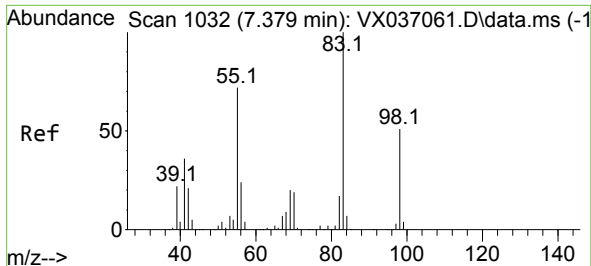


#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41



Tgt Ion: 117 Resp: 12956
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.303 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX037187.D

Acq: 23 Aug 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

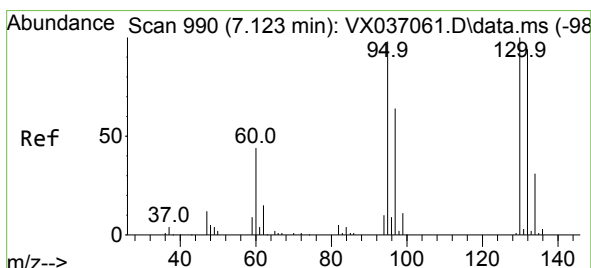
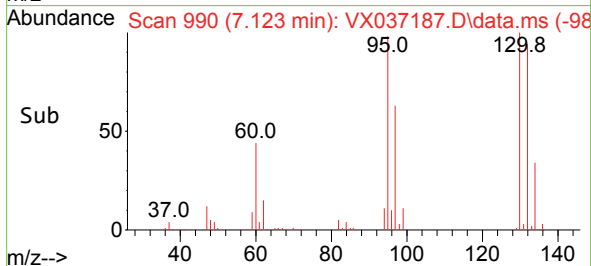
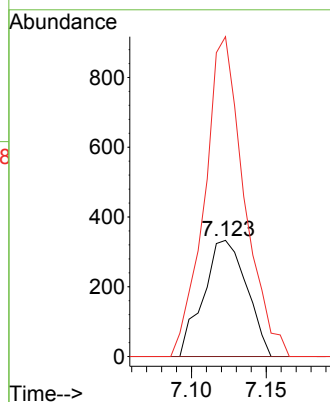
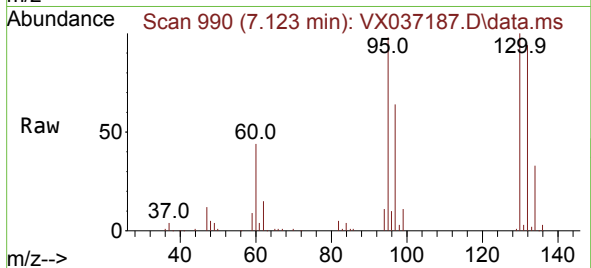
Tgt Ion: 83 Resp: 668

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 256.8 36.7 55.1#



#44

Trichloroethene

Concen: 35.082 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037187.D

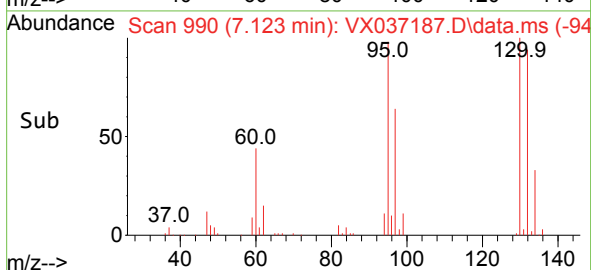
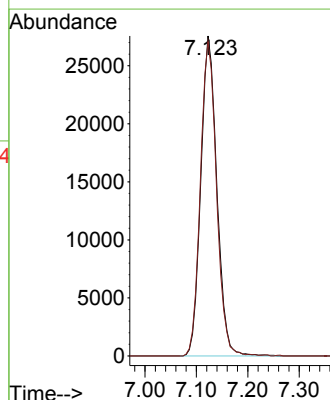
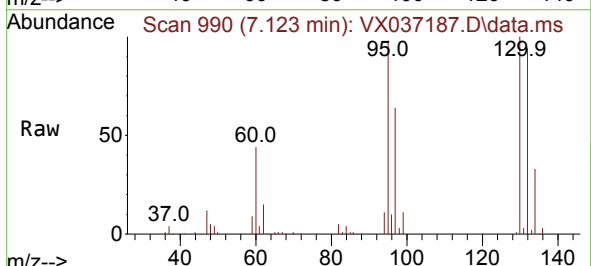
Acq: 23 Aug 2023 16:41

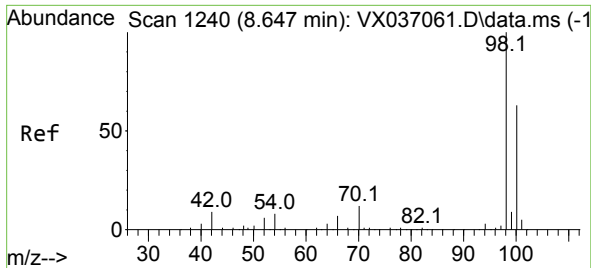
Tgt Ion:130 Resp: 59789

Ion Ratio Lower Upper

130 100

95 98.2 0.0 204.4

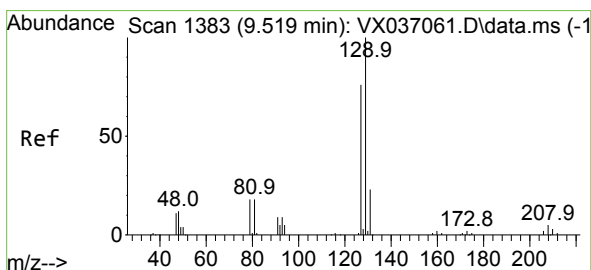
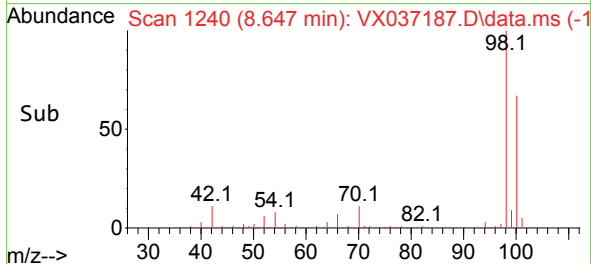
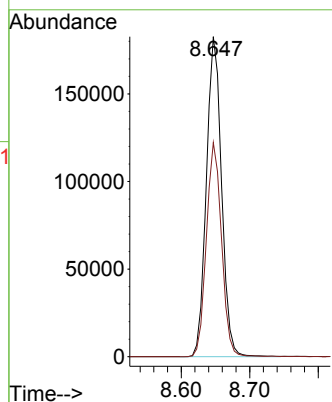
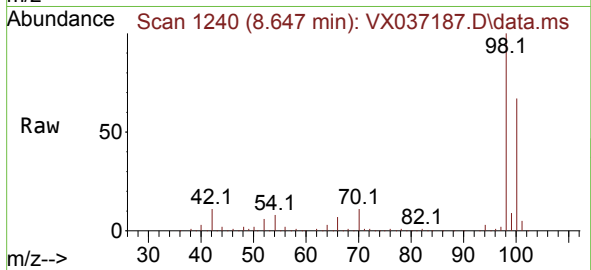




#50
Toluene-d8
Concen: 52.667 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

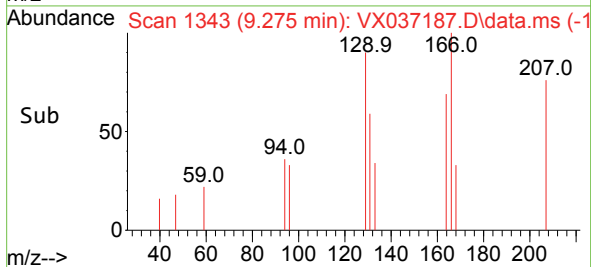
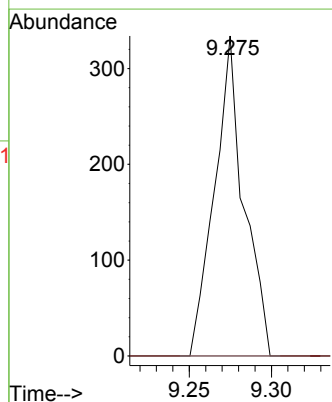
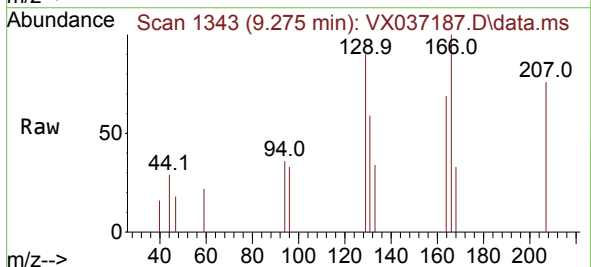
Instrument :
MSVOA_X
ClientSampleId :

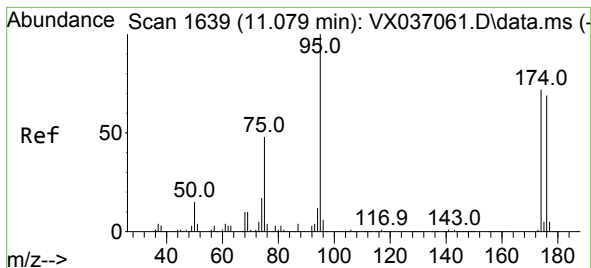
Tgt Ion: 98 Resp: 281797
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#60
Dibromochloromethane
Concen: 0.240 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

Tgt Ion: 129 Resp: 414
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

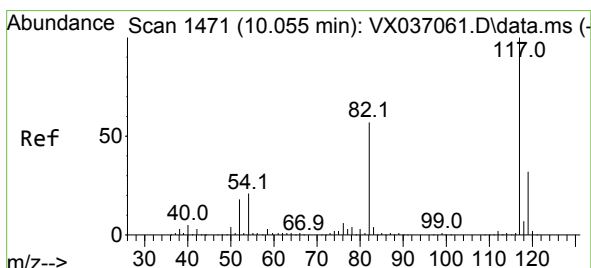
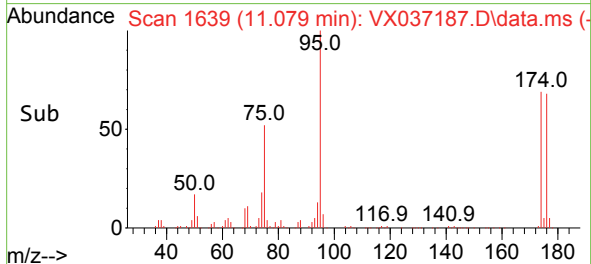
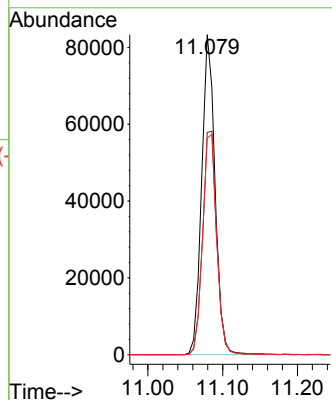
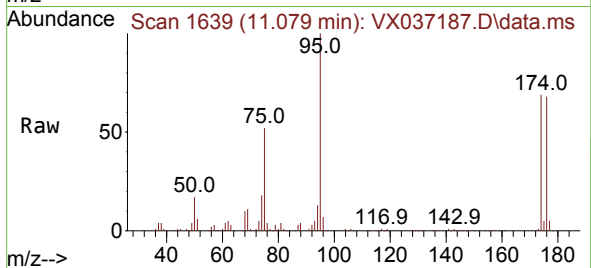




#62
4-Bromofluorobenzene
Concen: 49.111 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

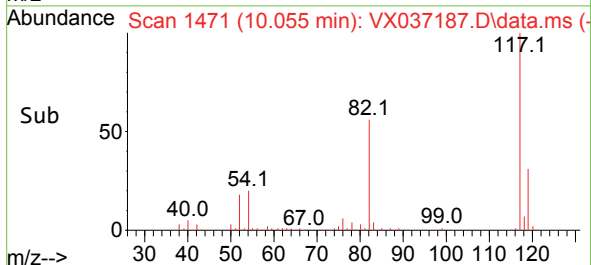
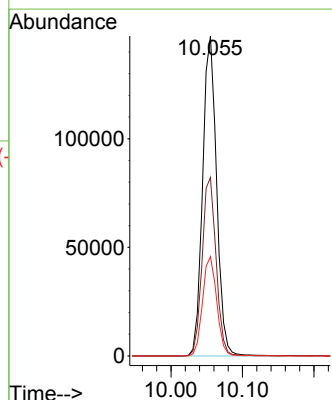
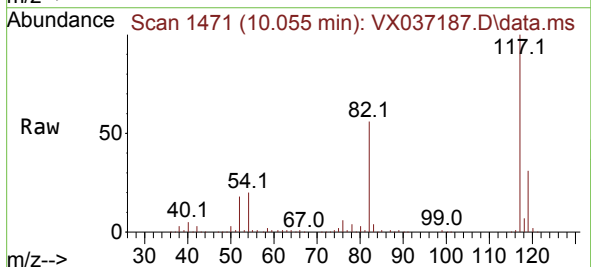
Instrument :
MSVOA_X
ClientSampleId :

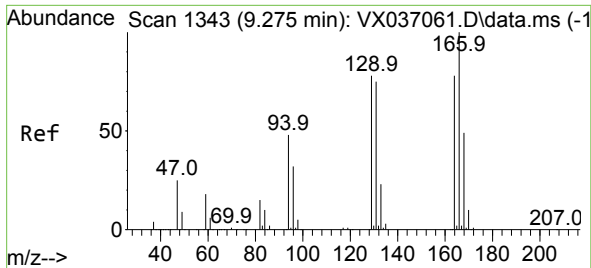
Tgt Ion: 95 Resp: 103265
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 72.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

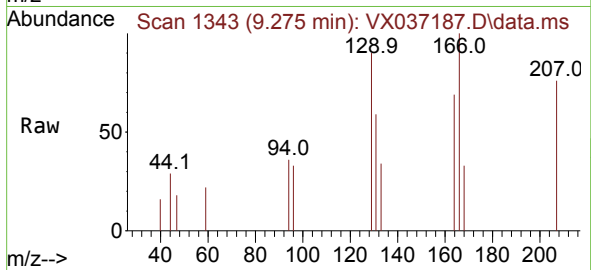
Tgt Ion: 117 Resp: 199868
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 31.1 25.5 38.3



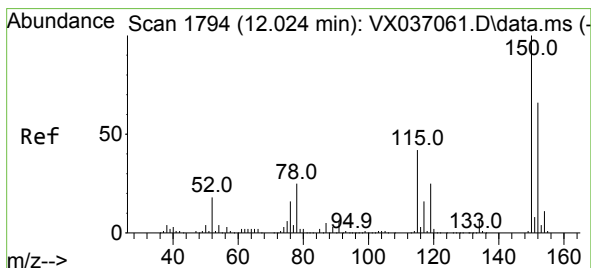
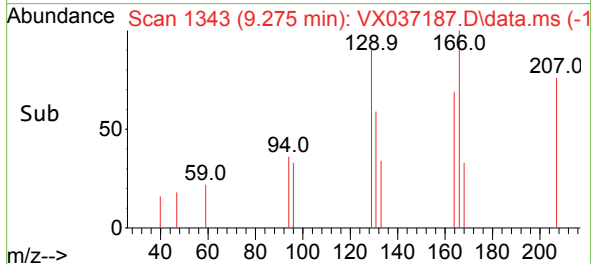
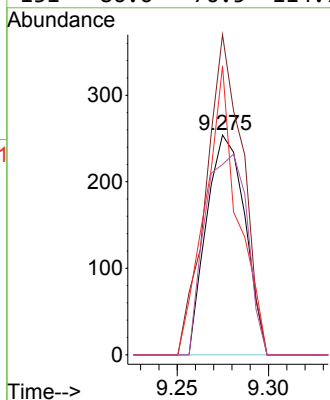


#64
Tetrachloroethene
Concen: 0.254 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :

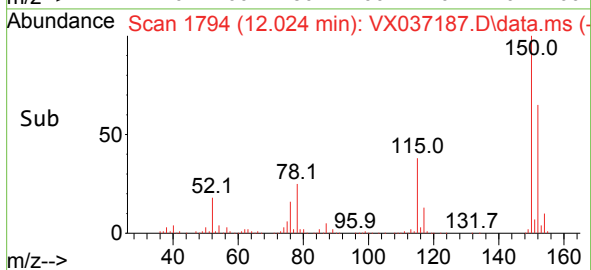
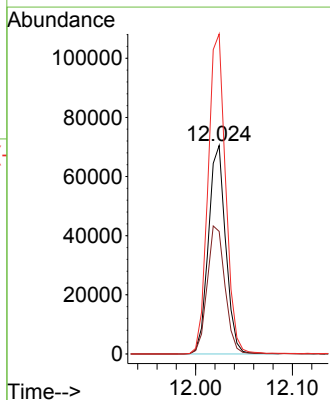
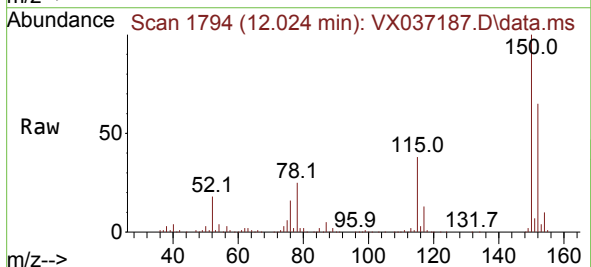


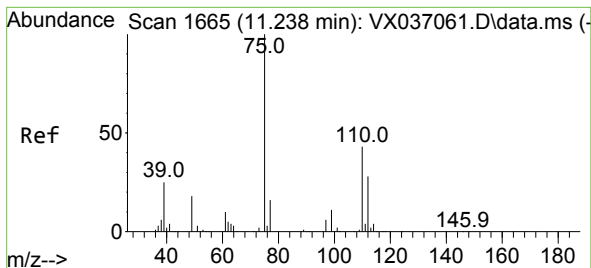
Tgt Ion:164 Resp: 371
Ion Ratio Lower Upper
164 100
166 145.7 102.7 154.1
129 131.5 80.4 120.6#
131 86.6 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037187.D
Acq: 23 Aug 2023 16:41

Tgt Ion:152 Resp: 87464
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.342 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037187.D

Acq: 23 Aug 2023 16:41

Instrument :

MSVOA_X

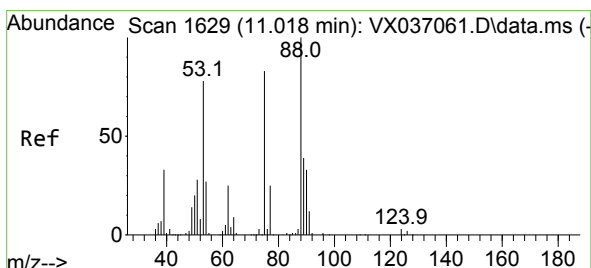
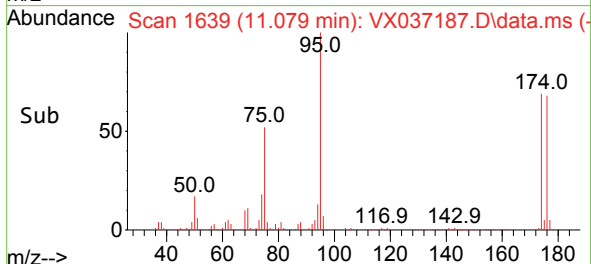
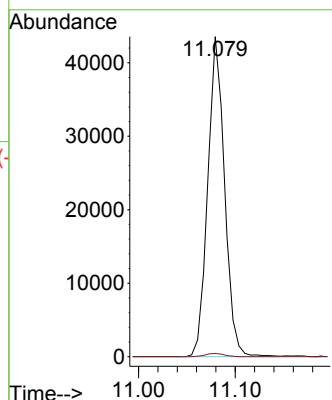
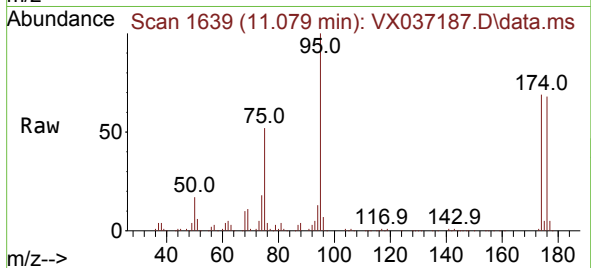
ClientSampleId :

Tgt Ion: 75 Resp: 52793

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.161 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037187.D

Acq: 23 Aug 2023 16:41

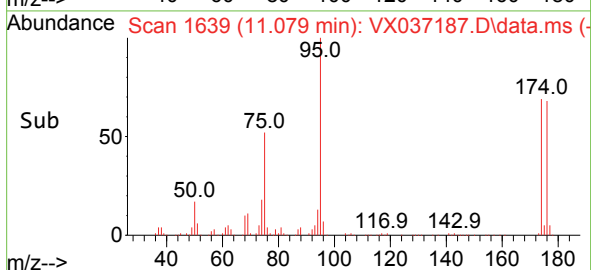
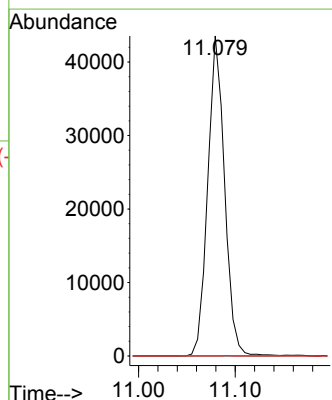
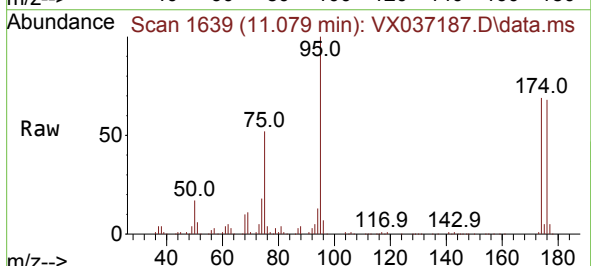
Tgt Ion: 75 Resp: 52793

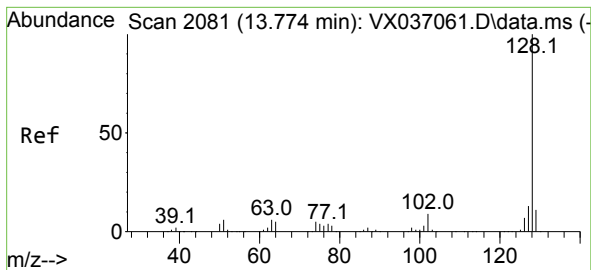
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#95

Naphthalene

Concen: 0.385 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

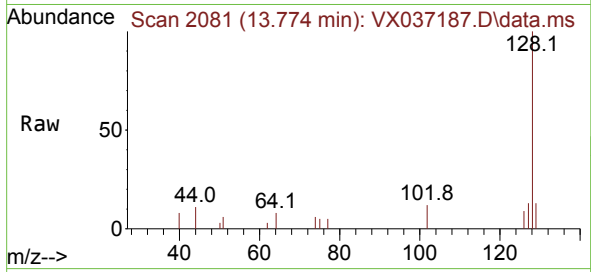
Lab File: VX037187.D

Acq: 23 Aug 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 2809

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 11.3 8.8 13.2

