

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037351.D
 Acq On : 29 Aug 2023 18:54
 Operator : JC/MD
 Sample : 04150-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 30 02:09:45 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

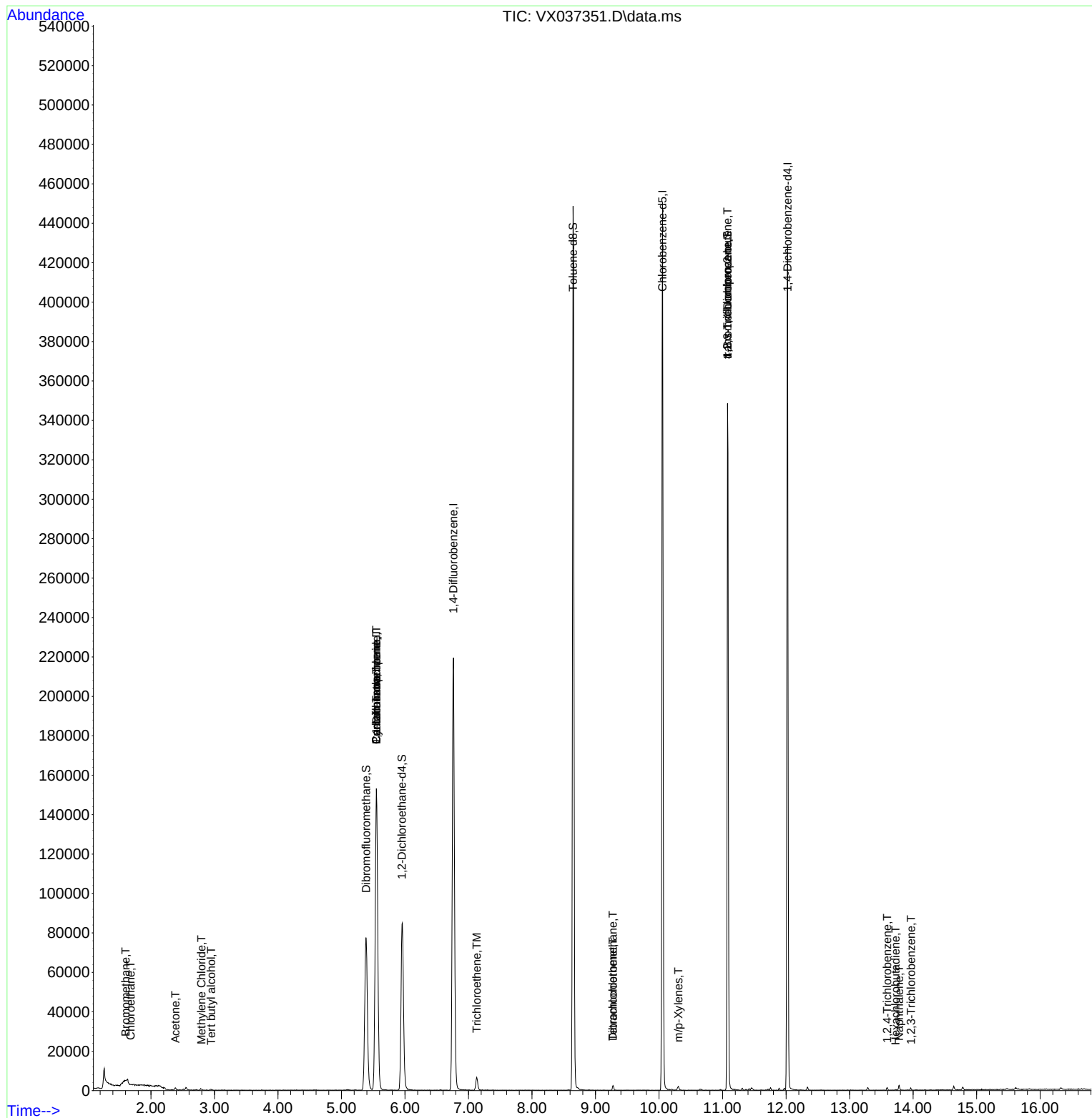
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	142648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86420	42.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.040%
35) Dibromofluoromethane	5.385	113	70078	45.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.640%
50) Toluene-d8	8.647	98	271889	48.479	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	99025	44.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	167	0.212	ug/l #	53
6) Chloroethane	1.678	64	807	0.869	ug/l #	43
11) Tert butyl alcohol	2.946	59	280	0.580	ug/l #	78
16) Acetone	2.386	43	1241	1.543	ug/l	98
20) Methylene Chloride	2.794	84	397	0.221	ug/l #	71
31) Cyclohexane	5.550	56	2817	1.218	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11474	5.223	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15477	6.486	ug/l #	16
44) Trichloroethene	7.129	130	2652	1.485	ug/l	99
60) Dibromochloromethane	9.275	129	440	0.244	ug/l #	11
64) Tetrachloroethene	9.275	164	462	0.307	ug/l #	87
68) m/p-Xylenes	10.305	106	597	0.201	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	48755	25.114	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48755	70.145	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	451	0.260	ug/l	97
94) Hexachlorobutadiene	13.725	225	143	0.213	ug/l #	58
95) Naphthalene	13.780	128	2171	0.286	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	399	0.231	ug/l	95

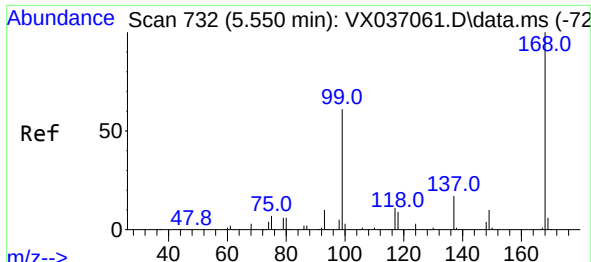
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

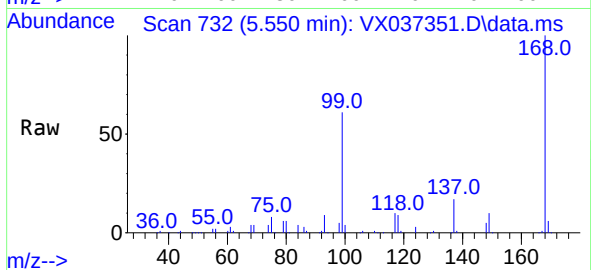
Quant Time: Aug 30 02:09:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



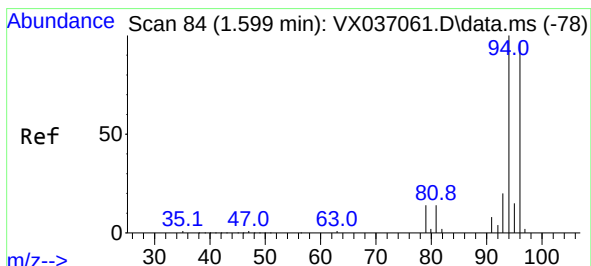
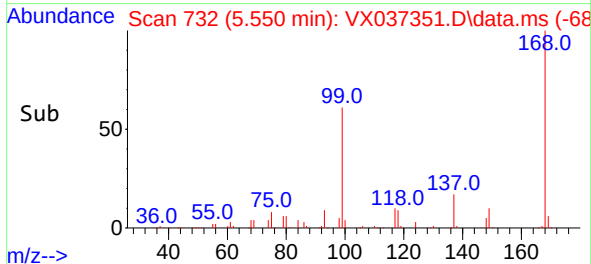
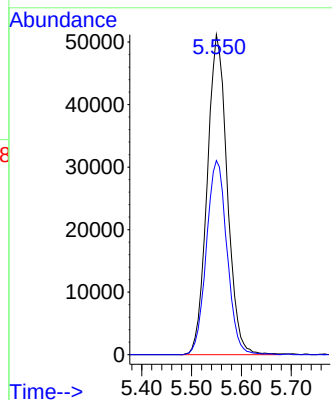


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :

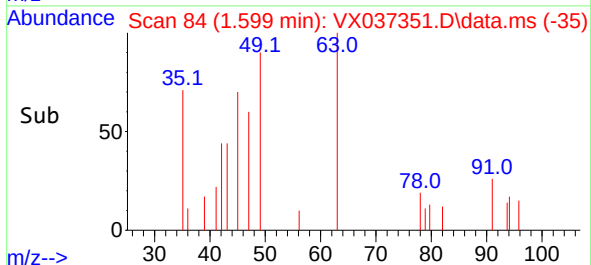
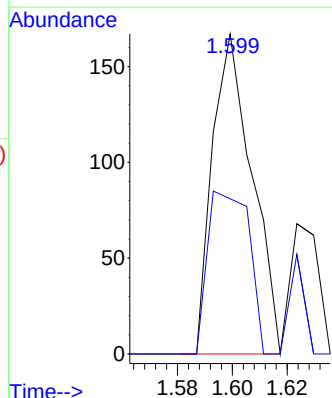
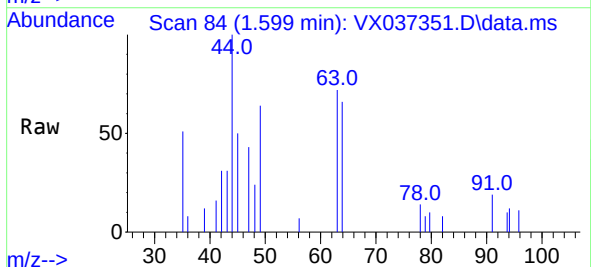


Tgt Ion:168 Resp: 142648
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0

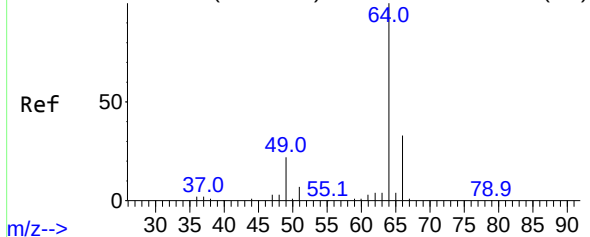


#5
Bromomethane
Concen: 0.212 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Tgt Ion: 94 Resp: 167
Ion Ratio Lower Upper
94 100
96 48.5 74.6 111.8#



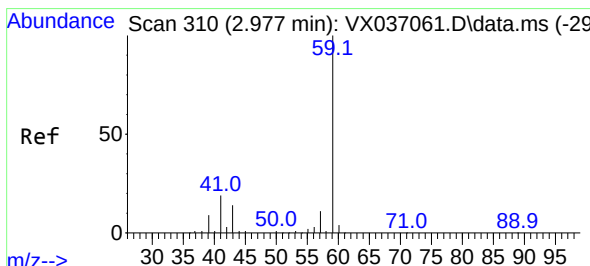
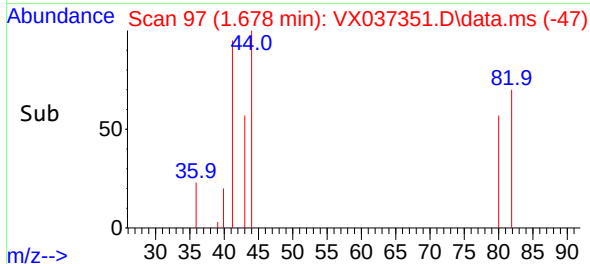
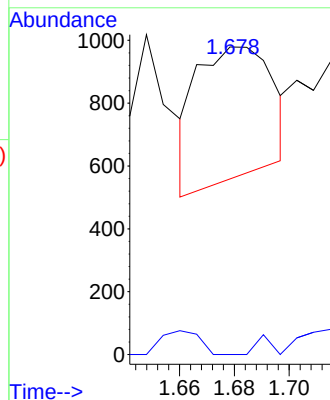
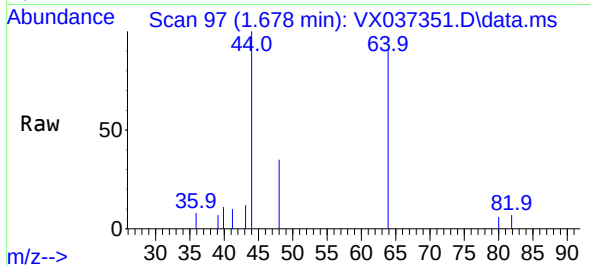
Abundance Scan 96 (1.672 min): VX037061.D\data.ms (-90)



#6
Chloroethane
Concen: 0.869 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

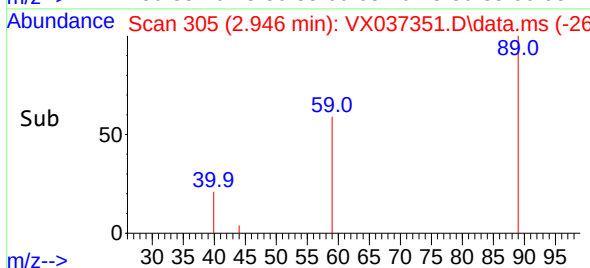
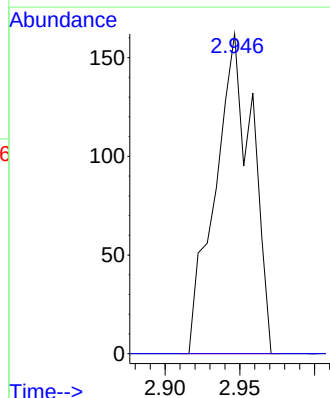
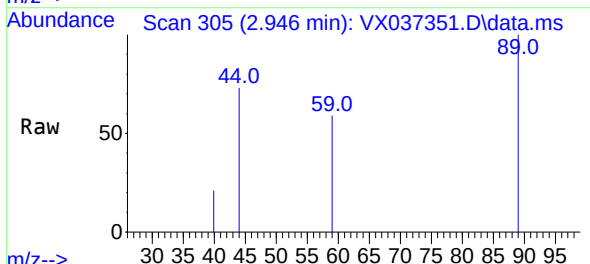
Instrument :
MSVOA_X
ClientSampleId :

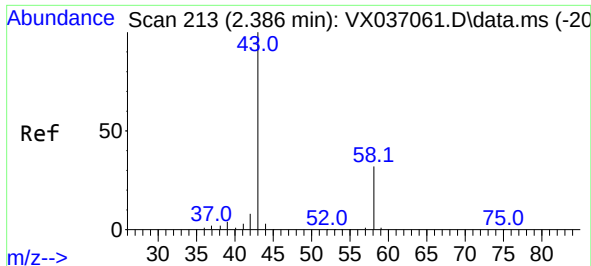
Tgt Ion: 64 Resp: 807
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.580 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

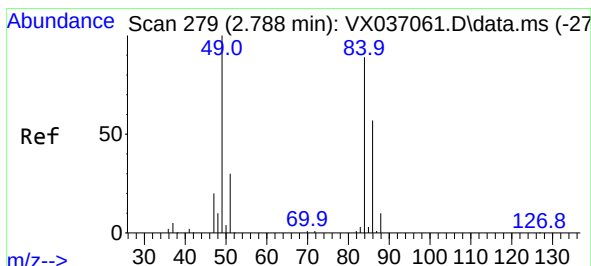
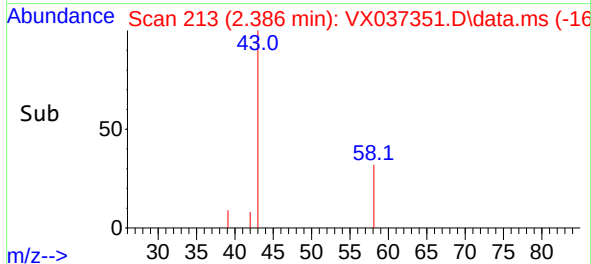
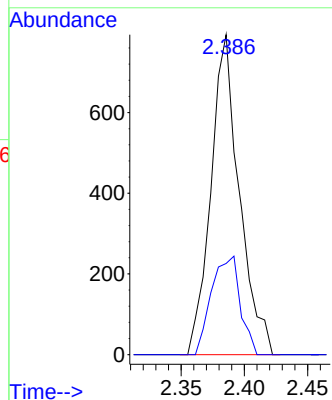
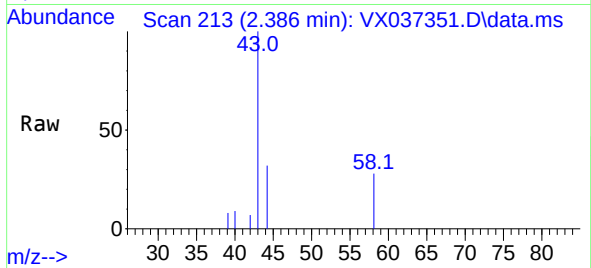




#16
Acetone
Concen: 1.543 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

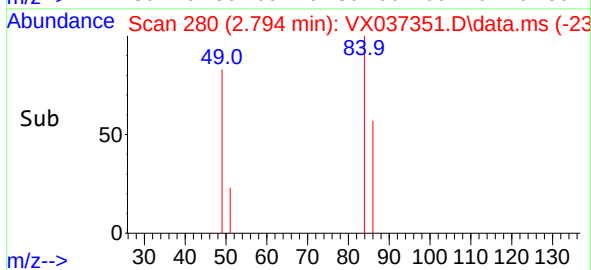
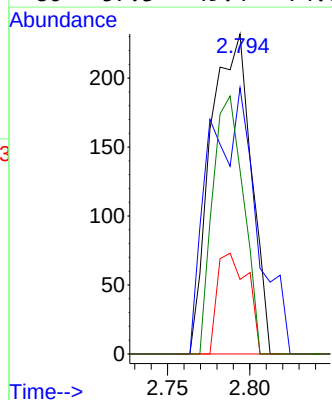
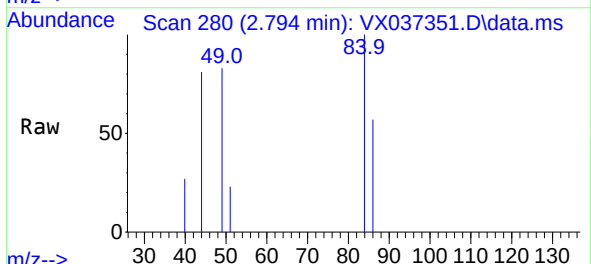
Instrument :
MSVOA_X
ClientSampleId :

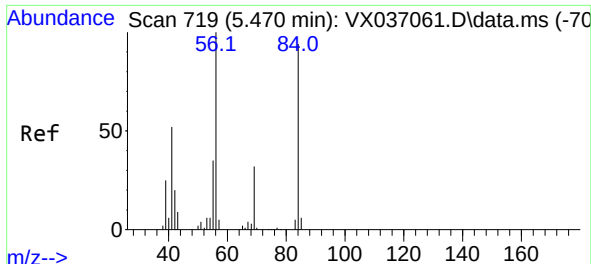
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

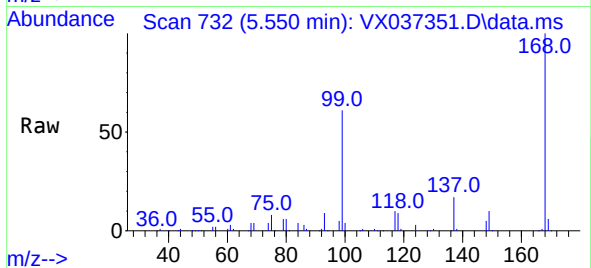
Tgt Ion: 84 Resp: 397
Ion Ratio Lower Upper
84 100
49 83.2 103.6 155.4#
51 23.3 33.8 50.6#
86 57.3 49.4 74.0



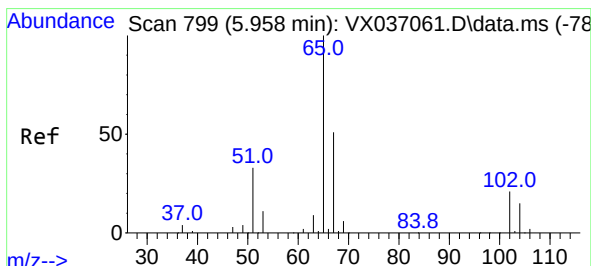
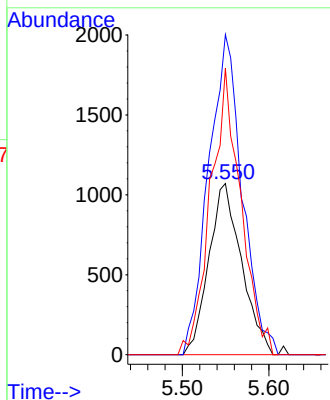
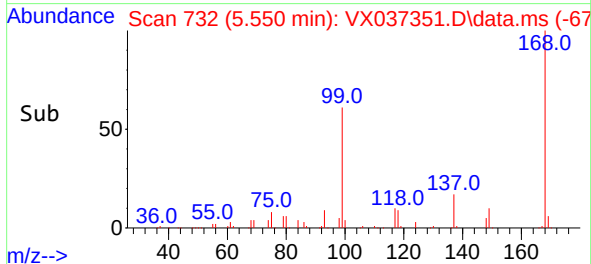


#31
Cyclohexane
Concen: 1.218 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :

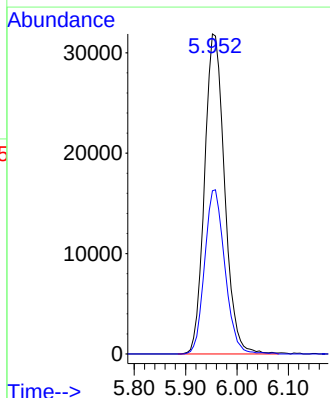
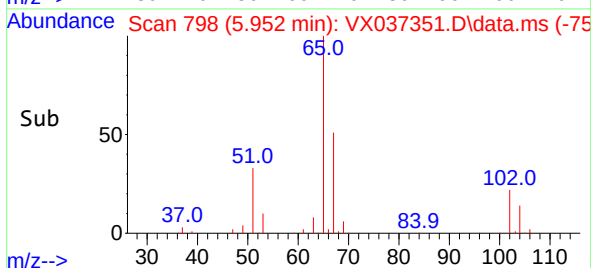
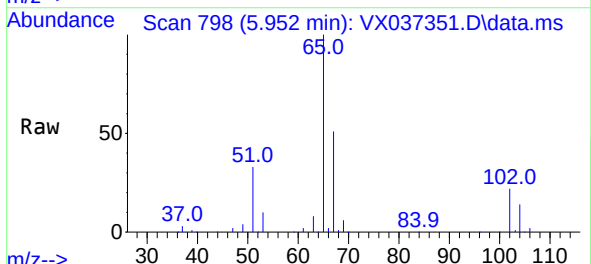


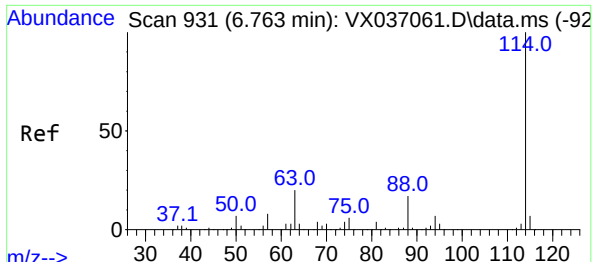
Tgt Ion: 56 Resp: 2817
Ion Ratio Lower Upper
56 100
69 186.9 23.4 35.2#
84 167.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.022 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Tgt Ion: 65 Resp: 86420
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

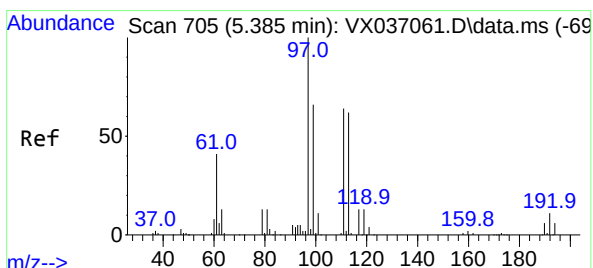
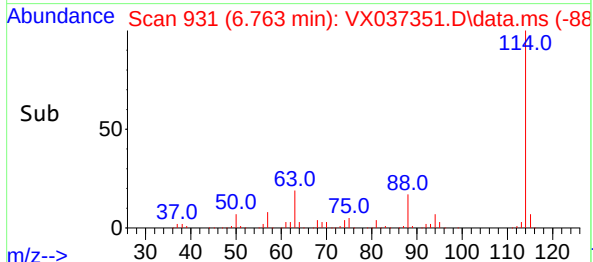
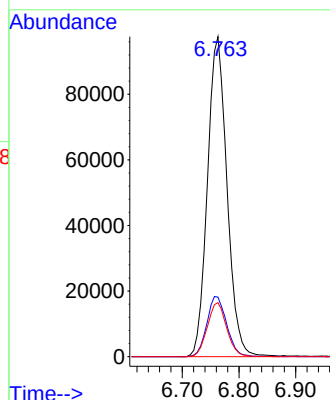
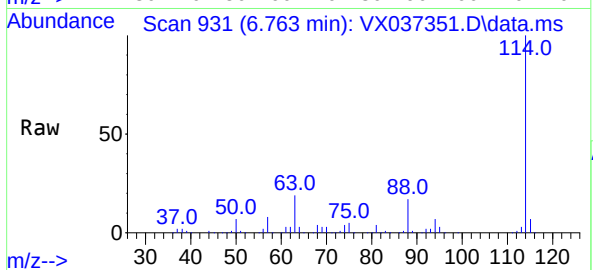




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

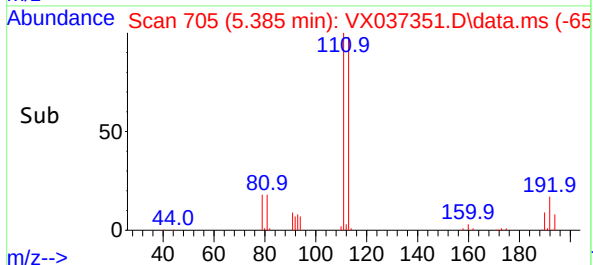
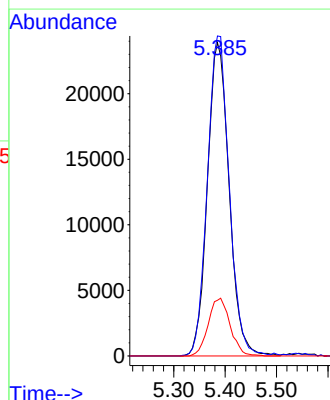
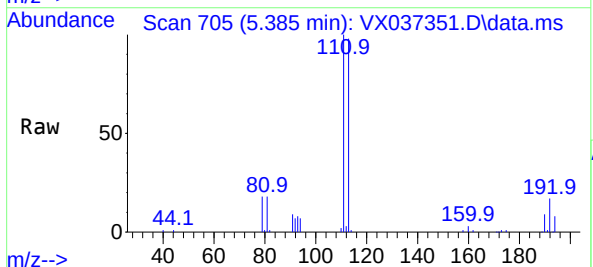
Instrument :
MSVOA_X
ClientSampleId :

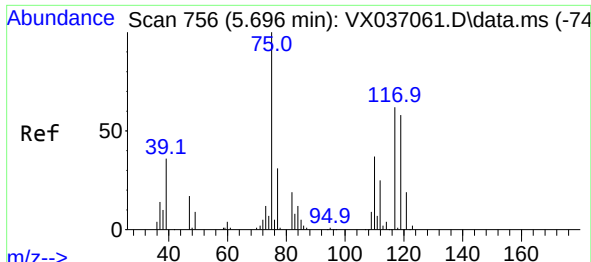
Tgt Ion:114 Resp: 233458
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.325 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

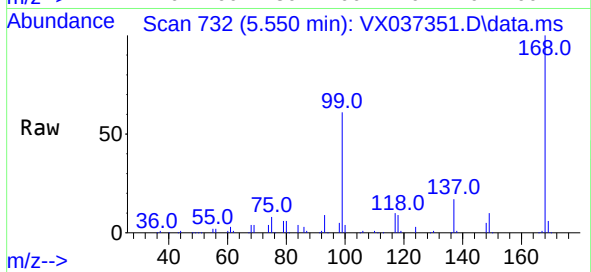
Tgt Ion:113 Resp: 70078
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.6 13.3 19.9



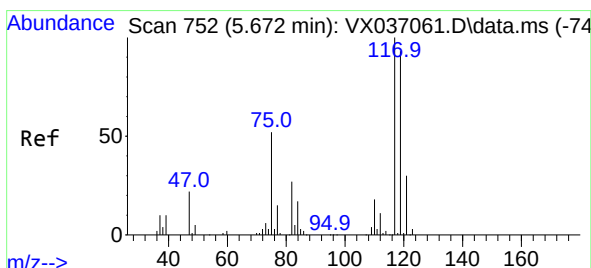
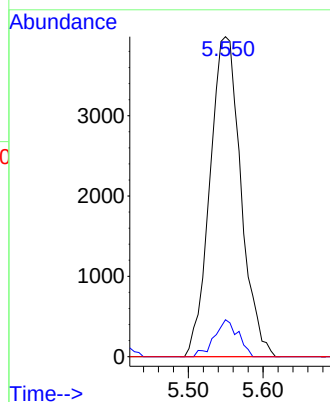
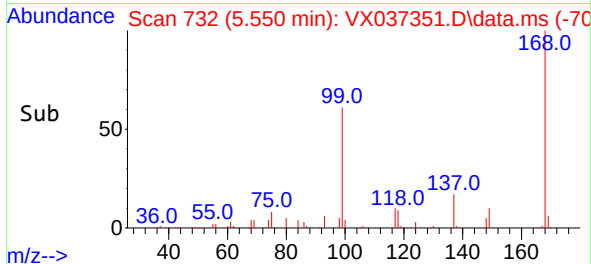


#36
1,1-Dichloropropene
Concen: 5.223 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

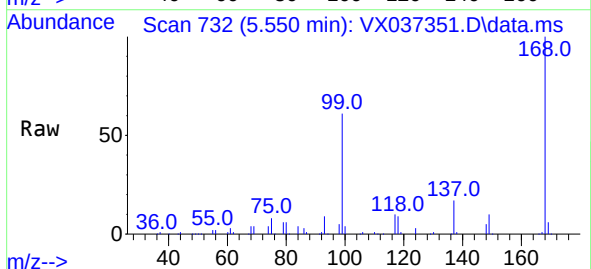
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ClientSampleId :



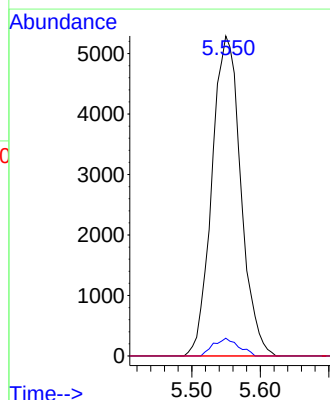
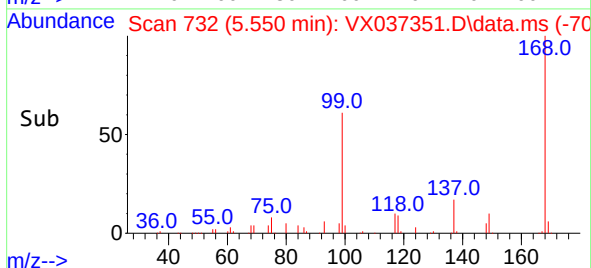
Tgt Ion: 75 Resp: 11474
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#

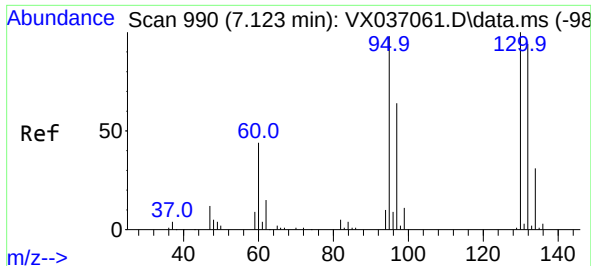


#38
Carbon Tetrachloride
Concen: 6.486 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54



Tgt Ion: 117 Resp: 15477
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

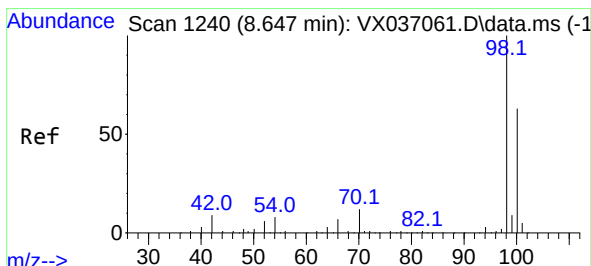
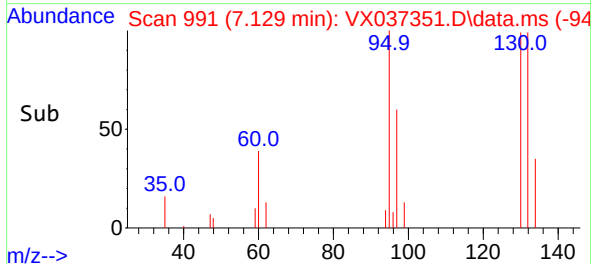
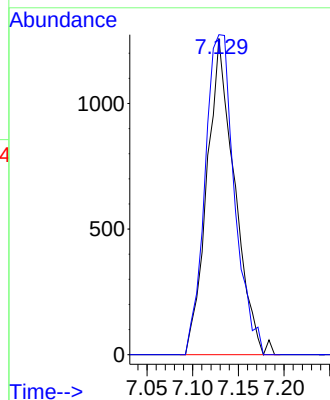
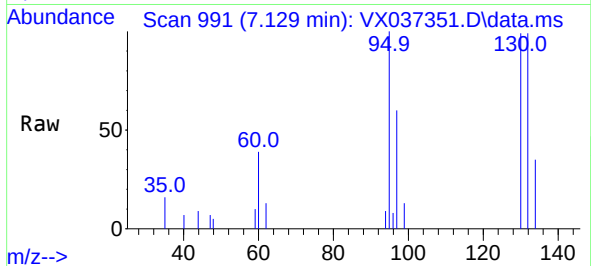




#44
Trichloroethene
Concen: 1.485 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

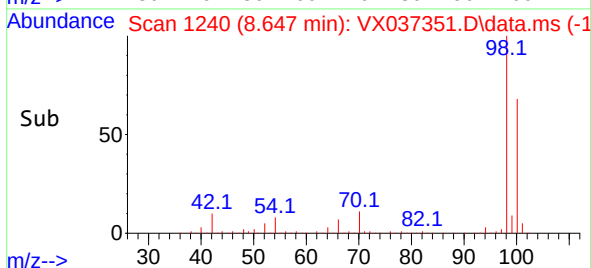
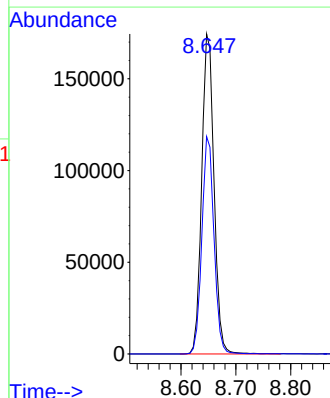
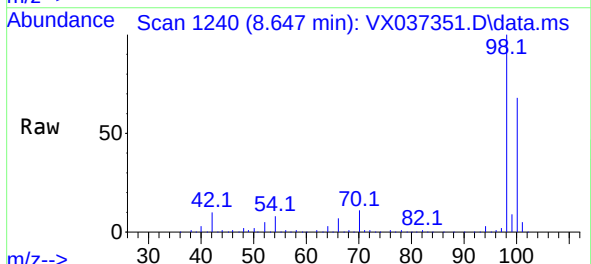
Instrument :
MSVOA_X
ClientSampleId :

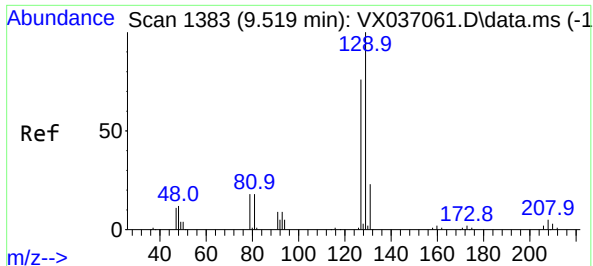
Tgt Ion:130 Resp: 2652
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.4



#50
Toluene-d8
Concen: 48.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Tgt Ion: 98 Resp: 271889
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7





#60

Dibromochloromethane

Concen: 0.244 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX037351.D

Acq: 29 Aug 2023 18:54

Instrument :

MSVOA_X

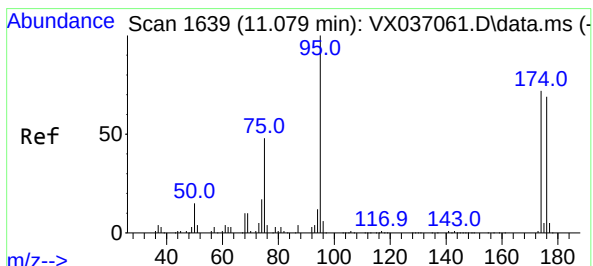
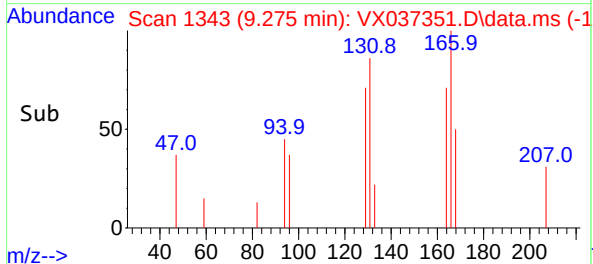
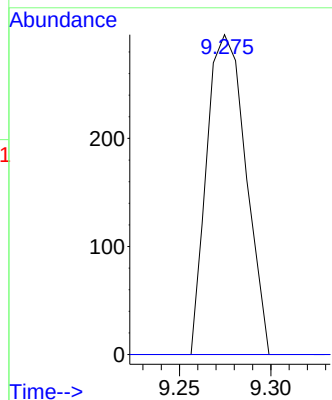
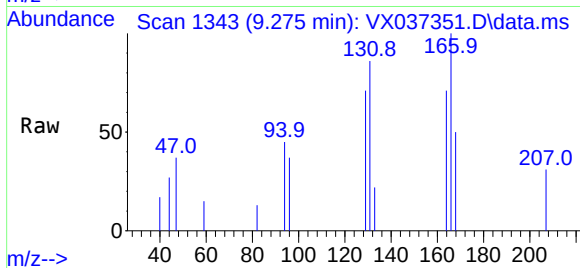
ClientSampleId :

Tgt Ion:129 Resp: 440

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 44.929 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037351.D

Acq: 29 Aug 2023 18:54

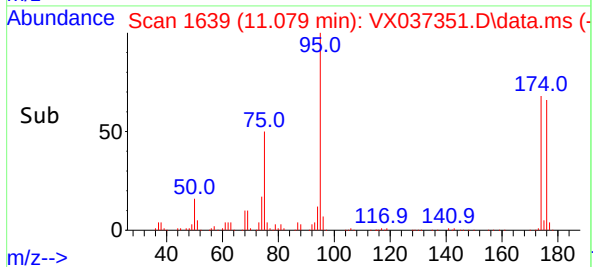
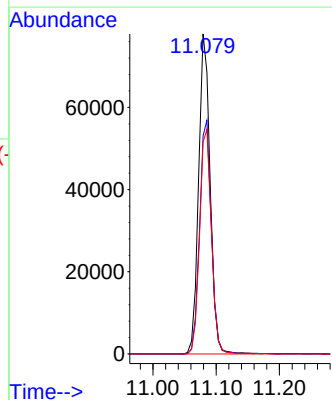
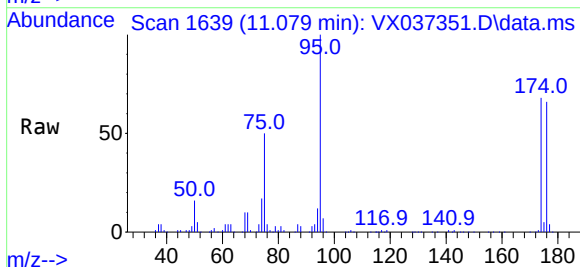
Tgt Ion: 95 Resp: 99025

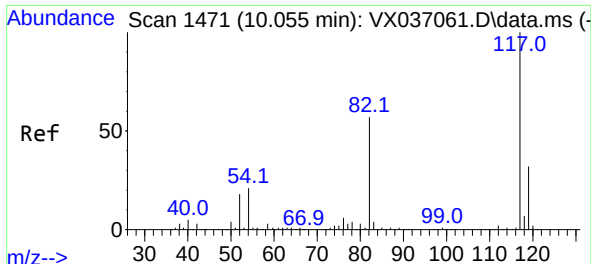
Ion Ratio Lower Upper

95 100

174 74.7 0.0 135.6

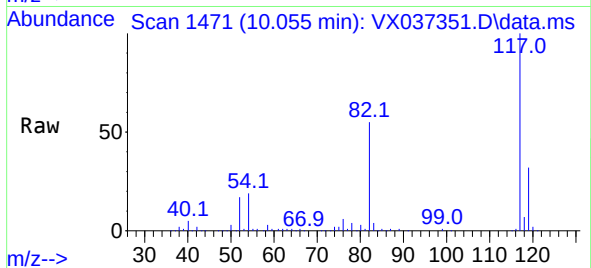
176 71.8 0.0 131.0



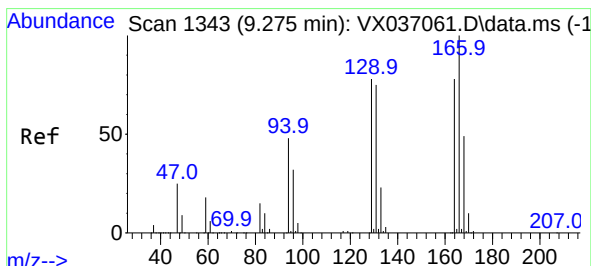
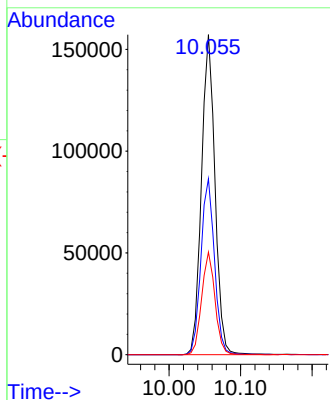
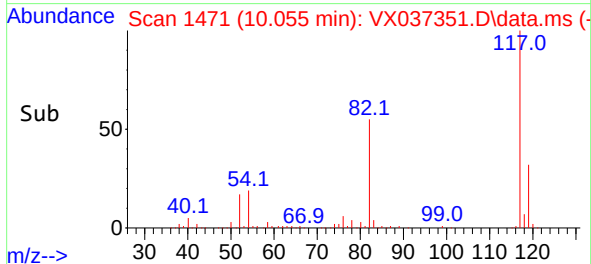


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

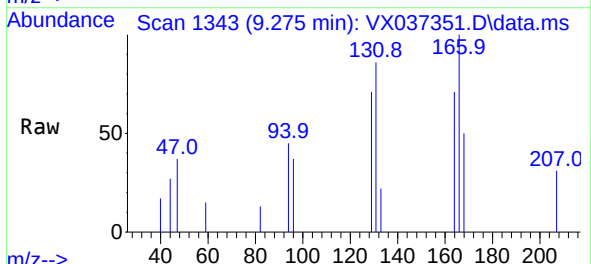
Instrument :
MSVOA_X
ClientSampleId :



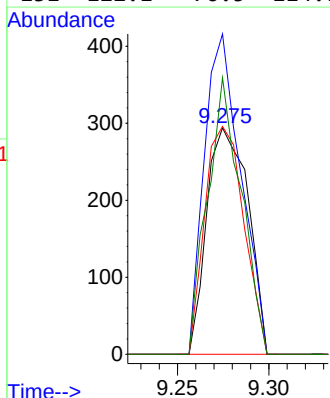
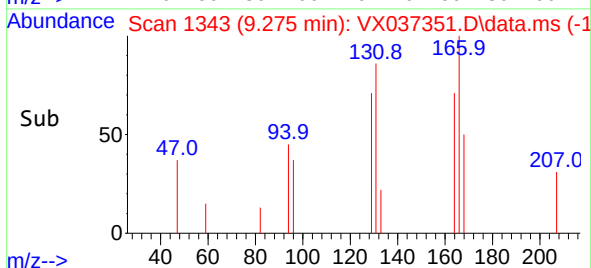
Tgt Ion:117 Resp: 206439
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.1 25.5 38.3

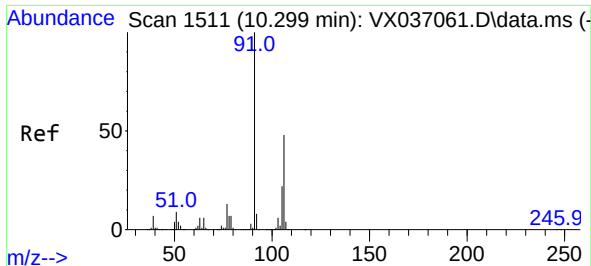


#64
Tetrachloroethene
Concen: 0.307 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54



Tgt Ion:164 Resp: 462
Ion Ratio Lower Upper
164 100
166 141.5 102.7 154.1
129 100.7 80.4 120.6
131 122.1 76.5 114.7#

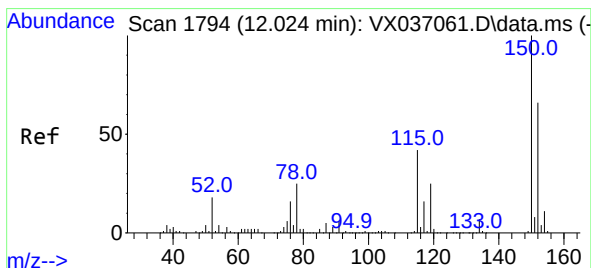
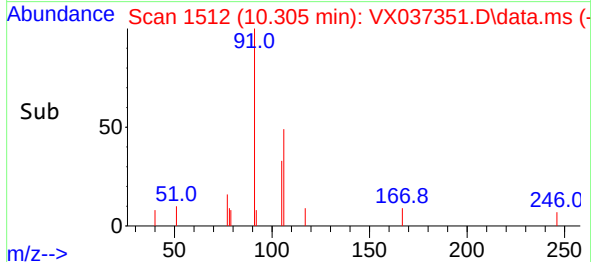
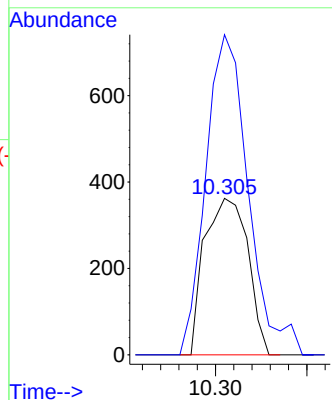
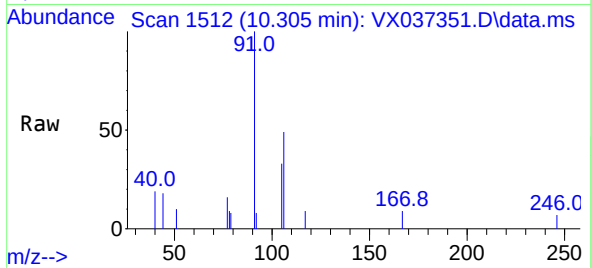




#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

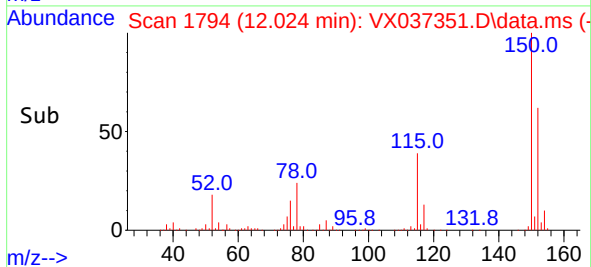
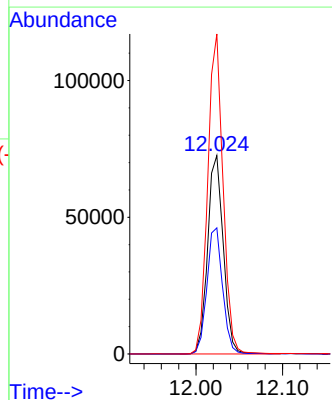
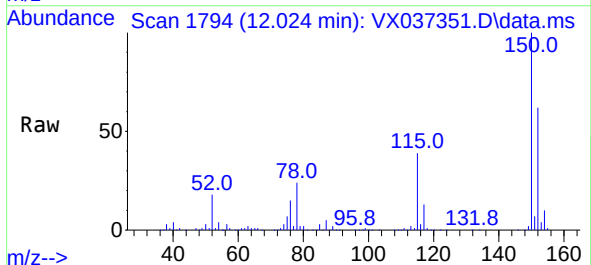
Instrument :
MSVOA_X
ClientSampleId :

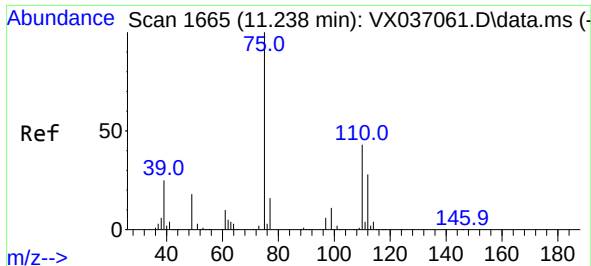
Tgt Ion:106 Resp: 597
Ion Ratio Lower Upper
106 100
91 200.3 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Tgt Ion:152 Resp: 91157
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 157.4 0.0 345.0

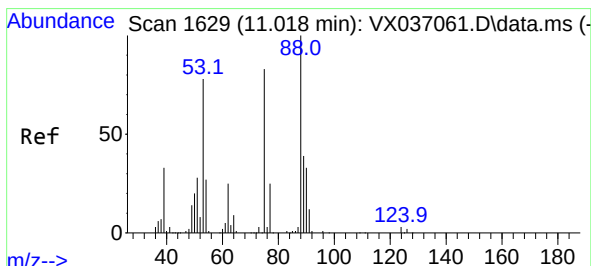
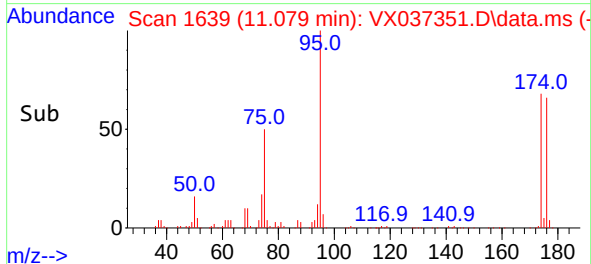
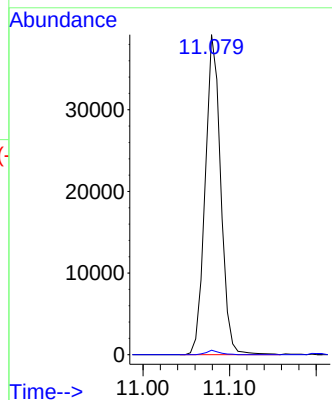
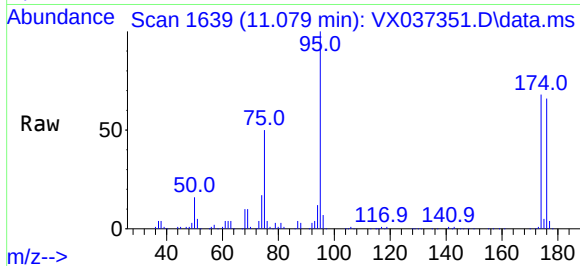




#76
1,2,3-Trichloropropane
Concen: 25.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

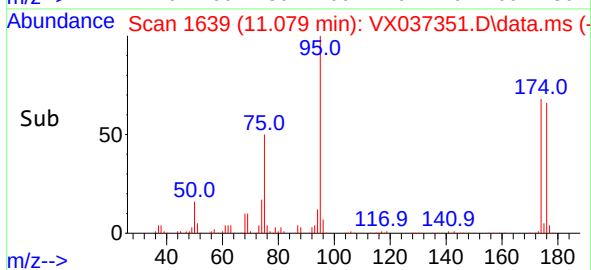
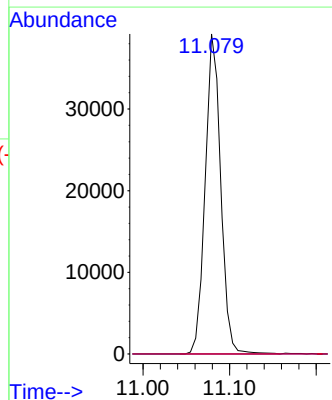
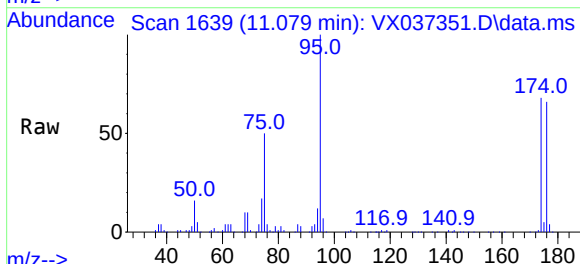
Instrument :
MSVOA_X
ClientSampleId :

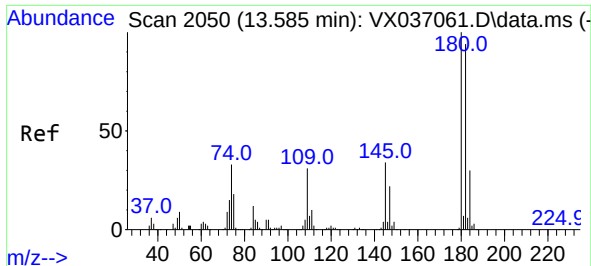
Tgt Ion: 75 Resp: 48755
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Tgt Ion: 75 Resp: 48755
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

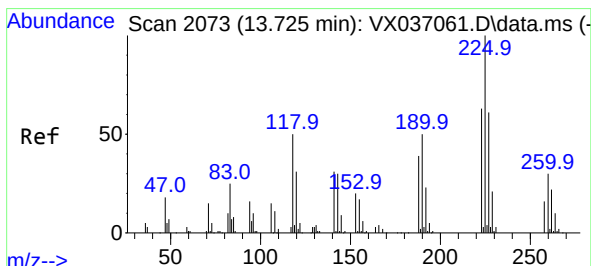
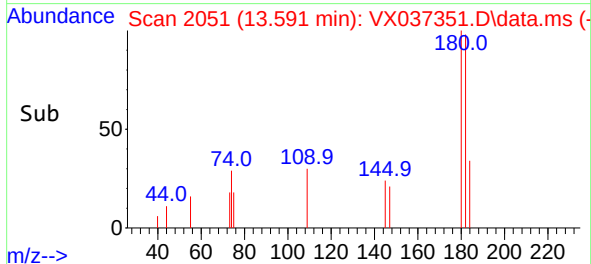
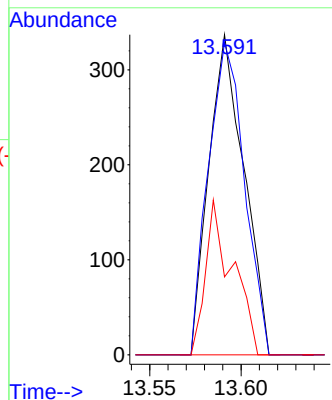
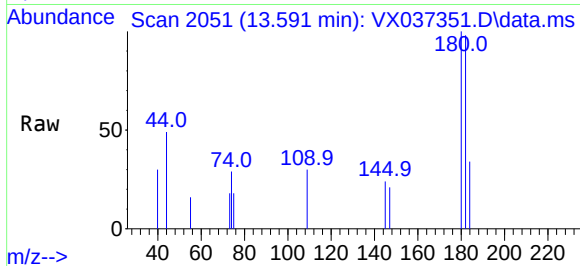




#93
1,2,4-Trichlorobenzene
Concen: 0.260 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

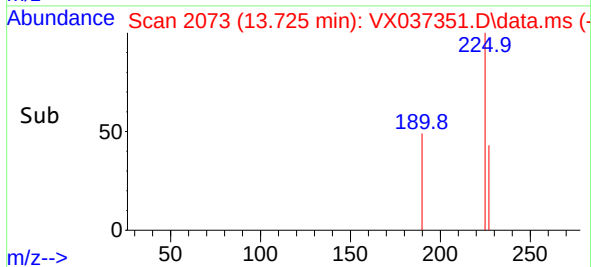
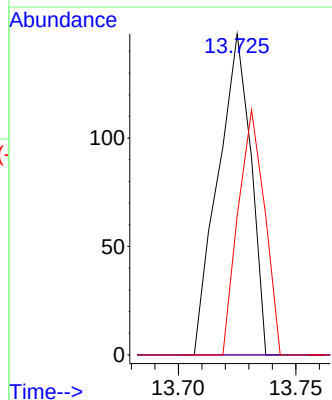
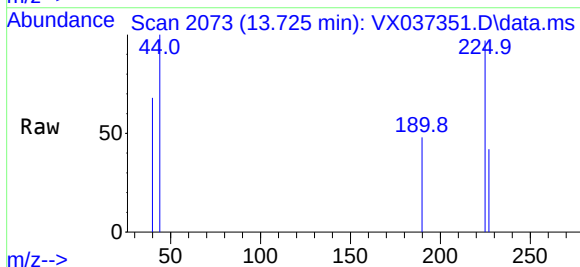
Instrument :
MSVOA_X
ClientSampleId :

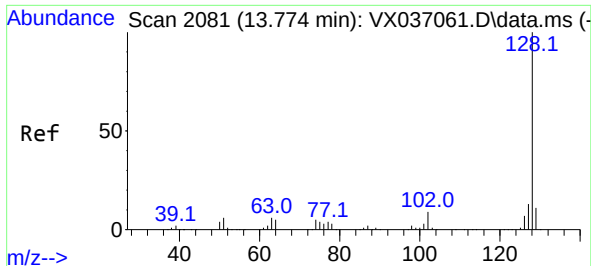
Tgt Ion:180 Resp: 451
Ion Ratio Lower Upper
180 100
182 100.0 48.3 144.8
145 37.0 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.213 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

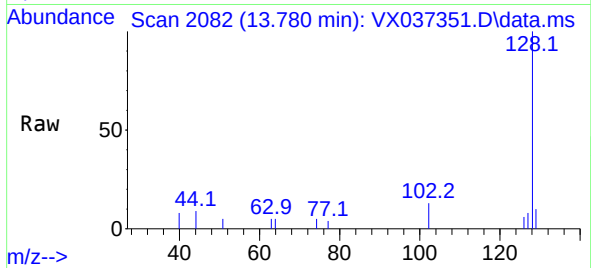
Tgt Ion:225 Resp: 143
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 61.5 32.5 97.5





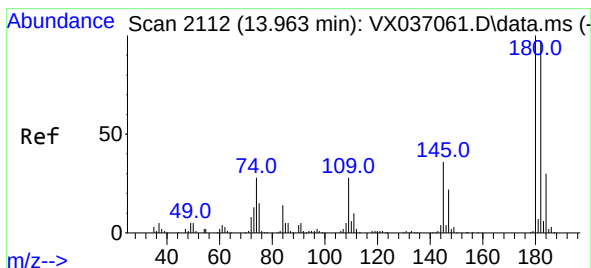
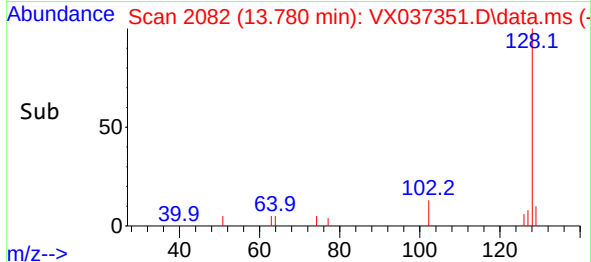
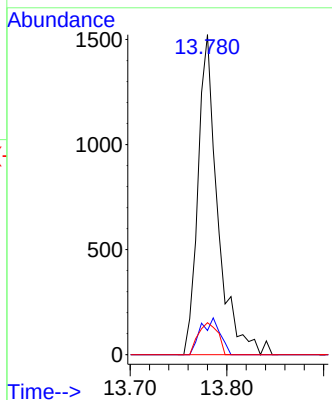
#95
Naphthalene
Concen: 0.286 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2171

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	9.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX037351.D
Acq: 29 Aug 2023 18:54

Tgt Ion:180 Resp: 399

Ion	Ratio	Lower	Upper
180	100		
182	100.0	46.9	140.6
145	34.8	17.8	53.5

