

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039832.D
 Acq On : 19 Jan 2024 12:35
 Operator : JC/MD
 Sample : P1184-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jan 20 00:23:53 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)

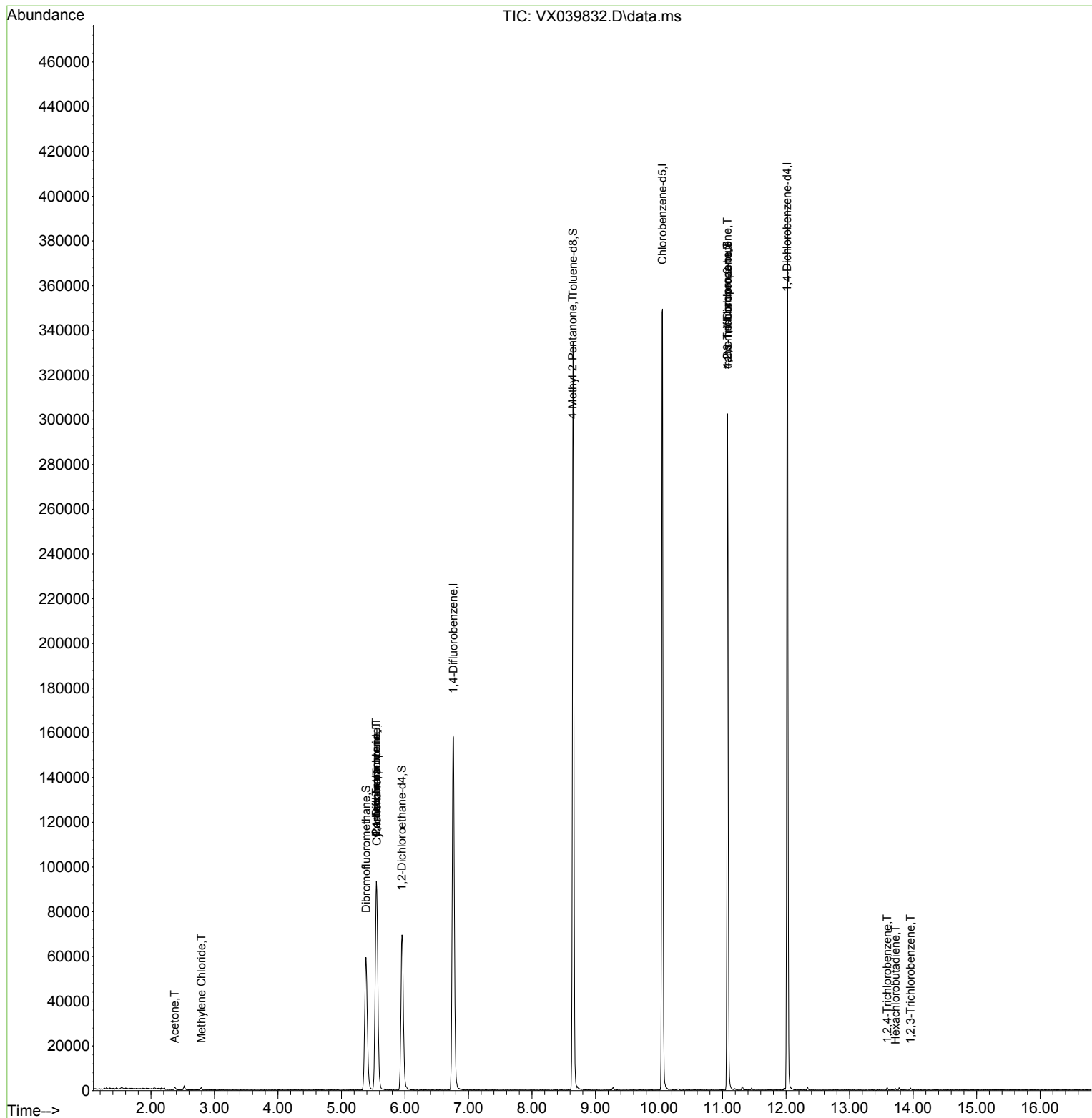
Internal Standards						
1) Pentafluorobenzene	5.550	168	84597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66876	47.191	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.380%
35) Dibromofluoromethane	5.385	113	51238	47.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.647	98	194564	47.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.180%
62) 4-Bromofluorobenzene	11.079	95	79230	49.562	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.120%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1177	1.477	ug/l #	83
20) Methylene Chloride	2.794	84	524	0.435	ug/l #	73
31) Cyclohexane	5.556	56	2151	1.150	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7670	4.546	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9012	5.832	ug/l #	13
51) 4-Methyl-2-Pentanone	8.641	43	906	0.398	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43474	21.663	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	43474	62.975	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	334	0.210	ug/l	90
94) Hexachlorobutadiene	13.725	225	133	0.201	ug/l #	46
96) 1,2,3-Trichlorobenzene	13.963	180	329	0.205	ug/l #	80

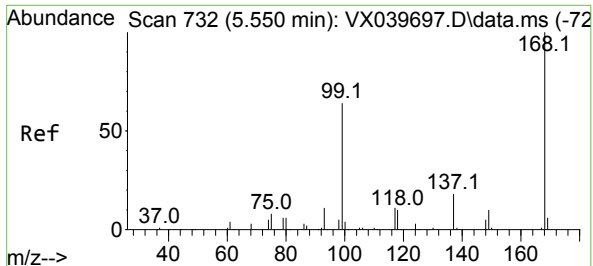
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
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Quant Time: Jan 20 00:23:53 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

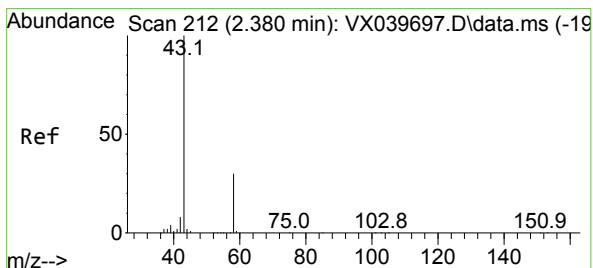
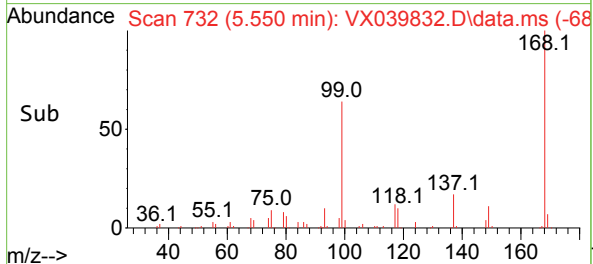
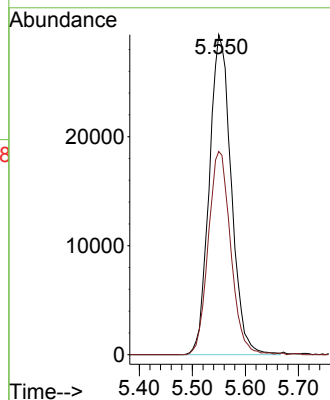
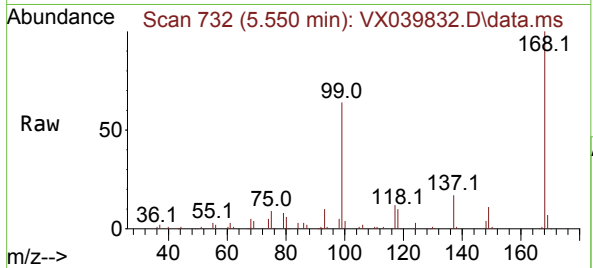




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

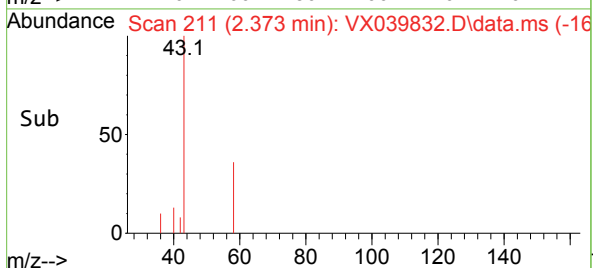
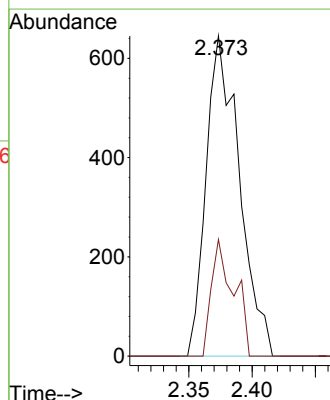
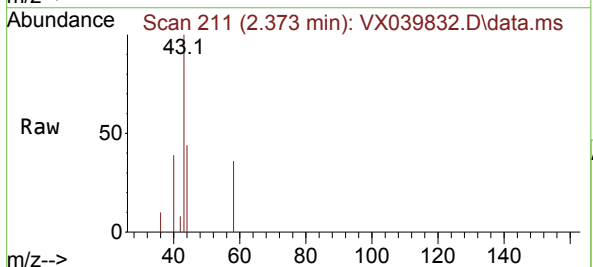
Instrument :
MSVOA_X
ClientSampleId :
TB

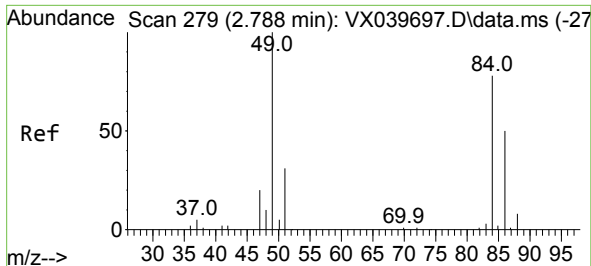
Tgt Ion:168 Resp: 84597
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#16
Acetone
Concen: 1.477 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 36.4 21.9 32.9#



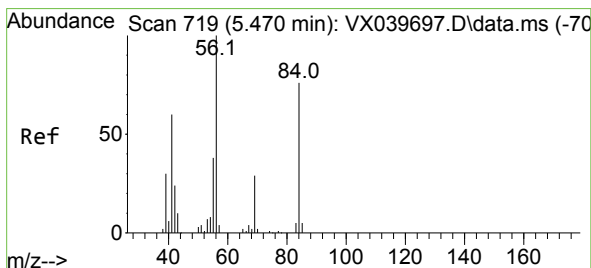
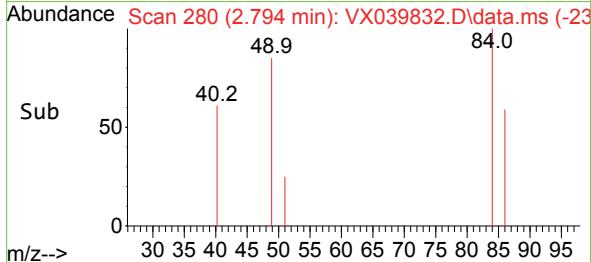
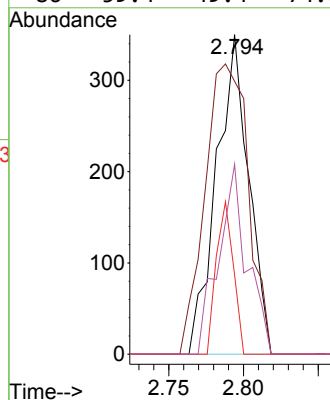
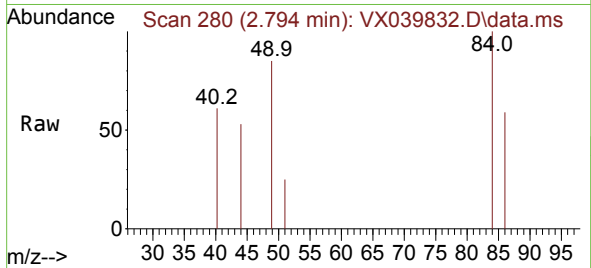


#20
Methylene Chloride
Concen: 0.435 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 84 Resp: 524

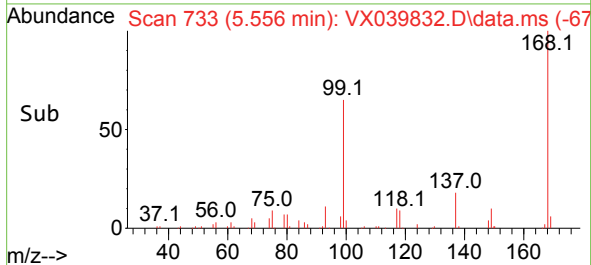
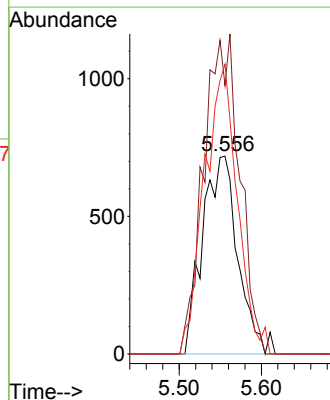
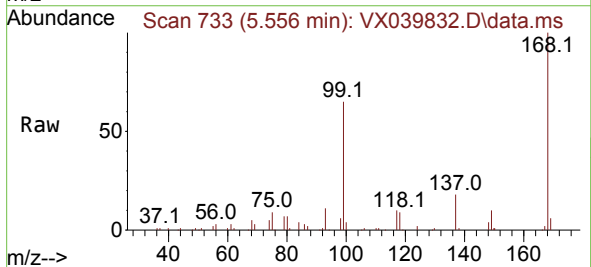
Ion	Ratio	Lower	Upper
84	100		
49	85.4	103.6	155.4#
51	24.9	33.8	50.6#
86	59.4	49.4	74.0

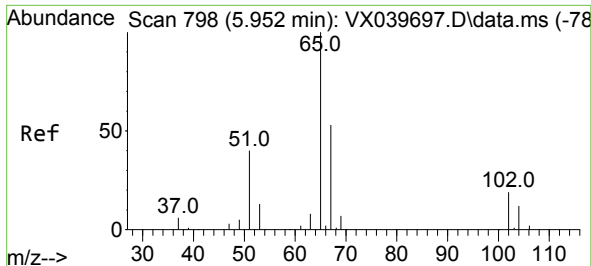


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

Tgt Ion: 56 Resp: 2151

Ion	Ratio	Lower	Upper
56	100		
69	135.7	23.4	35.2#
84	146.5	65.9	98.9#

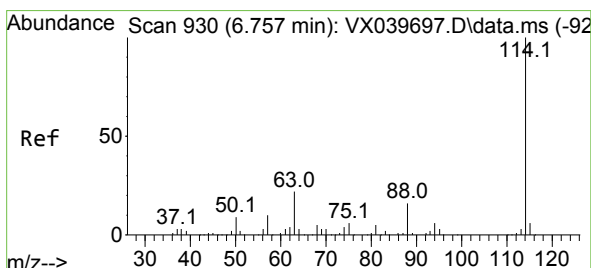
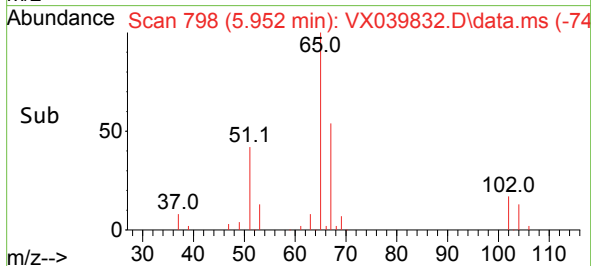
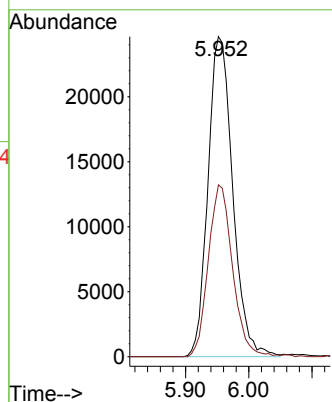
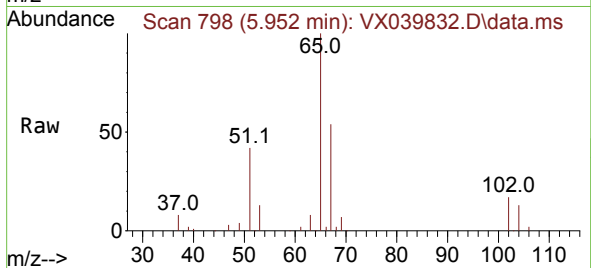




#33
 1,2-Dichloroethane-d4
 Concen: 47.191 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX039832.D
 Acq: 19 Jan 2024 12:35

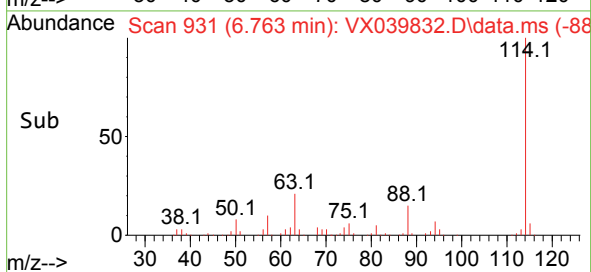
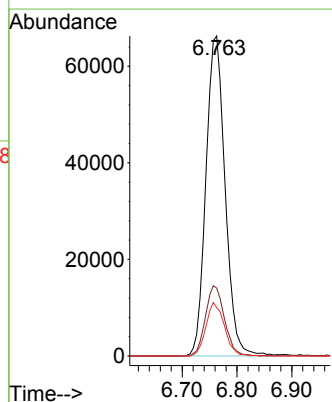
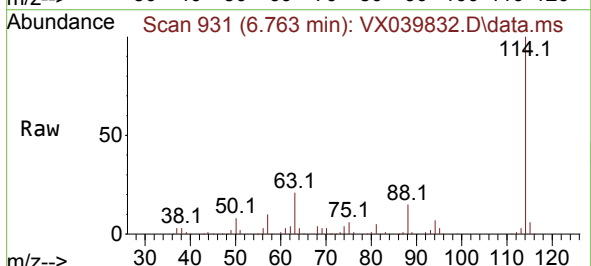
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

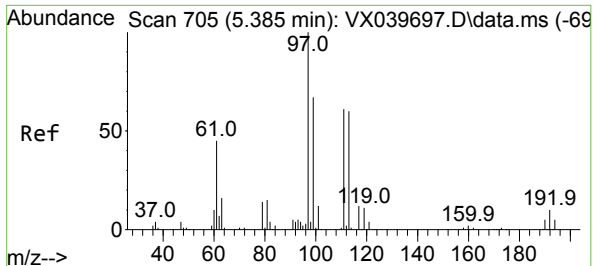
Tgt Ion: 65 Resp: 66876
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX039832.D
 Acq: 19 Jan 2024 12:35

Tgt Ion: 114 Resp: 160925
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.0
 88 15.2 0.0 36.6

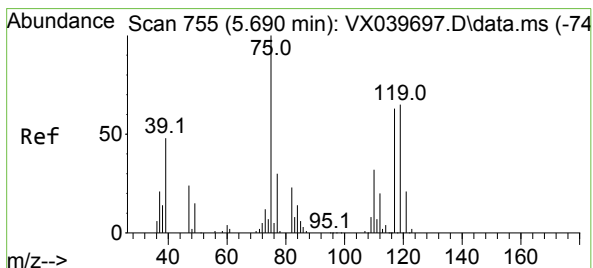
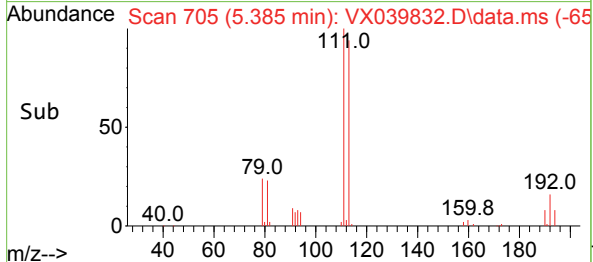
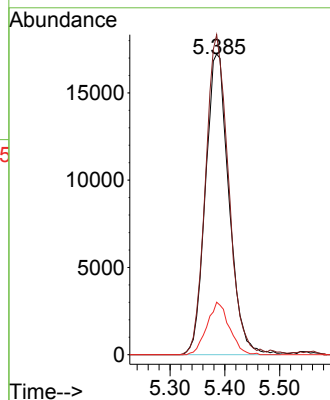
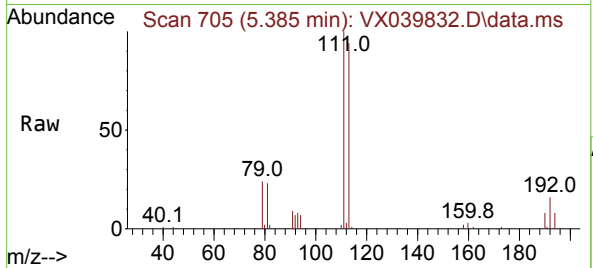




#35
Dibromofluoromethane
Concen: 47.272 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

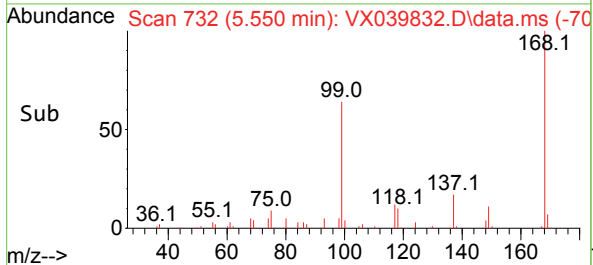
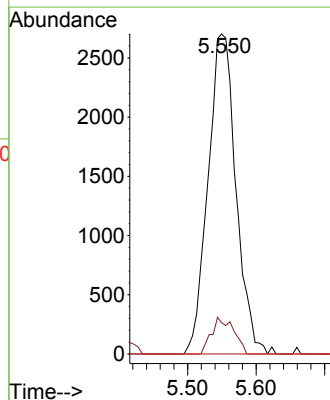
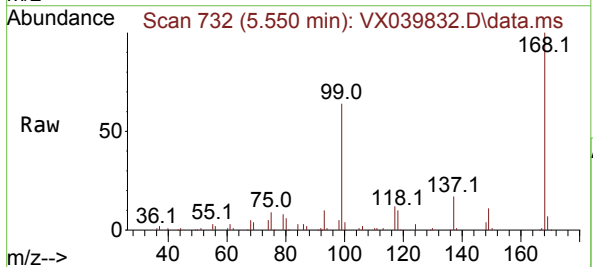
Instrument :
MSVOA_X
ClientSampleId :
TB

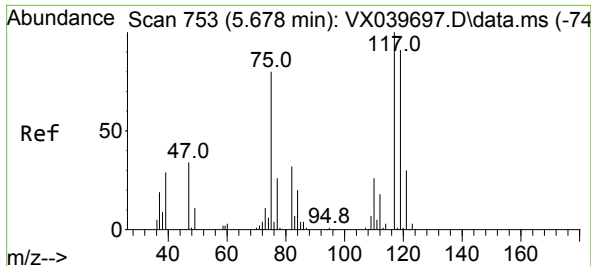
Tgt Ion:113 Resp: 51238
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.546 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

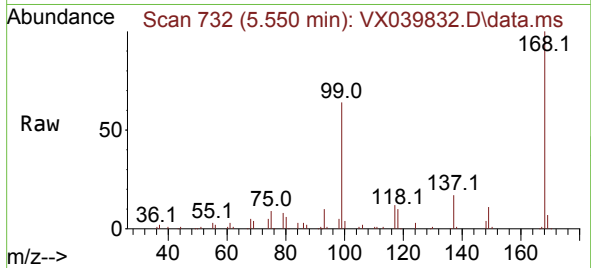
Tgt Ion: 75 Resp: 7670
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



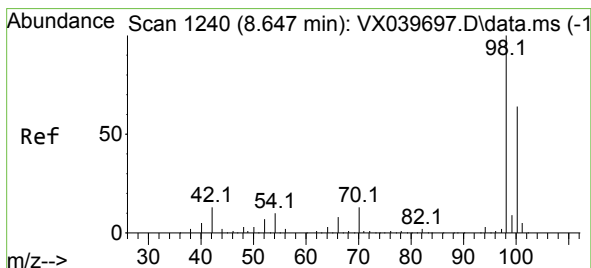
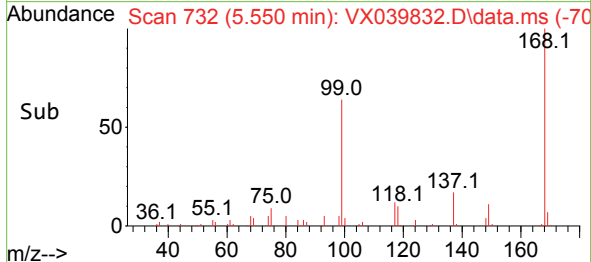
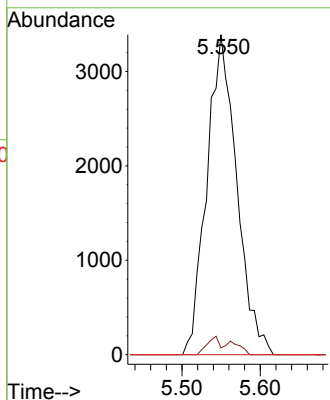


#38
Carbon Tetrachloride
Concen: 5.832 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
TB

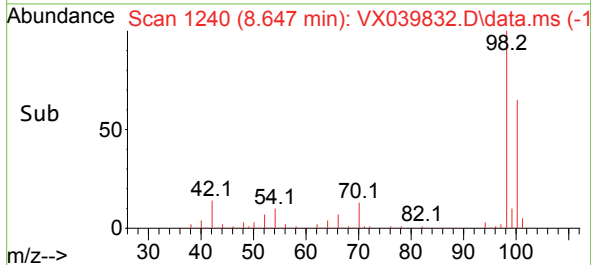
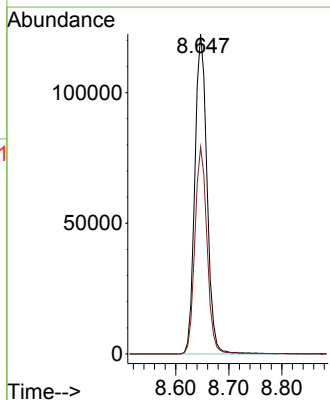
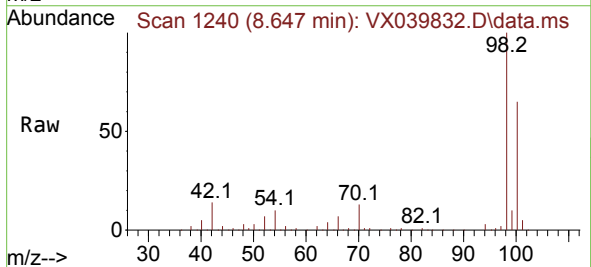


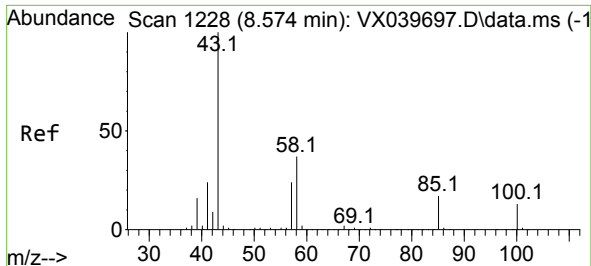
Tgt Ion:117 Resp: 9012
Ion Ratio Lower Upper
117 100
119 2.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.594 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

Tgt Ion: 98 Resp: 194564
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

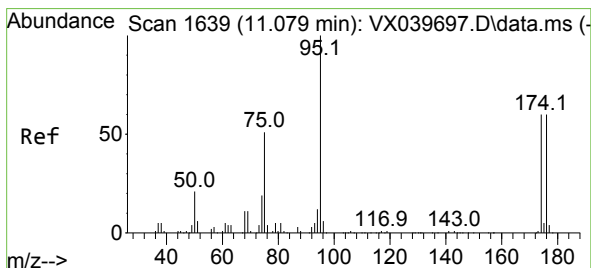
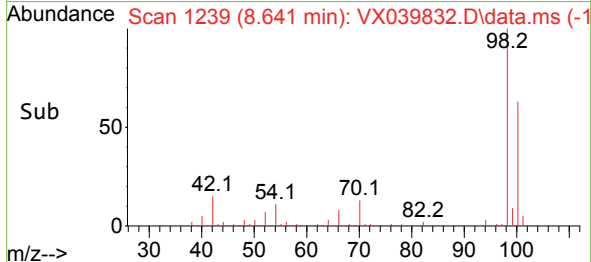
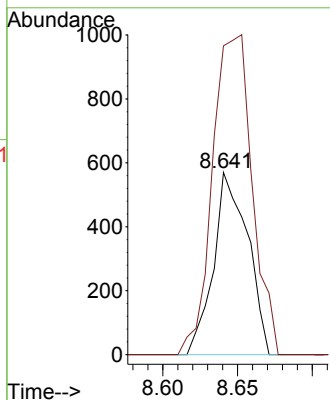
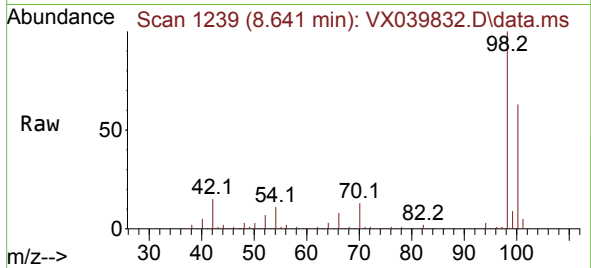




#51
4-Methyl-2-Pentanone
Concen: 0.398 ug/l
RT: 8.641 min Scan# 1132
Delta R.T. 0.067 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

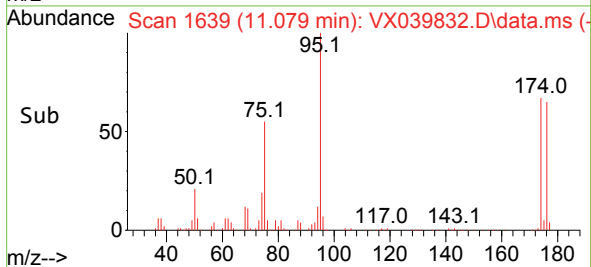
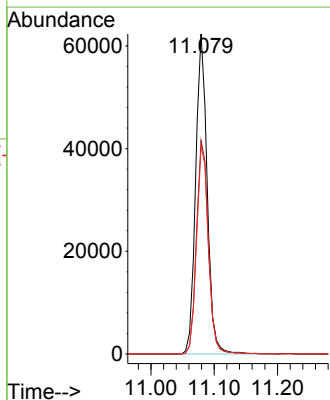
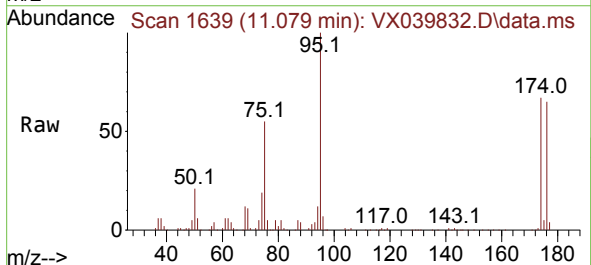
Instrument :
MSVOA_X
ClientSampleId :
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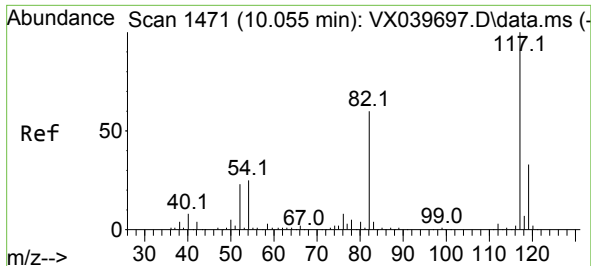
Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 204.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

Tgt Ion: 95 Resp: 79230
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.6
176 66.7 0.0 131.0

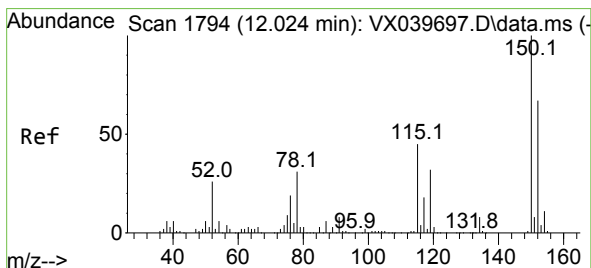
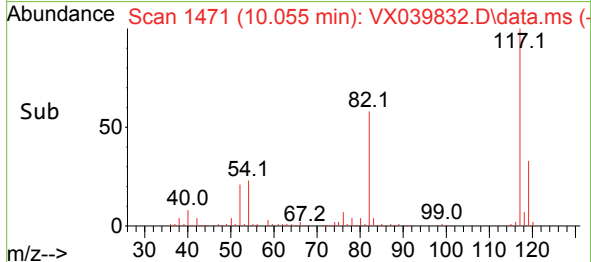
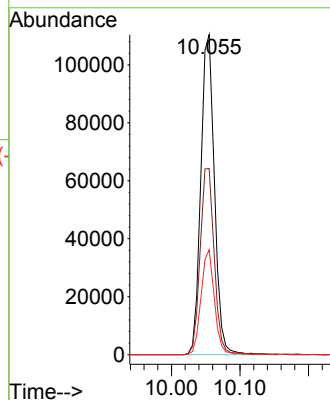
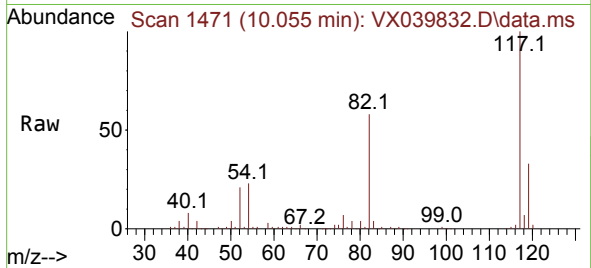




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

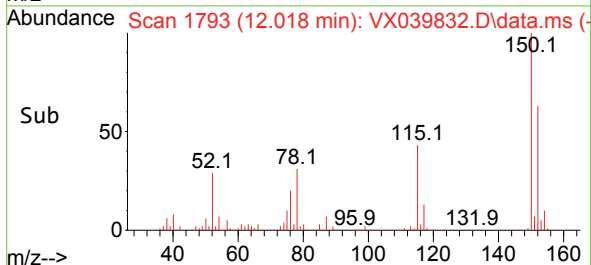
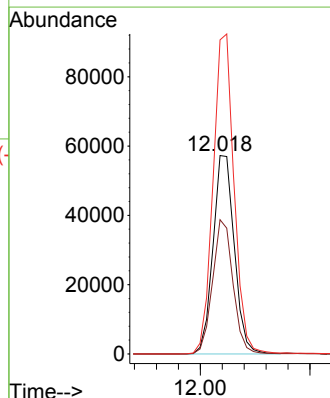
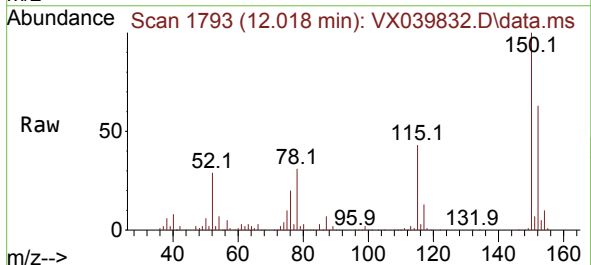
Instrument :
MSVOA_X
ClientSampleId :
TB

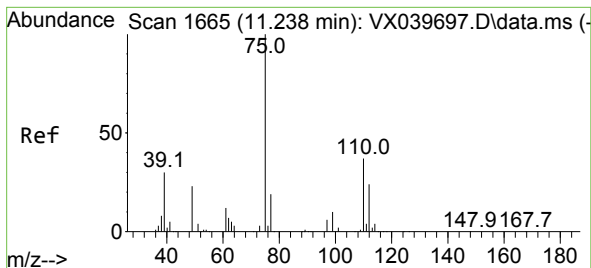
Tgt Ion:117 Resp: 153732
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

Tgt Ion:152 Resp: 77405
Ion Ratio Lower Upper
152 100
115 64.7 43.3 129.9
150 159.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.663 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039832.D

Acq: 19 Jan 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

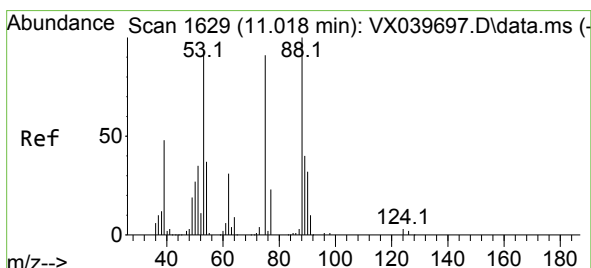
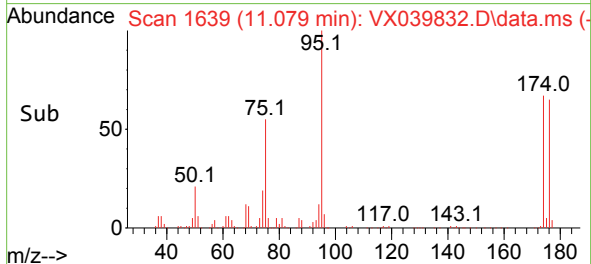
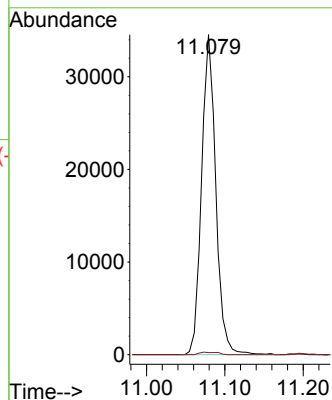
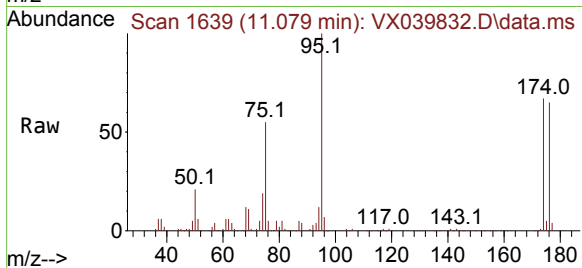
TB

Tgt Ion: 75 Resp: 43474

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.975 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039832.D

Acq: 19 Jan 2024 12:35

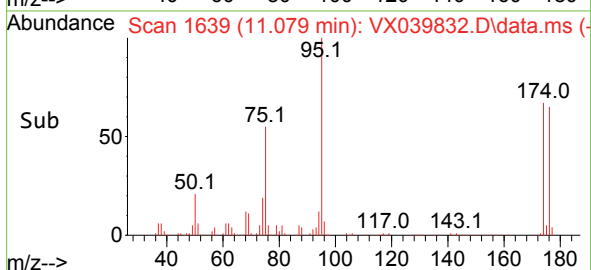
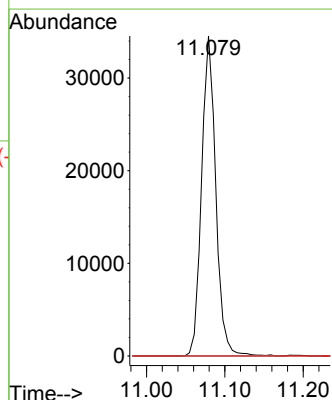
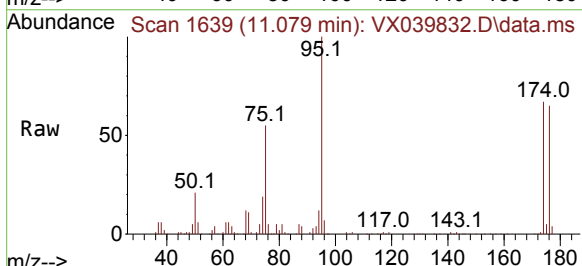
Tgt Ion: 75 Resp: 43474

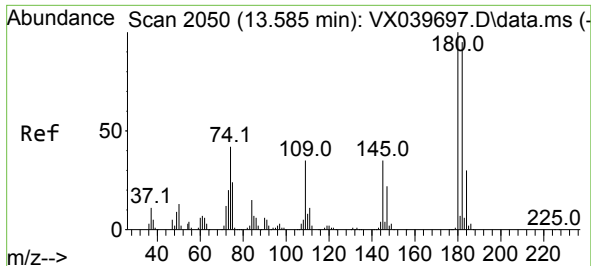
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

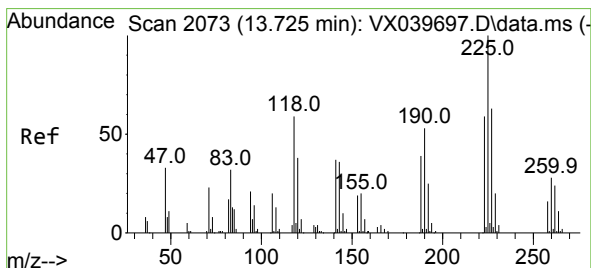
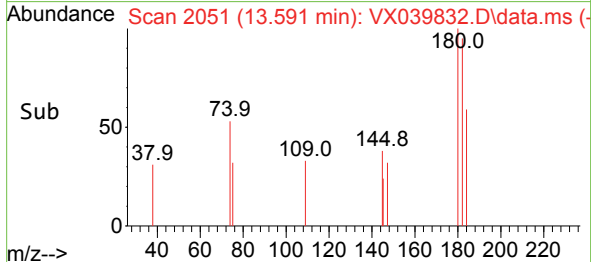
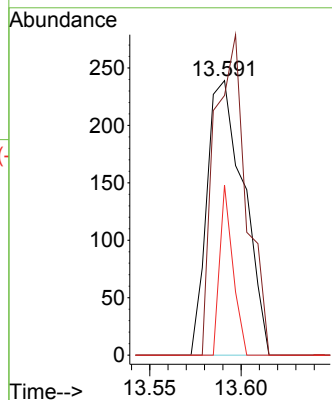
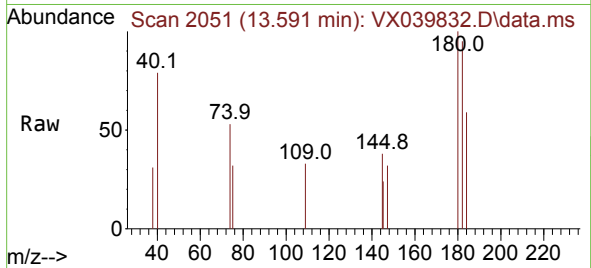




#93
1,2,4-Trichlorobenzene
Concen: 0.210 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

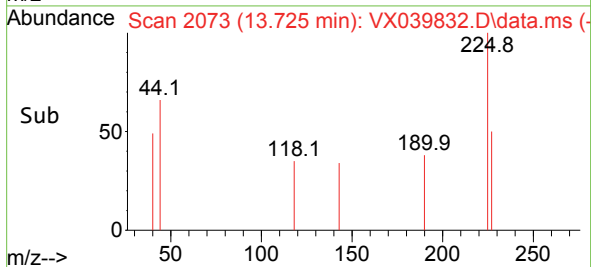
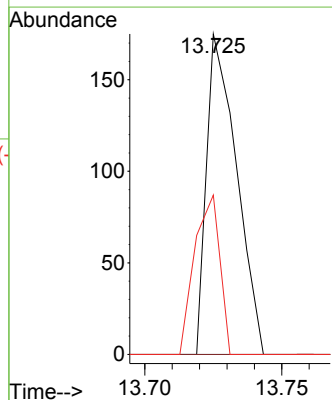
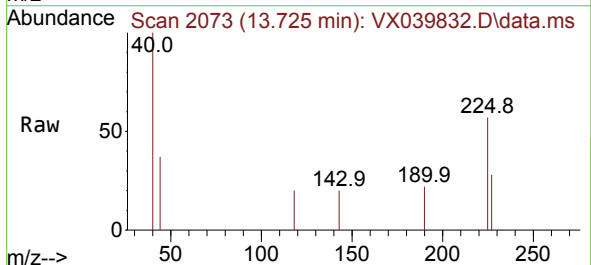
Instrument :
MSVOA_X
ClientSampleId :
TB

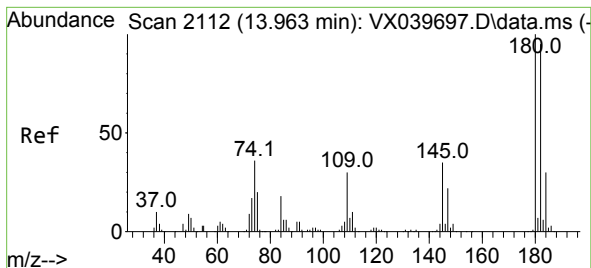
Tgt Ion:180 Resp: 334
Ion Ratio Lower Upper
180 100
182 100.9 48.3 144.8
145 22.2 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.201 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039832.D
Acq: 19 Jan 2024 12:35

Tgt Ion:225 Resp: 133
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 42.1 32.5 97.5





#96

1,2,3-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039832.D

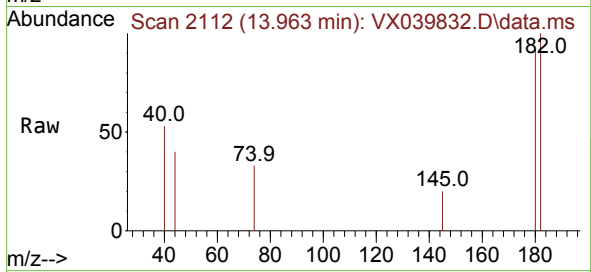
Acq: 19 Jan 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:180 Resp: 329

Ion Ratio Lower Upper

180 100

182 80.2 46.9 140.6

145 14.0 17.8 53.5#

