

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031980.D
 Acq On : 08 Oct 2022 00:00
 Operator : JC/MD
 Sample : N5061-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-100722

Quant Time: Oct 08 06:32:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

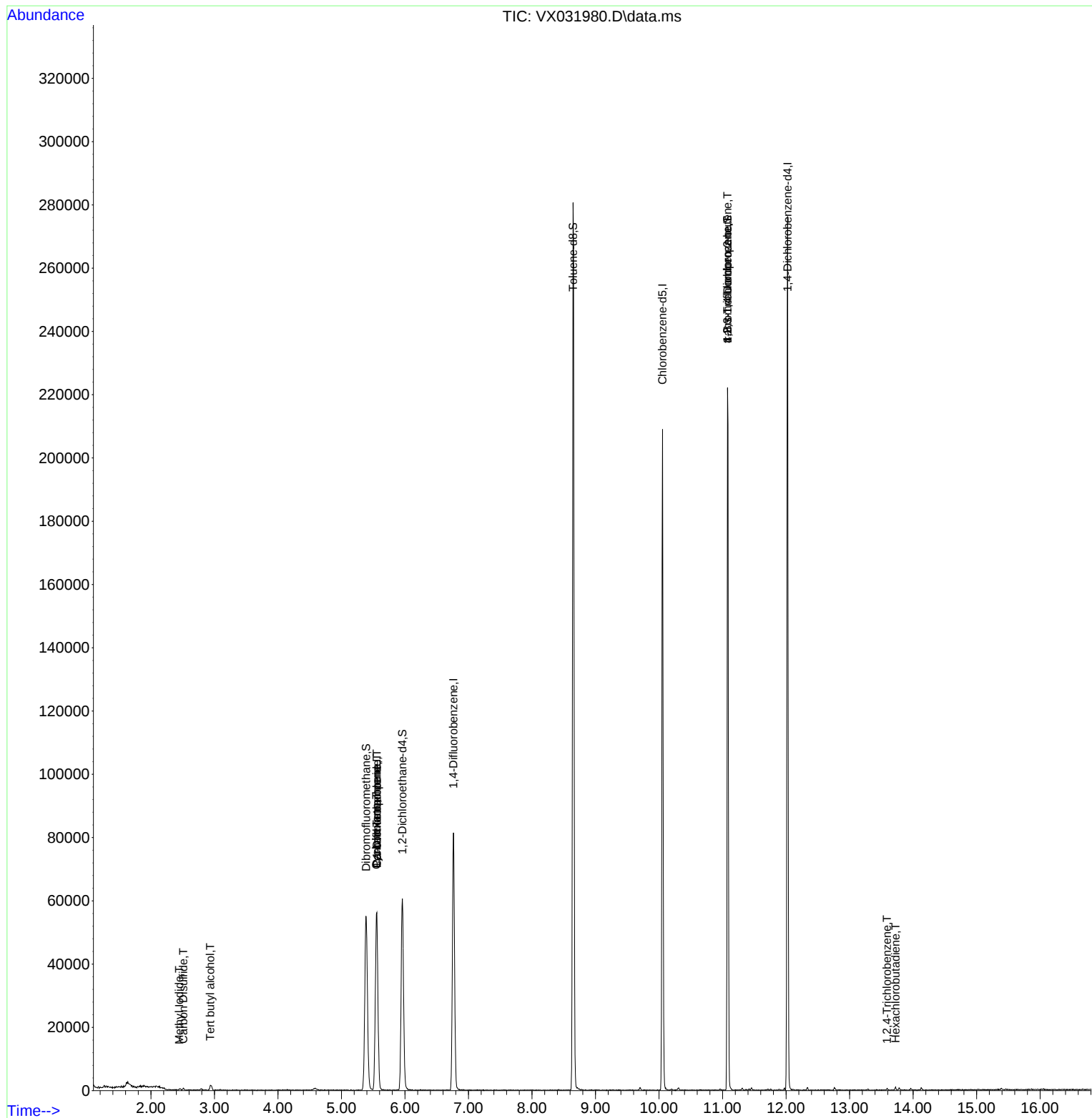
Internal Standards						
1) Pentafluorobenzene	5.556	168	52913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	83728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57526	52.643	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.280%	
35) Dibromofluoromethane	5.385	113	48399	51.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.140%	
50) Toluene-d8	8.647	98	167377	49.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.160%	
62) 4-Bromofluorobenzene	11.079	95	58007	48.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	291	Below Cal		85
10) Methyl Iodide	2.447	142	446	3.228	ug/l #	66
11) Tert butyl alcohol	2.934	59	987	7.260	ug/l #	73
17) Carbon Disulfide	2.508	76	557	0.322	ug/l #	75
31) Cyclohexane	5.550	56	1194	0.915	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	4210	3.350	ug/l #	46
38) Carbon Tetrachloride	5.556	117	5360	4.171	ug/l #	19
76) 1,2,3-Trichloropropane	11.079	75	29924	26.085	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29924	89.502	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	259	0.217	ug/l #	82
94) Hexachlorobutadiene	13.725	225	193	0.399	ug/l #	65

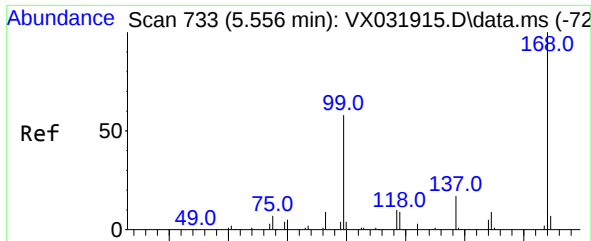
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

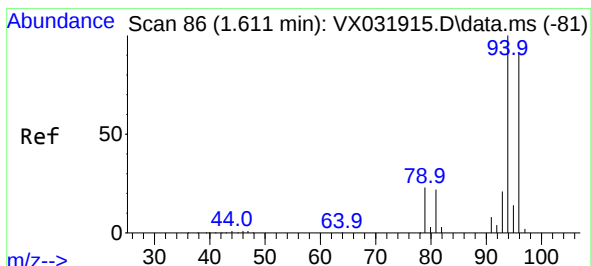
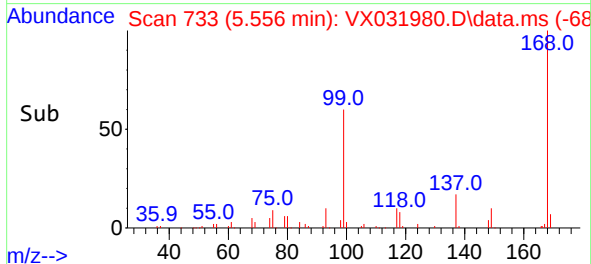
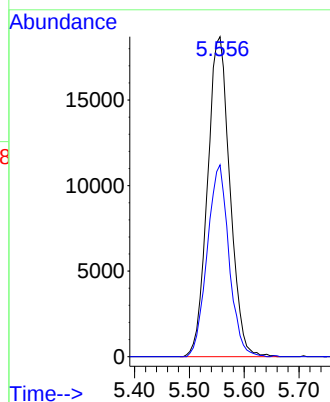
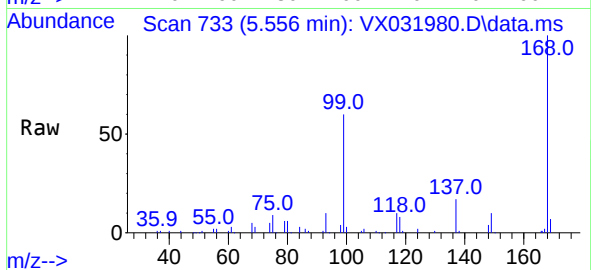




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

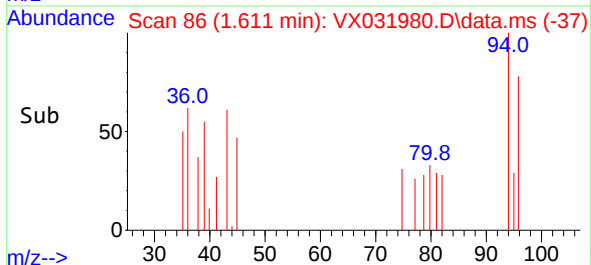
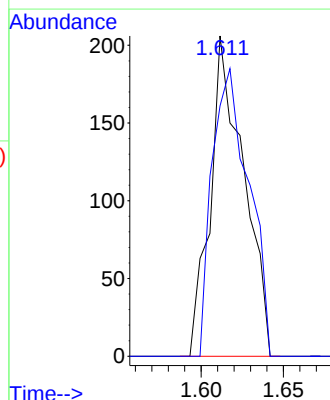
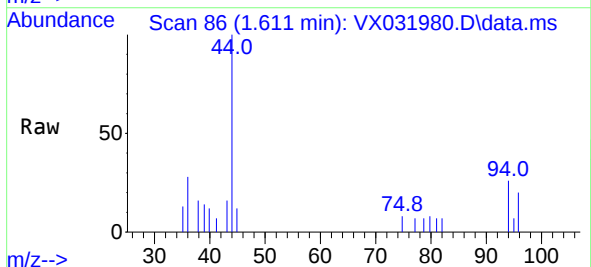
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100722

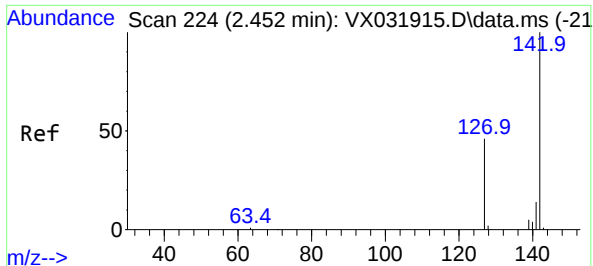
Tgt Ion:168 Resp: 52913
Ion Ratio Lower Upper
168 100
99 59.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

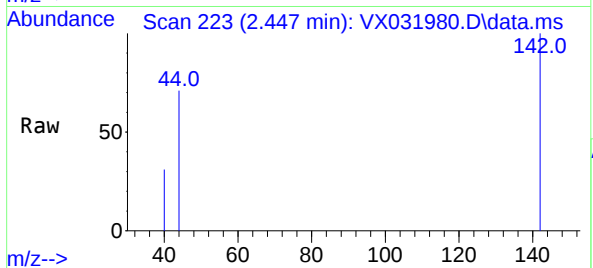
Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 78.2 74.4 111.6



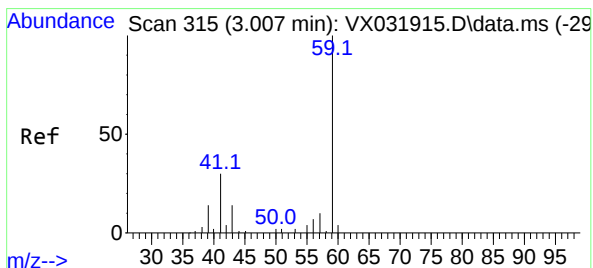
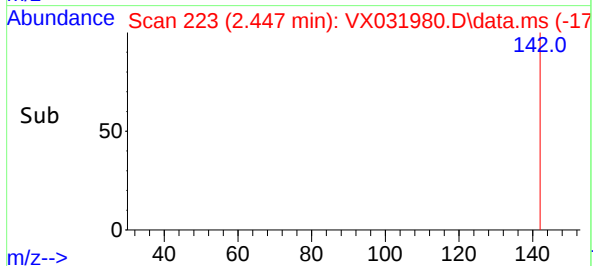
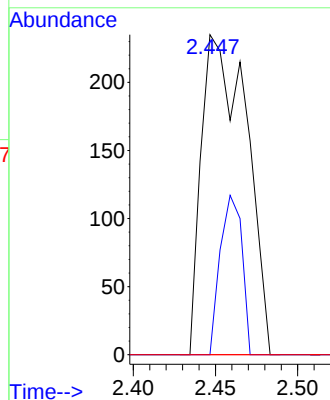


#10
Methyl Iodide
Concen: 3.228 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100722

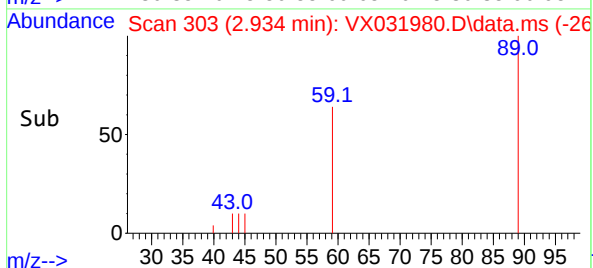
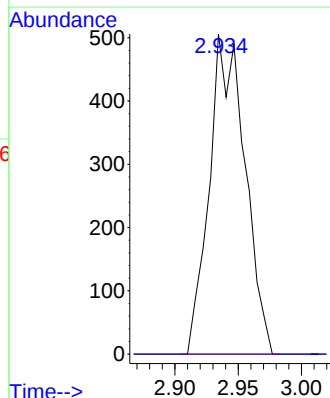
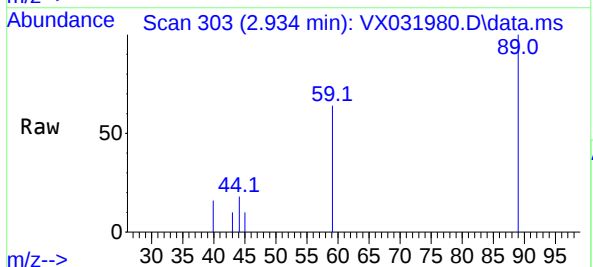


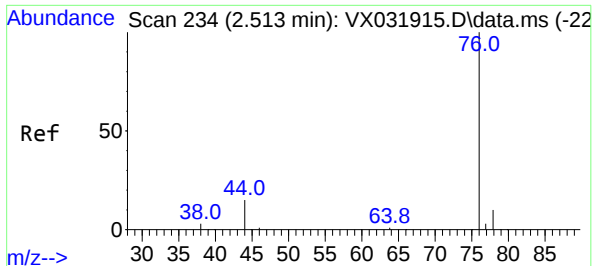
Tgt Ion:142 Resp: 446
Ion Ratio Lower Upper
142 100
127 24.2 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 7.260 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

Tgt Ion: 59 Resp: 987
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

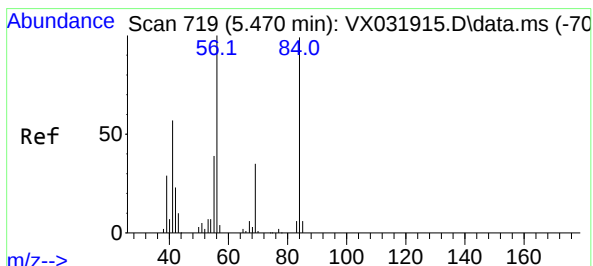
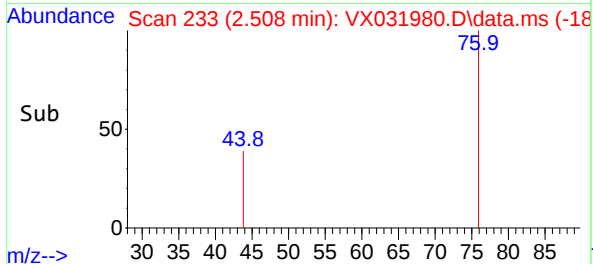
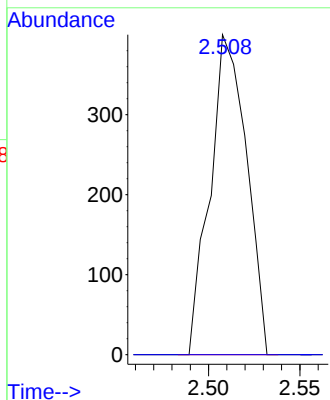
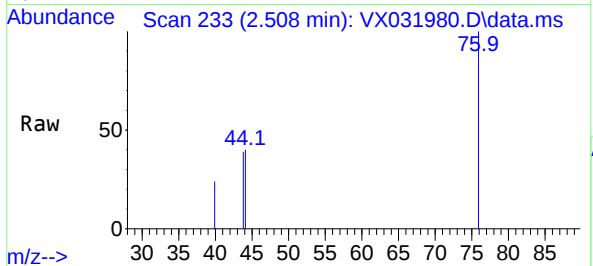




#17
Carbon Disulfide
Concen: 0.322 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

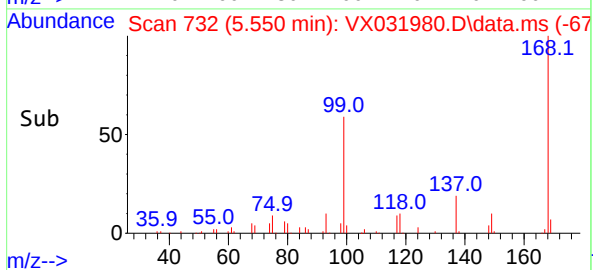
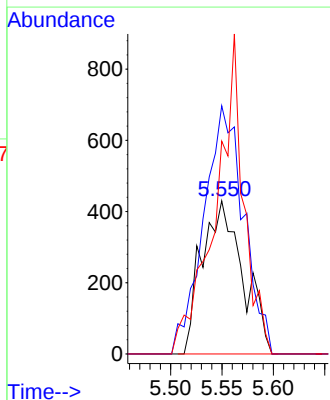
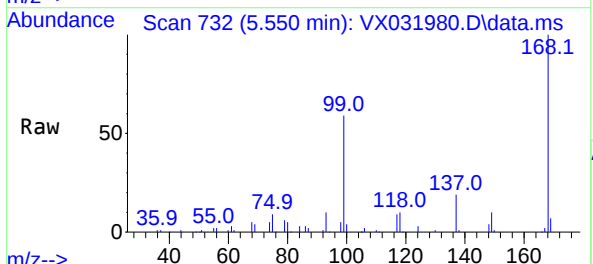
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100722

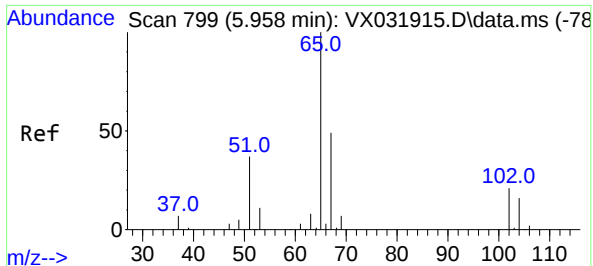
Tgt Ion: 76 Resp: 557
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 0.915 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

Tgt Ion: 56 Resp: 1194
Ion Ratio Lower Upper
56 100
69 162.1 25.1 37.7#
84 139.1 70.2 105.4#

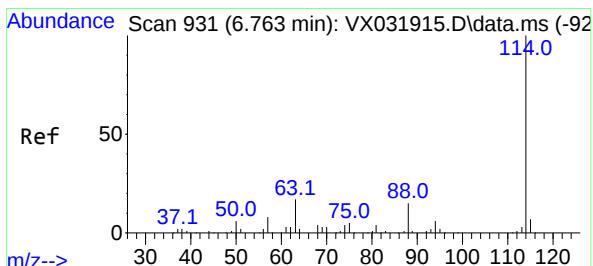
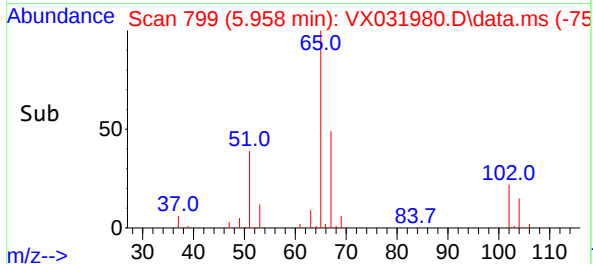
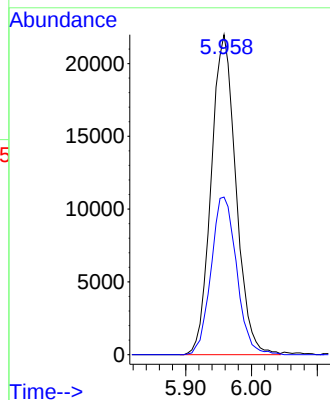
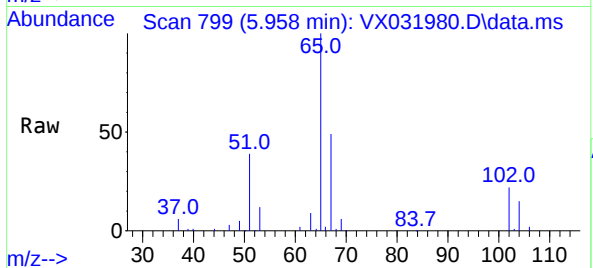




#33
 1,2-Dichloroethane-d4
 Concen: 52.643 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031980.D
 Acq: 08 Oct 2022 00:00

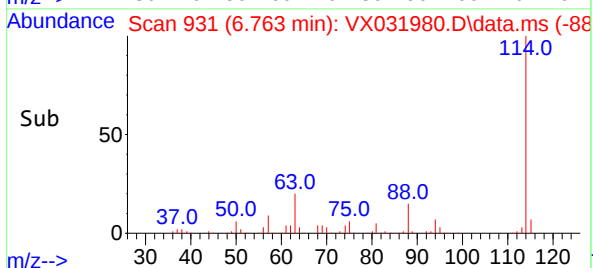
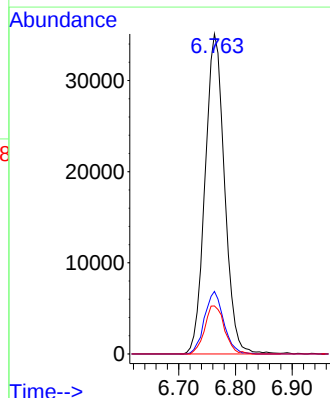
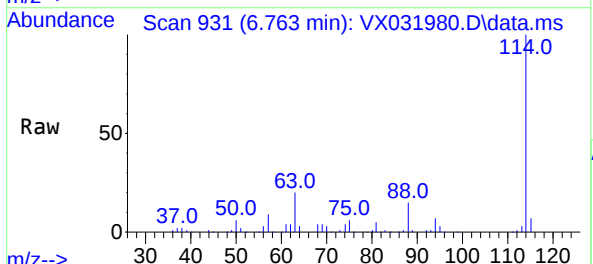
Instrument :
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 ClientSampleId :
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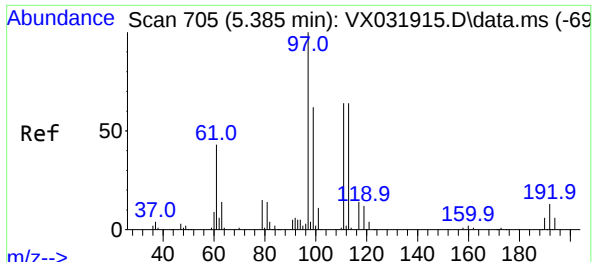
Tgt Ion: 65 Resp: 57526
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX031980.D
 Acq: 08 Oct 2022 00:00

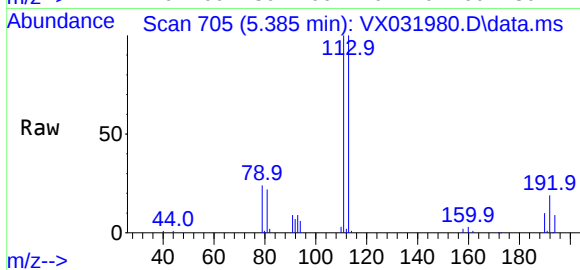
Tgt Ion: 114 Resp: 83728
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.6
 88 15.0 0.0 33.0



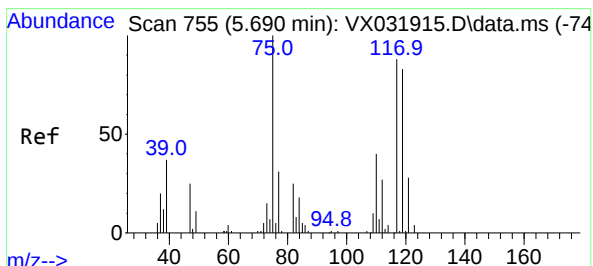
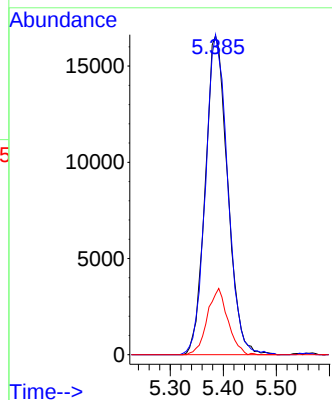
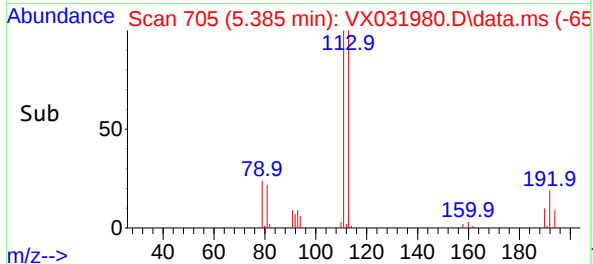


#35
Dibromofluoromethane
Concen: 51.067 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

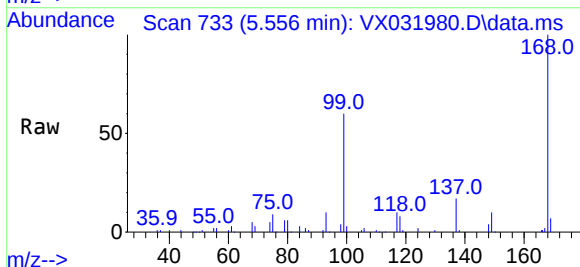
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MSVOA_X
ClientSampleId :
TB-01-100722



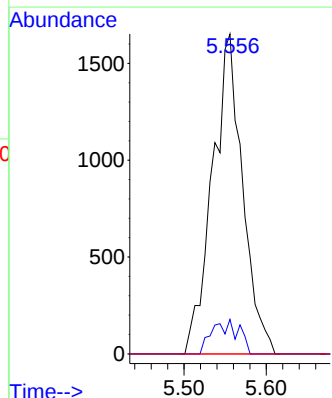
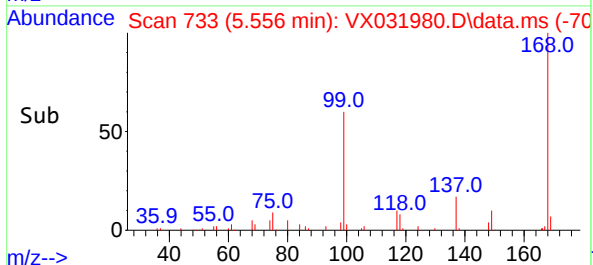
Tgt Ion:113 Resp: 48399
Ion Ratio Lower Upper
113 100
111 99.8 82.4 123.6
192 19.2 14.1 21.1

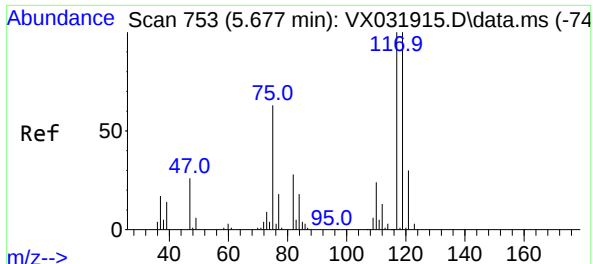


#36
1,1-Dichloropropene
Concen: 3.350 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00



Tgt Ion: 75 Resp: 4210
Ion Ratio Lower Upper
75 100
110 5.1 17.5 52.5#
77 0.0 24.9 37.3#

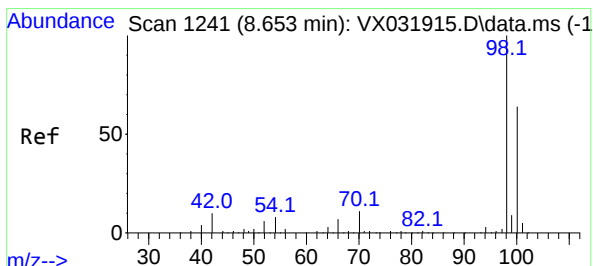
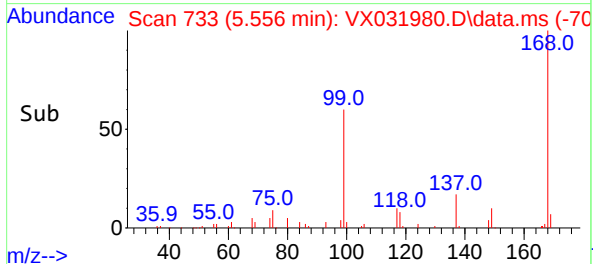
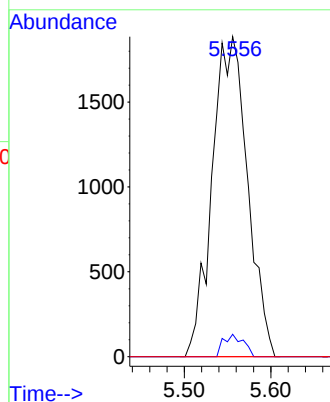
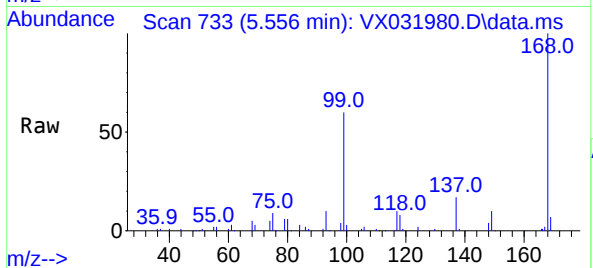




#38
Carbon Tetrachloride
Concen: 4.171 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

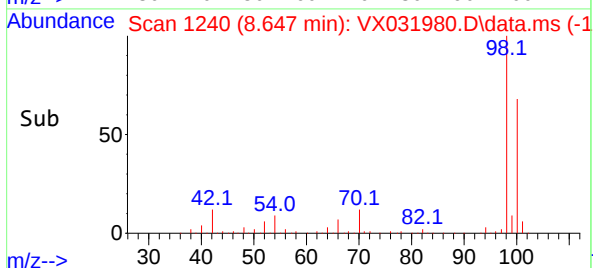
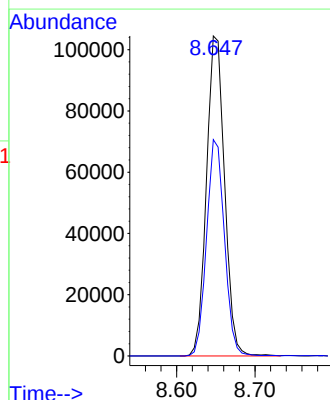
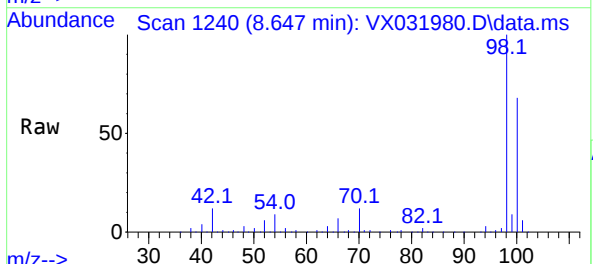
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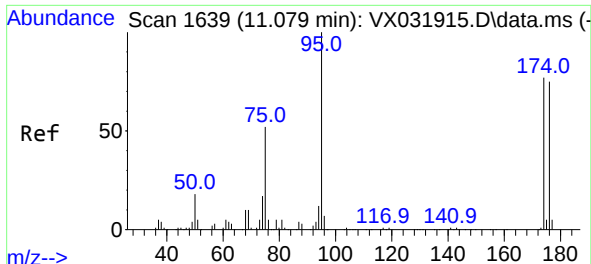
Tgt Ion:117 Resp: 5360
Ion Ratio Lower Upper
117 100
119 7.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.079 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

Tgt Ion: 98 Resp: 167377
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

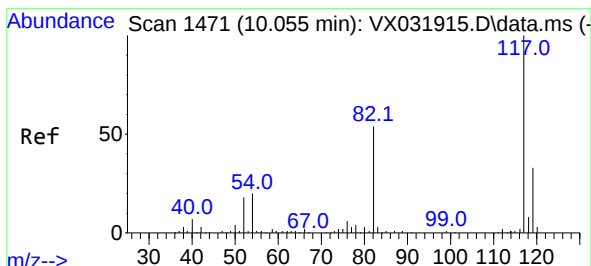
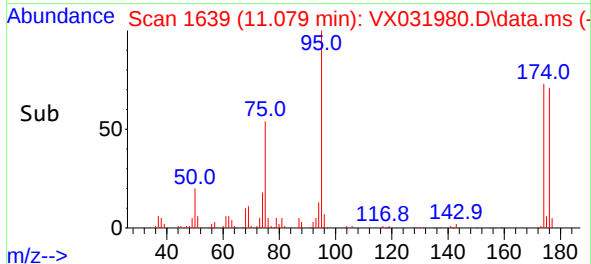
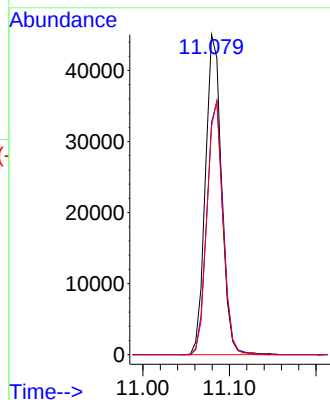
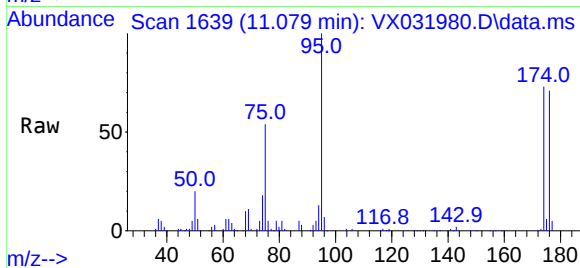




#62
4-Bromofluorobenzene
Concen: 48.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

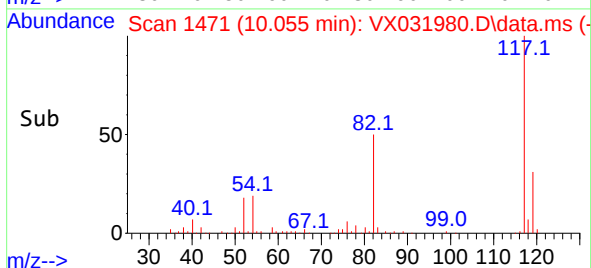
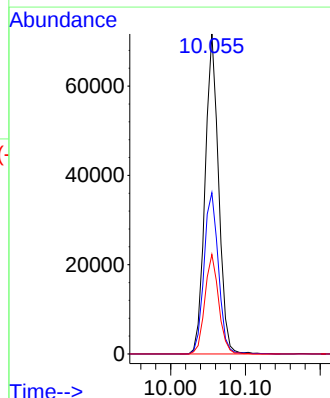
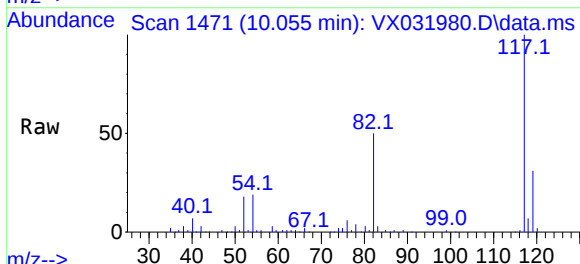
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100722

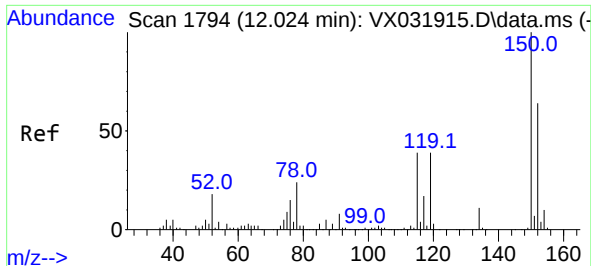
Tgt Ion: 95 Resp: 58007
Ion Ratio Lower Upper
95 100
174 80.3 0.0 153.2
176 78.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

Tgt Ion: 117 Resp: 89886
Ion Ratio Lower Upper
117 100
82 50.4 46.8 70.2
119 31.1 26.4 39.6

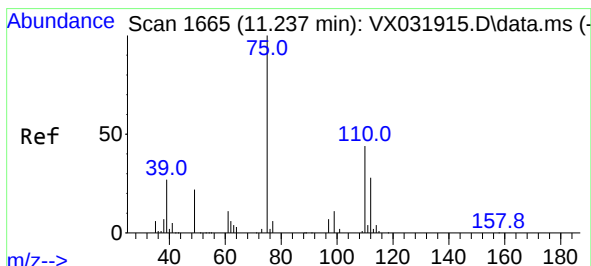
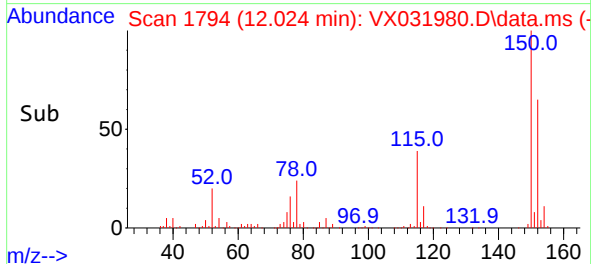
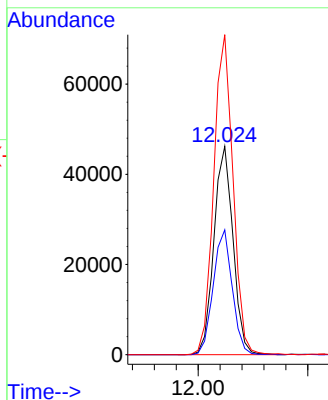
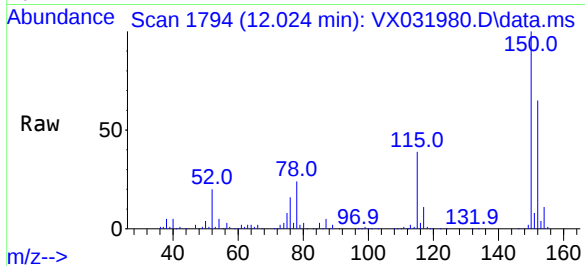




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031980.D
 Acq: 08 Oct 2022 00:00

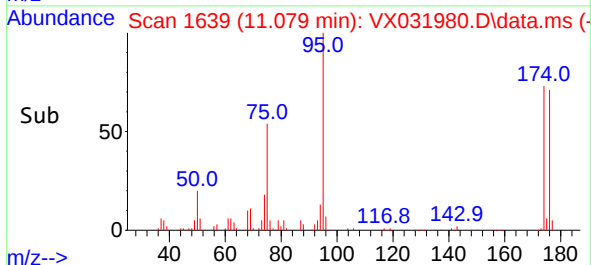
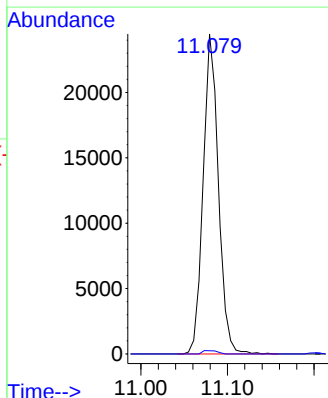
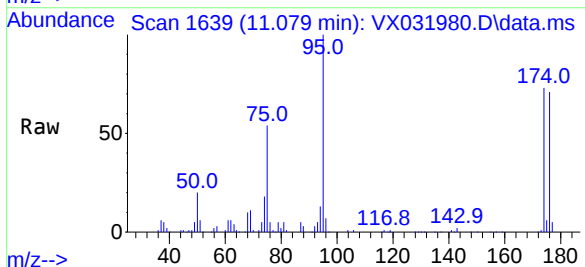
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-100722

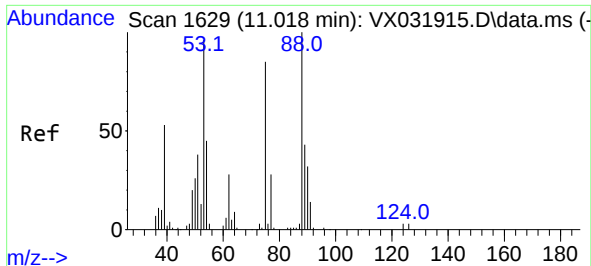
Tgt Ion:152 Resp: 55974
 Ion Ratio Lower Upper
 152 100
 115 59.6 43.4 130.1
 150 154.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 26.085 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031980.D
 Acq: 08 Oct 2022 00:00

Tgt Ion: 75 Resp: 29924
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.3 60.9#

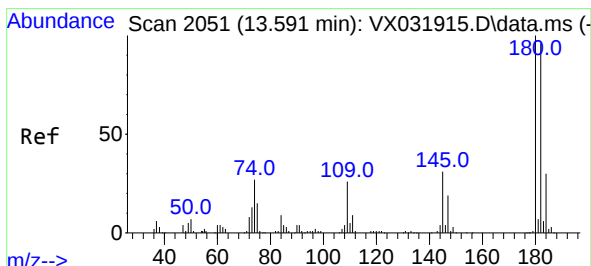
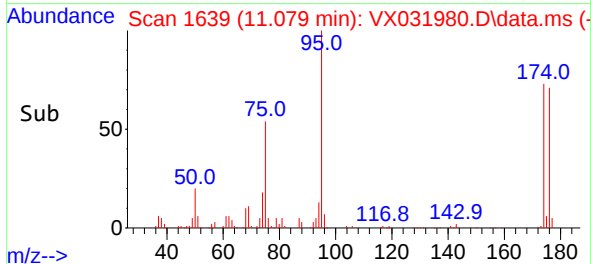
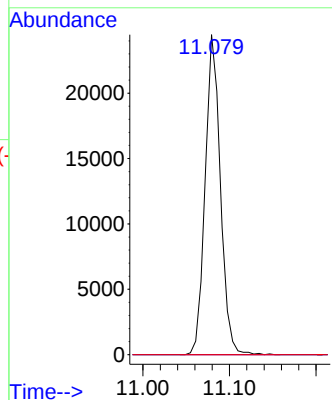
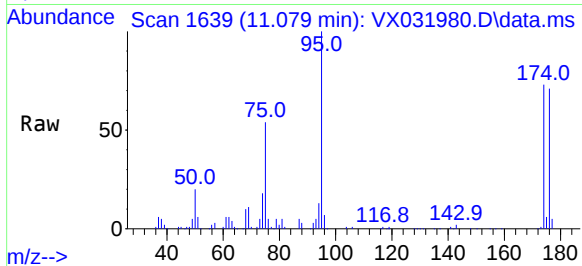




#81
trans-1,4-Dichloro-2-butene
Concen: 89.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

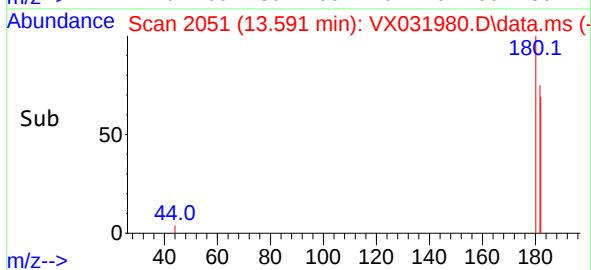
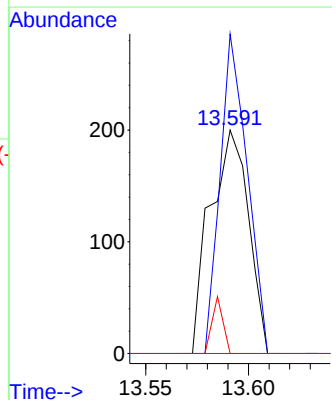
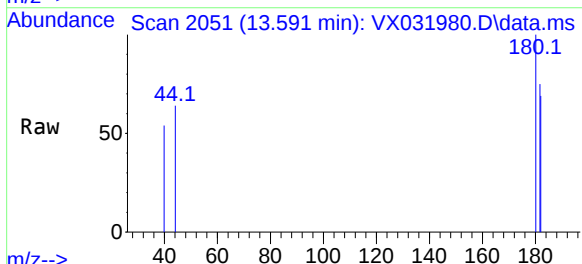
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100722

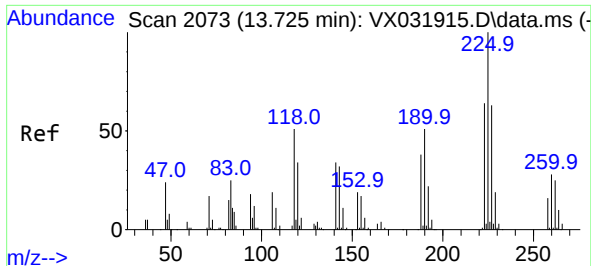
Tgt Ion: 75 Resp: 29924
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031980.D
Acq: 08 Oct 2022 00:00

Tgt Ion:180 Resp: 259
Ion Ratio Lower Upper
180 100
182 101.5 46.9 140.6
145 7.3 16.7 50.1#





#94

Hexachlorobutadiene

Concen: 0.399 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX031980.D

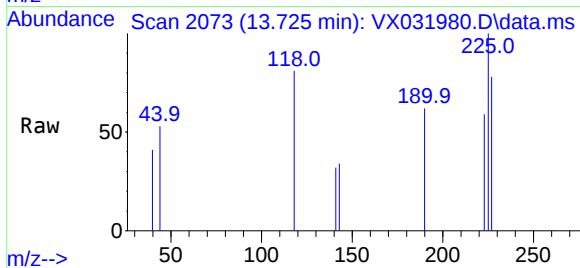
Acq: 08 Oct 2022 00:00

Instrument :

MSVOA_X

ClientSampleId :

TB-01-100722



Tgt Ion:225 Resp: 193

Ion Ratio Lower Upper

225 100

223 80.3 30.8 92.4

227 100.0 32.3 96.9#

