

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034470.D
 Acq On : 14 Mar 2023 17:17
 Operator : JC/MD
 Sample : 01890-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-031023

Quant Time: Mar 15 06:50:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

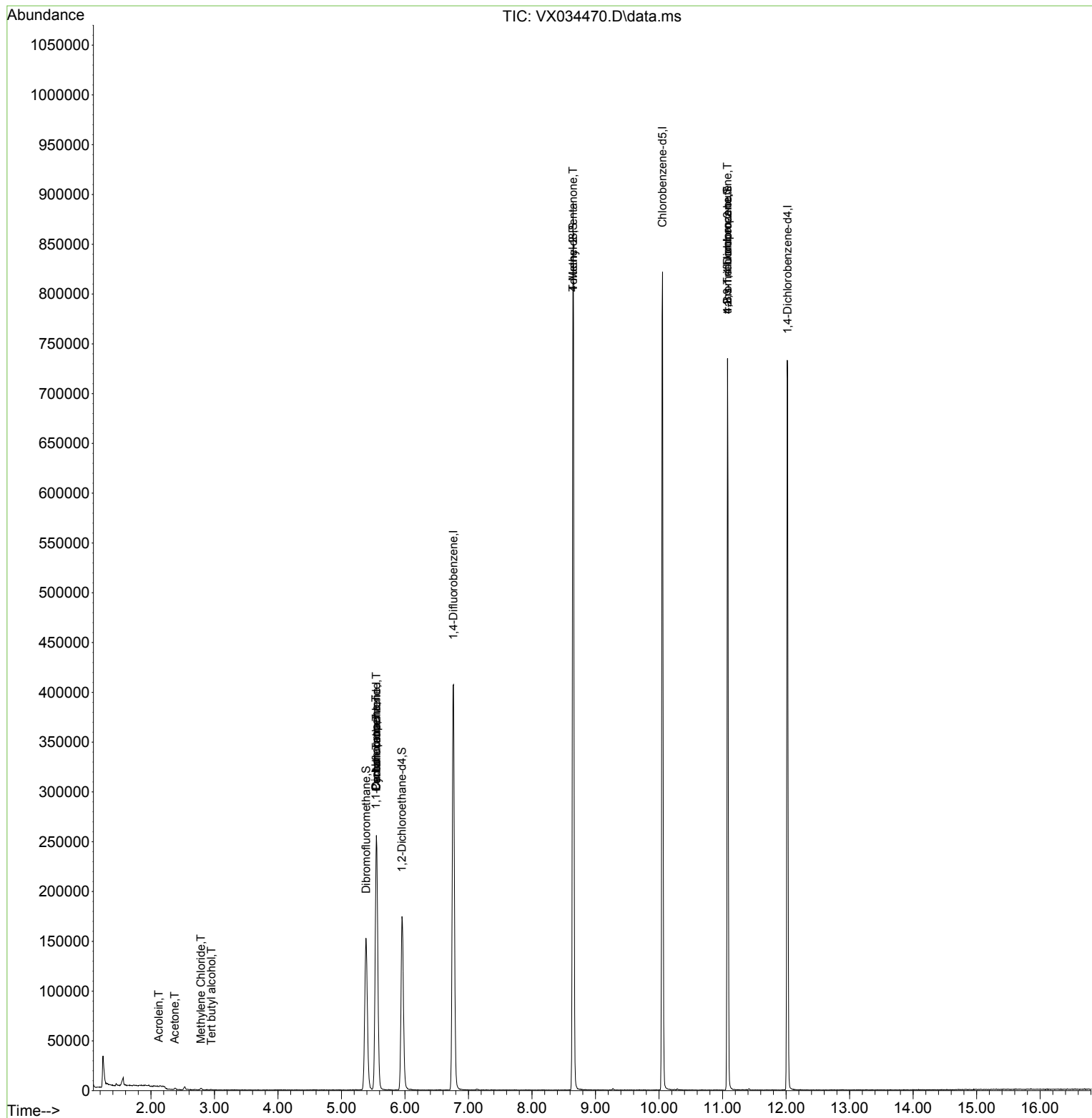
Internal Standards						
1) Pentafluorobenzene	5.550	168	243361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	414839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163309	46.127	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.260%
35) Dibromofluoromethane	5.385	113	132818	48.492	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.647	98	504560	49.347	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	184800	44.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	794	Below Cal		91
11) Tert butyl alcohol	2.953	59	189	0.256 ug/l	#	73
13) Acrolein	2.124	56	129	0.221 ug/l	#	60
16) Acetone	2.373	43	1607	0.964 ug/l		97
20) Methylene Chloride	2.788	84	920	0.284 ug/l	#	72
31) Cyclohexane	5.550	56	5416	1.091 ug/l	#	1
36) 1,1-Dichloropropene	5.544	75	19571	4.652 ug/l	#	51
38) Carbon Tetrachloride	5.550	117	24930	5.957 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.647	43	2705	0.599 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	95375	27.246 ug/l	#	34
81) trans-1,4-Dichloro-2-b...	11.079	75	95375	73.710 ug/l	#	8

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

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TB-01-031023

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

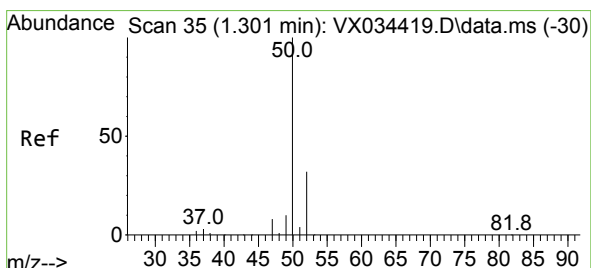
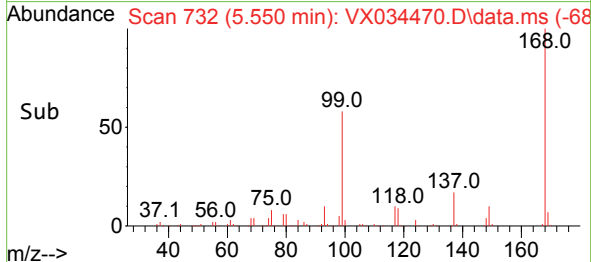
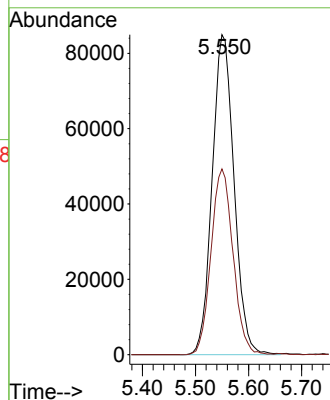
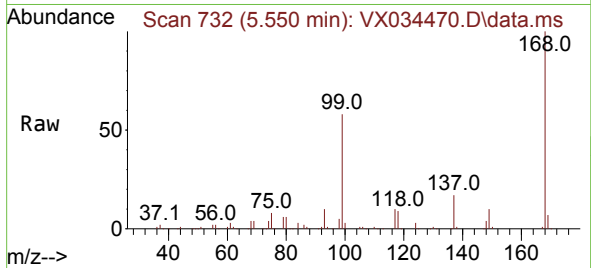




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

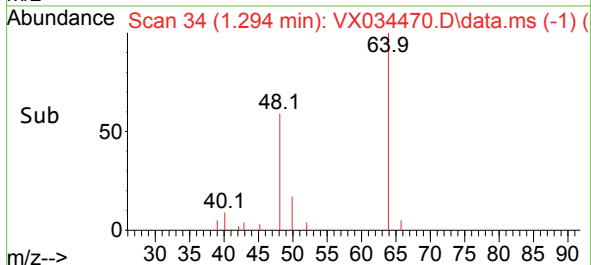
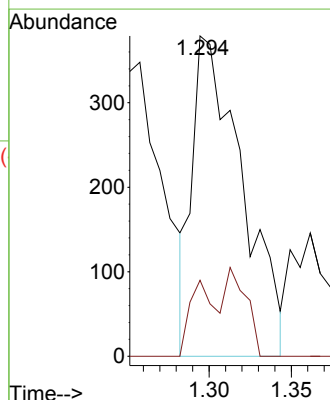
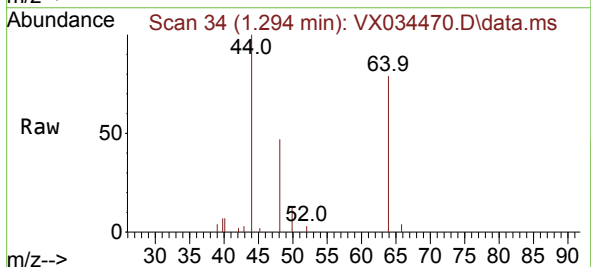
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031023

Tgt Ion:168 Resp: 243361
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

Tgt Ion: 50 Resp: 794
Ion Ratio Lower Upper
50 100
52 27.6 25.9 38.9

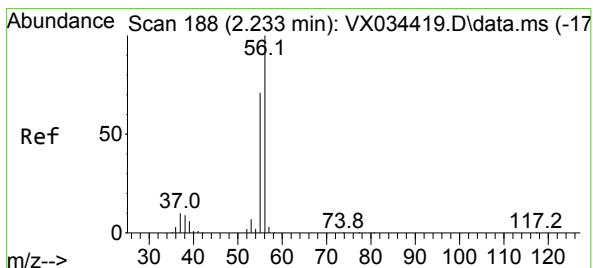
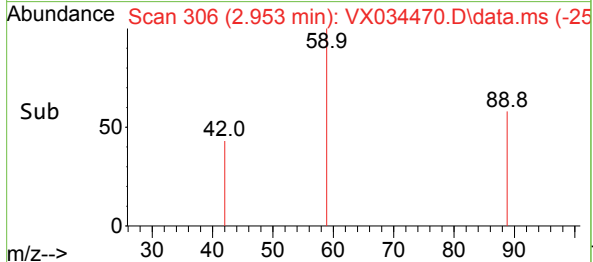
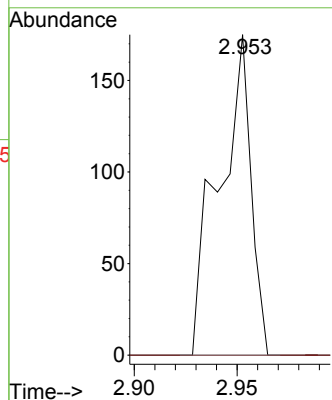
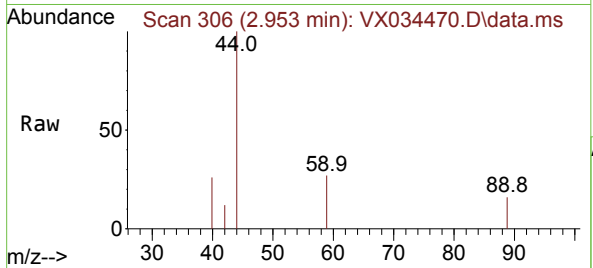




#11
Tert butyl alcohol
Concen: 0.256 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

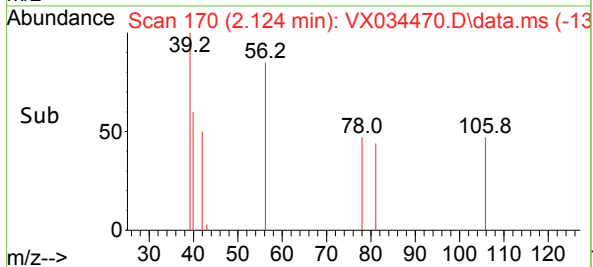
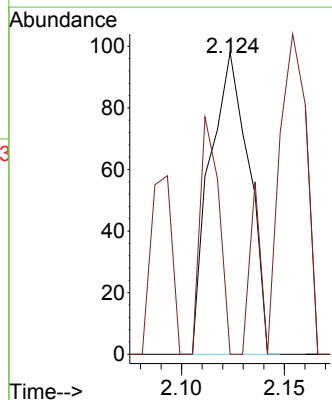
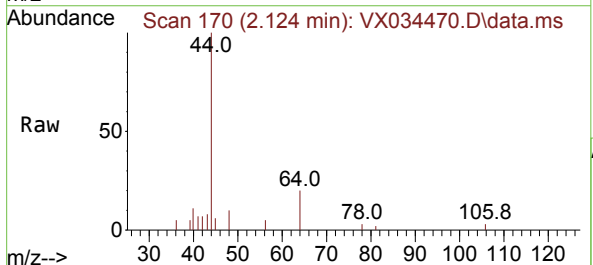
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031023

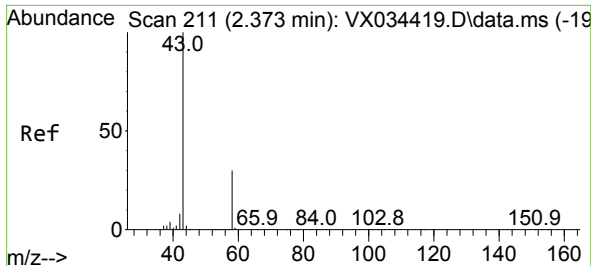
Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.221 ug/l
RT: 2.124 min Scan# 170
Delta R.T. -0.109 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 38.0 56.6 85.0#

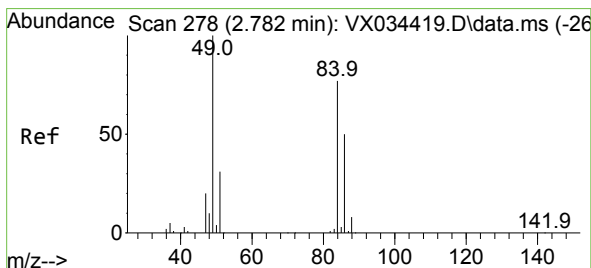
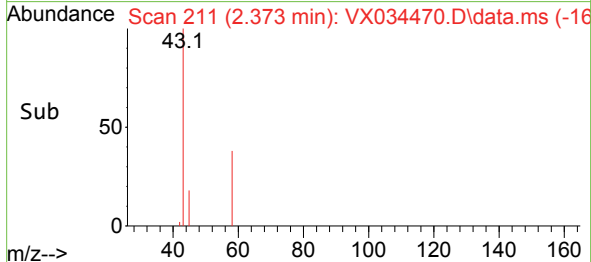
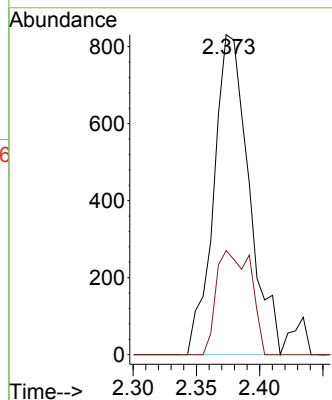
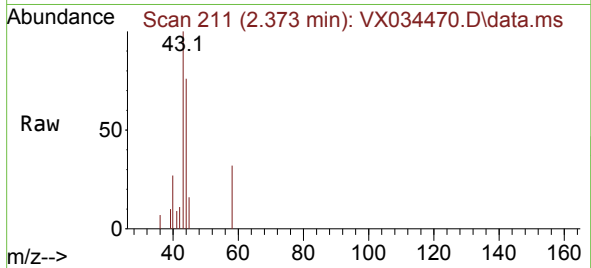




#16
Acetone
Concen: 0.964 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

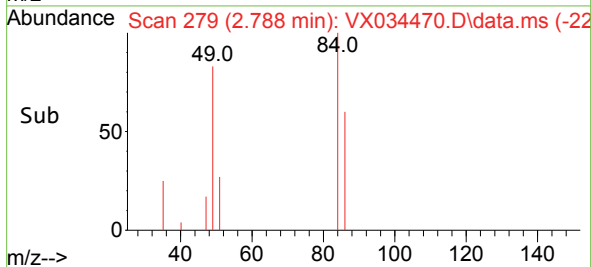
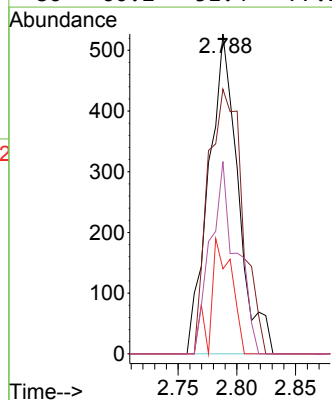
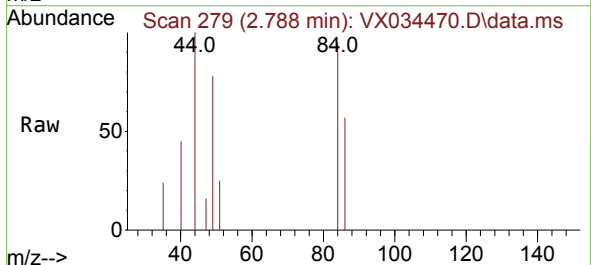
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031023

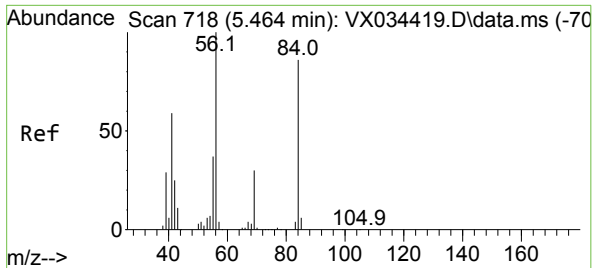
Tgt Ion: 43 Resp: 1607
Ion Ratio Lower Upper
43 100
58 32.5 24.7 37.1



#20
Methylene Chloride
Concen: 0.284 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

Tgt Ion: 84 Resp: 920
Ion Ratio Lower Upper
84 100
49 82.7 103.8 155.8#
51 26.6 31.8 47.8#
86 60.2 51.4 77.2

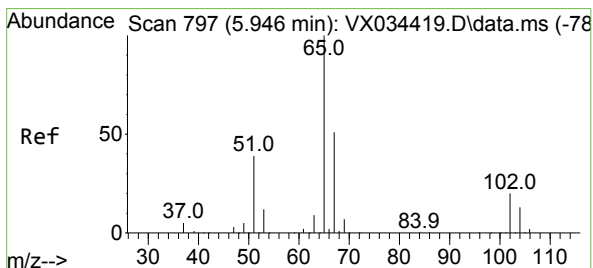
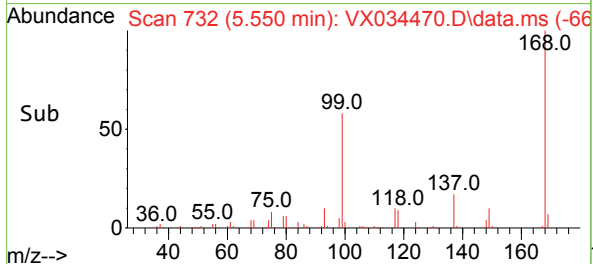
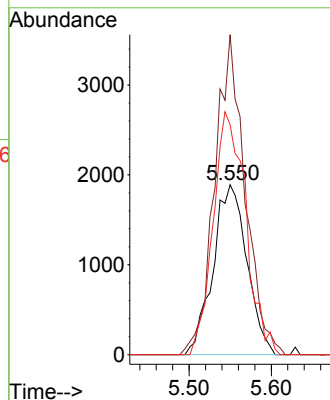
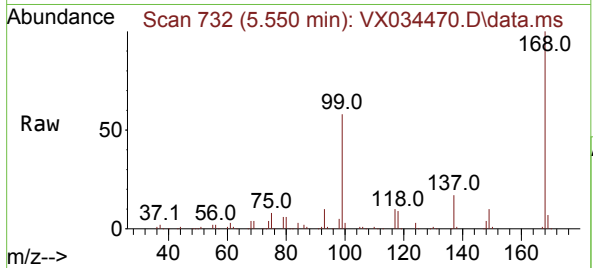




#31
Cyclohexane
Concen: 1.091 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

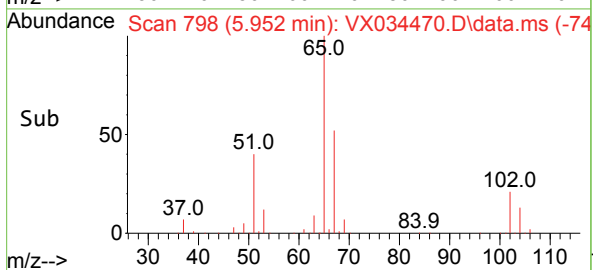
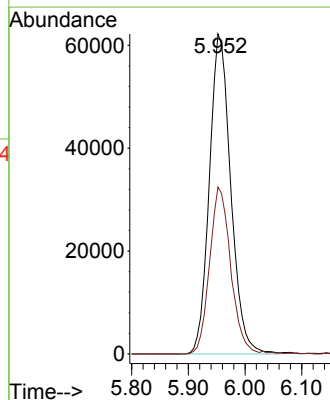
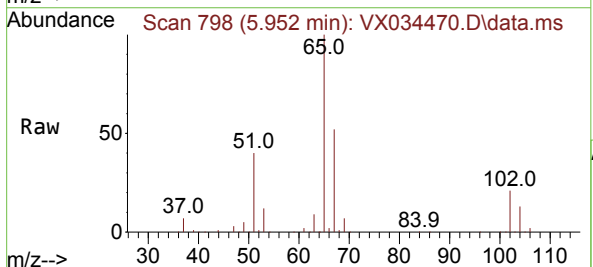
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031023

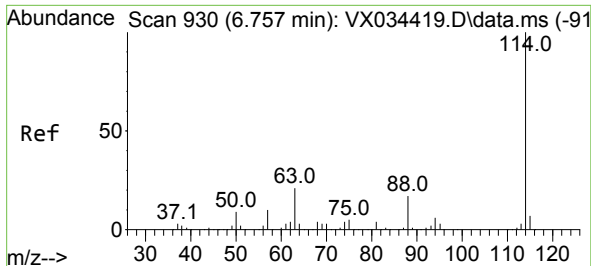
Tgt Ion: 56 Resp: 5416
Ion Ratio Lower Upper
56 100
69 188.4 23.7 35.5#
84 135.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.127 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

Tgt Ion: 65 Resp: 163309
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

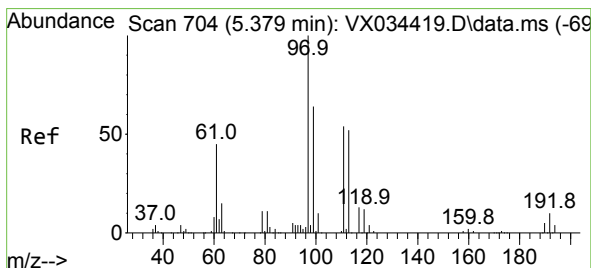
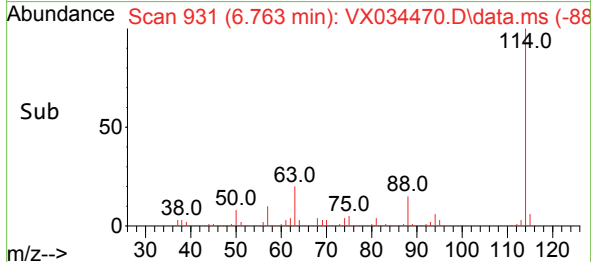
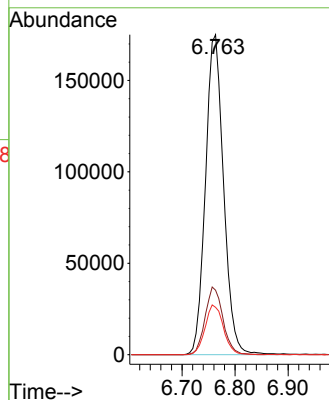
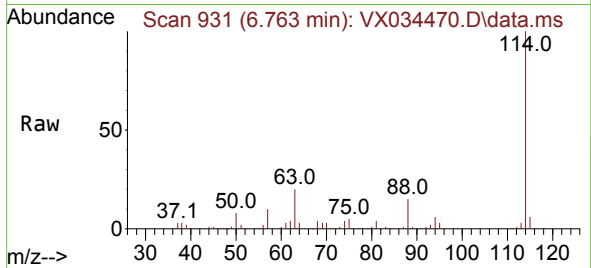




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

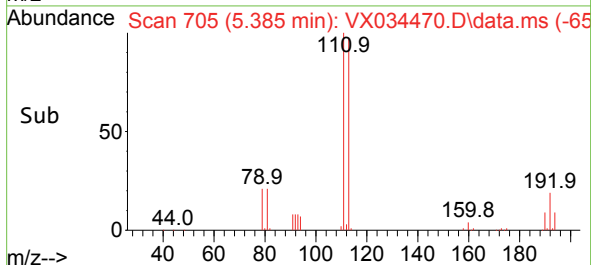
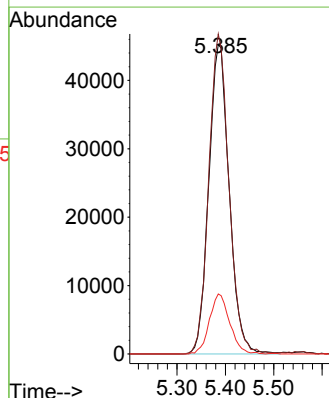
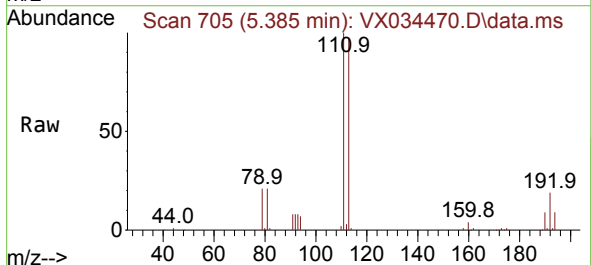
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031023

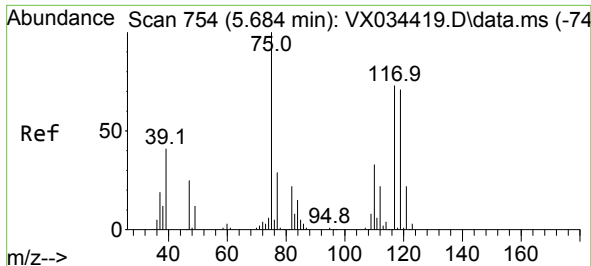
Tgt Ion:114 Resp: 414839
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.2
88 14.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.492 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

Tgt Ion:113 Resp: 132818
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 19.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.652 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX034470.D

Acq: 14 Mar 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

TB-01-031023

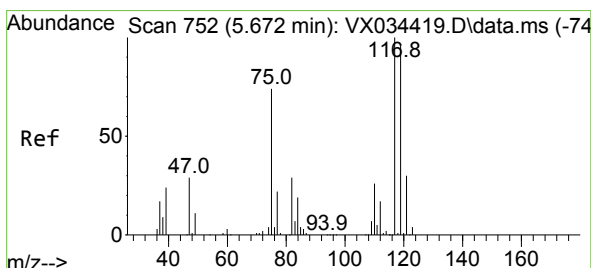
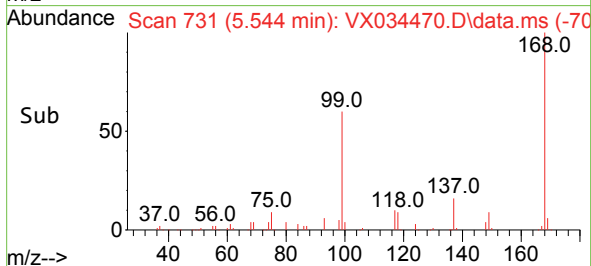
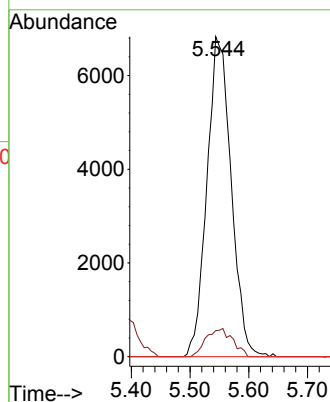
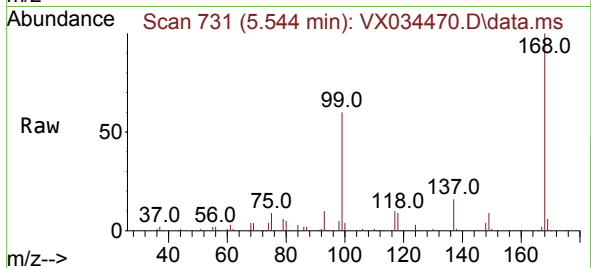
Tgt Ion: 75 Resp: 19571

Ion Ratio Lower Upper

75 100

110 9.7 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.957 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034470.D

Acq: 14 Mar 2023 17:17

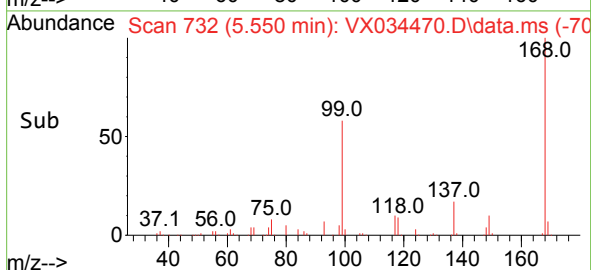
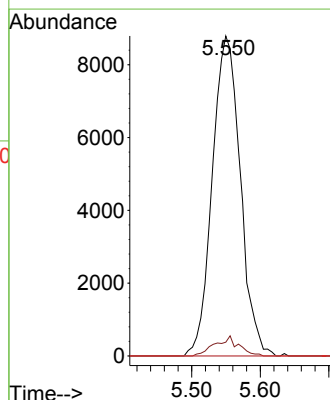
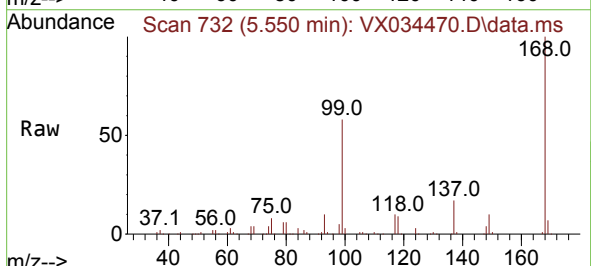
Tgt Ion: 117 Resp: 24930

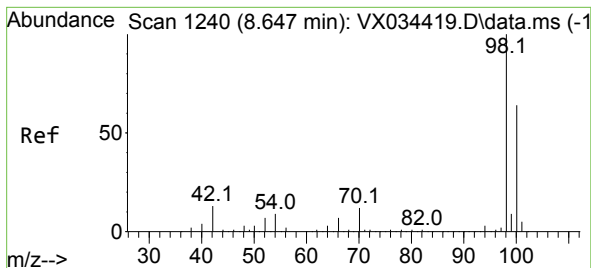
Ion Ratio Lower Upper

117 100

119 4.3 76.6 114.8#

121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 49.347 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034470.D

Acq: 14 Mar 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

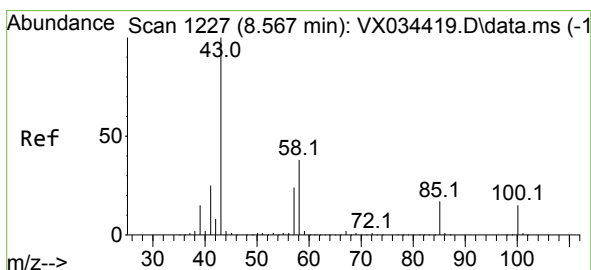
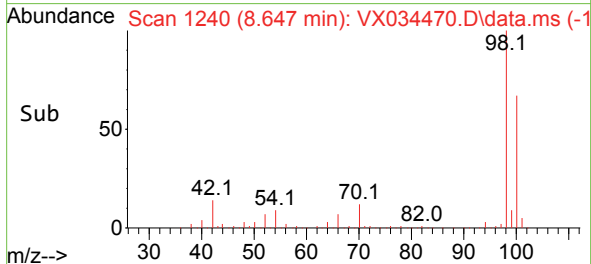
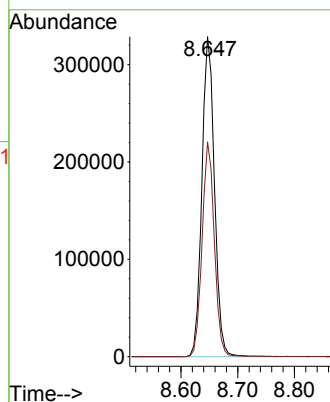
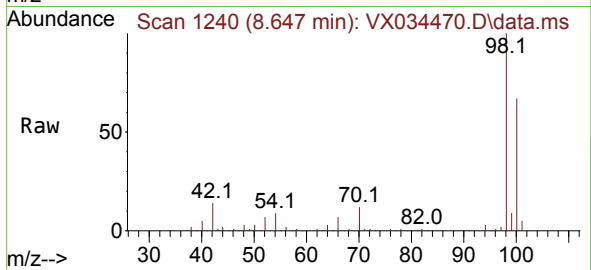
TB-01-031023

Tgt Ion: 98 Resp: 504560

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.599 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034470.D

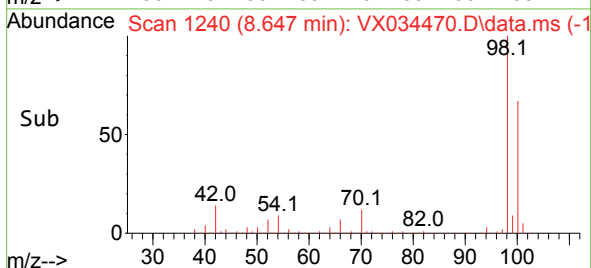
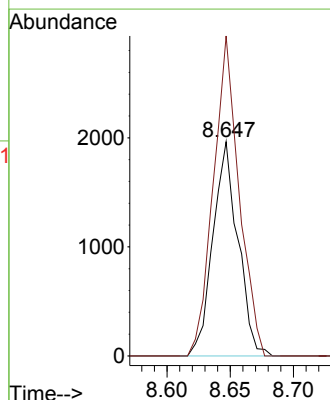
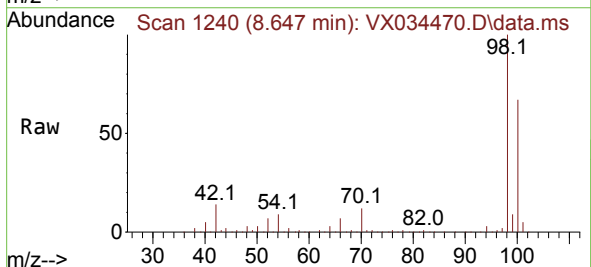
Acq: 14 Mar 2023 17:17

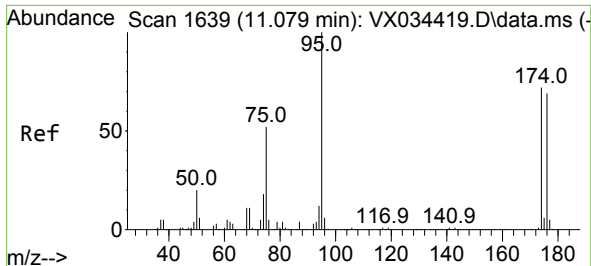
Tgt Ion: 43 Resp: 2705

Ion Ratio Lower Upper

43 100

58 153.3 30.6 46.0#

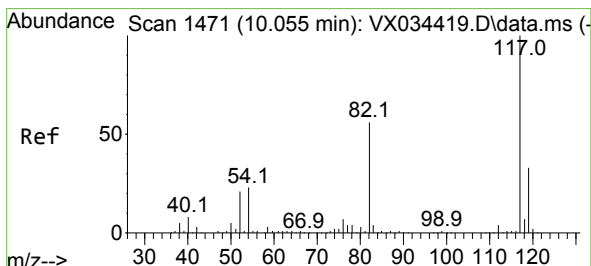
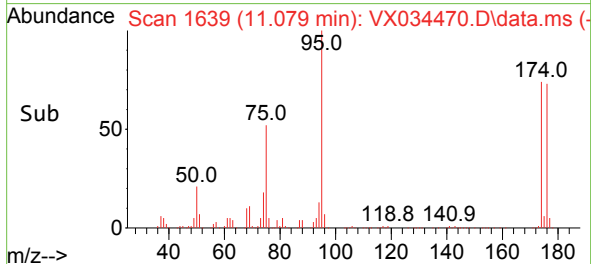
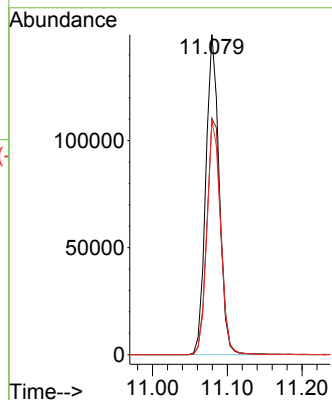
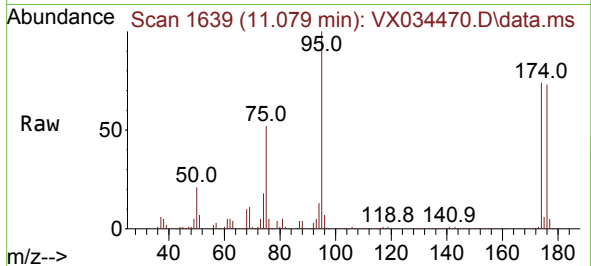




#62
4-Bromofluorobenzene
Concen: 44.746 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

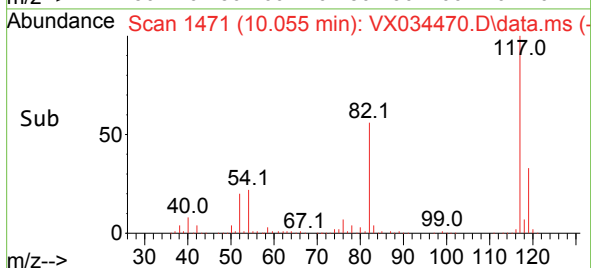
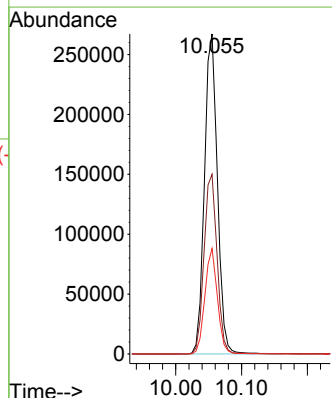
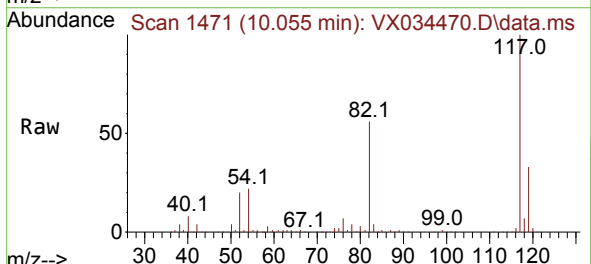
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031023

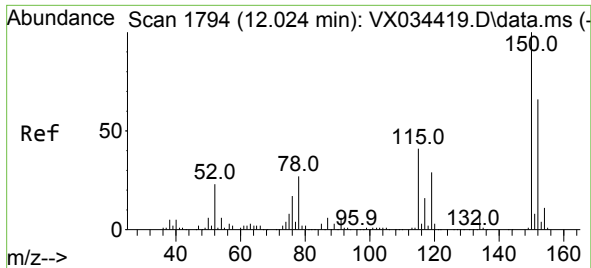
Tgt Ion: 95 Resp: 184800
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.4
176 74.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

Tgt Ion: 117 Resp: 366132
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 33.0 26.0 39.0

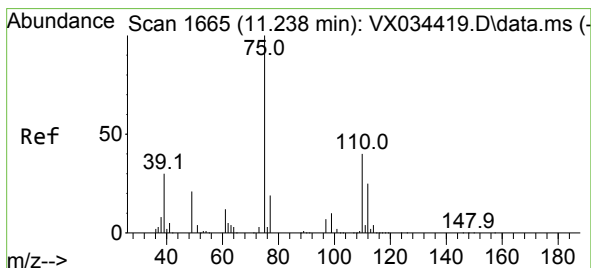
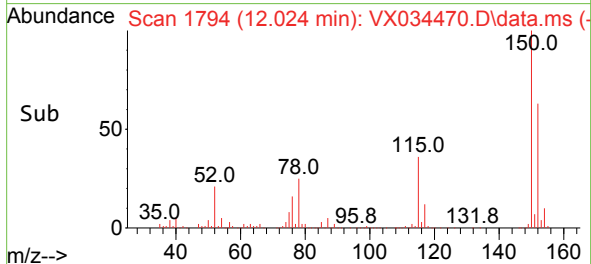
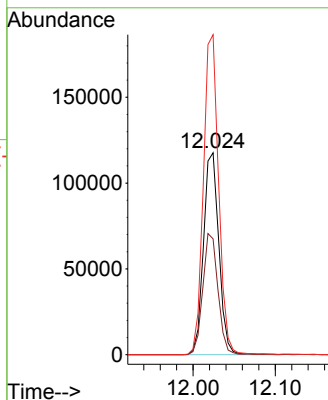
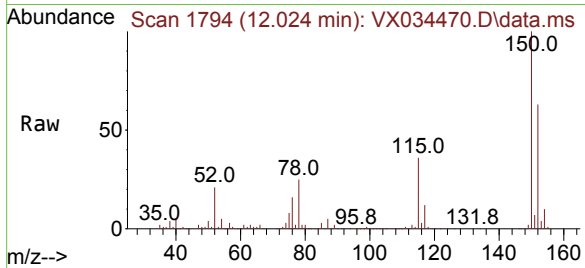




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034470.D
 Acq: 14 Mar 2023 17:17

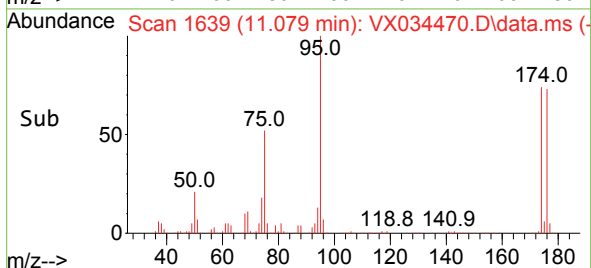
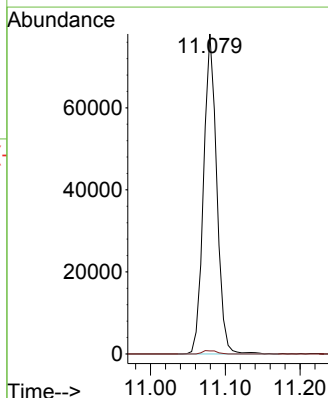
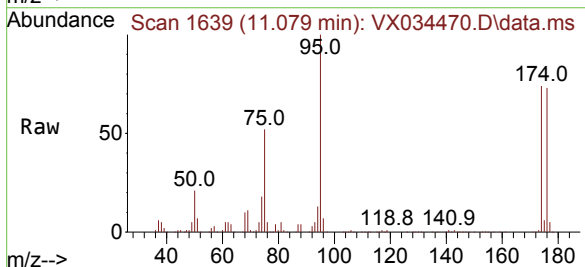
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-031023

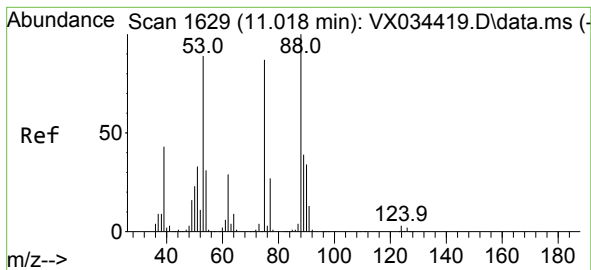
Tgt Ion:152 Resp: 152452
 Ion Ratio Lower Upper
 152 100
 115 59.2 45.0 135.0
 150 157.3 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.246 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034470.D
 Acq: 14 Mar 2023 17:17

Tgt Ion: 75 Resp: 95375
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.710 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034470.D
Acq: 14 Mar 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
TB-01-031023

Tgt Ion: 75 Resp: 95375
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

