

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034423.D
 Acq On : 13 Mar 2023 10:55
 Operator : JC/MD
 Sample : VX0313MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313MBL01

Quant Time: Mar 14 02:21:31 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)

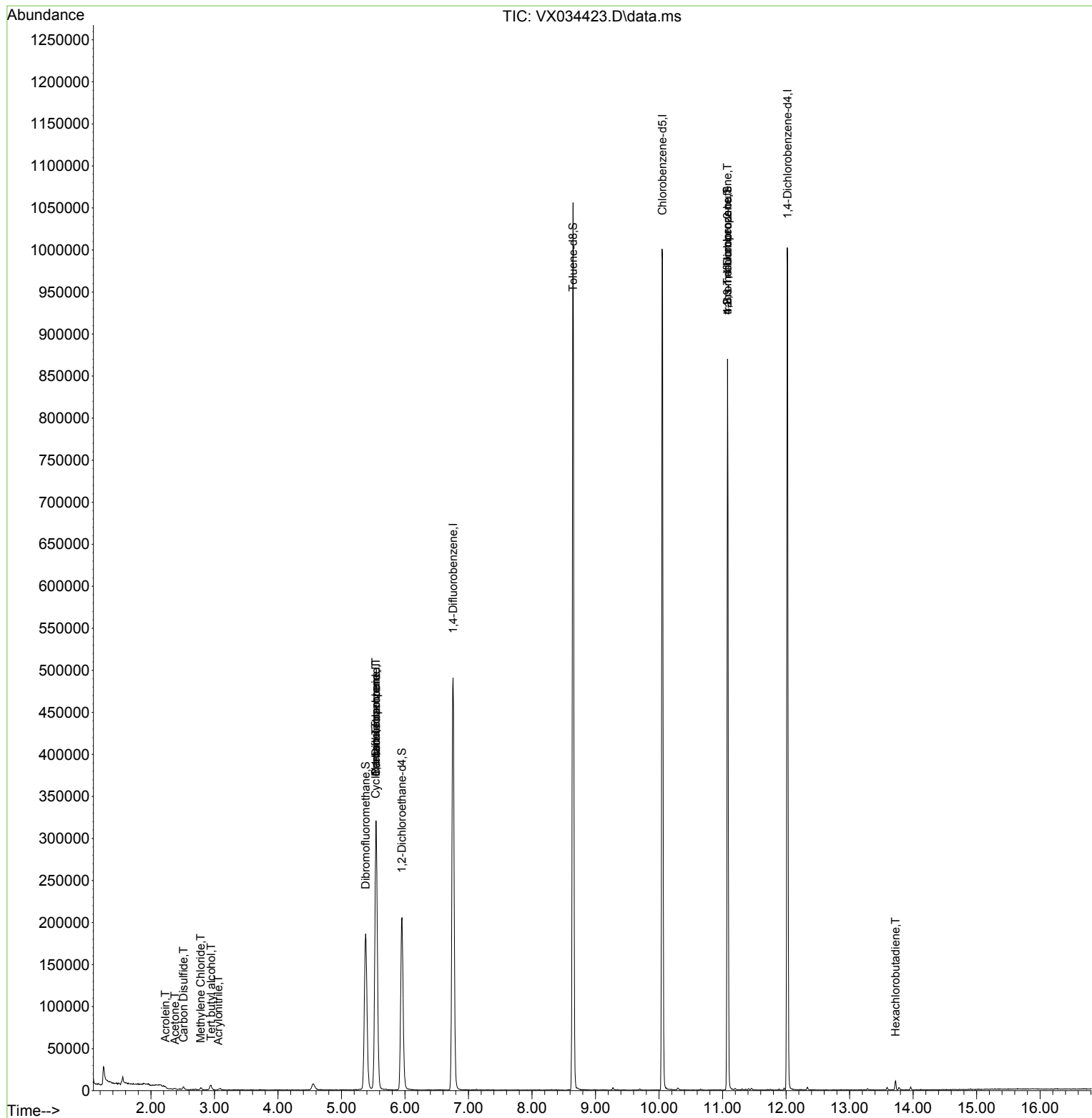
Internal Standards						
1) Pentafluorobenzene	5.544	168	301353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	508930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193130	44.053	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.100%		
35) Dibromofluoromethane	5.379	113	163527	48.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	611581	48.756	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	222426	43.899	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.800%		
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	845	Below Cal	#	65
11) Tert butyl alcohol	2.947	59	3501	3.835	ug/l #	76
13) Acrolein	2.227	56	616	0.853	ug/l	99
15) Acrylonitrile	3.062	53	945	0.479	ug/l #	70
16) Acetone	2.380	43	1565	0.758	ug/l #	80
17) Carbon Disulfide	2.514	76	3543	0.382	ug/l #	93
20) Methylene Chloride	2.782	84	1035	0.258	ug/l	94
31) Cyclohexane	5.538	56	6822	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	24778	4.801	ug/l #	50
38) Carbon Tetrachloride	5.544	117	30265	5.895	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	115418	23.872	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	115418	64.580	ug/l #	8
94) Hexachlorobutadiene	13.725	225	1484	0.797	ug/l	93

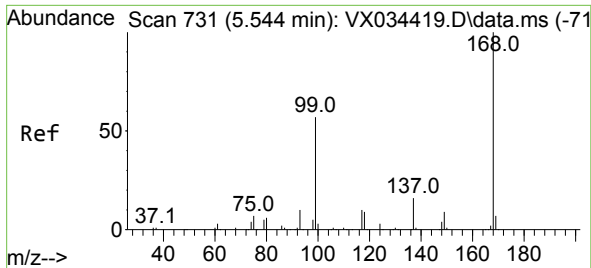
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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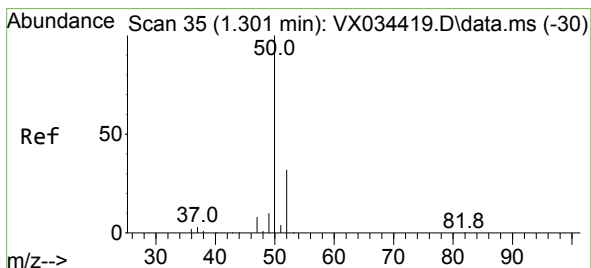
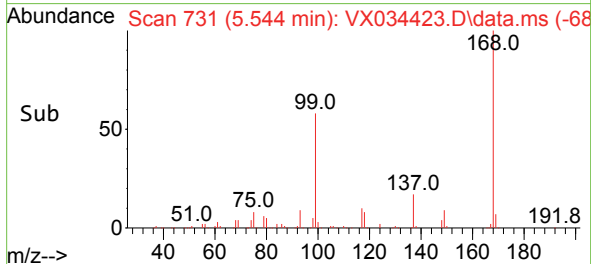
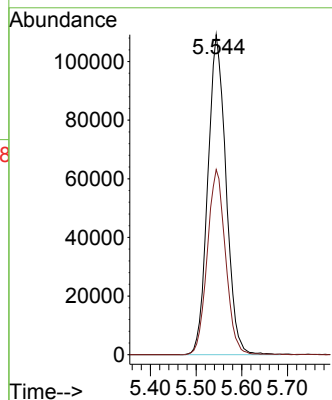
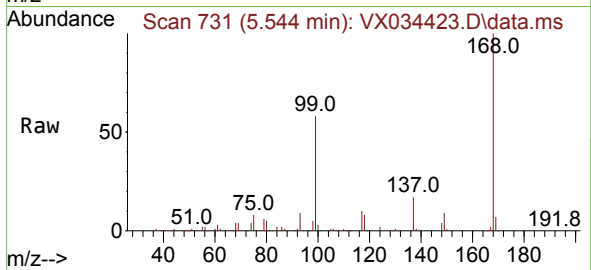




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

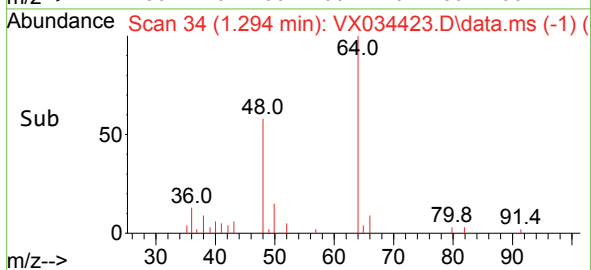
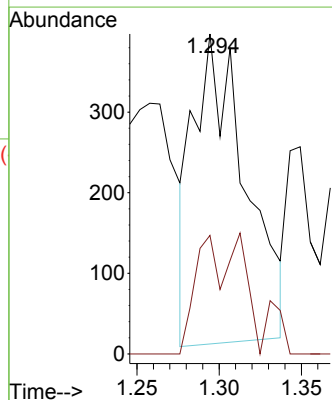
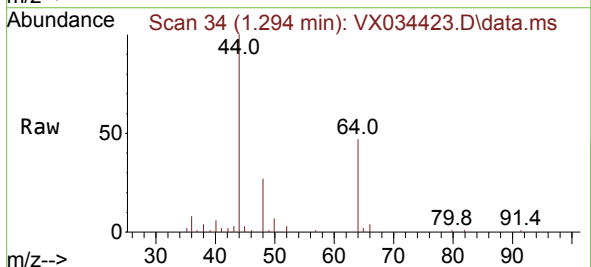
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

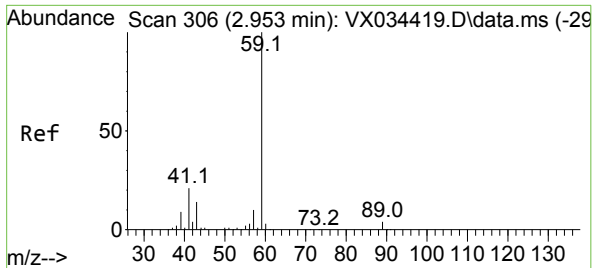
Tgt Ion:168 Resp: 301353
Ion Ratio Lower Upper
168 100
99 57.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

Tgt Ion: 50 Resp: 845
Ion Ratio Lower Upper
50 100
52 52.1 25.9 38.9#

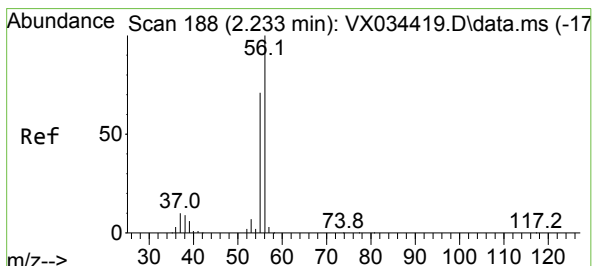
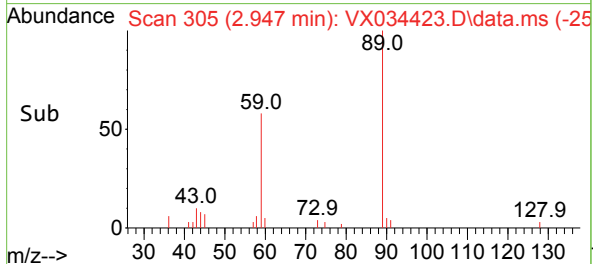
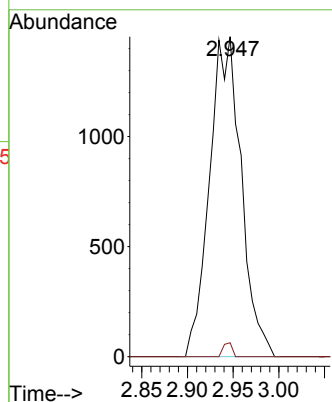
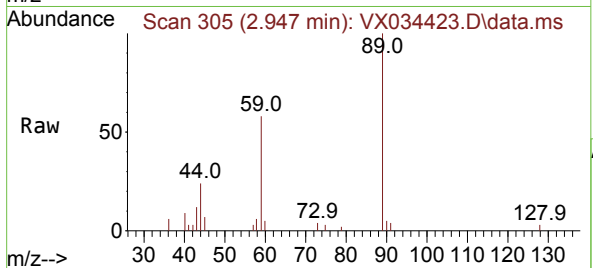




#11
Tert butyl alcohol
Concen: 3.835 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

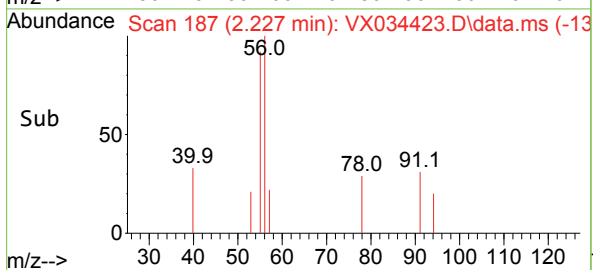
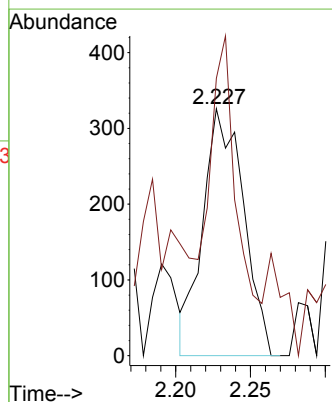
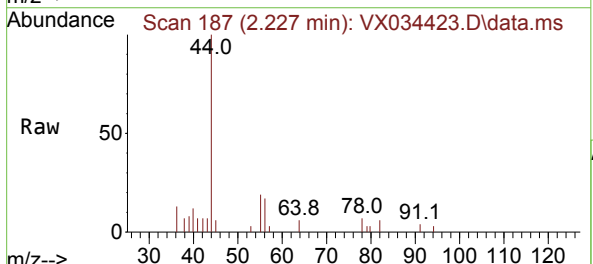
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

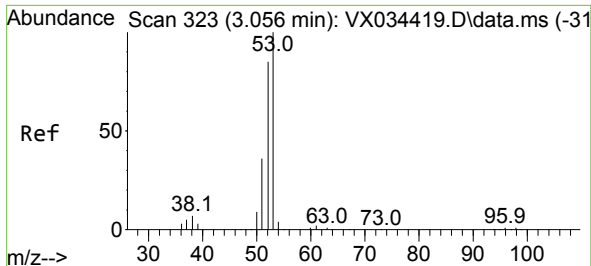
Tgt Ion: 59 Resp: 3501
Ion Ratio Lower Upper
59 100
57 1.3 8.1 12.1#



#13
Acrolein
Concen: 0.853 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

Tgt Ion: 56 Resp: 616
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

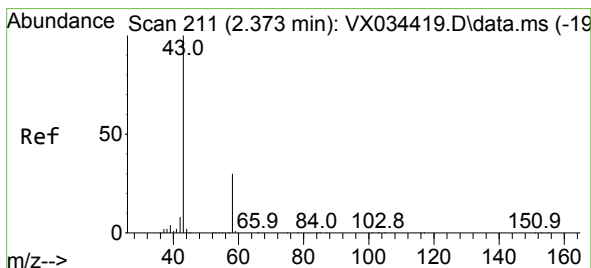
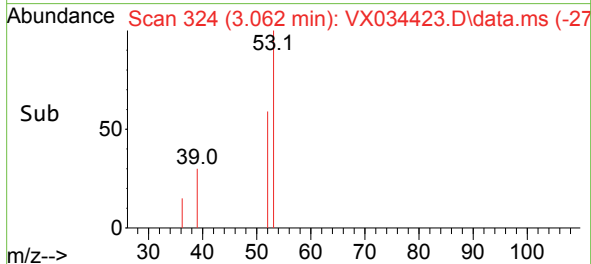
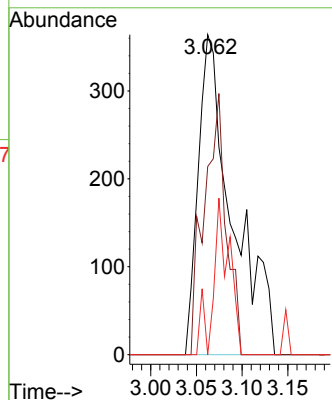
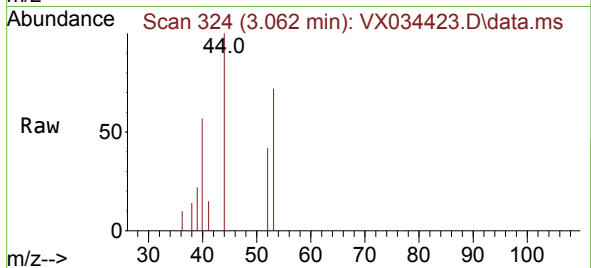




#15
Acrylonitrile
Concen: 0.479 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

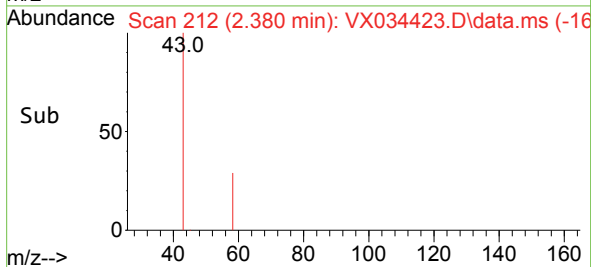
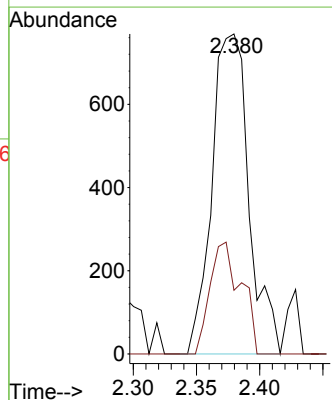
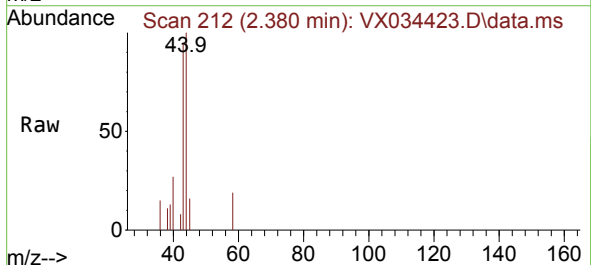
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

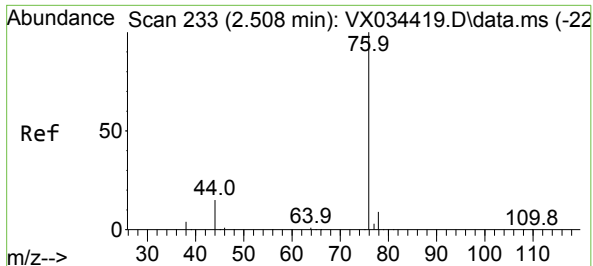
Tgt Ion: 53 Resp: 945
Ion Ratio Lower Upper
53 100
52 52.7 66.2 99.2#
51 23.4 28.3 42.5#



#16
Acetone
Concen: 0.758 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 19.9 24.7 37.1#

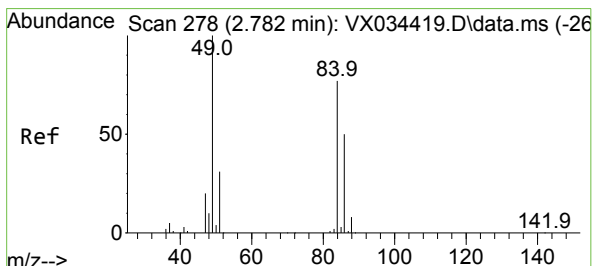
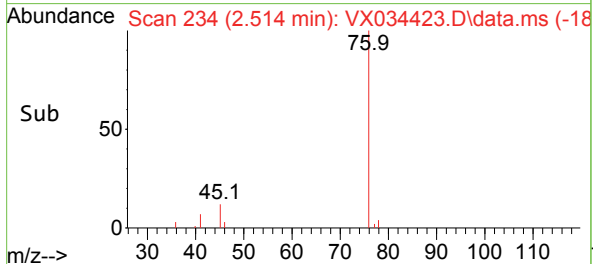
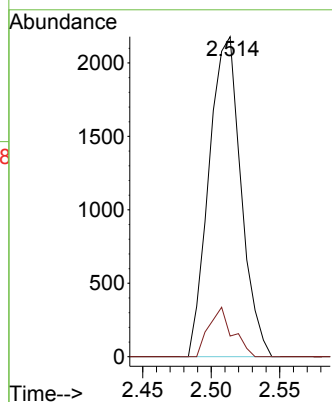
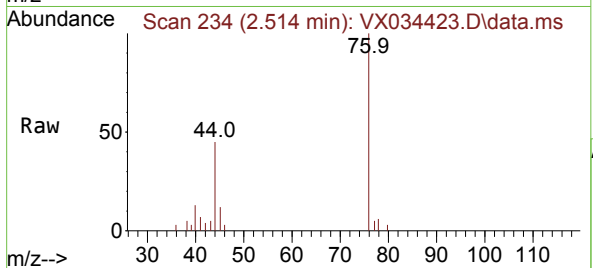




#17
Carbon Disulfide
Concen: 0.382 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

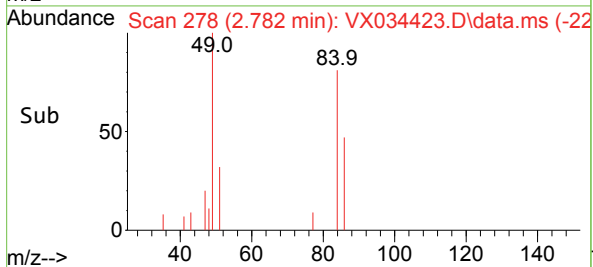
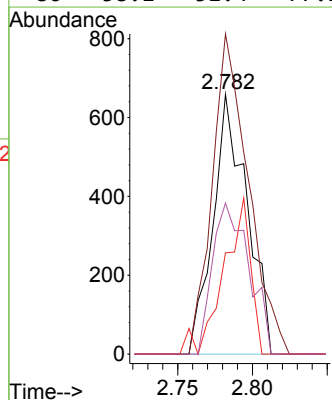
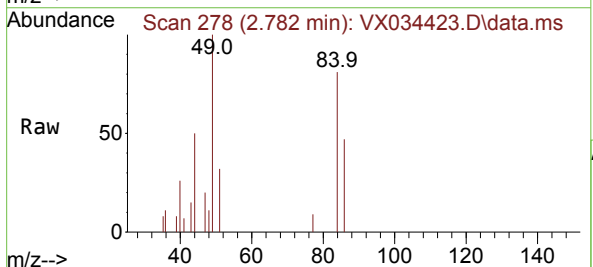
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

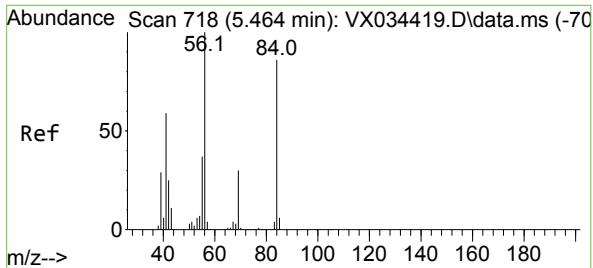
Tgt Ion: 76 Resp: 3543
Ion Ratio Lower Upper
76 100
78 6.5 7.2 10.8#



#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

Tgt Ion: 84 Resp: 1035
Ion Ratio Lower Upper
84 100
49 123.2 103.8 155.8
51 39.0 31.8 47.8
86 58.1 51.4 77.2

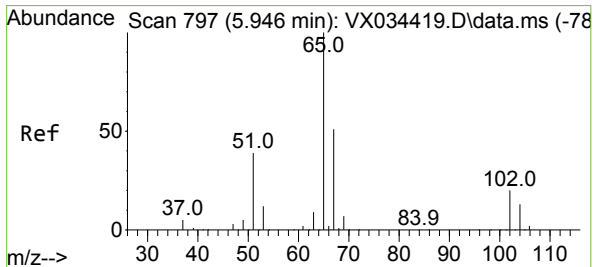
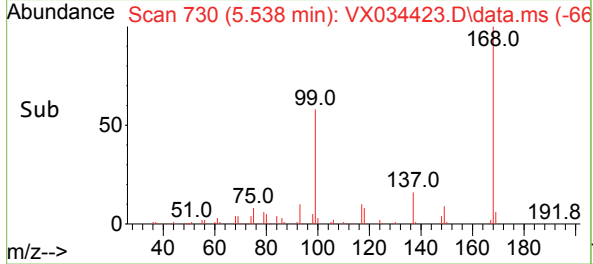
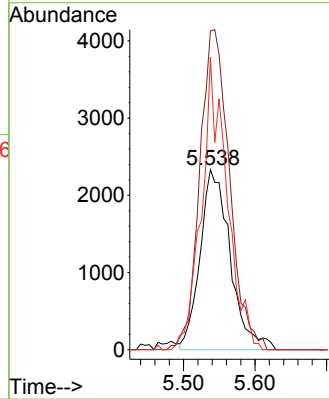
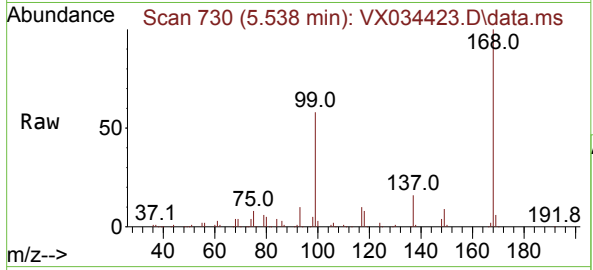




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

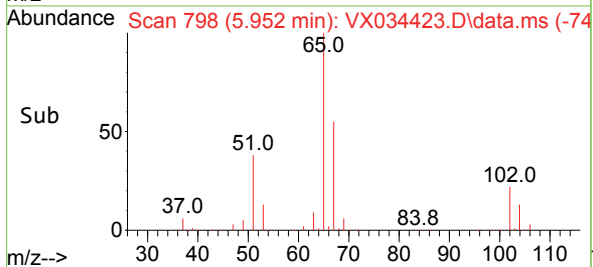
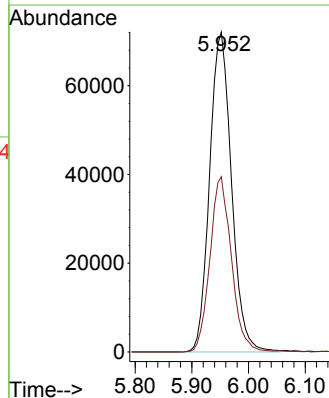
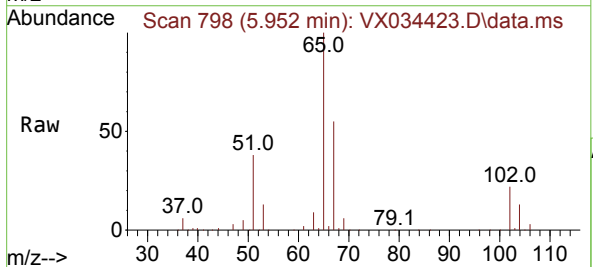
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

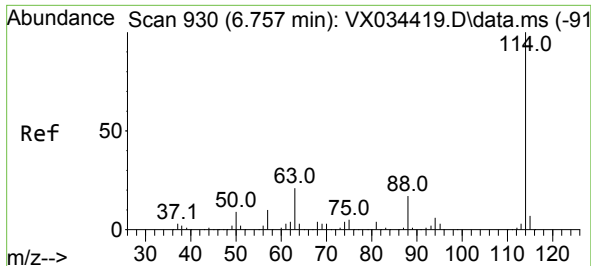
Tgt Ion: 56 Resp: 6822
Ion Ratio Lower Upper
56 100
69 177.0 23.7 35.5#
84 162.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 44.053 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

Tgt Ion: 65 Resp: 193130
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.0

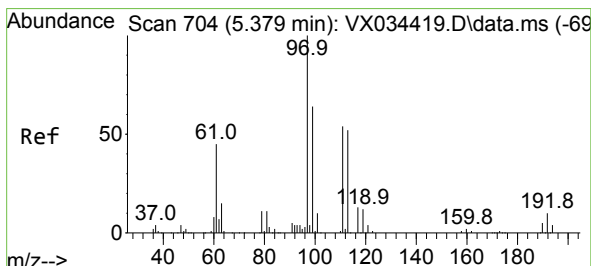
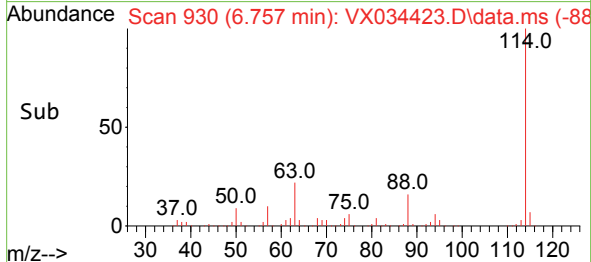
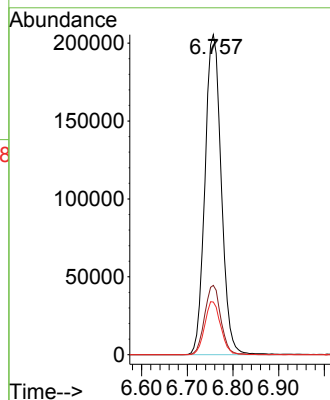
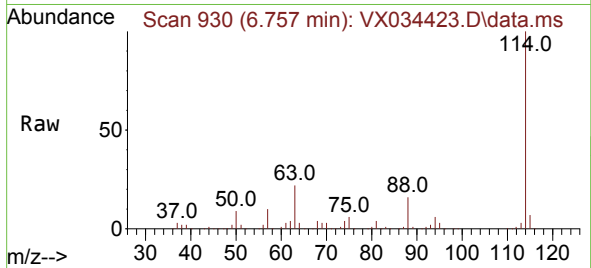




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

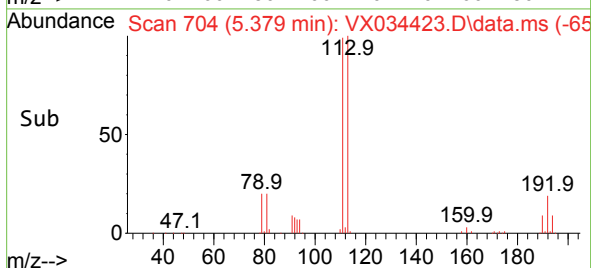
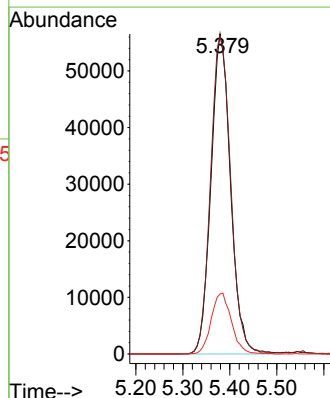
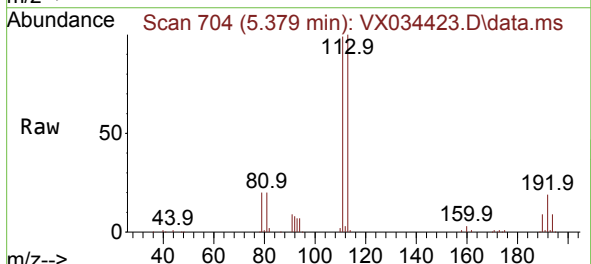
Instrument :
MSVOA_X
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VX0313MBL01

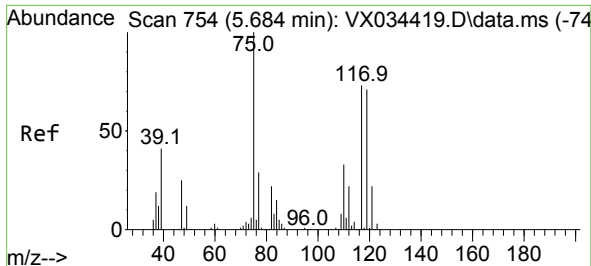
Tgt Ion:114 Resp: 508930
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.666 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

Tgt Ion:113 Resp: 163527
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 19.7 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.801 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX034423.D

Acq: 13 Mar 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX0313MBL01

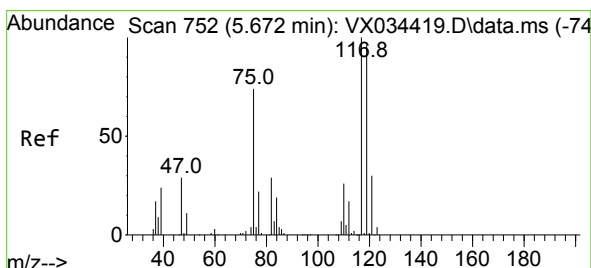
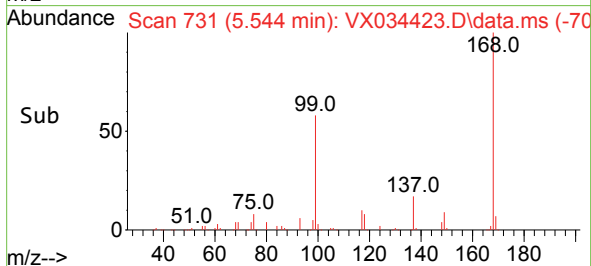
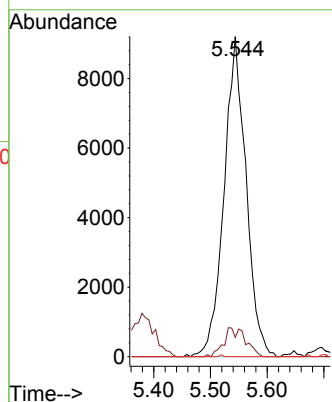
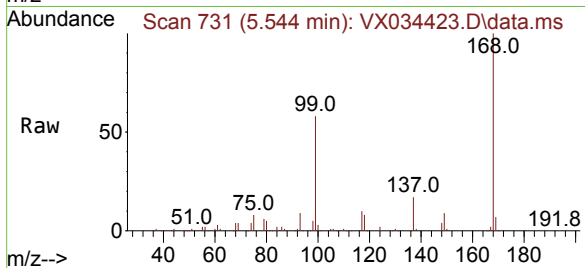
Tgt Ion: 75 Resp: 24778

Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.895 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX034423.D

Acq: 13 Mar 2023 10:55

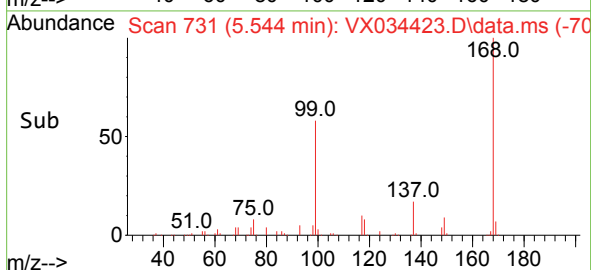
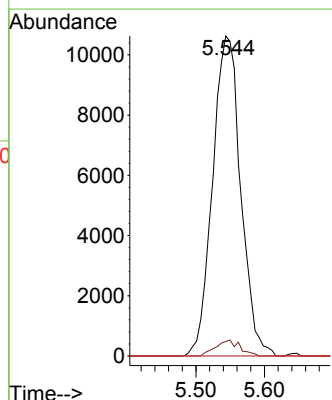
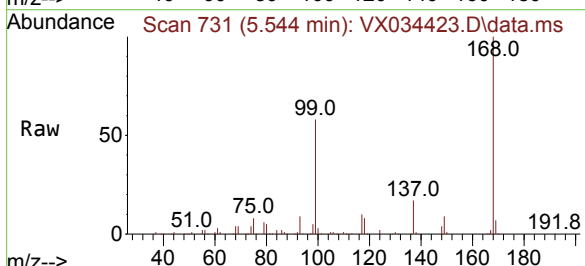
Tgt Ion: 117 Resp: 30265

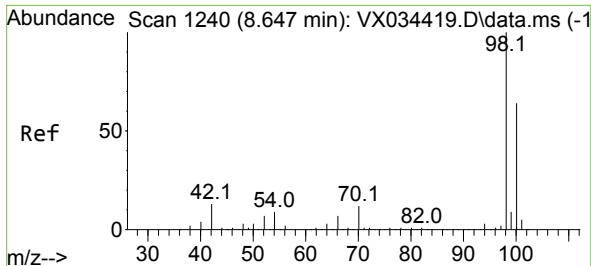
Ion Ratio Lower Upper

117 100

119 4.5 76.6 114.8#

121 0.0 23.8 35.6#

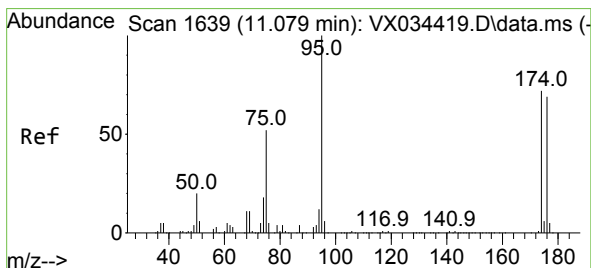
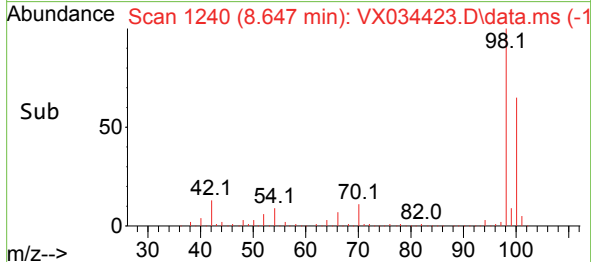
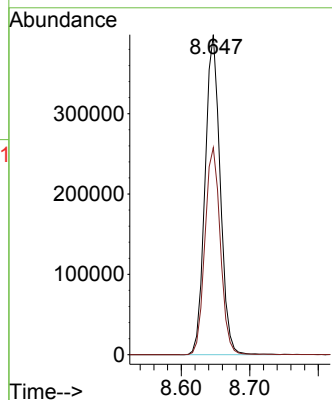
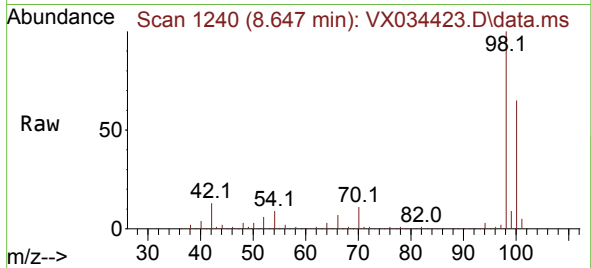




#50
Toluene-d8
Concen: 48.756 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

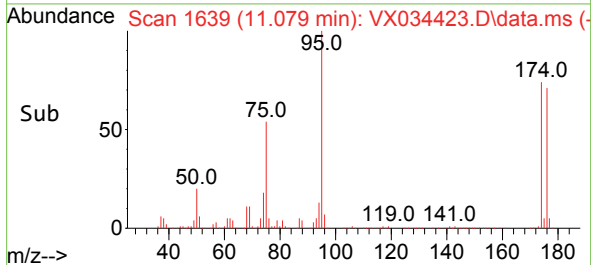
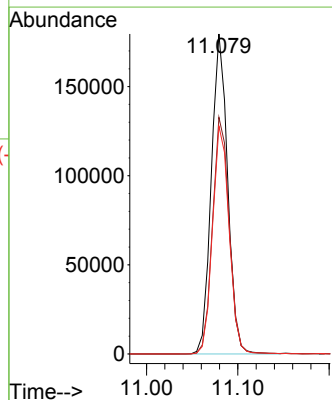
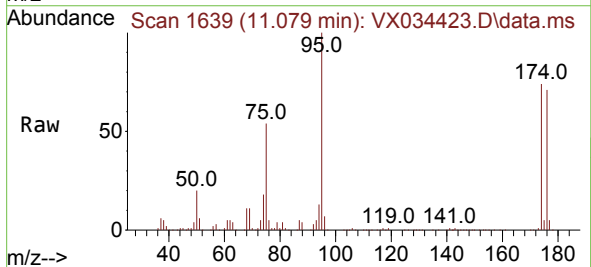
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

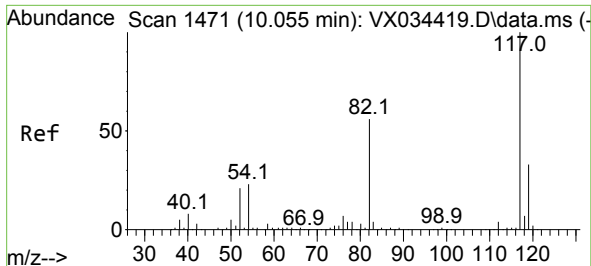
Tgt Ion: 98 Resp: 611581
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.899 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

Tgt Ion: 95 Resp: 222426
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.4
176 72.4 0.0 140.6

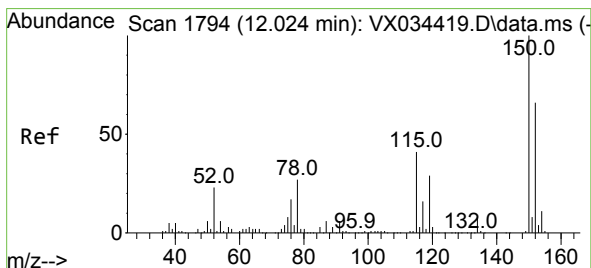
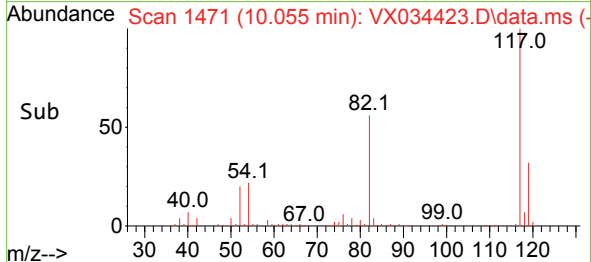
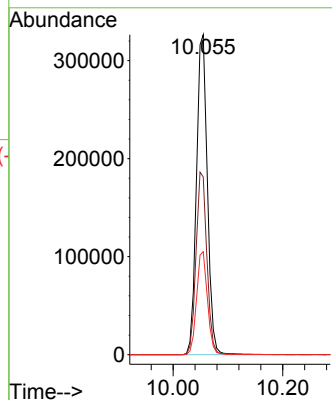
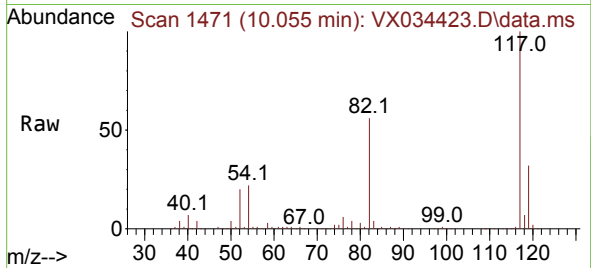




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

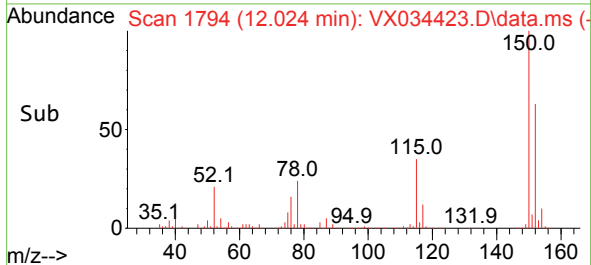
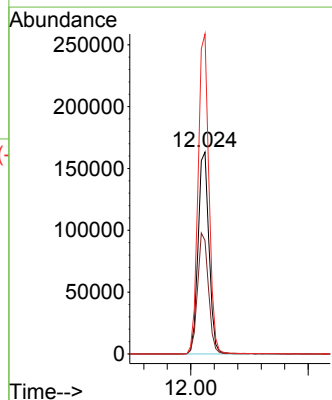
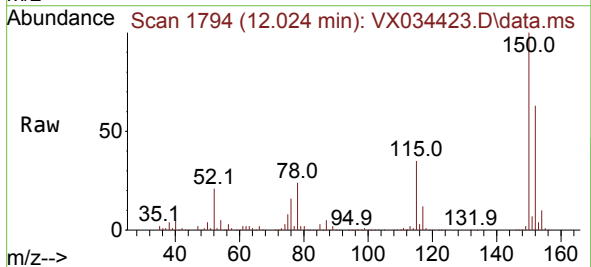
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

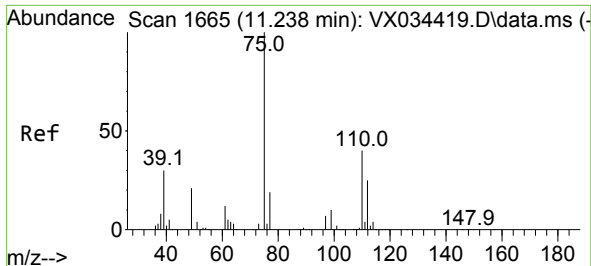
Tgt Ion:117 Resp: 454295
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

Tgt Ion:152 Resp: 210569
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 157.0 0.0 352.4

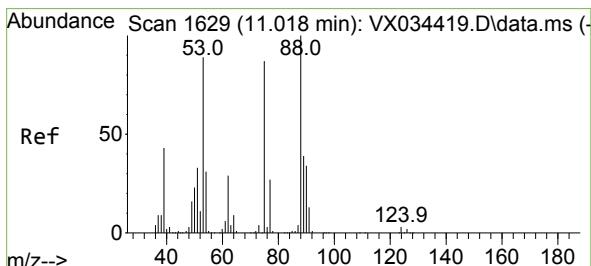
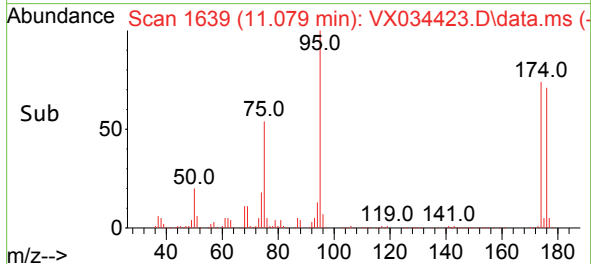
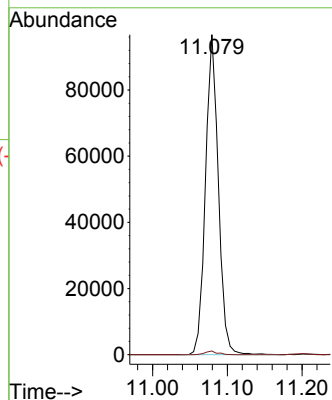
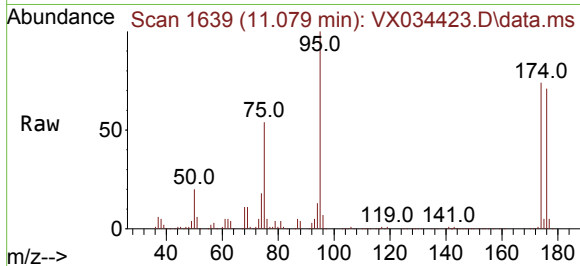




#76
1,2,3-Trichloropropane
Concen: 23.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

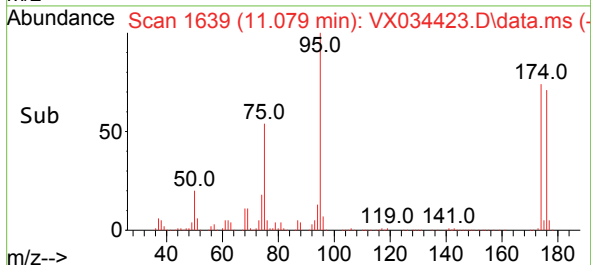
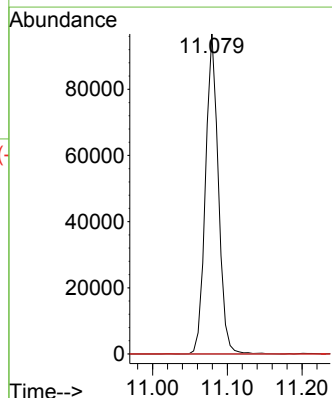
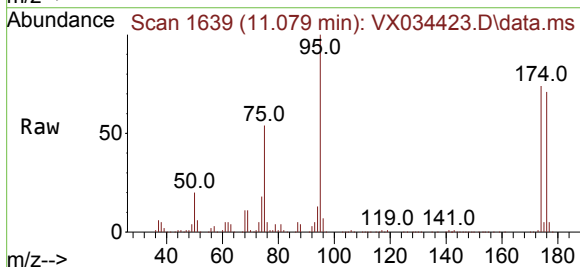
Instrument :
MSVOA_X
ClientSampleId :
VX0313MBL01

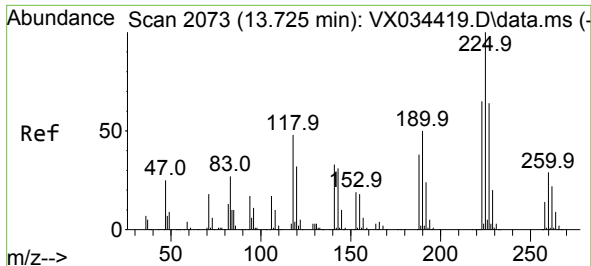
Tgt Ion: 75 Resp: 115418
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034423.D
Acq: 13 Mar 2023 10:55

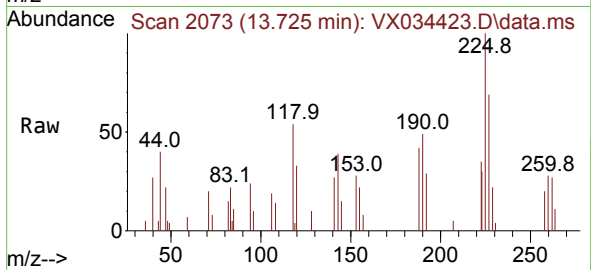
Tgt Ion: 75 Resp: 115418
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.797 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX034423.D
 Acq: 13 Mar 2023 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313MBL01



Tgt Ion:	225	Resp:	1484
Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.1	96.5
227	71.4	31.8	95.4

