

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032123\
 Data File : VX034655.D
 Acq On : 21 Mar 2023 15:27
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 22 02:05:52 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)

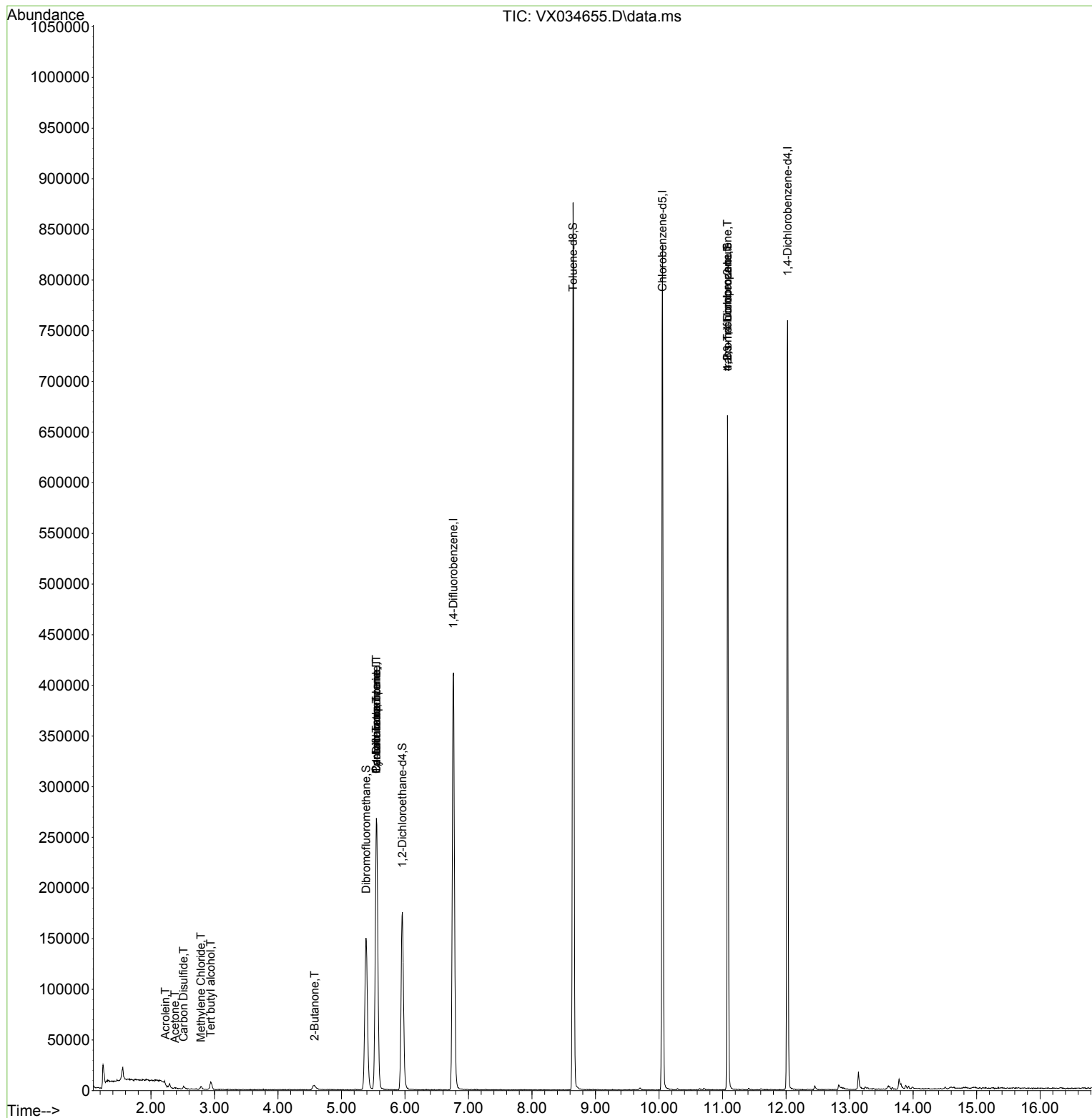
Internal Standards						
1) Pentafluorobenzene	5.550	168	250844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	419613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165629	45.387	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.780%
35) Dibromofluoromethane	5.385	113	131225	47.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.647	98	502654	48.601	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	172256	41.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.460%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1069	Below Cal		99
11) Tert butyl alcohol	2.940	59	4332	5.700	ug/l #	82
13) Acrolein	2.227	56	254	0.423	ug/l	93
16) Acetone	2.379	43	1032	0.600	ug/l	90
17) Carbon Disulfide	2.514	76	2408	0.312	ug/l	96
20) Methylene Chloride	2.788	84	1244	0.373	ug/l #	88
25) 2-Butanone	4.574	43	521	0.212	ug/l #	51
31) Cyclohexane	5.550	56	5950	1.163	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20865	4.903	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25627	6.054	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	91456	25.739	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91456	69.631	ug/l #	8

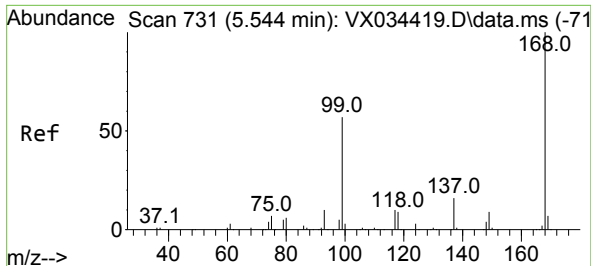
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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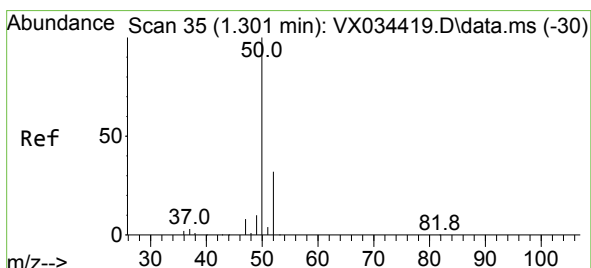
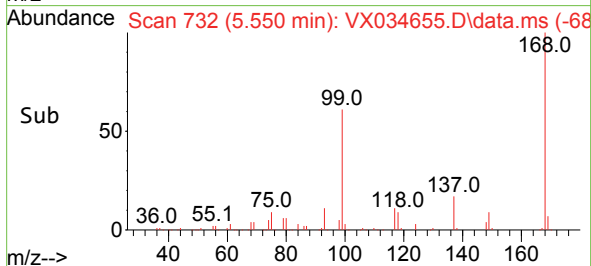
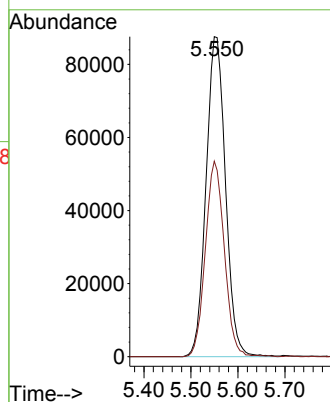
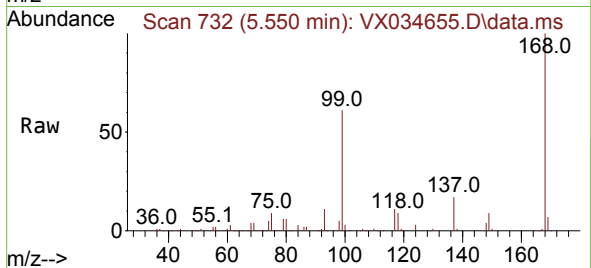




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

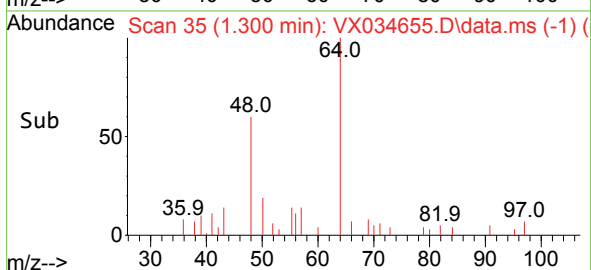
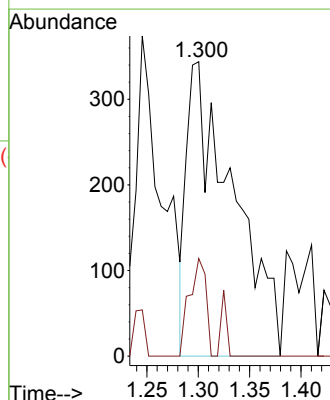
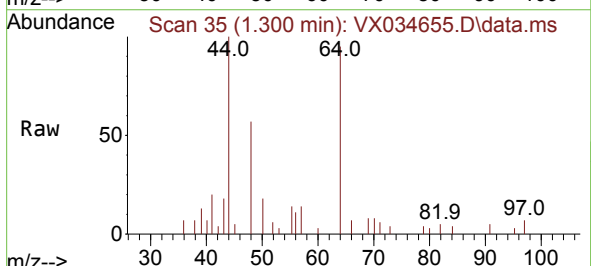
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

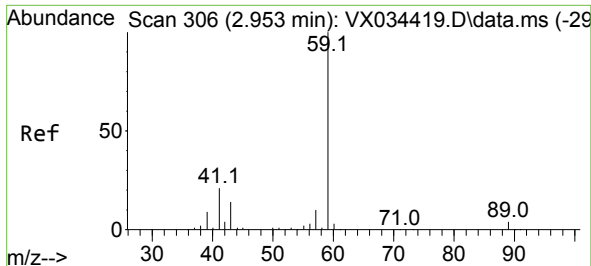
Tgt Ion:168 Resp: 250844
Ion Ratio Lower Upper
168 100
99 61.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion: 50 Resp: 1069
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9

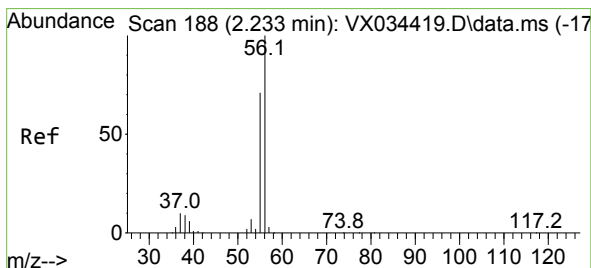
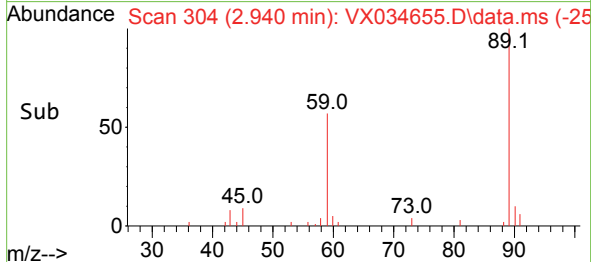
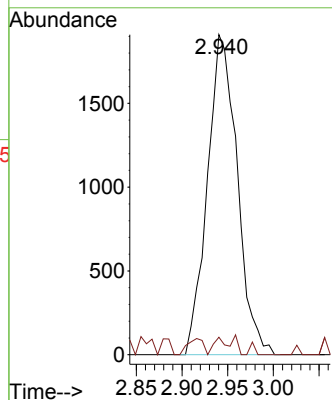
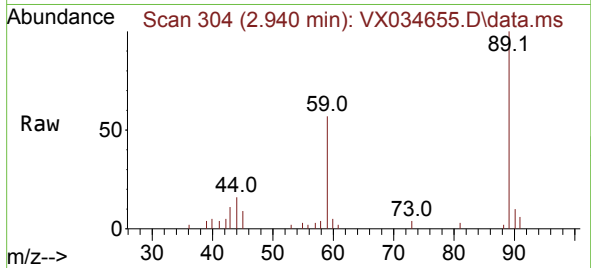




#11
Tert butyl alcohol
Concen: 5.700 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

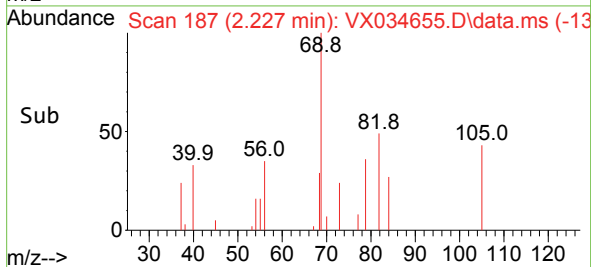
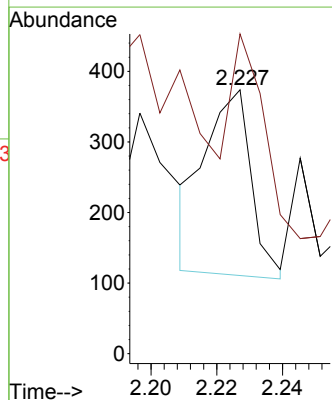
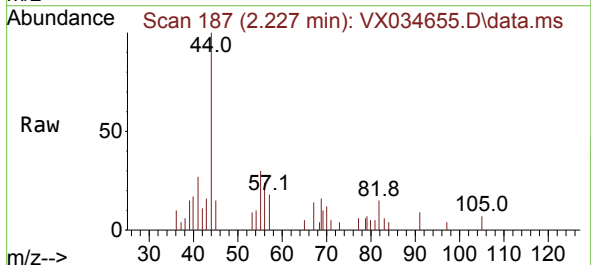
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

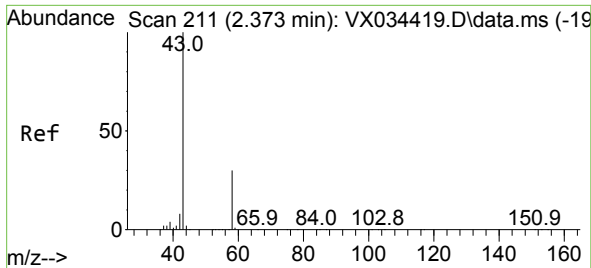
Tgt Ion: 59 Resp: 4332
Ion Ratio Lower Upper
59 100
57 3.3 8.1 12.1#



#13
Acrolein
Concen: 0.423 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion: 56 Resp: 254
Ion Ratio Lower Upper
56 100
55 76.4 56.6 85.0

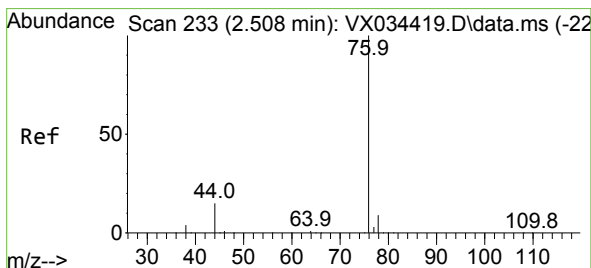
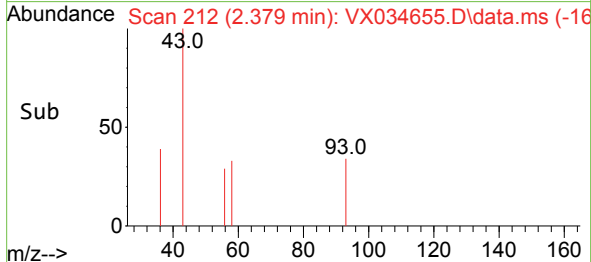
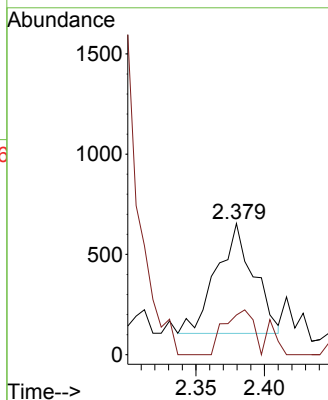
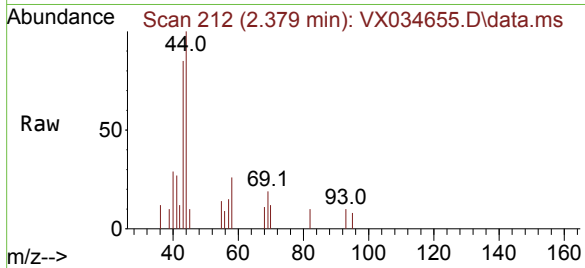




#16
Acetone
Concen: 0.600 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

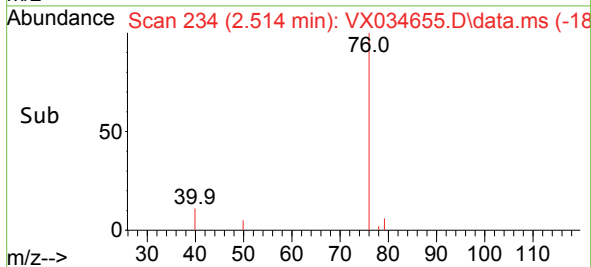
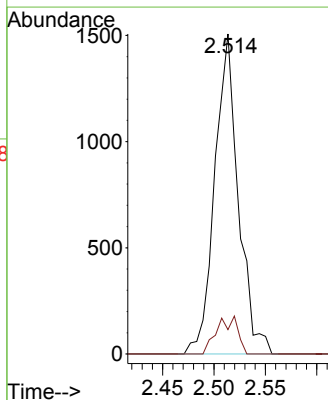
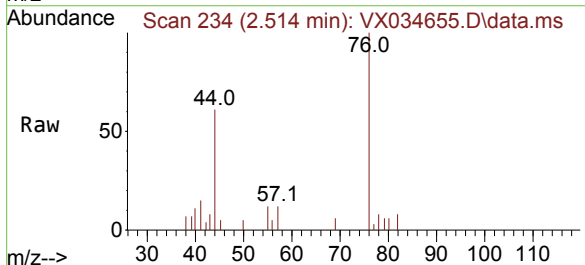
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

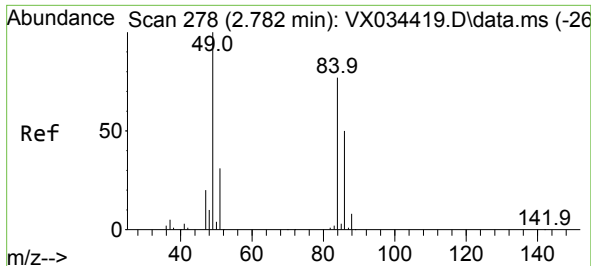
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 36.1 24.7 37.1



#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion: 76 Resp: 2408
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8

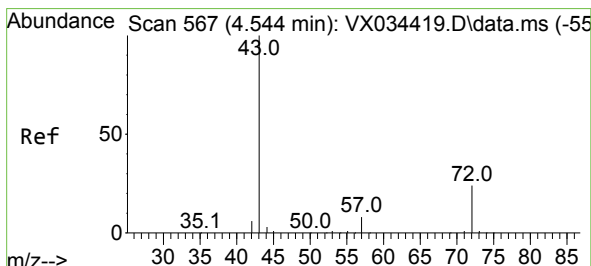
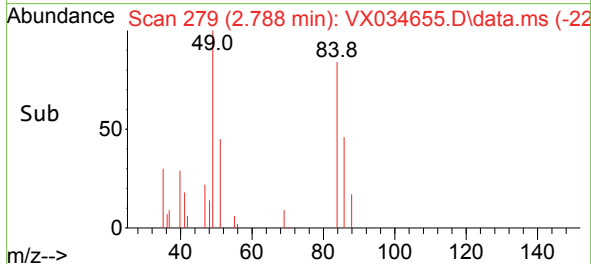
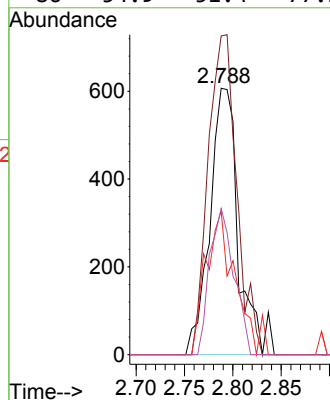
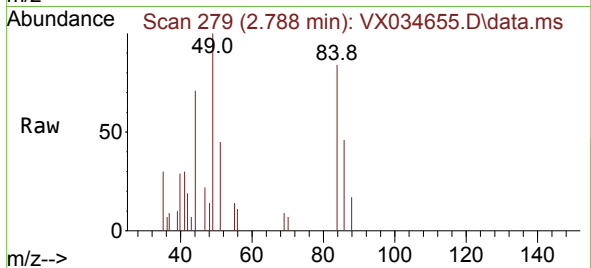




#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

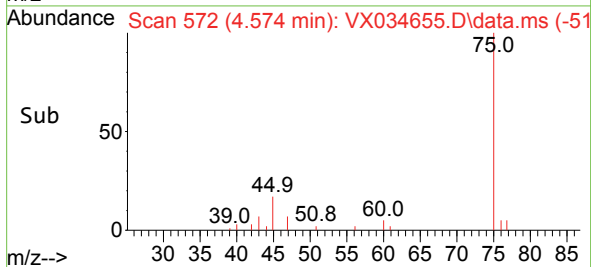
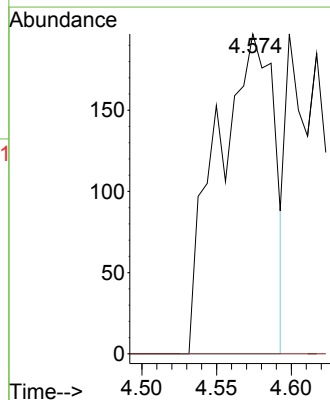
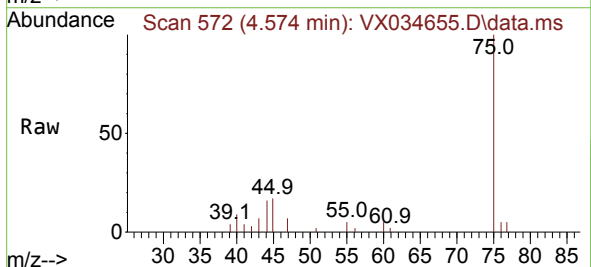
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

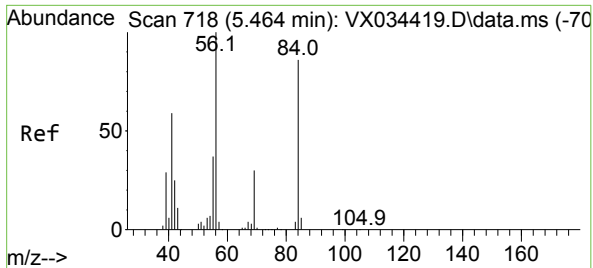
Tgt Ion:	84	Resp:	1244
Ion	Ratio	Lower	Upper
84	100		
49	119.6	103.8	155.8
51	53.9	31.8	47.8#
86	54.9	51.4	77.2



#25
2-Butanone
Concen: 0.212 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.030 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion:	43	Resp:	521
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.3	28.9#

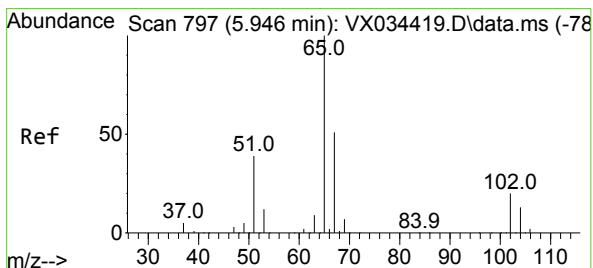
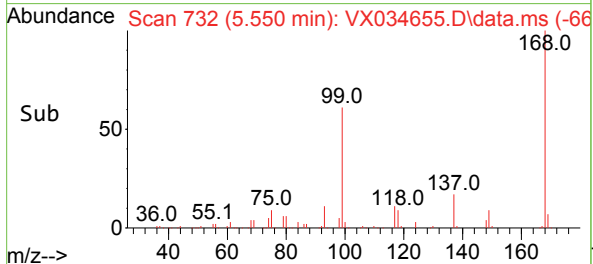
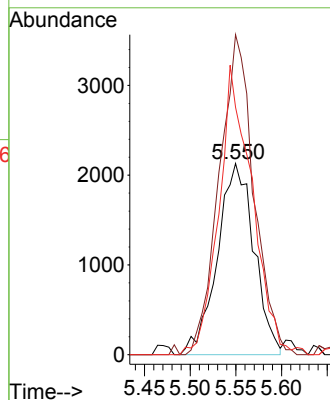
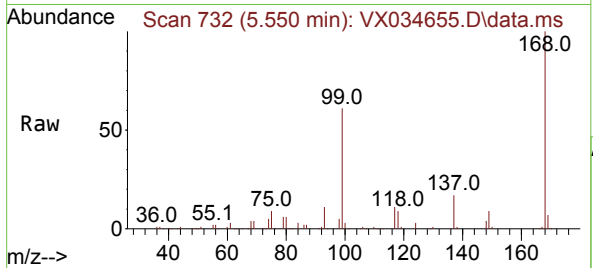




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

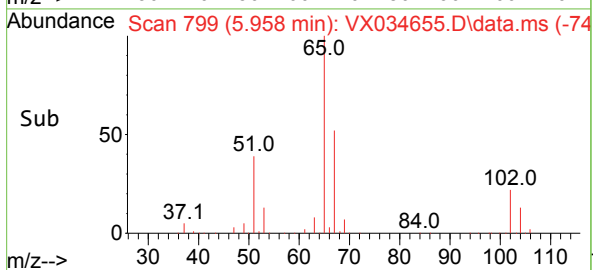
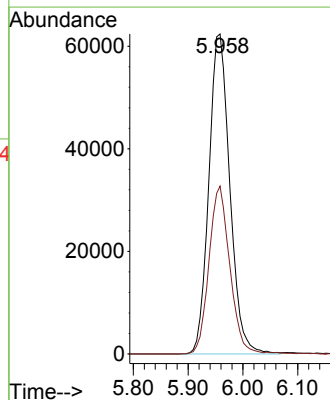
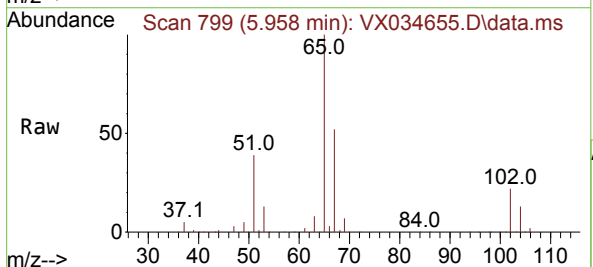
Instrument :
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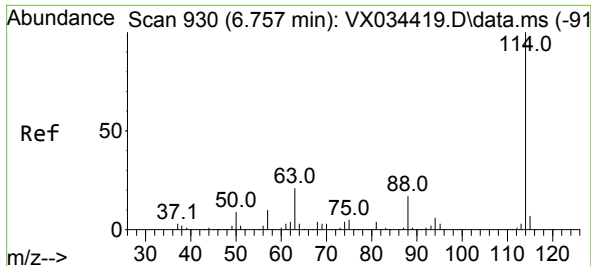
Tgt Ion: 56 Resp: 5950
Ion Ratio Lower Upper
56 100
69 167.4 23.7 35.5#
84 129.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.387 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion: 65 Resp: 165629
Ion Ratio Lower Upper
65 100
67 52.2 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: VX034655.D

Acq: 21 Mar 2023 15:27

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

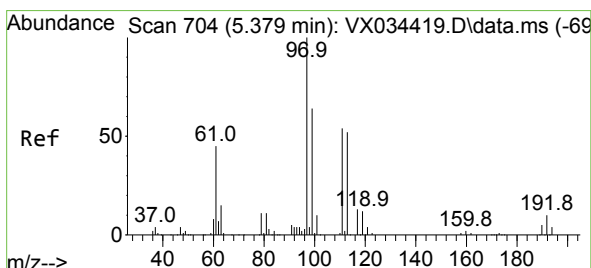
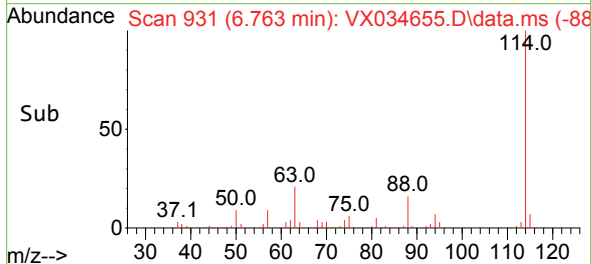
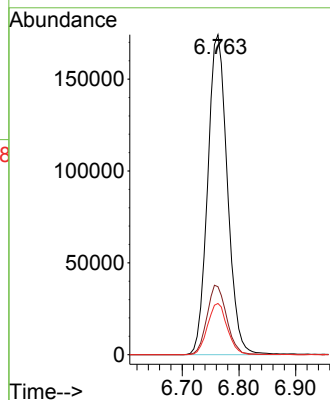
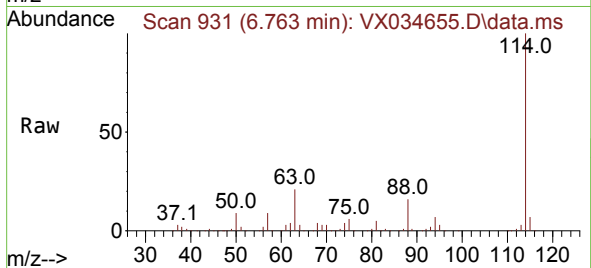
Tgt Ion:114 Resp: 419613

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.365 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034655.D

Acq: 21 Mar 2023 15:27

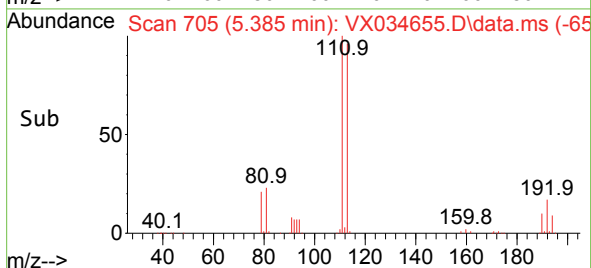
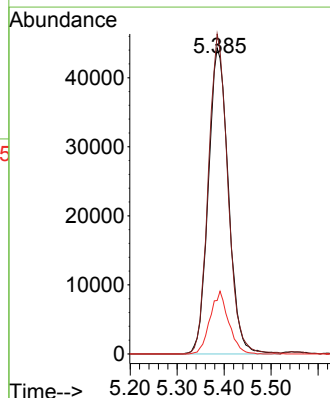
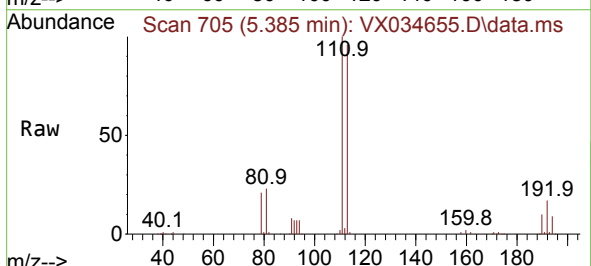
Tgt Ion:113 Resp: 131225

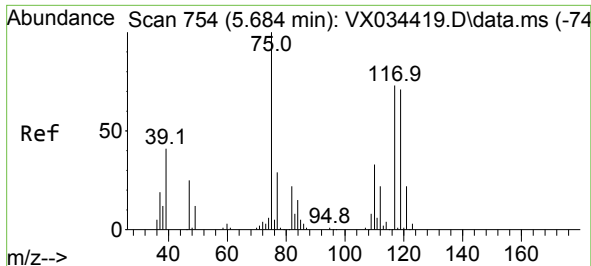
Ion Ratio Lower Upper

113 100

111 101.9 83.7 125.5

192 19.0 15.4 23.2

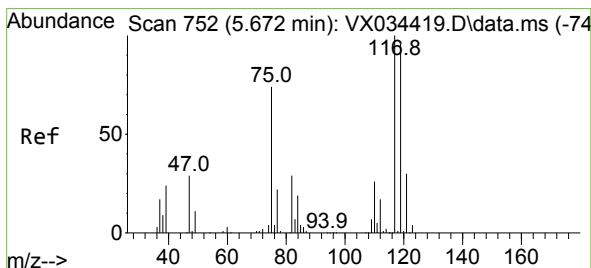
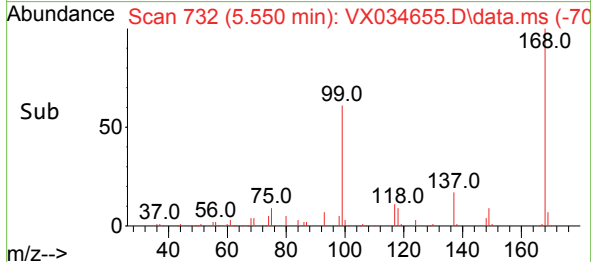
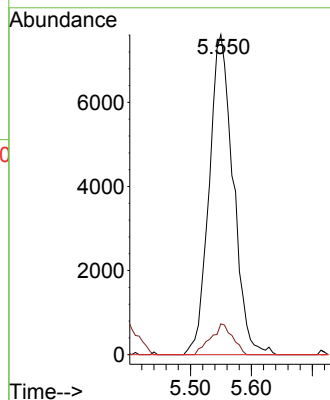
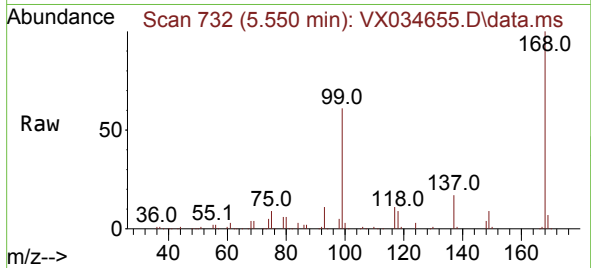




#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

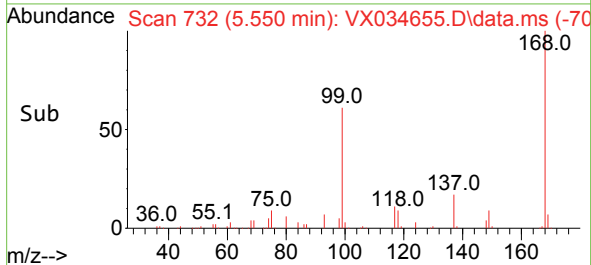
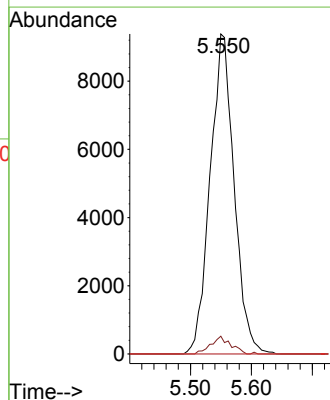
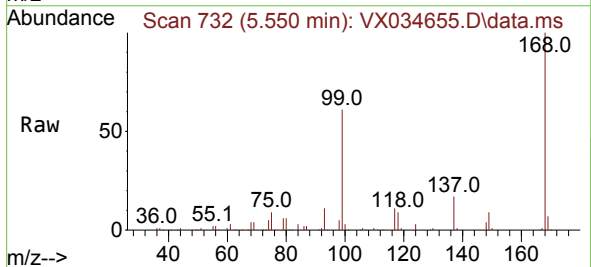
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

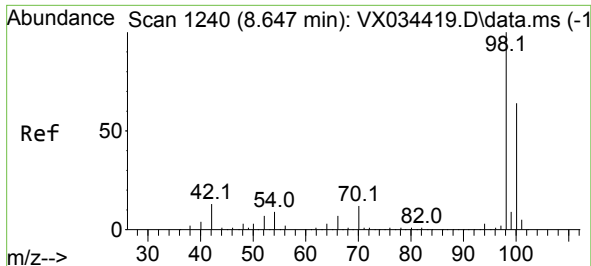
Tgt Ion: 75 Resp: 20865
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.054 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion: 117 Resp: 25627
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#

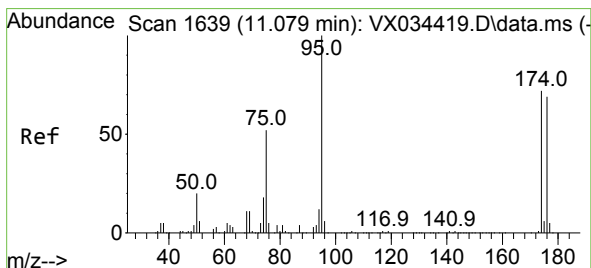
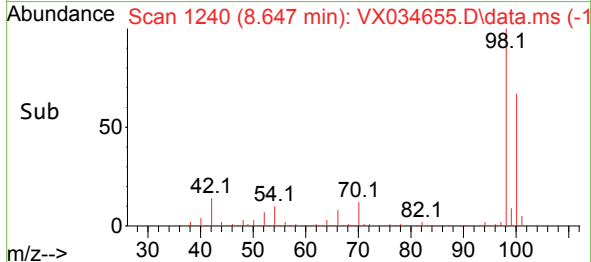
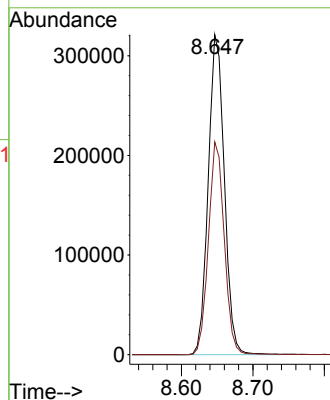
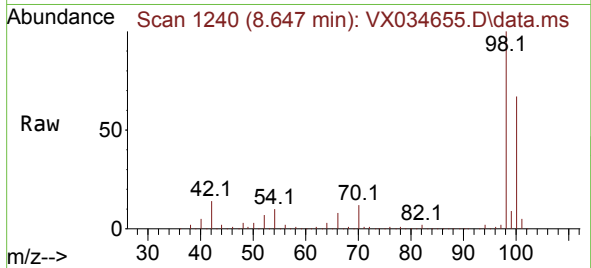




#50
Toluene-d8
Concen: 48.601 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

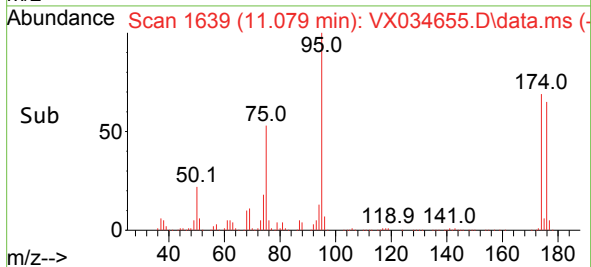
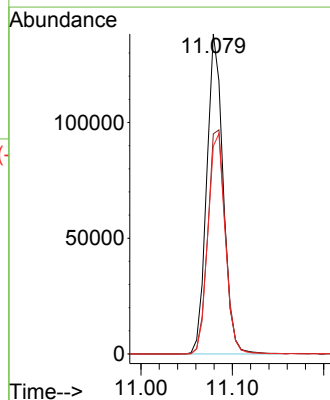
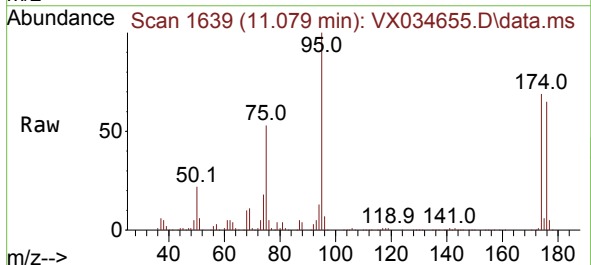
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

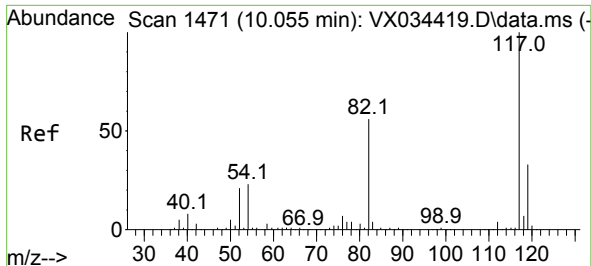
Tgt Ion: 98 Resp: 502654
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion: 95 Resp: 172256
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 72.2 0.0 140.6

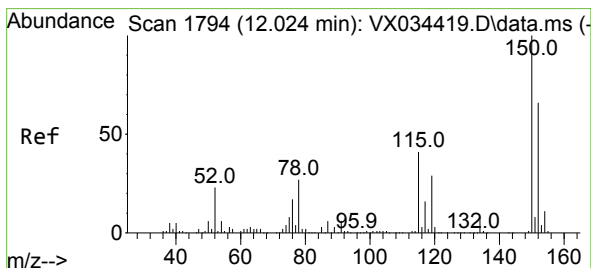
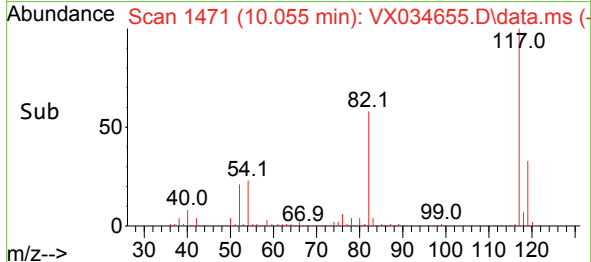
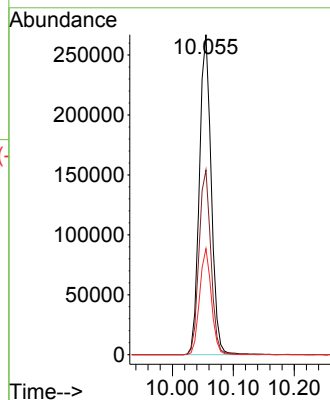
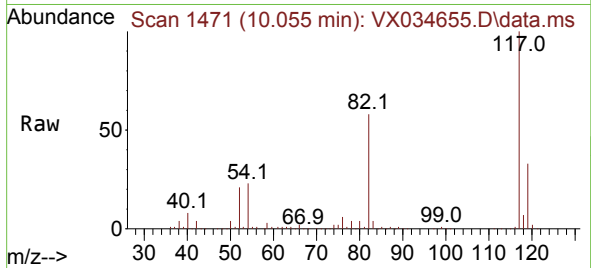




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

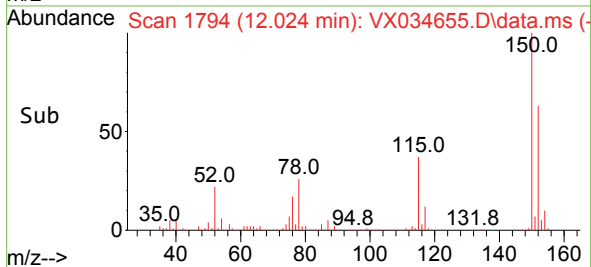
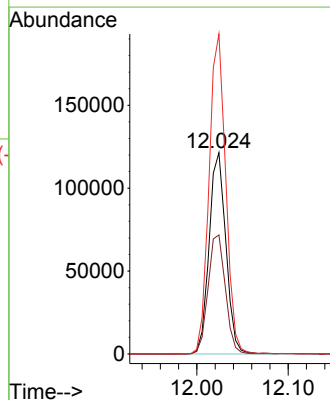
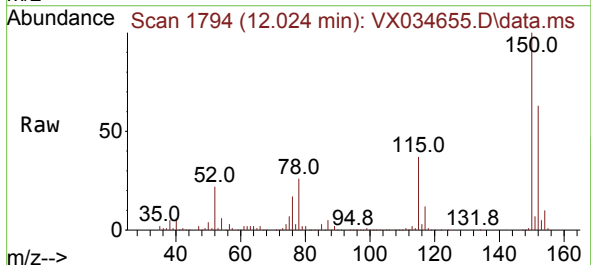
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

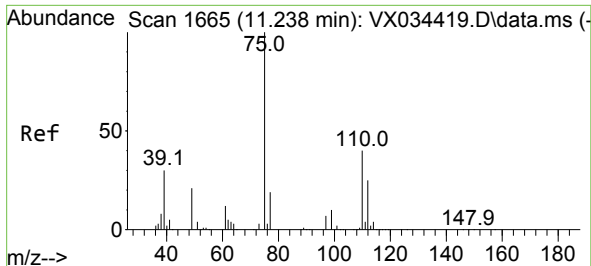
Tgt Ion:117 Resp: 360214
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 33.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion:152 Resp: 154751
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 157.5 0.0 352.4

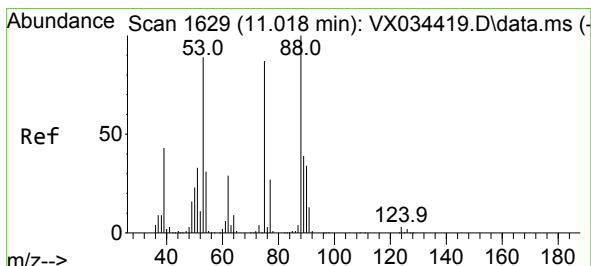
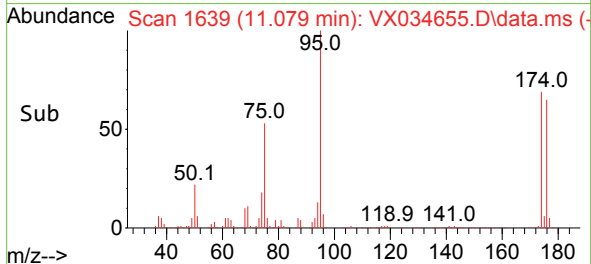
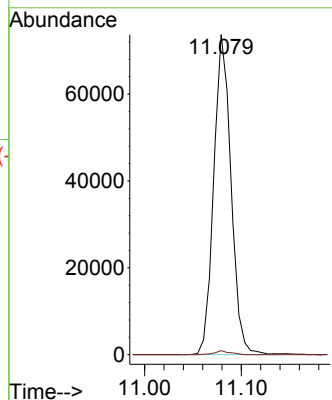
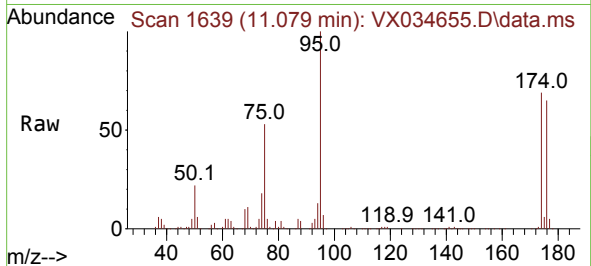




#76
1,2,3-Trichloropropane
Concen: 25.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 91456
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034655.D
Acq: 21 Mar 2023 15:27

Tgt Ion: 75 Resp: 91456
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

