

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034451.D
 Acq On : 14 Mar 2023 09:45
 Operator : JC/MD
 Sample : VX0314WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBL01

Quant Time: Mar 15 06:34:54 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)

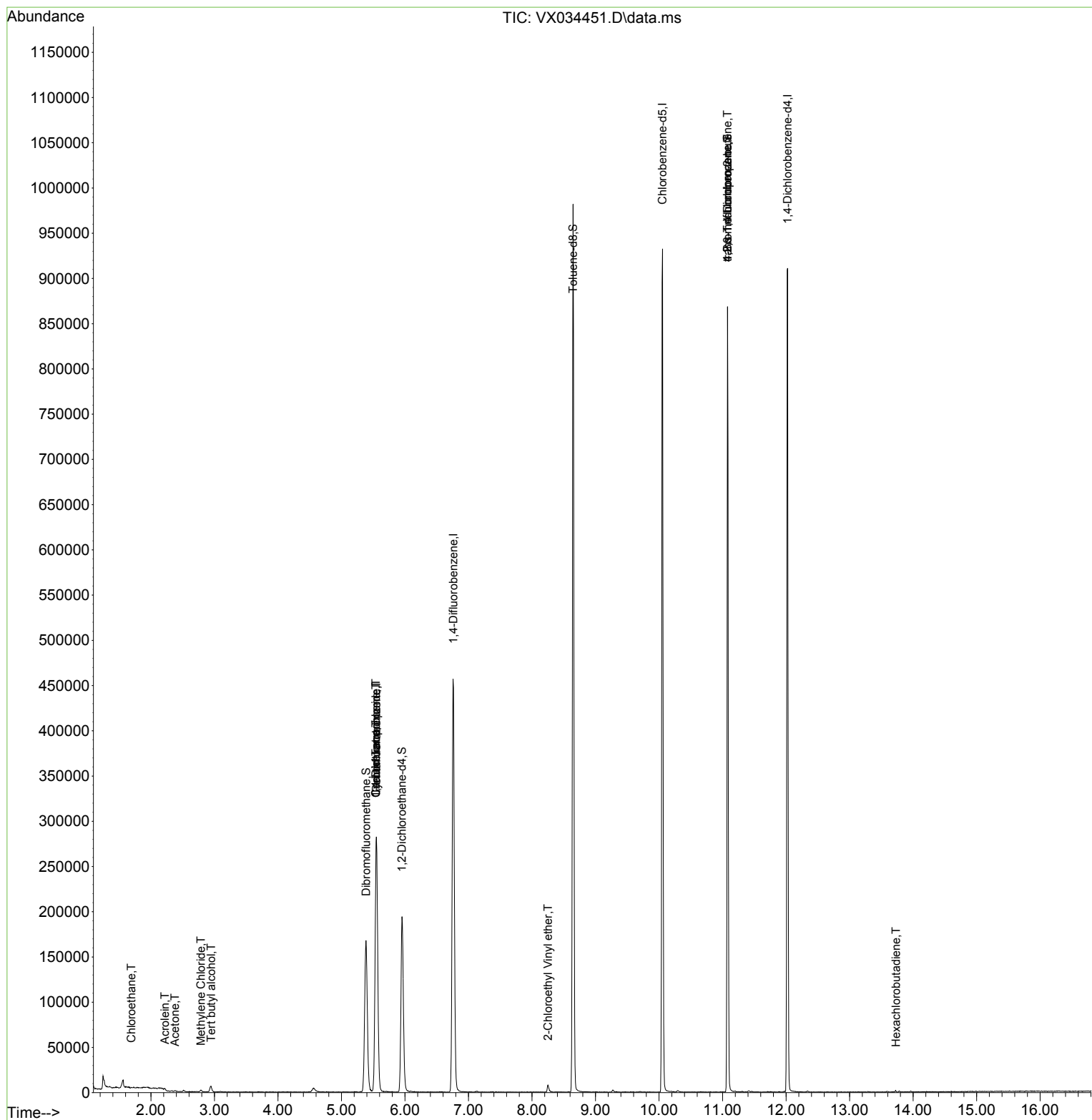
Internal Standards						
1) Pentafluorobenzene	5.550	168	271073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180333	45.728	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.460%
35) Dibromofluoromethane	5.385	113	146414	47.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.647	98	562650	49.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.079	95	216499	46.794	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	526	Below Cal	#	24
6) Chloroethane	1.691	64	486	0.245	ug/l	97
11) Tert butyl alcohol	2.947	59	3472	4.228	ug/l #	73
13) Acrolein	2.221	56	238	0.366	ug/l	95
16) Acetone	2.380	43	1001	0.539	ug/l #	84
20) Methylene Chloride	2.788	84	834	0.231	ug/l #	77
31) Cyclohexane	5.544	56	6410	1.159	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	21870	4.641	ug/l #	50
38) Carbon Tetrachloride	5.544	117	27119	5.784	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.250	63	3537	1.234	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	114426	25.957	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	114426	70.222	ug/l #	8
94) Hexachlorobutadiene	13.731	225	341	0.201	ug/l #	59

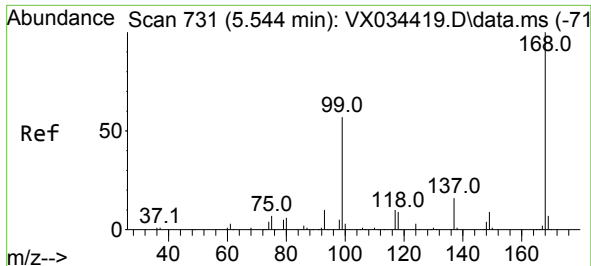
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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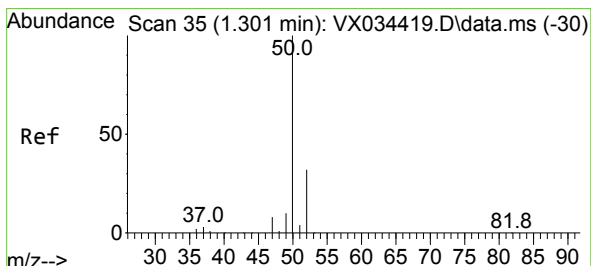
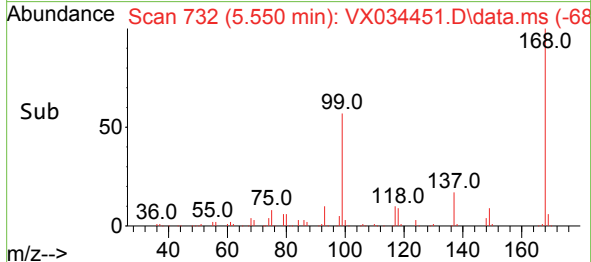
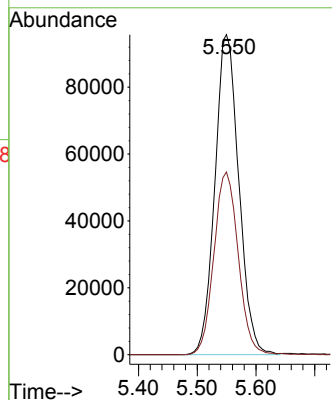
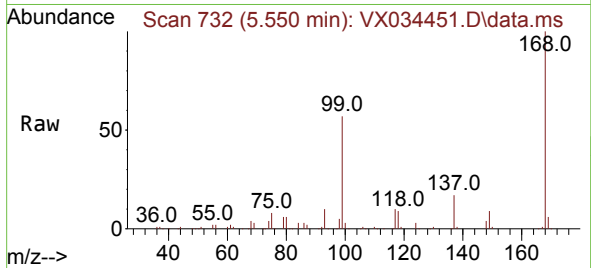




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

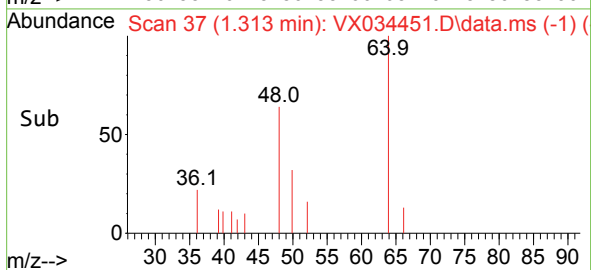
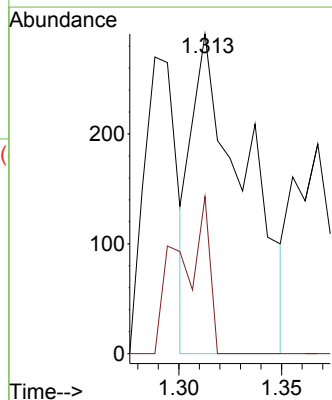
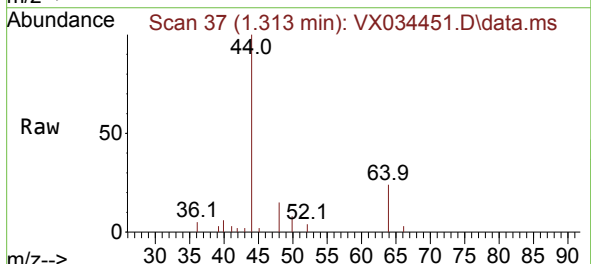
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

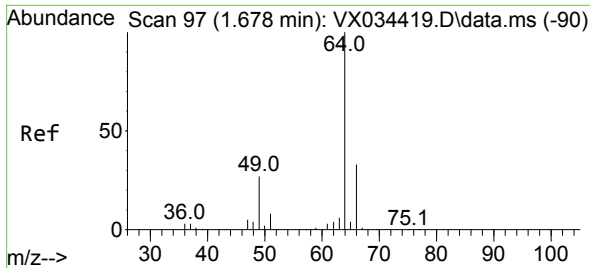
Tgt Ion:168 Resp: 271073
Ion Ratio Lower Upper
168 100
99 57.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Tgt Ion: 50 Resp: 526
Ion Ratio Lower Upper
50 100
52 74.9 25.9 38.9#

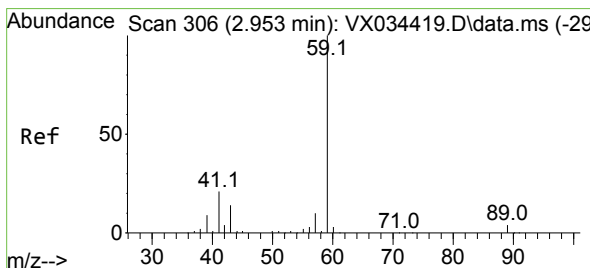
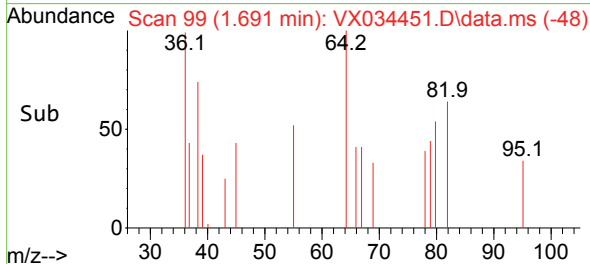
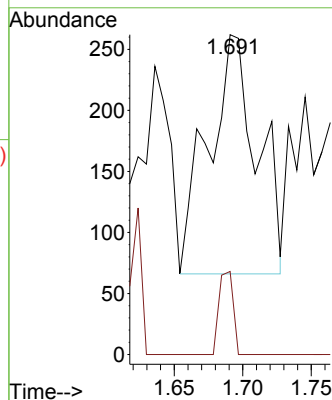
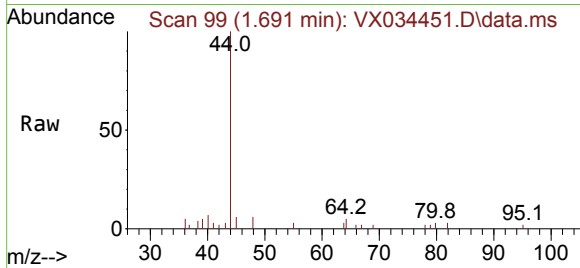




#6
Chloroethane
Concen: 0.245 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

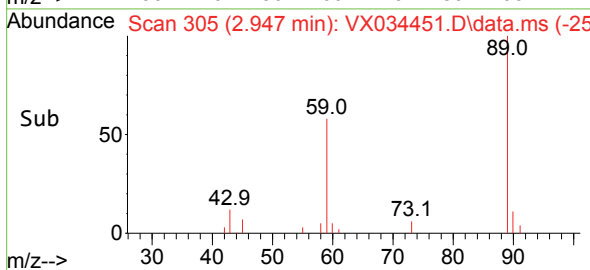
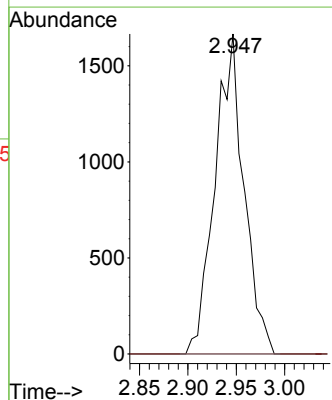
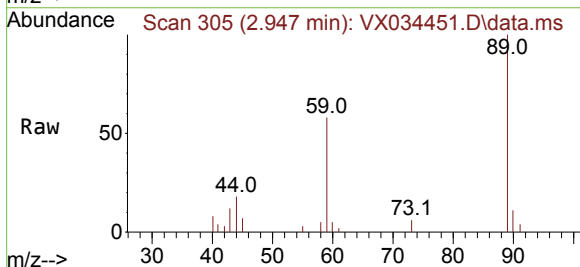
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

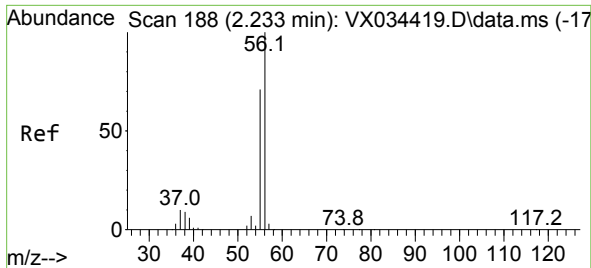
Tgt Ion: 64 Resp: 486
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.4



#11
Tert butyl alcohol
Concen: 4.228 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Tgt Ion: 59 Resp: 3472
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

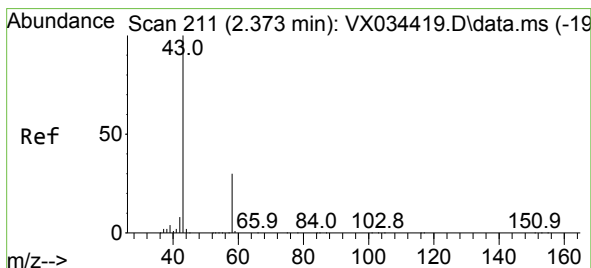
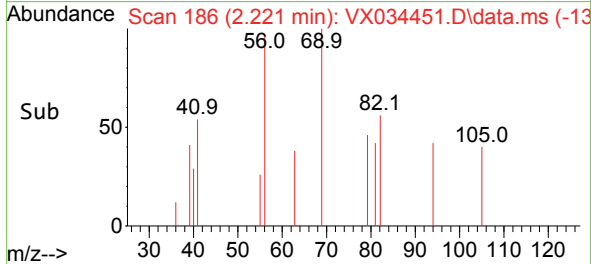
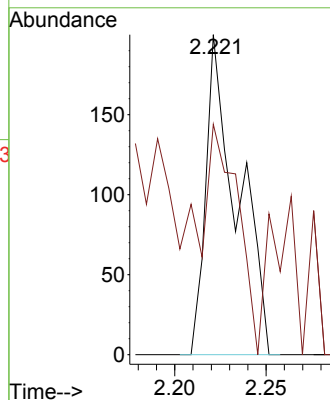
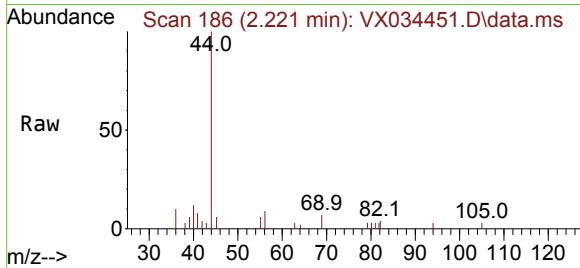




#13
Acrolein
Concen: 0.366 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

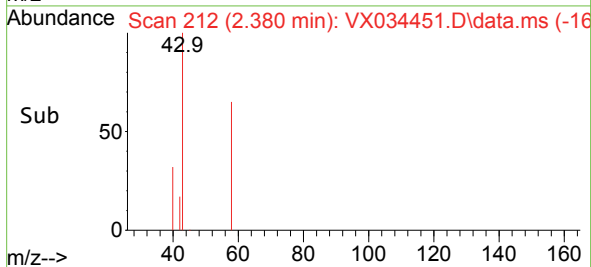
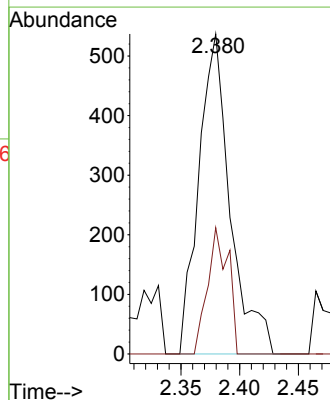
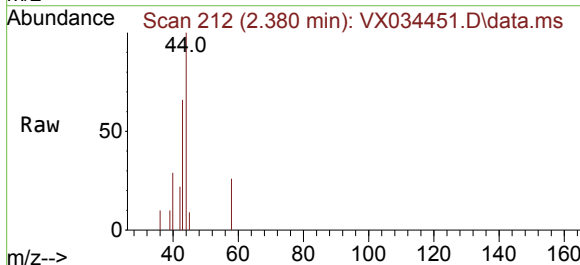
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

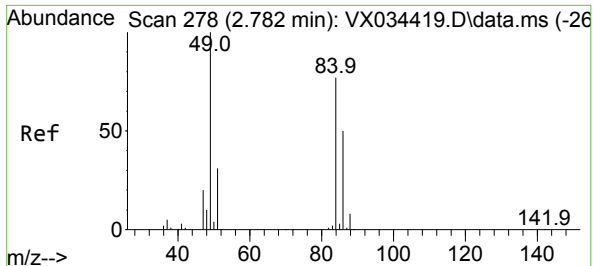
Tgt Ion: 56 Resp: 238
Ion Ratio Lower Upper
56 100
55 66.4 56.6 85.0



#16
Acetone
Concen: 0.539 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
58 39.5 24.7 37.1#





#20

Methylene Chloride

Concen: 0.231 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034451.D

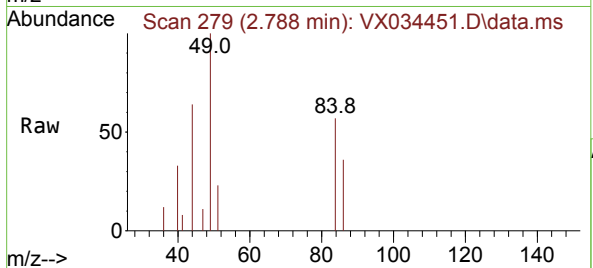
Acq: 14 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBL01



Tgt Ion: 84 Resp: 834

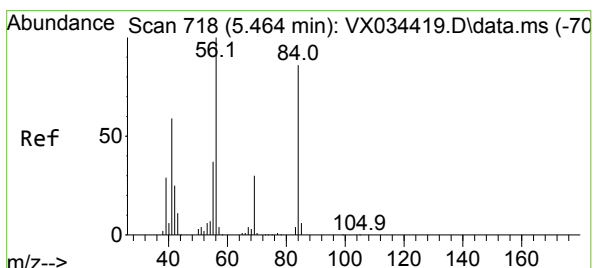
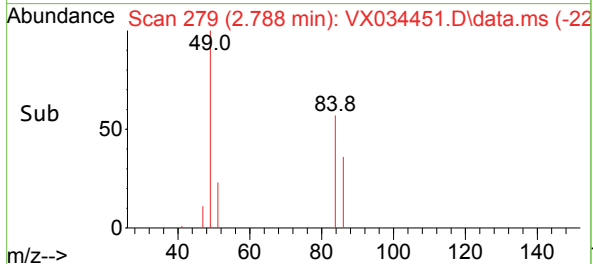
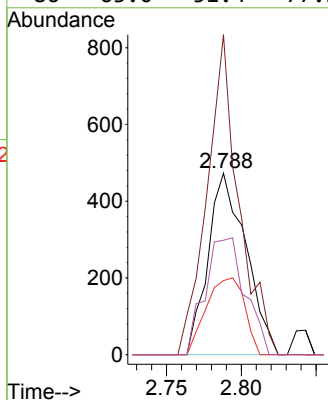
Ion Ratio Lower Upper

84 100

49 176.3 103.8 155.8#

51 40.8 31.8 47.8

86 63.0 51.4 77.2



#31

Cyclohexane

Concen: 1.159 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX034451.D

Acq: 14 Mar 2023 09:45

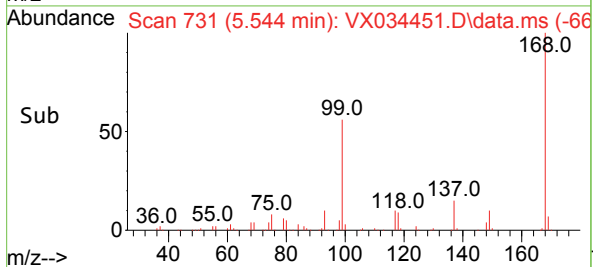
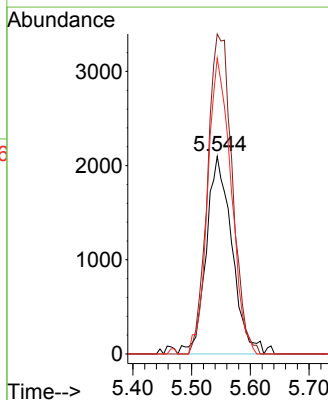
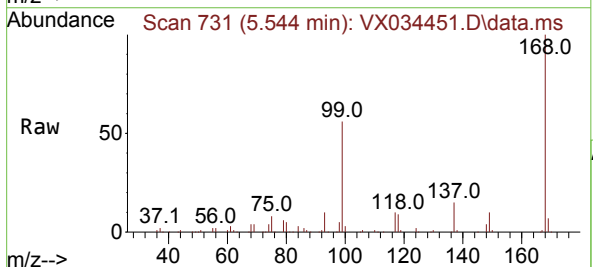
Tgt Ion: 56 Resp: 6410

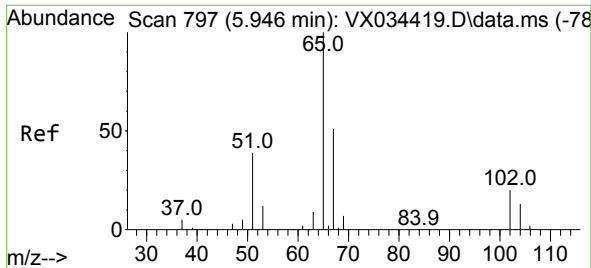
Ion Ratio Lower Upper

56 100

69 161.9 23.7 35.5#

84 149.6 68.5 102.7#

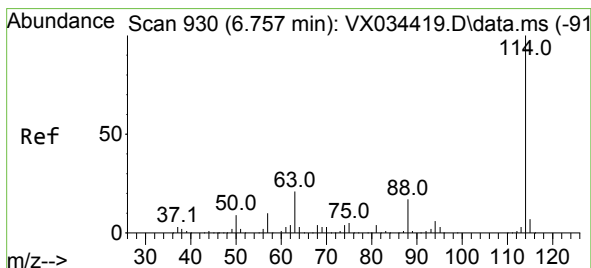
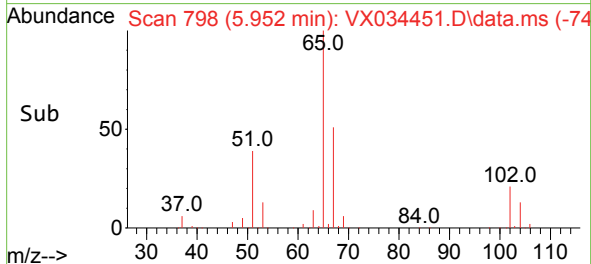
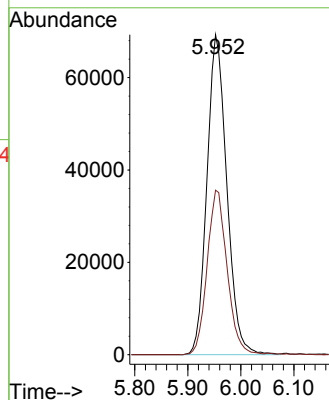
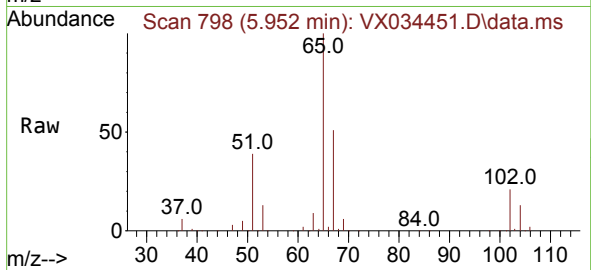




#33
1,2-Dichloroethane-d4
Concen: 45.728 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

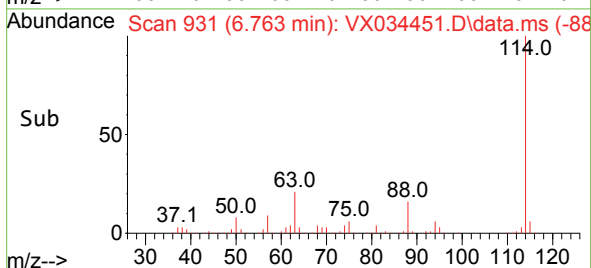
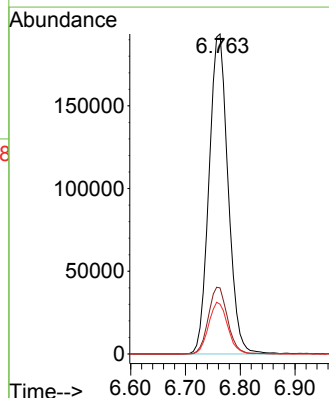
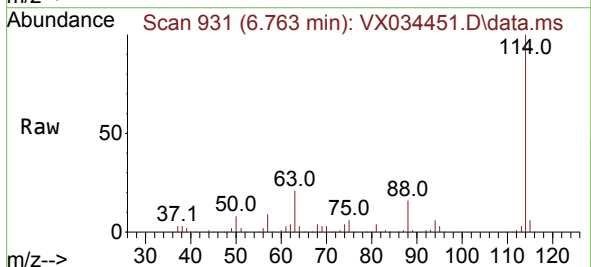
Instrument :
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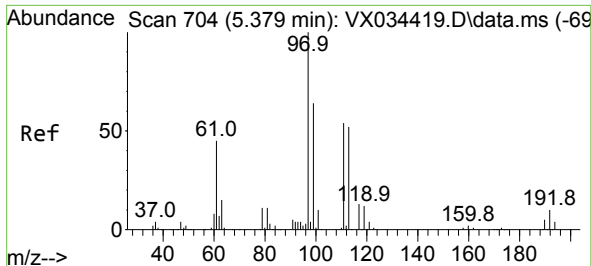
Tgt Ion: 65 Resp: 180333
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Tgt Ion: 114 Resp: 464720
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.2
88 15.6 0.0 33.2

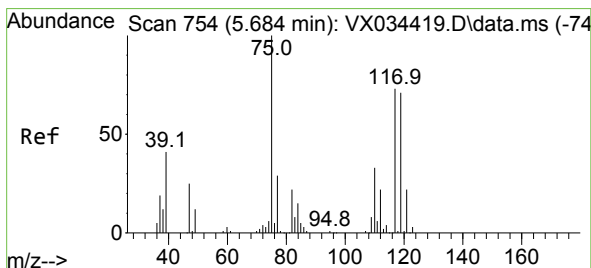
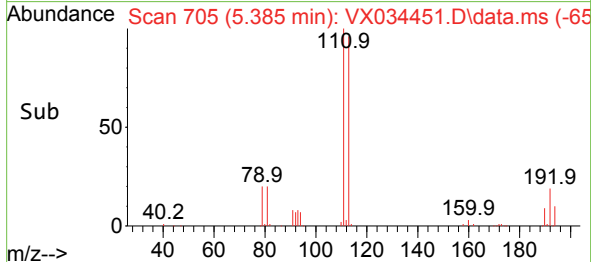
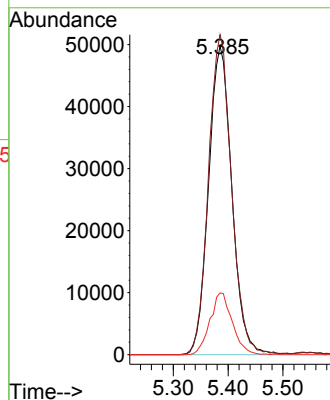
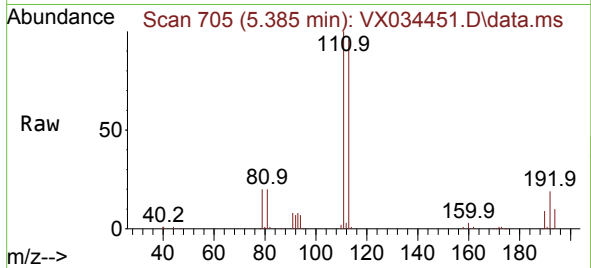




#35
Dibromofluoromethane
Concen: 47.718 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

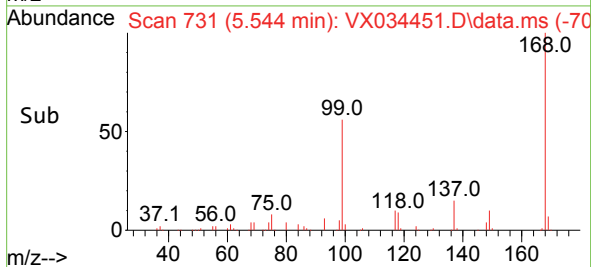
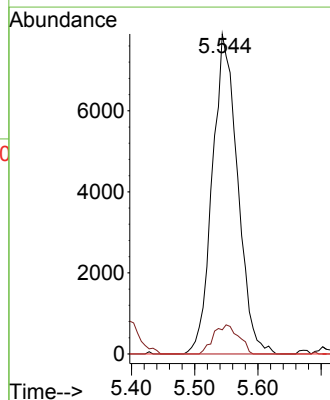
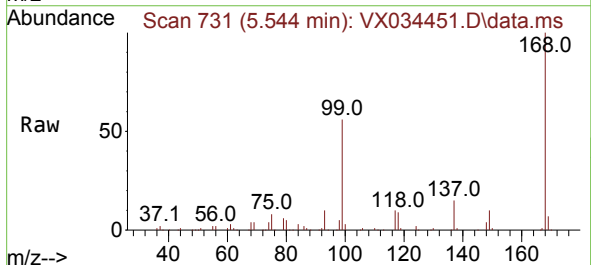
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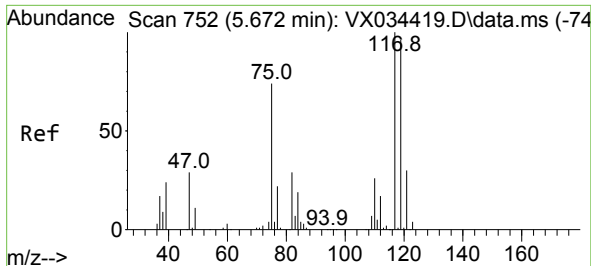
Tgt Ion:113 Resp: 146414
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

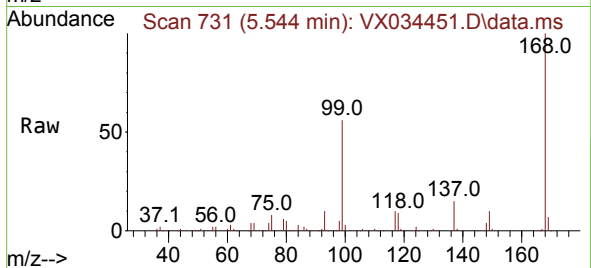
Tgt Ion: 75 Resp: 21870
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



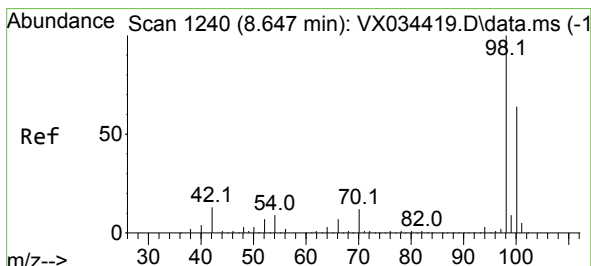
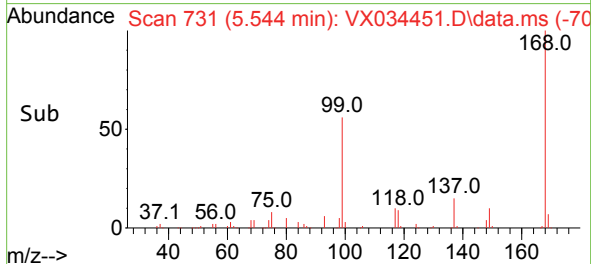
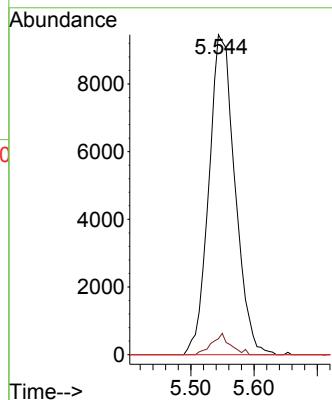


#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

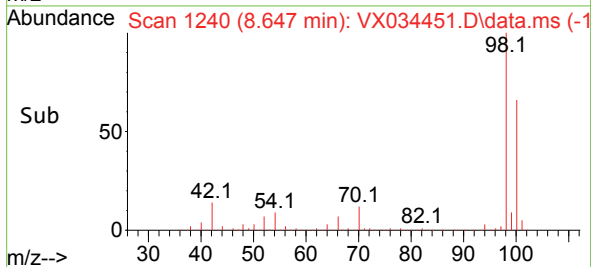
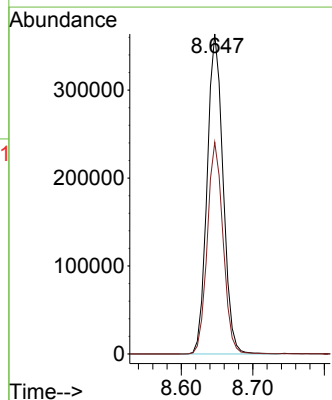
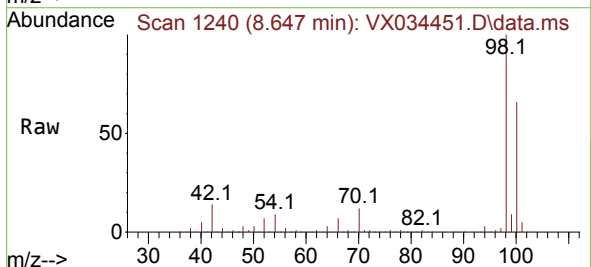


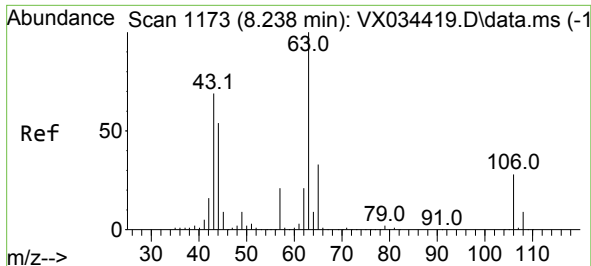
Tgt Ion:117 Resp: 27119
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.122 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Tgt Ion: 98 Resp: 562650
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

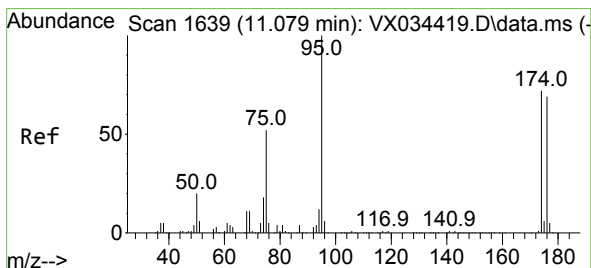
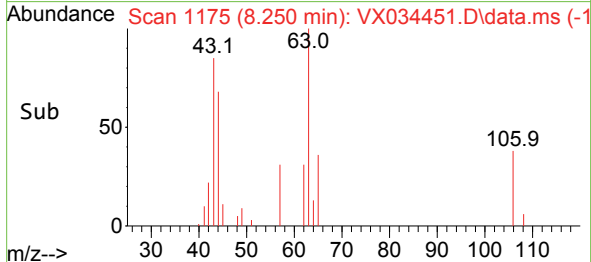
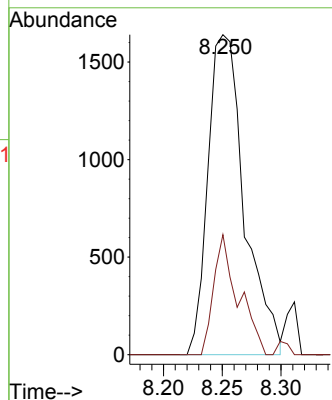
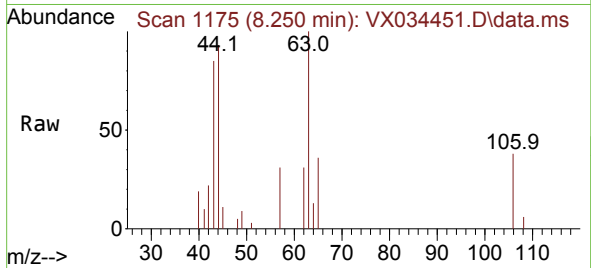




#58
2-Chloroethyl Vinyl ether
Concen: 1.234 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

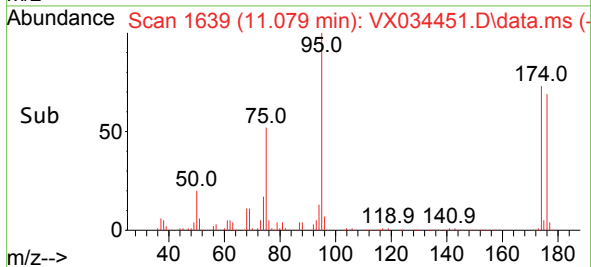
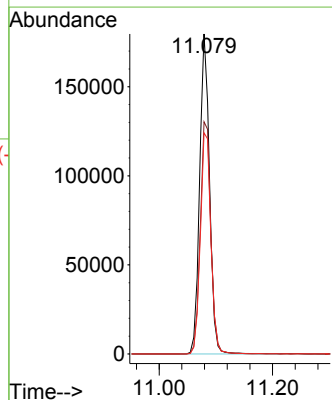
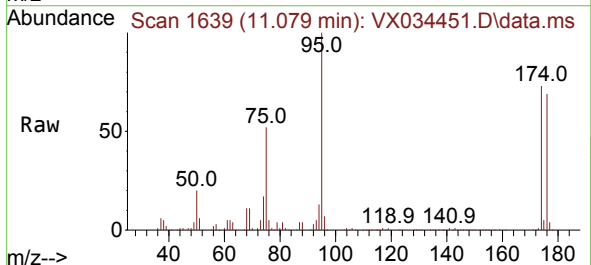
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

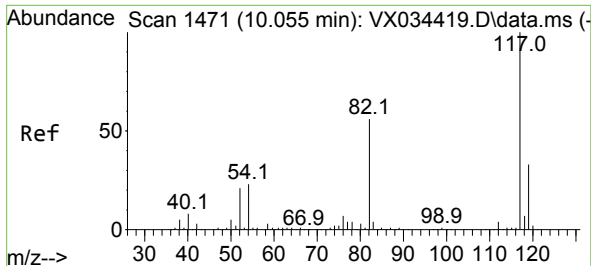
Tgt Ion: 63 Resp: 3537
Ion Ratio Lower Upper
63 100
106 25.4 22.2 33.2



#62
4-Bromofluorobenzene
Concen: 46.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Tgt Ion: 95 Resp: 216499
Ion Ratio Lower Upper
95 100
174 77.6 0.0 147.4
176 73.7 0.0 140.6

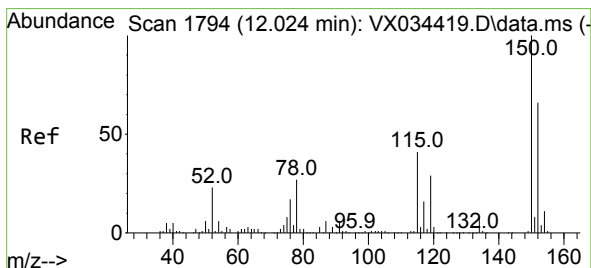
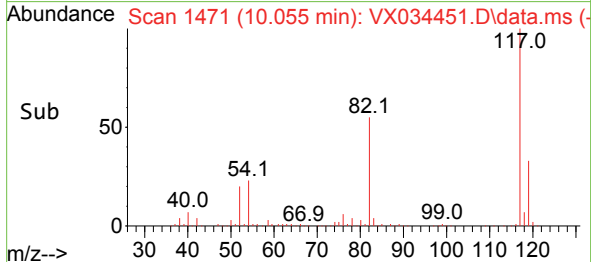
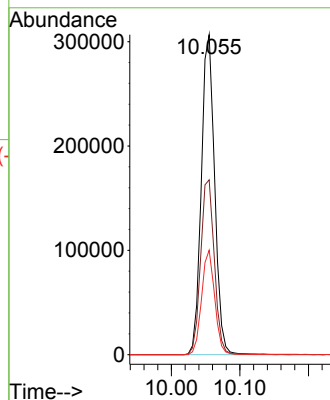
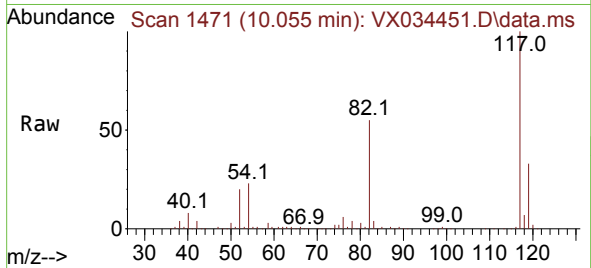




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

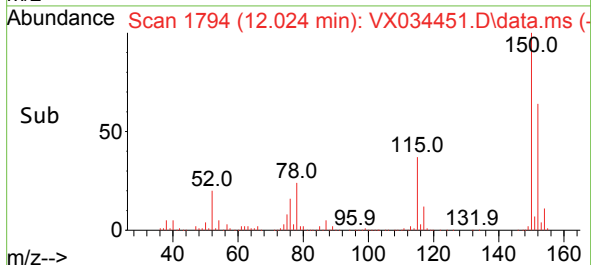
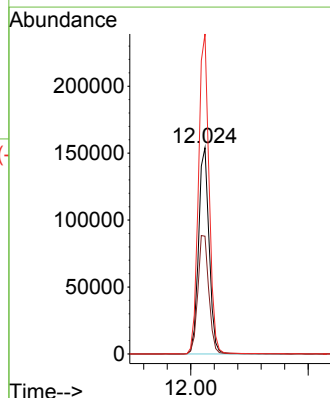
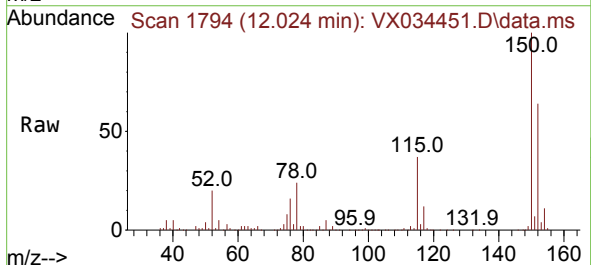
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

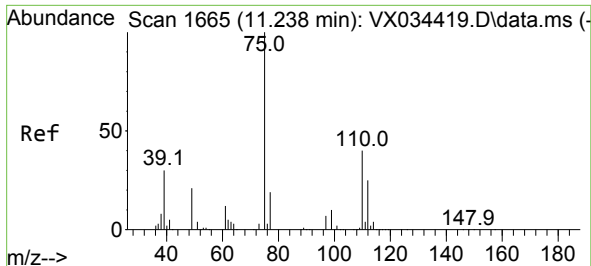
Tgt Ion:117 Resp: 416392
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Tgt Ion:152 Resp: 191987
Ion Ratio Lower Upper
152 100
115 59.5 45.0 135.0
150 155.6 0.0 352.4

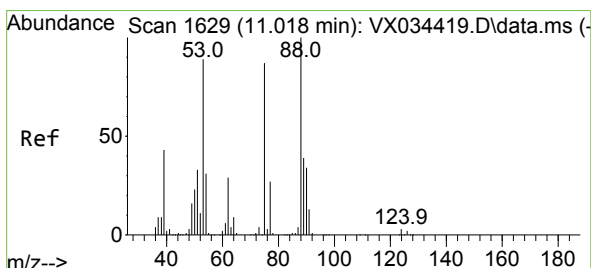
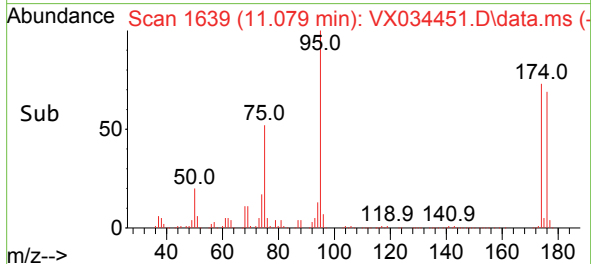
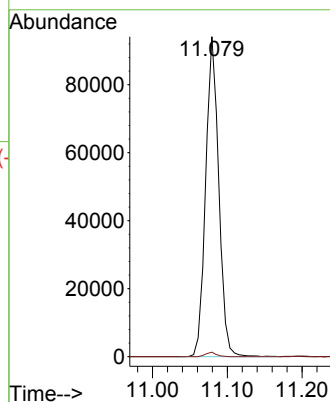
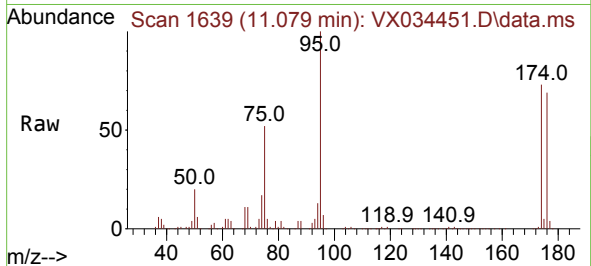




#76
1,2,3-Trichloropropane
Concen: 25.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

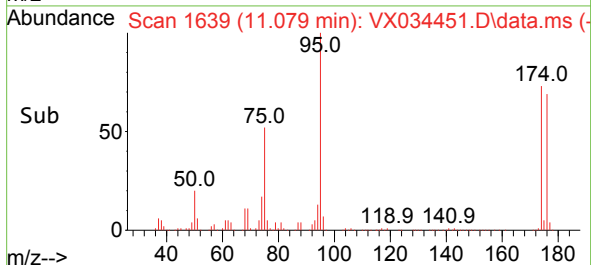
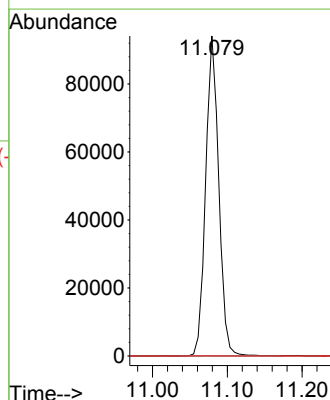
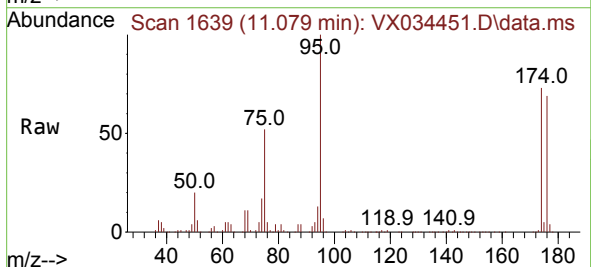
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

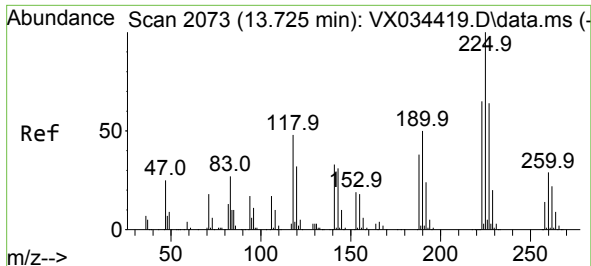
Tgt Ion: 75 Resp: 114426
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

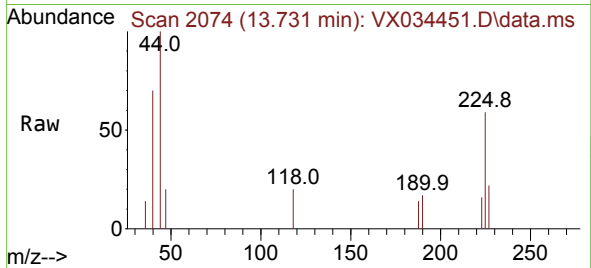
Tgt Ion: 75 Resp: 114426
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
Hexachlorobutadiene
Concen: 0.201 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX034451.D
Acq: 14 Mar 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01



Tgt Ion:225 Resp: 341
Ion Ratio Lower Upper
225 100
223 23.2 32.1 96.5#
227 40.8 31.8 95.4

