

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034374.D
 Acq On : 08 Mar 2023 10:13
 Operator : JC/MD
 Sample : VX0308MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308MBL01

Quant Time: Mar 09 03:55:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

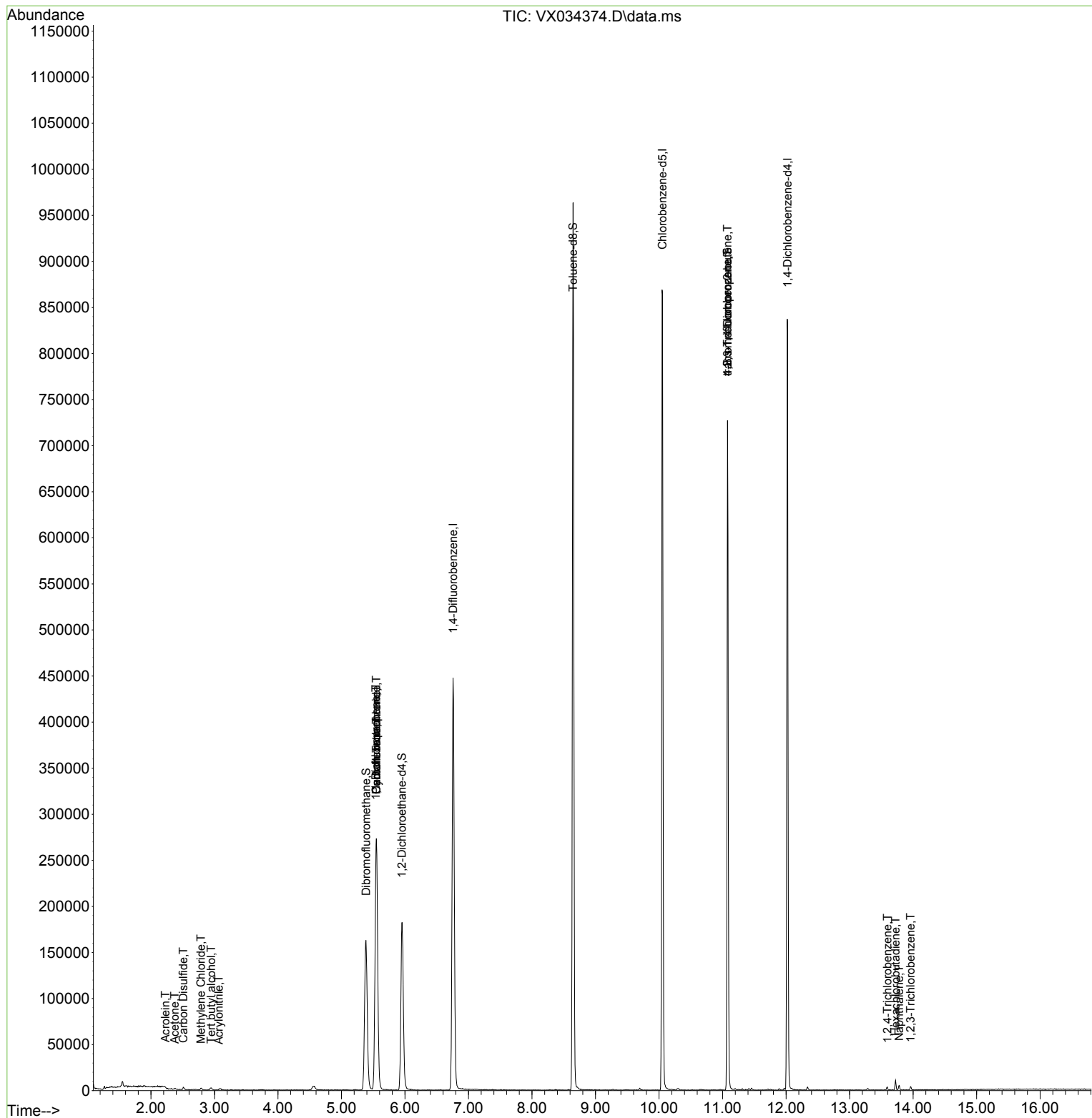
Internal Standards						
1) Pentafluorobenzene	5.550	168	268957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	453730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170154	46.975	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.385	113	144900	49.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.100%		
50) Toluene-d8	8.647	98	552562	52.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.200%		
62) 4-Bromofluorobenzene	11.079	95	190846	47.040	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.080%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	379	Below Cal	#	34
11) Tert butyl alcohol	2.947	59	1463	1.806	ug/l #	86
13) Acrolein	2.227	56	368	0.995	ug/l #	70
15) Acrylonitrile	3.068	53	763	0.432	ug/l	88
16) Acetone	2.373	43	1602	0.857	ug/l	94
17) Carbon Disulfide	2.508	76	2658	0.318	ug/l	97
20) Methylene Chloride	2.788	84	907	0.269	ug/l #	74
31) Cyclohexane	5.550	56	5667	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20352	4.658	ug/l #	49
38) Carbon Tetrachloride	5.550	117	26989	6.003	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	97850	21.829	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97850	56.077	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	1100	0.286	ug/l	84
94) Hexachlorobutadiene	13.725	225	1441	0.903	ug/l	96
95) Naphthalene	13.780	128	3698	0.285	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1057	0.277	ug/l	99

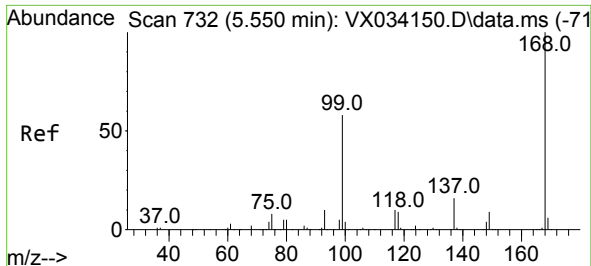
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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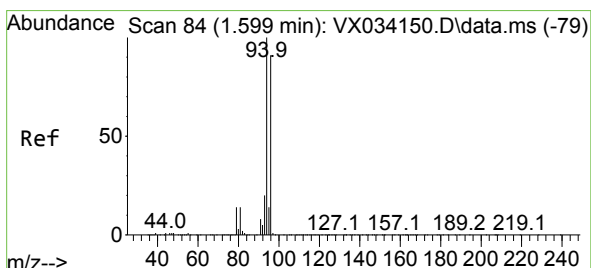
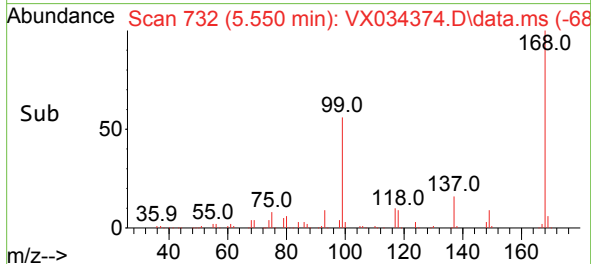
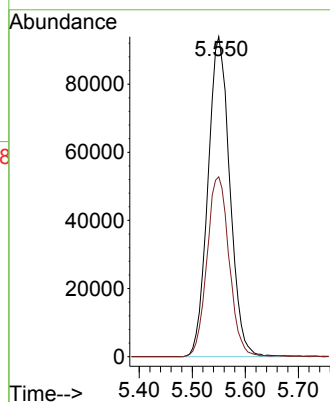
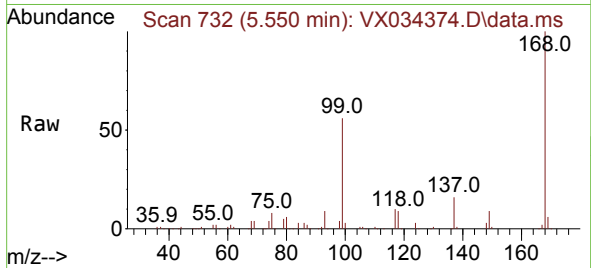




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

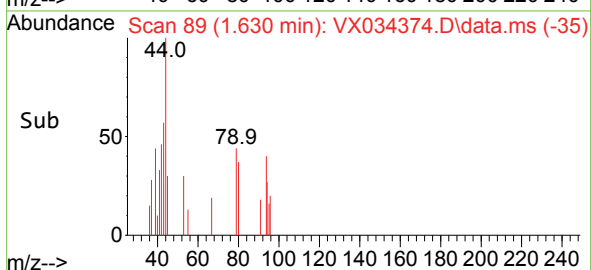
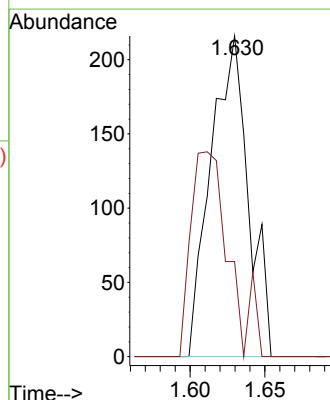
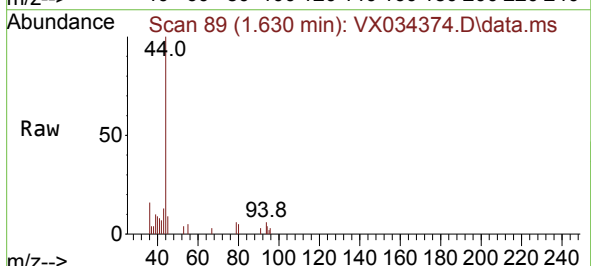
Instrument :
MSVOA_X
ClientSampleId :
VX0308MBL01

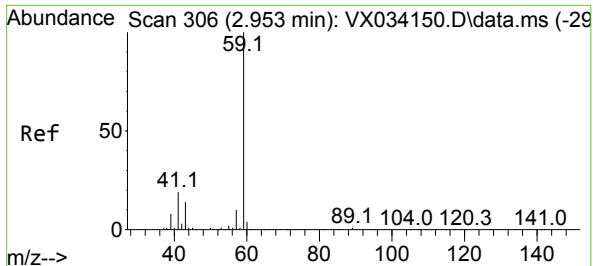
Tgt Ion:168 Resp: 268957
Ion Ratio Lower Upper
168 100
99 56.2 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 29.6 74.3 111.5#

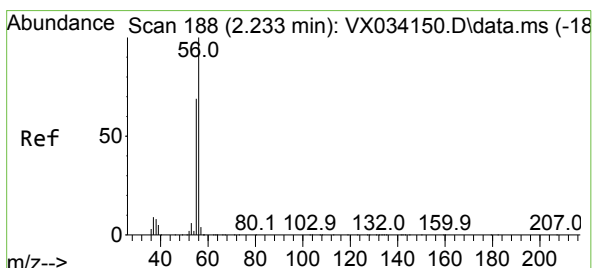
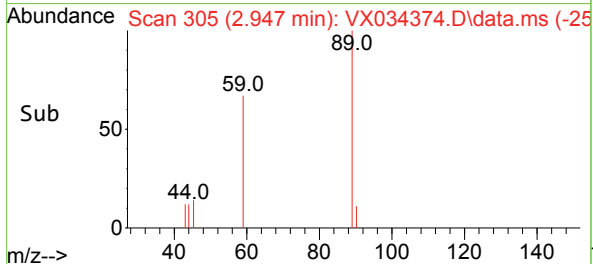
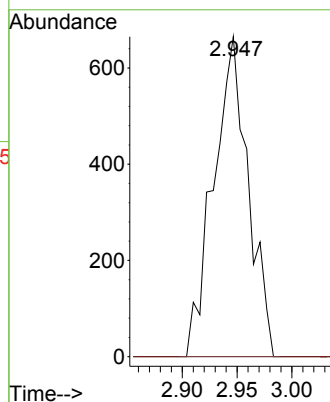
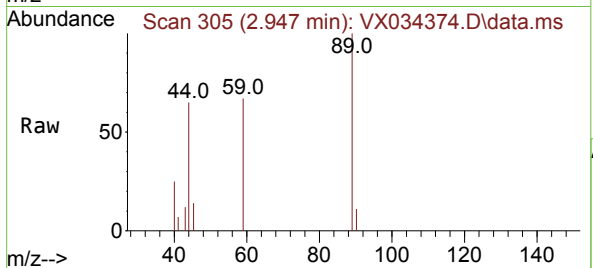




#11
Tert butyl alcohol
Concen: 1.806 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

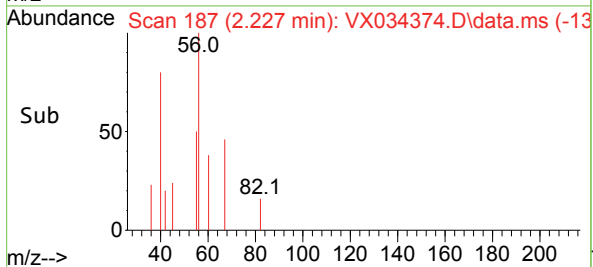
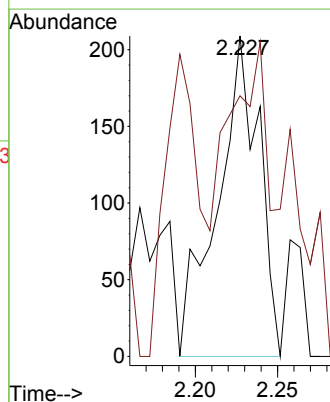
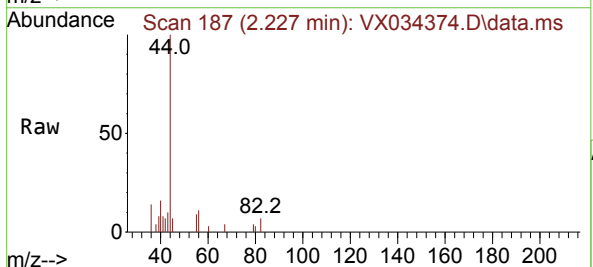
Instrument :
MSVOA_X
ClientSampleId :
VX0308MBL01

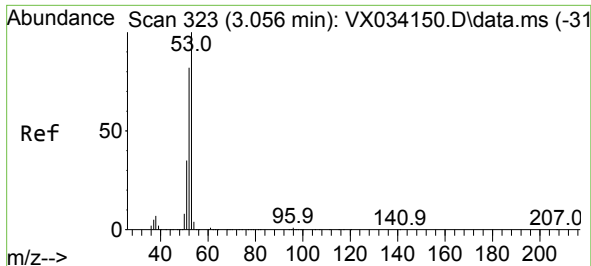
Tgt Ion: 59 Resp: 1463
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#13
Acrolein
Concen: 0.995 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion: 56 Resp: 368
Ion Ratio Lower Upper
56 100
55 45.7 56.3 84.5#

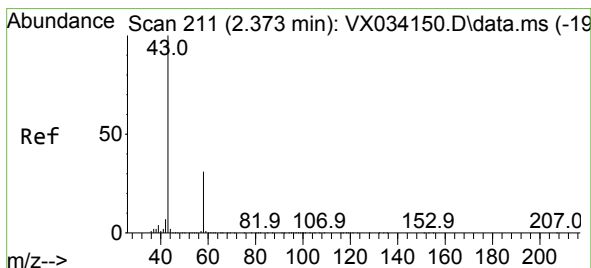
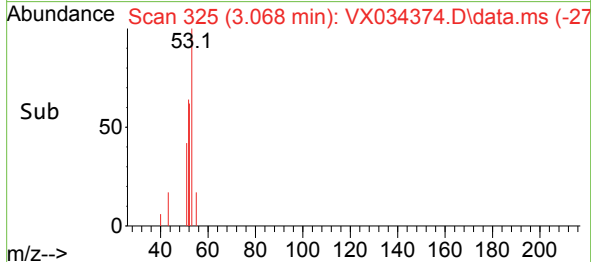
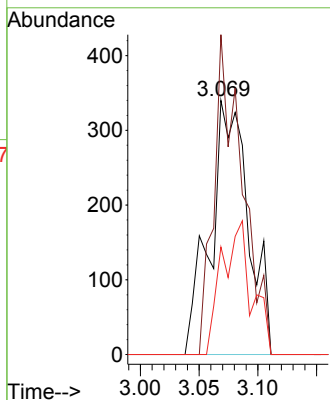
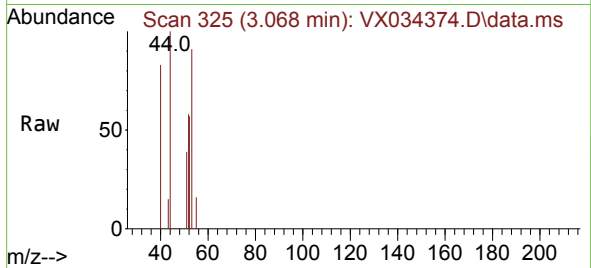




#15
Acrylonitrile
Concen: 0.432 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

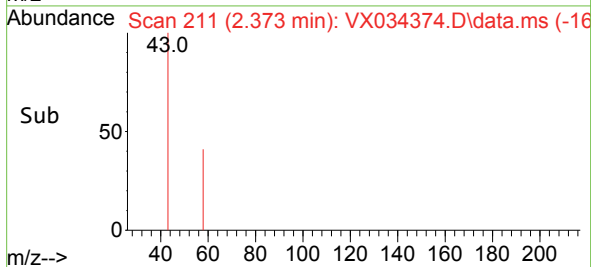
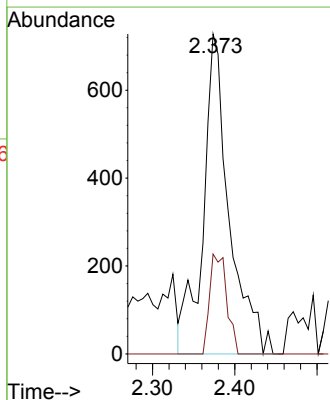
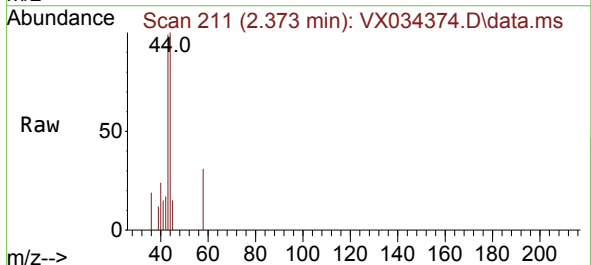
Instrument :
MSVOA_X
ClientSampleId :
VX0308MBL01

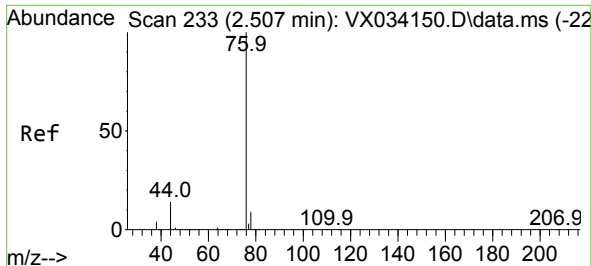
Tgt Ion: 53	Resp: 763
Ion Ratio	Lower Upper
53 100	
52 94.1	65.7 98.5
51 41.2	29.0 43.4



#16
Acetone
Concen: 0.857 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion: 43	Resp: 1602
Ion Ratio	Lower Upper
43 100	
58 31.2	22.6 33.8

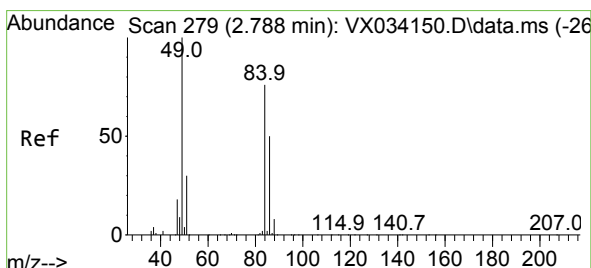
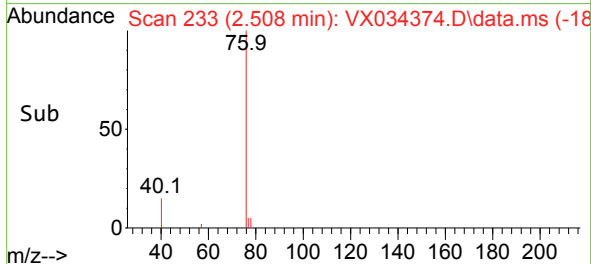
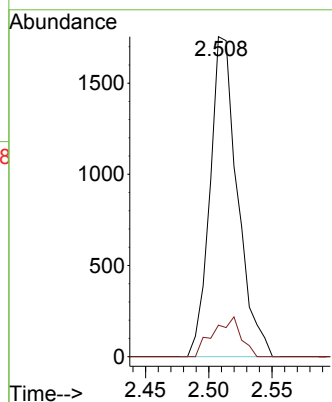
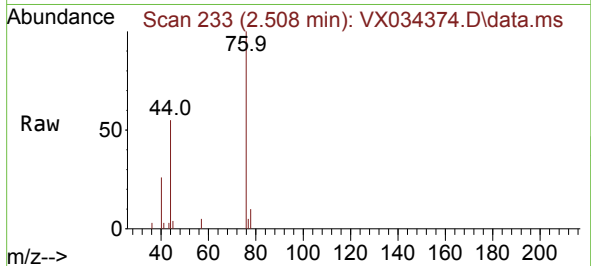




#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

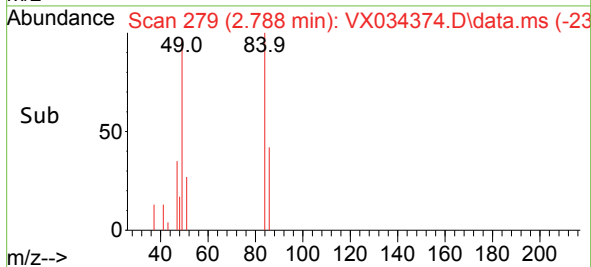
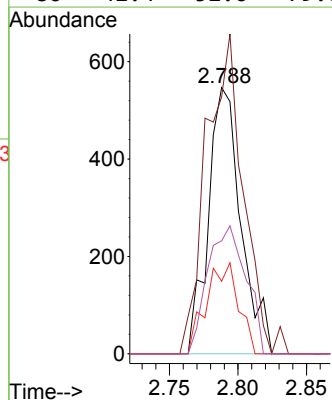
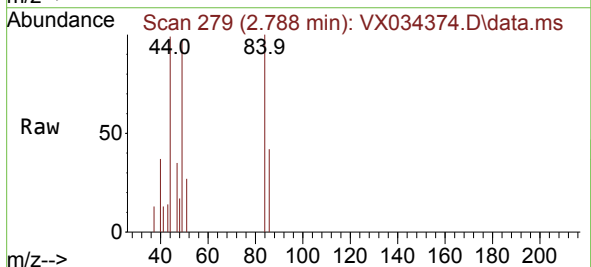
Instrument :
MSVOA_X
ClientSampleId :
VX0308MBL01

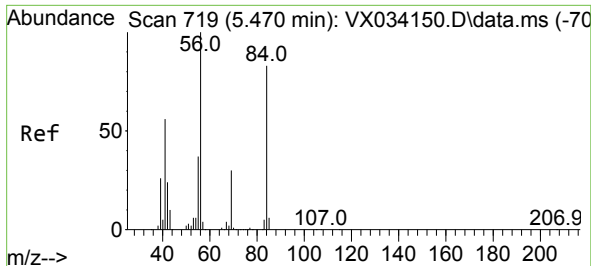
Tgt Ion: 76 Resp: 2658
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#20
Methylene Chloride
Concen: 0.269 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion: 84 Resp: 907
Ion Ratio Lower Upper
84 100
49 96.5 101.1 151.7#
51 27.2 31.0 46.6#
86 42.4 52.6 79.0#

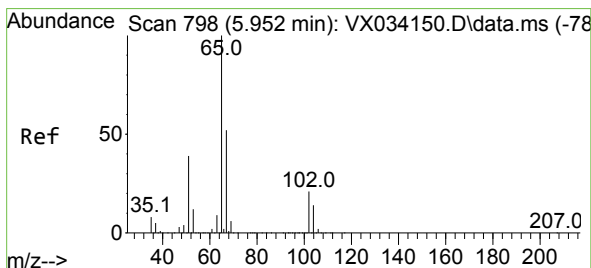
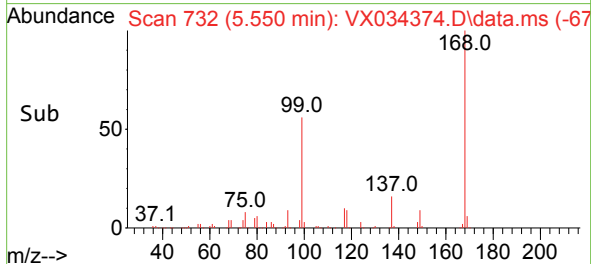
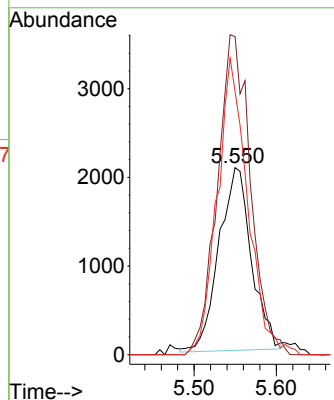
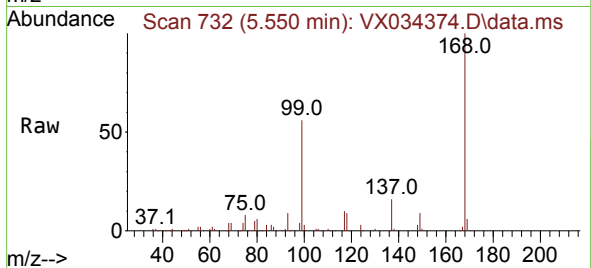




#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

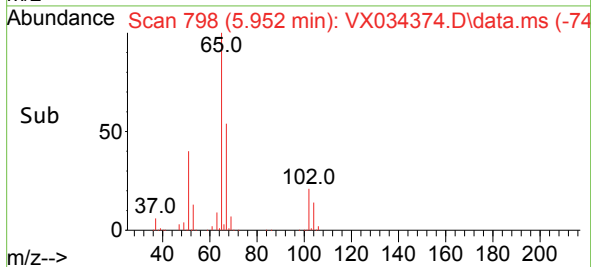
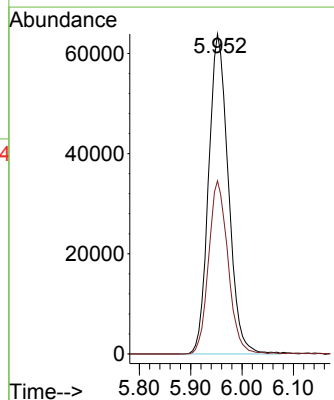
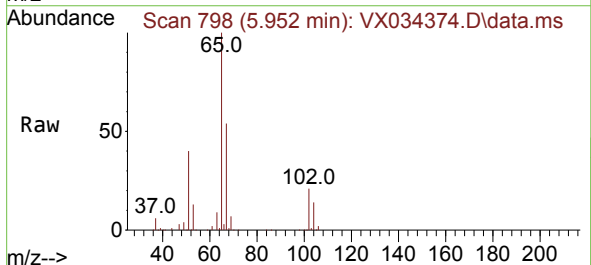
Instrument :
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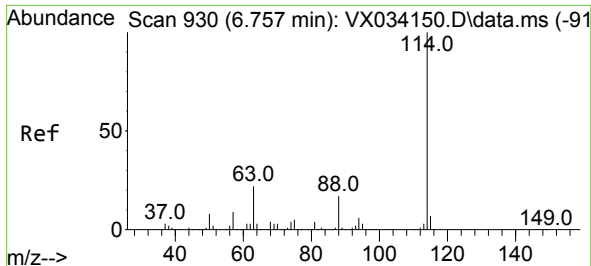
Tgt Ion: 56 Resp: 5667
Ion Ratio Lower Upper
56 100
69 175.4 24.6 37.0#
84 145.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.975 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion: 65 Resp: 170154
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX034374.D

Acq: 08 Mar 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBL01

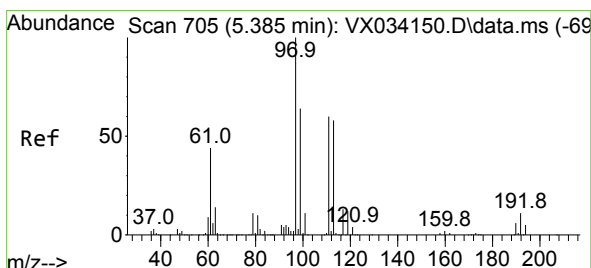
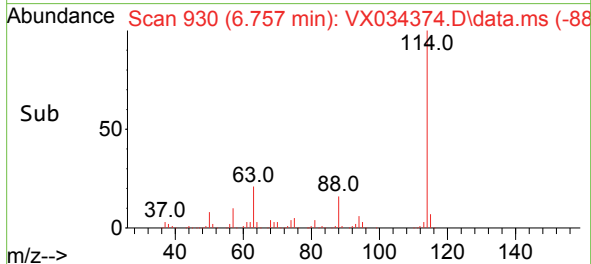
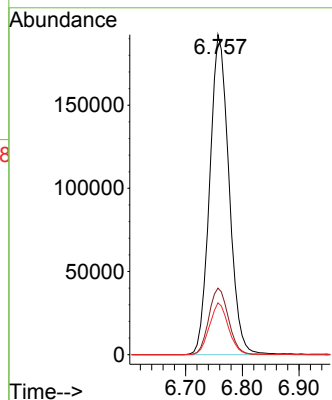
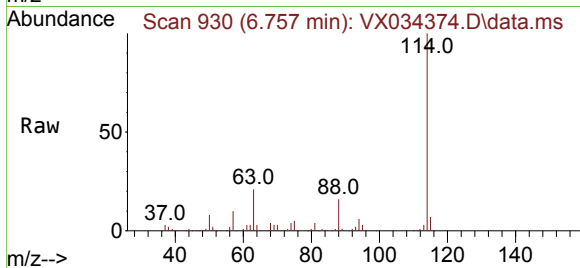
Tgt Ion:114 Resp: 453730

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.049 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034374.D

Acq: 08 Mar 2023 10:13

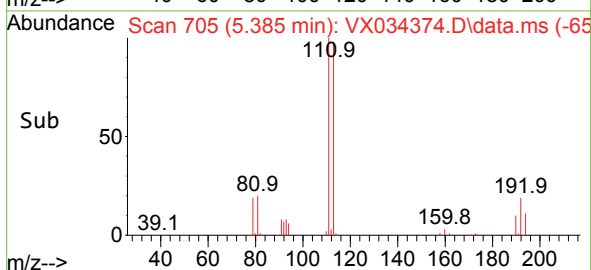
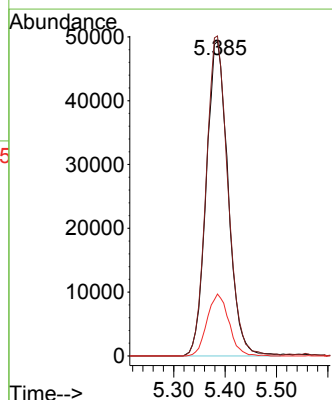
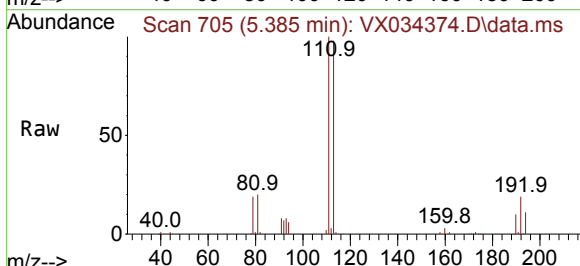
Tgt Ion:113 Resp: 144900

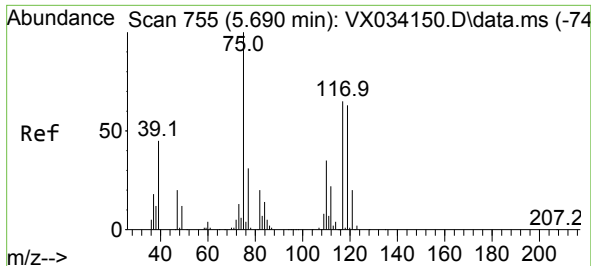
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

192 19.7 19.0 28.4

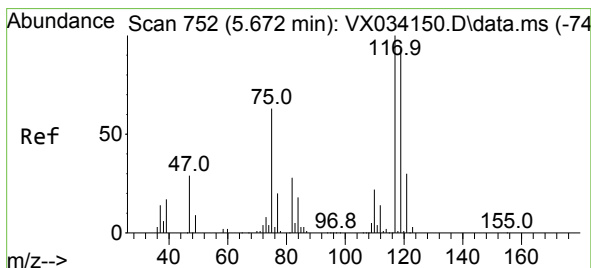
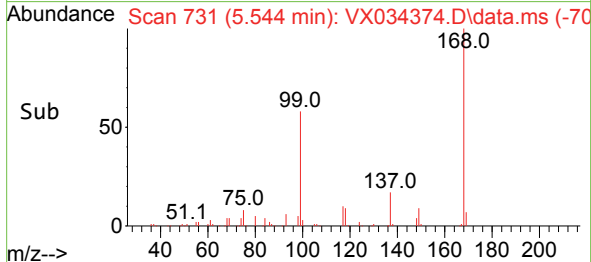
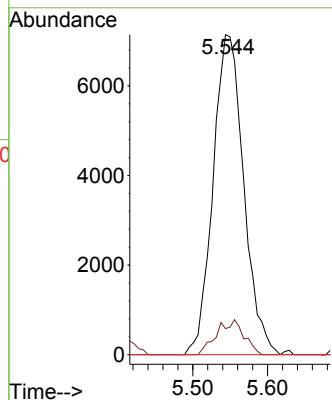
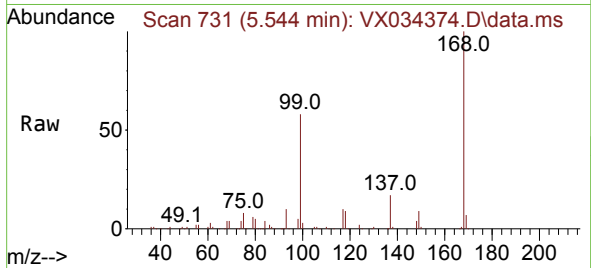




#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

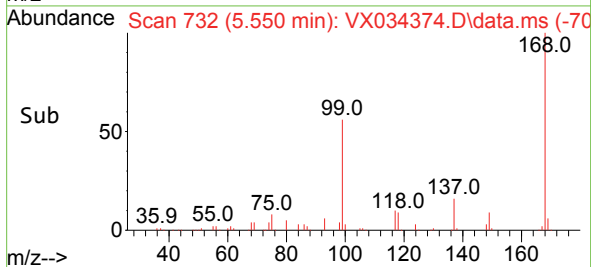
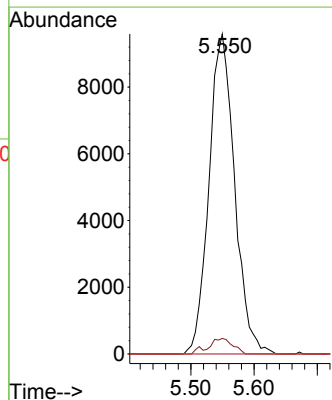
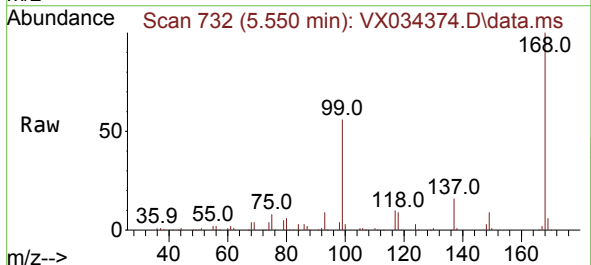
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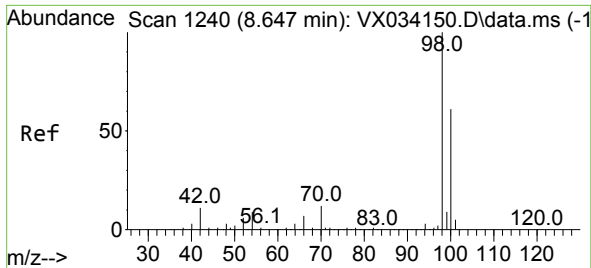
Tgt Ion: 75 Resp: 20352
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.003 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion: 117 Resp: 26989
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 24.4 36.6#

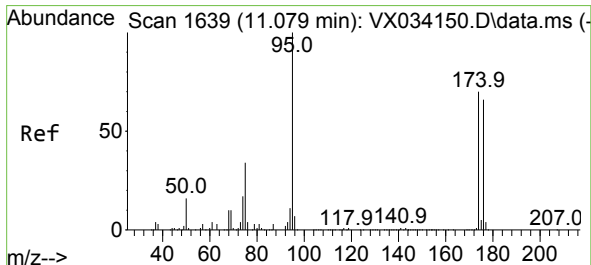
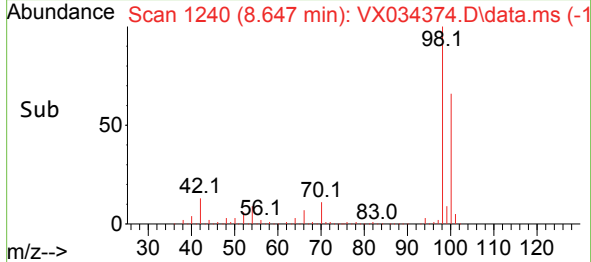
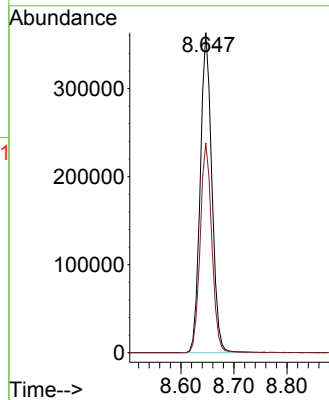
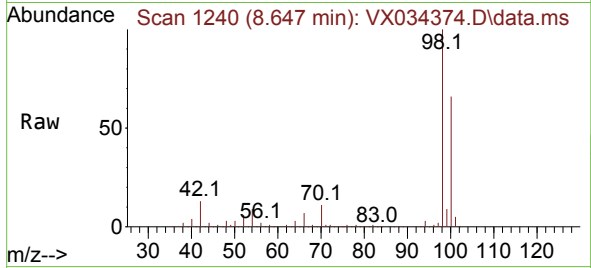




#50
Toluene-d8
Concen: 52.096 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

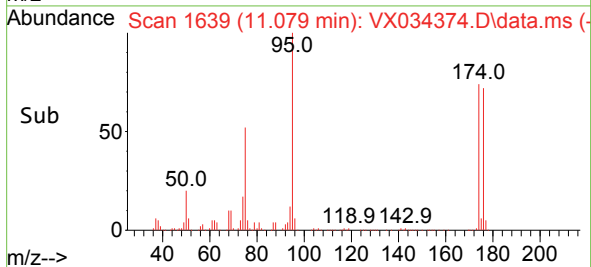
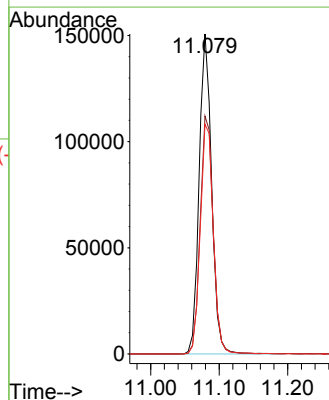
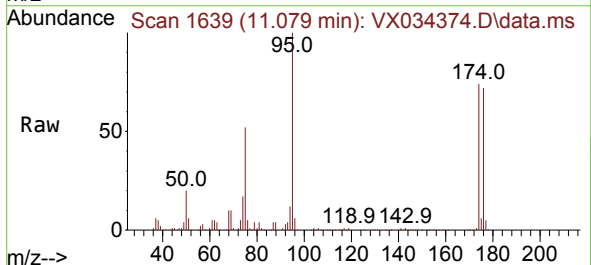
Instrument :
MSVOA_X
ClientSampleId :
VX0308MBL01

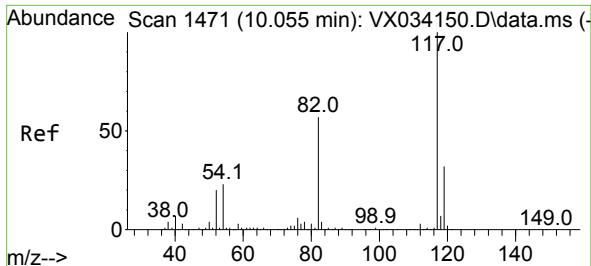
Tgt Ion: 98 Resp: 552562
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion: 95 Resp: 190846
Ion Ratio Lower Upper
95 100
174 77.5 0.0 184.4
176 75.3 0.0 178.8

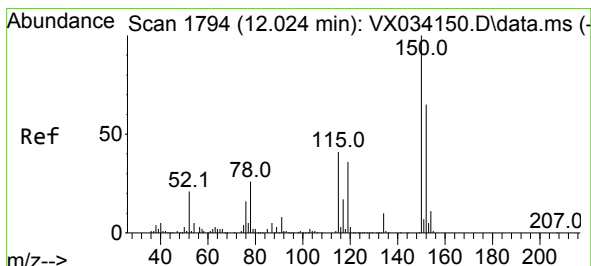
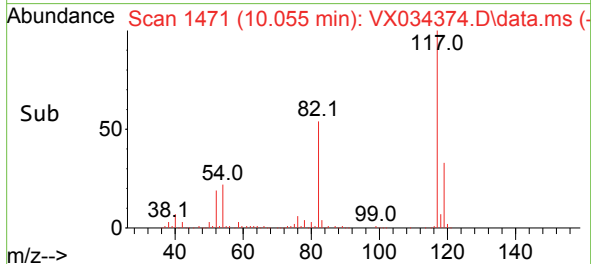
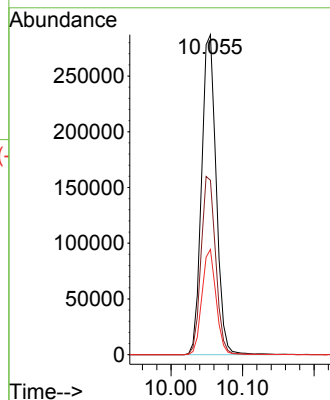
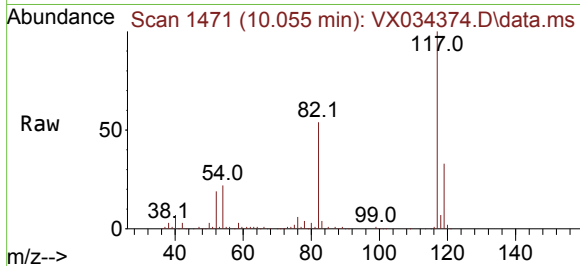




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

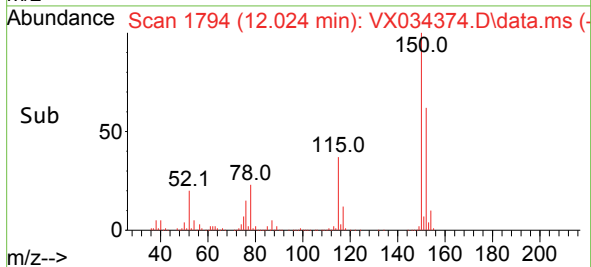
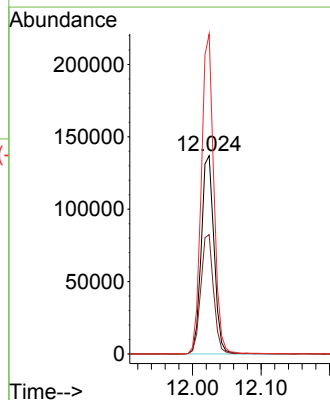
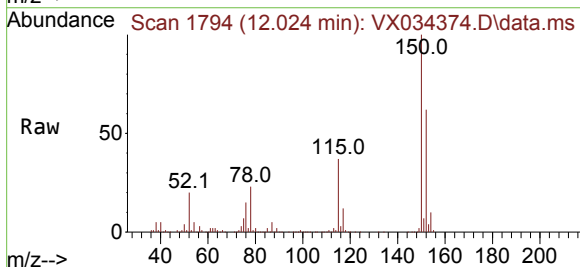
Instrument :
MSVOA_X
ClientSampleId :
VX0308MBL01

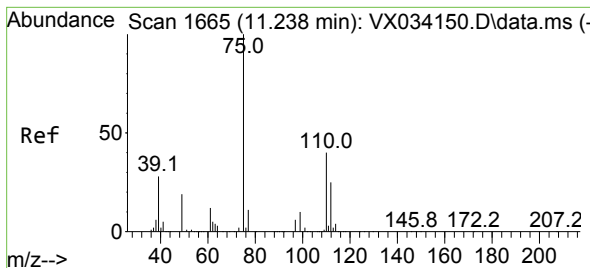
Tgt Ion:117 Resp: 407219
Ion Ratio Lower Upper
117 100
82 54.5 40.6 60.8
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion:152 Resp: 178142
Ion Ratio Lower Upper
152 100
115 60.4 38.7 116.1
150 158.1 0.0 348.2

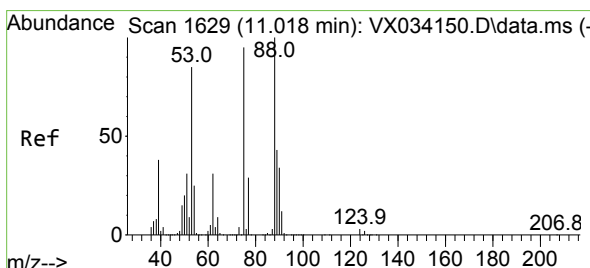
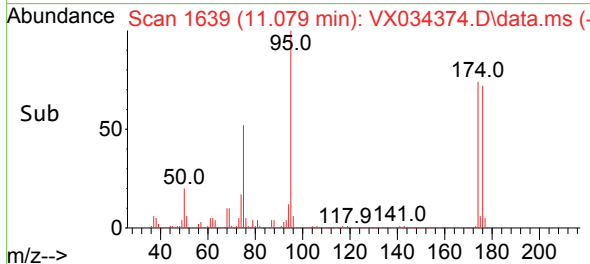
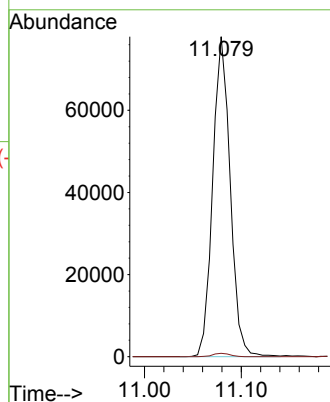
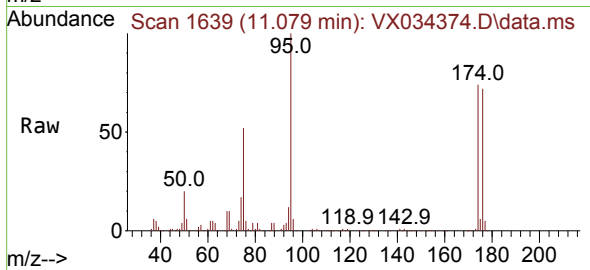




#76
1,2,3-Trichloropropane
Concen: 21.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

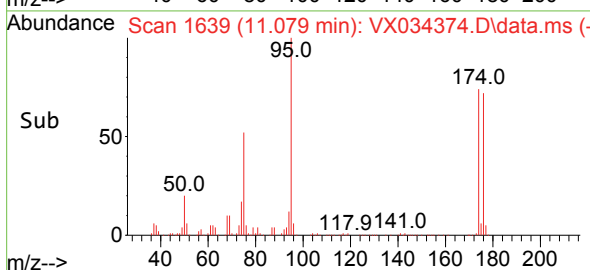
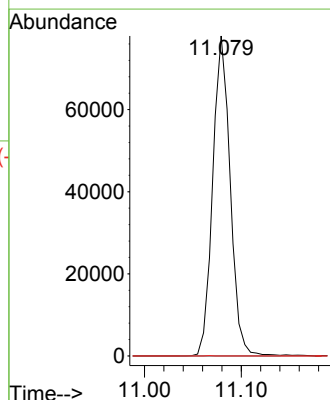
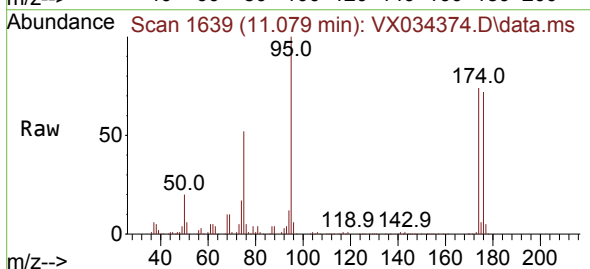
Instrument :
MSVOA_X
ClientSampleId :
VX0308MBL01

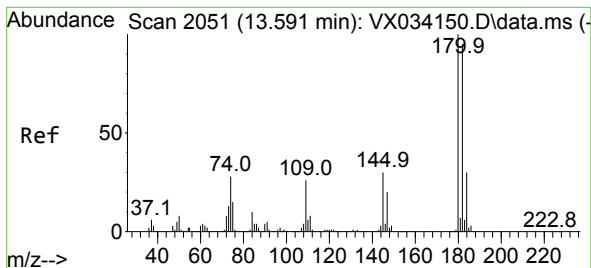
Tgt Ion: 75 Resp: 97850
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.077 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034374.D
Acq: 08 Mar 2023 10:13

Tgt Ion: 75 Resp: 97850
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.286 ug/l

RT: 13.597 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034374.D

Acq: 08 Mar 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBL01

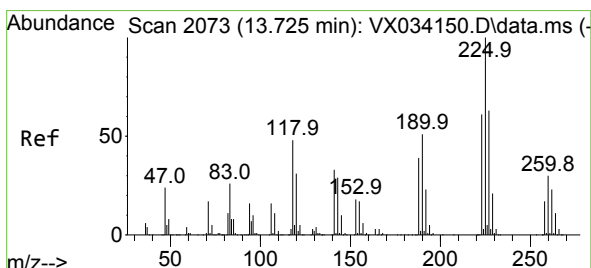
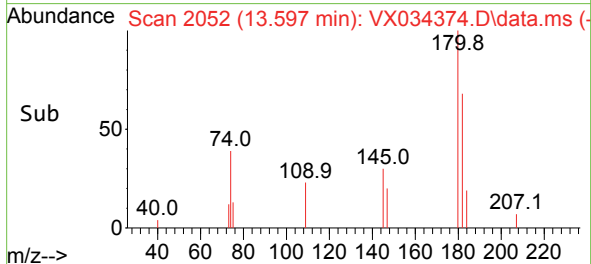
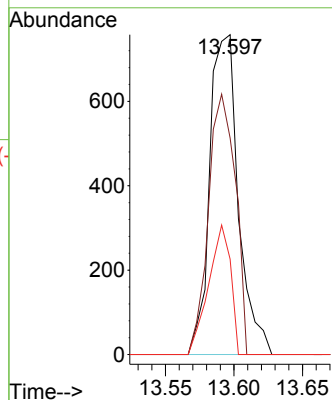
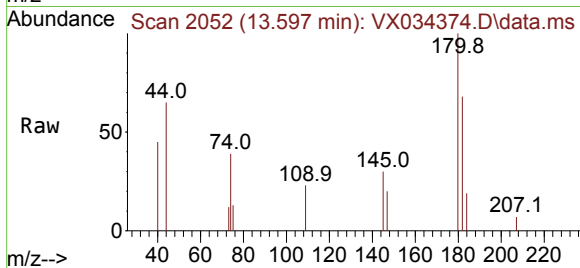
Tgt Ion:180 Resp: 1100

Ion Ratio Lower Upper

180 100

182 76.9 47.9 143.6

145 31.1 14.1 42.2



#94

Hexachlorobutadiene

Concen: 0.903 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034374.D

Acq: 08 Mar 2023 10:13

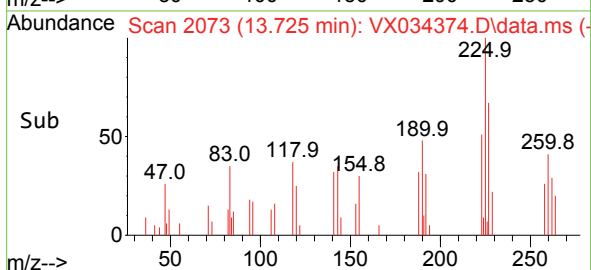
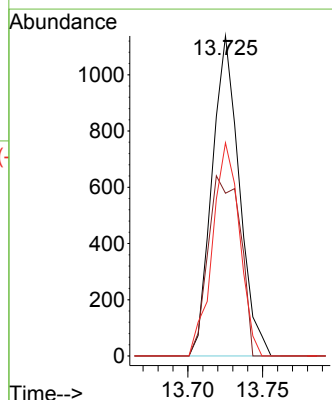
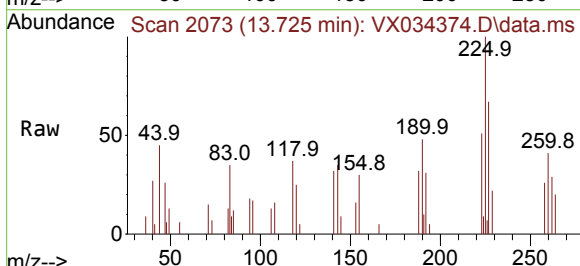
Tgt Ion:225 Resp: 1441

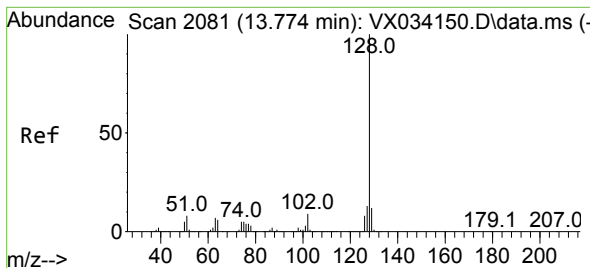
Ion Ratio Lower Upper

225 100

223 66.5 31.3 93.9

227 66.2 32.3 96.9





#95

Naphthalene

Concen: 0.285 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034374.D

Acq: 08 Mar 2023 10:13

Instrument :

MSVOA_X

ClientSampleId :

VX0308MBL01

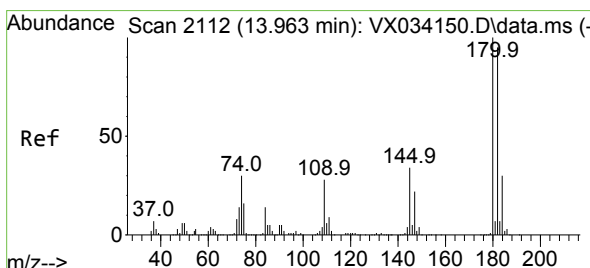
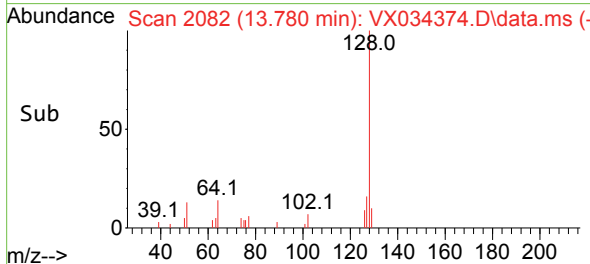
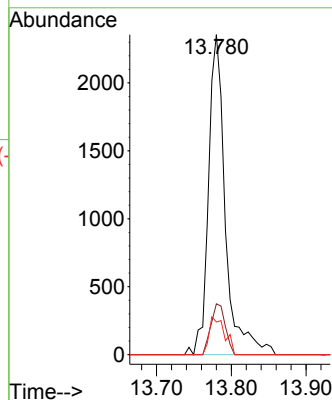
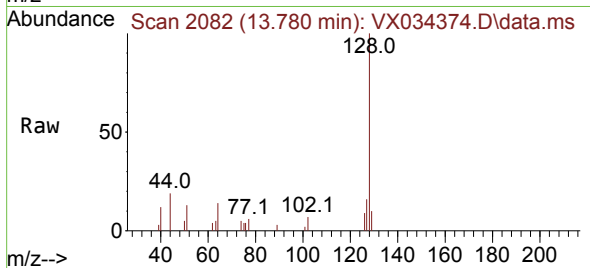
Tgt Ion:128 Resp: 3698

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.277 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034374.D

Acq: 08 Mar 2023 10:13

Tgt Ion:180 Resp: 1057

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 28.0 15.1 45.3

