

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038053.D
 Acq On : 04 Oct 2023 10:21
 Operator : JC/MD
 Sample : VX1004MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 00:57:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

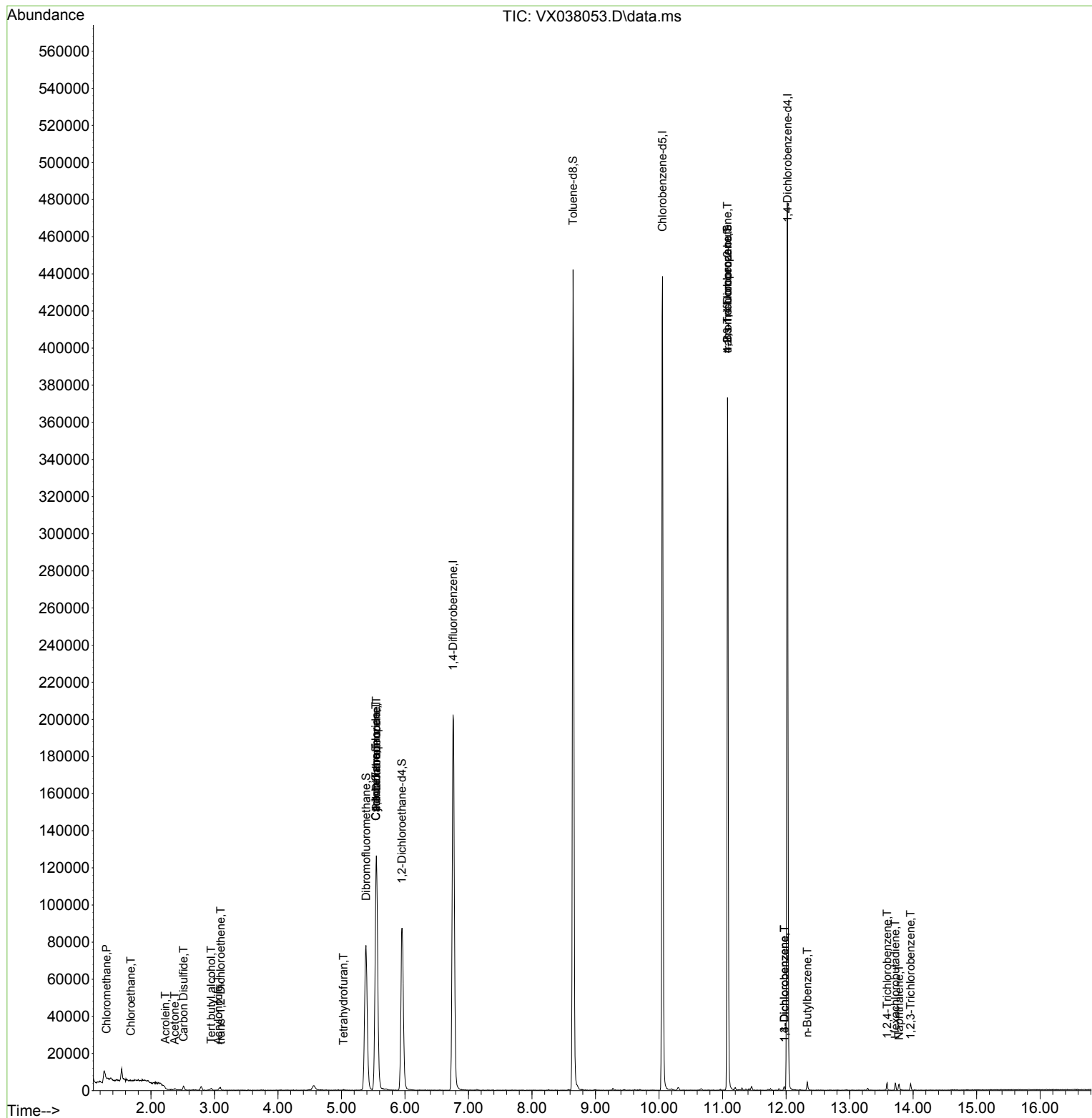
Internal Standards						
1) Pentafluorobenzene	5.550	168	116447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85908	47.414	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.820%		
35) Dibromofluoromethane	5.385	113	66484	46.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	8.647	98	257852	47.390	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.780%		
62) 4-Bromofluorobenzene	11.079	95	91422	46.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.340%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	672	0.440	ug/l #	43
6) Chloroethane	1.684	64	330	0.319	ug/l #	43
11) Tert butyl alcohol	2.946	59	695	1.708	ug/l #	78
13) Acrolein	2.227	56	167	0.717	ug/l #	75
15) Acrylonitrile	3.062	53	604	0.714	ug/l #	33
16) Acetone	2.373	43	800	1.005	ug/l #	37
17) Carbon Disulfide	2.513	76	2357	0.756	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	406	0.306	ug/l #	59
29) Tetrahydrofuran	5.031	42	218	0.269	ug/l #	34
31) Cyclohexane	5.543	56	2995	1.414	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	10341	4.935	ug/l #	50
38) Carbon Tetrachloride	5.543	117	12495	6.128	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	51661	23.190	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51661	78.318	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	792	0.247	ug/l	89
88) 1,4-Dichlorobenzene	11.975	146	792	0.236	ug/l	90
89) n-Butylbenzene	12.335	91	1611	0.275	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1048	0.495	ug/l	96
94) Hexachlorobutadiene	13.719	225	620	0.686	ug/l	93
95) Naphthalene	13.780	128	2643	0.370	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1005	0.491	ug/l	93

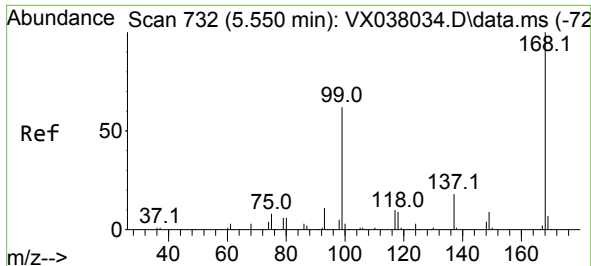
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 05 00:57:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration

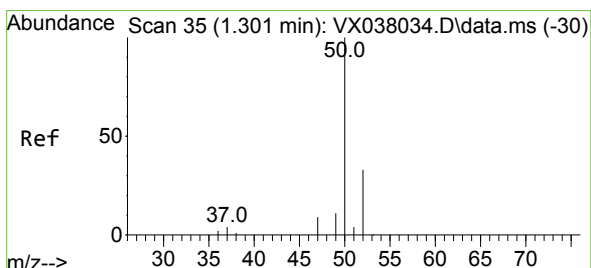
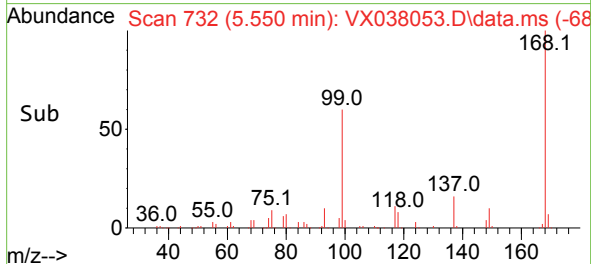
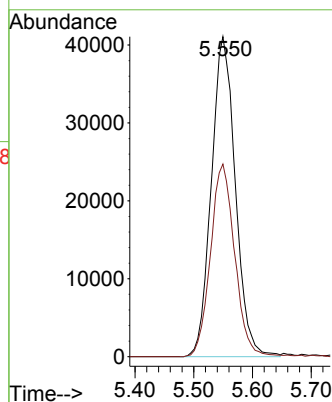
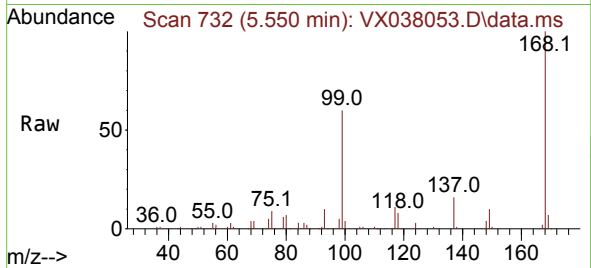




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

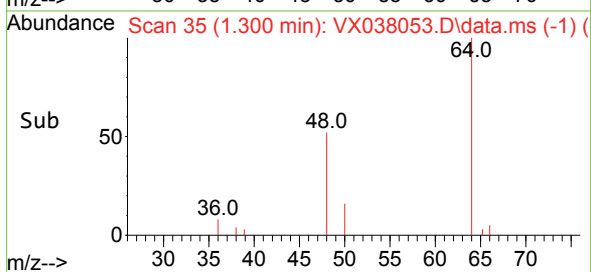
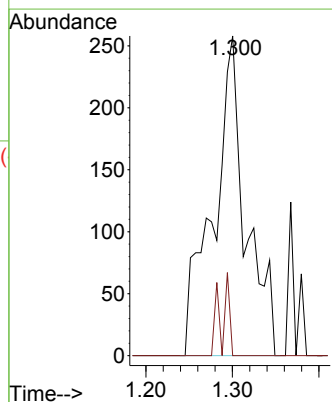
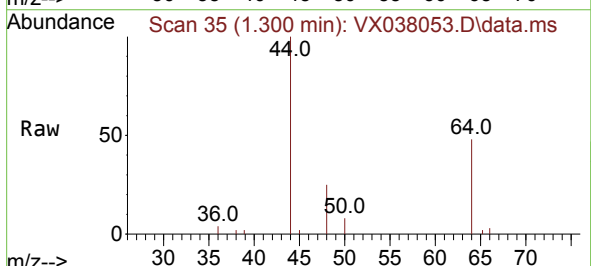
Instrument :
MSVOA_X
ClientSampleId :

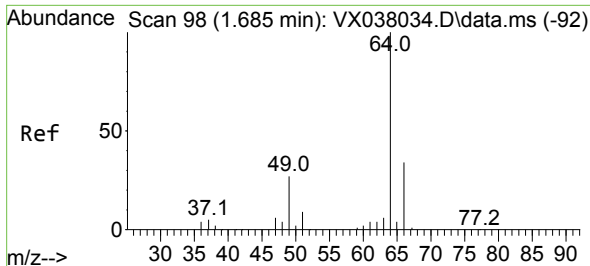
Tgt Ion:168 Resp: 116447
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#3
Chloromethane
Concen: 0.440 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

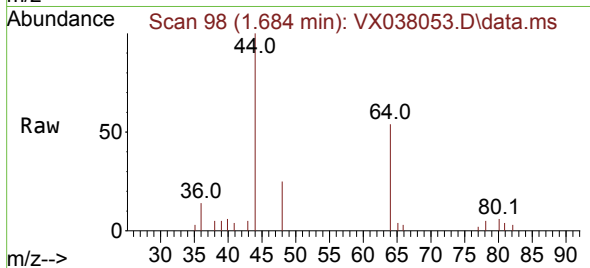
Tgt Ion: 50 Resp: 672
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



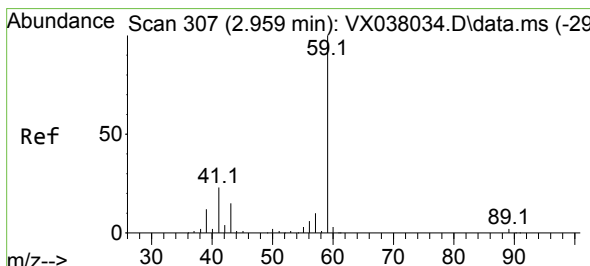
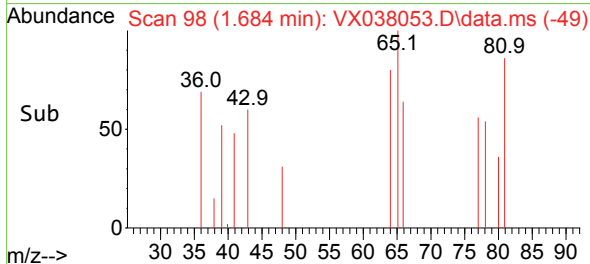
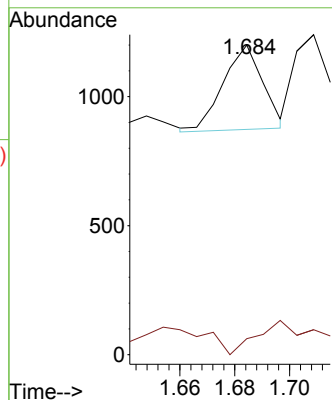


#6
Chloroethane
Concen: 0.319 ug/l
RT: 1.684 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :

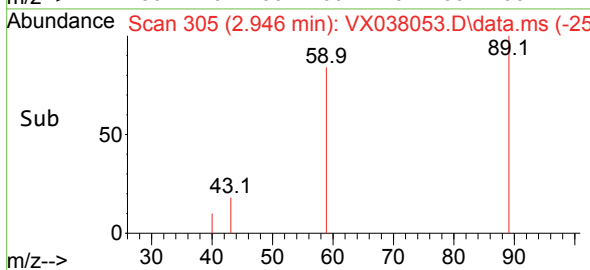
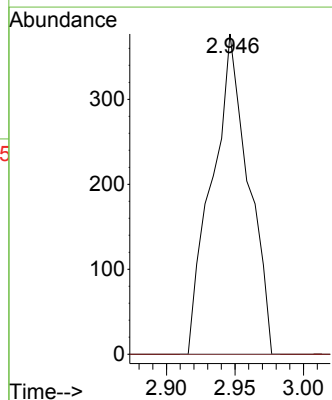
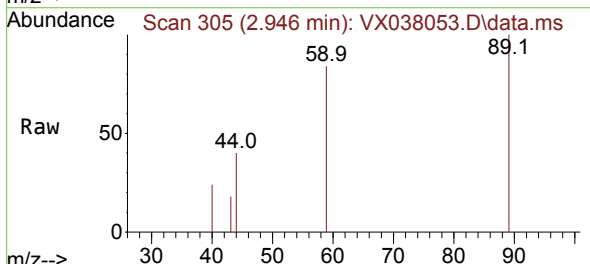


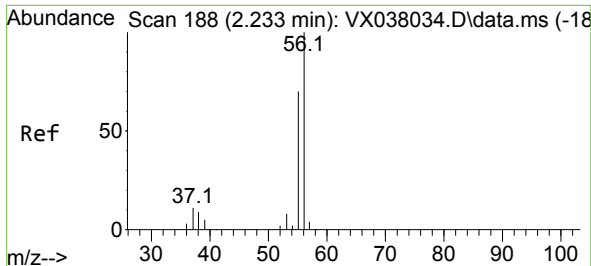
Tgt Ion: 64 Resp: 330
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.708 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Tgt Ion: 59 Resp: 695
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

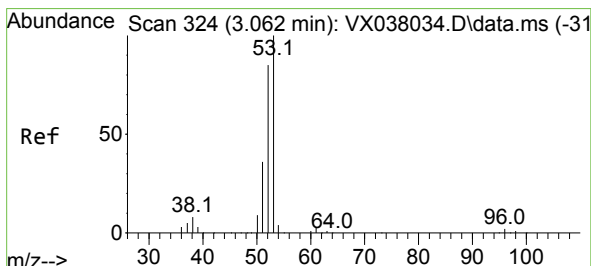
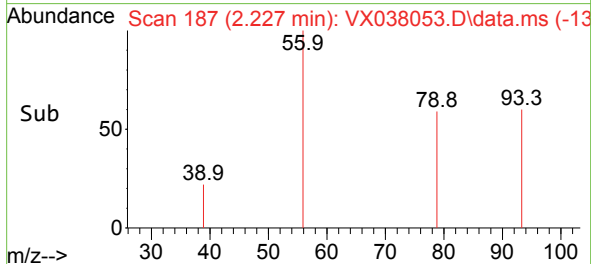
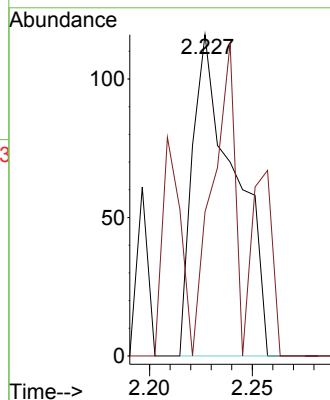
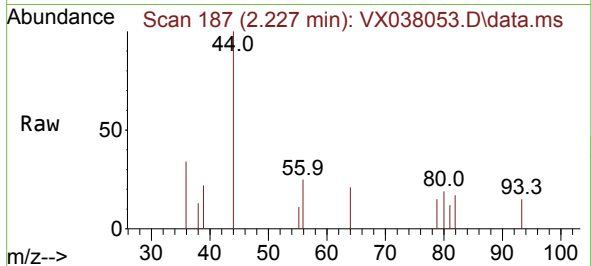




#13
Acrolein
Concen: 0.717 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

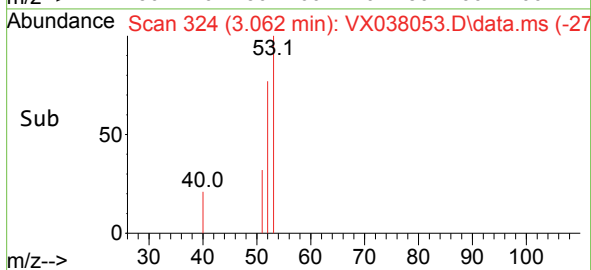
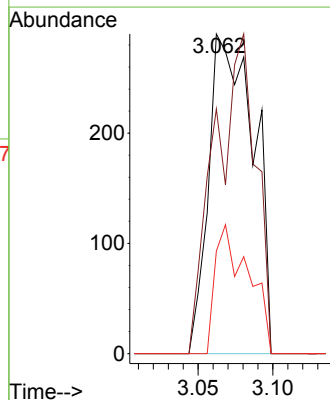
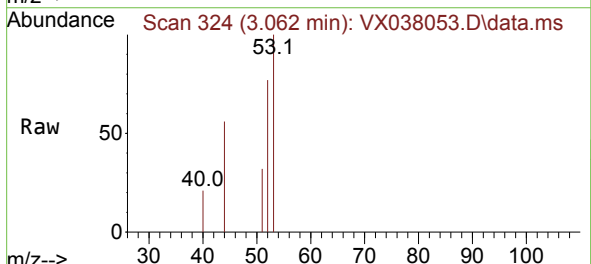
Instrument :
MSVOA_X
ClientSampleId :

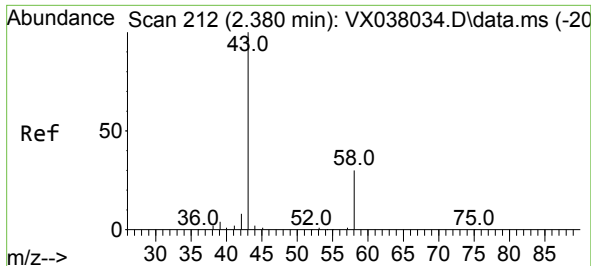
Tgt Ion: 56 Resp: 167
Ion Ratio Lower Upper
56 100
55 50.9 57.1 85.7#



#15
Acrylonitrile
Concen: 0.714 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Tgt Ion: 53 Resp: 604
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 29.8 29.8 44.6

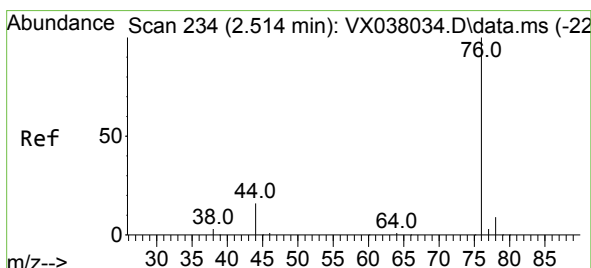
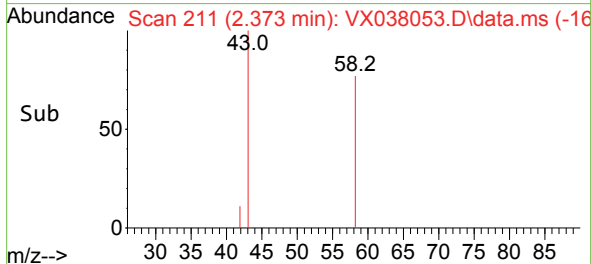
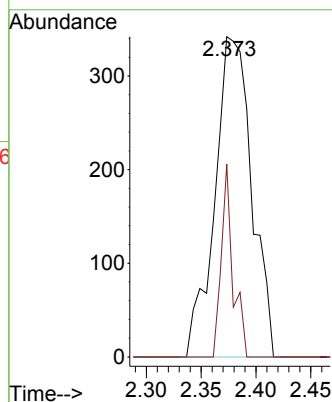
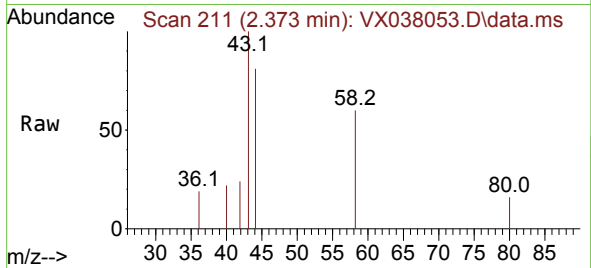




#16
Acetone
Concen: 1.005 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

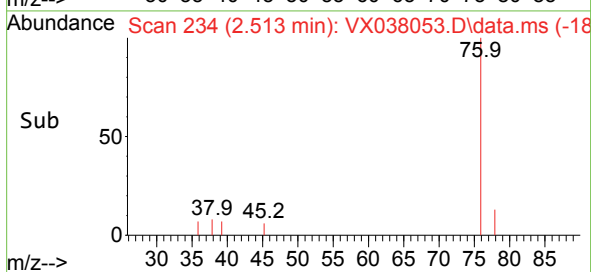
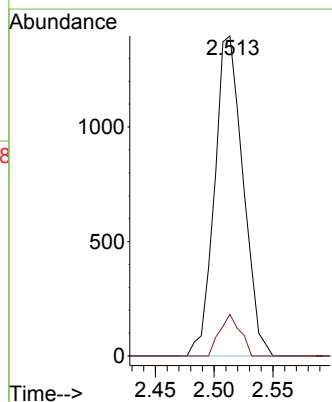
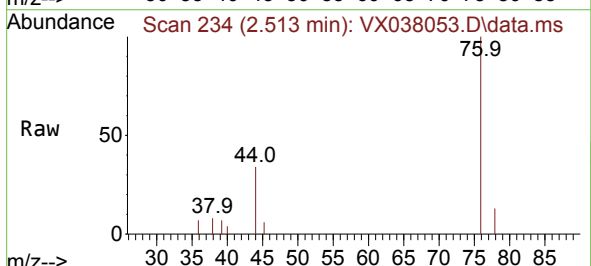
Instrument :
MSVOA_X
ClientSampleId :

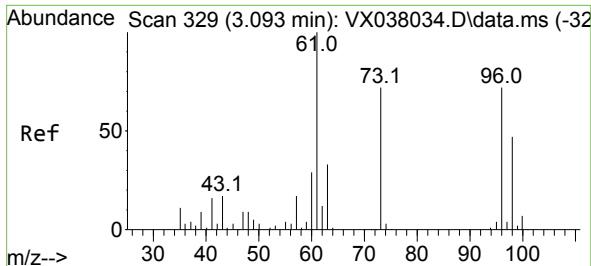
Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
58 60.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.756 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

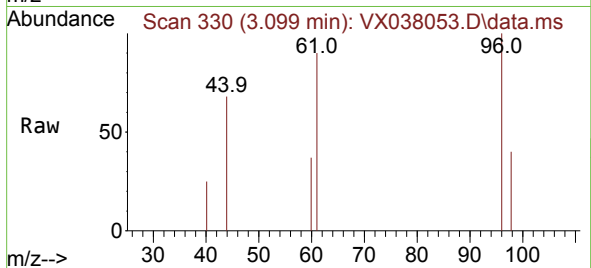
Tgt Ion: 76 Resp: 2357
Ion Ratio Lower Upper
76 100
78 13.0 7.0 10.6#



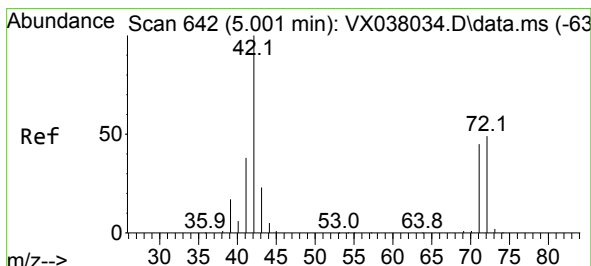
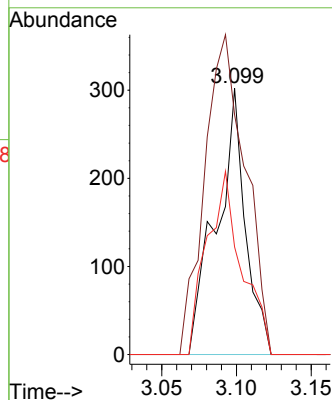
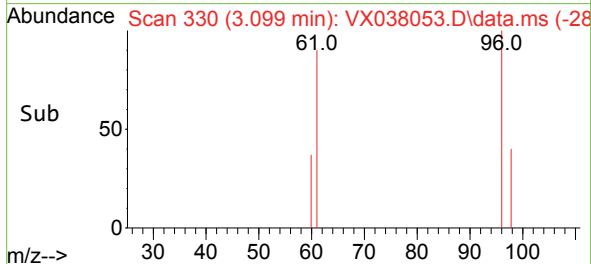


#21
trans-1,2-Dichloroethene
Concen: 0.306 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

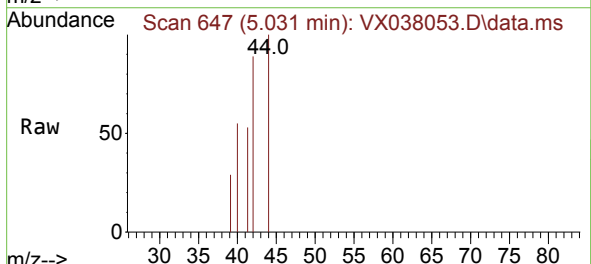
Instrument :
MSVOA_X
ClientSampleId :



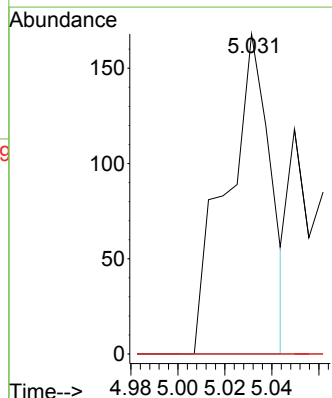
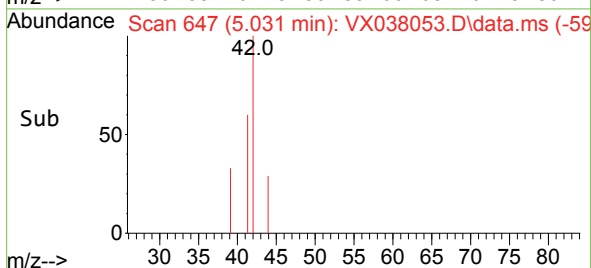
Tgt Ion: 96 Resp: 406
Ion Ratio Lower Upper
96 100
61 90.1 119.2 178.8#
98 40.4 48.7 73.1#

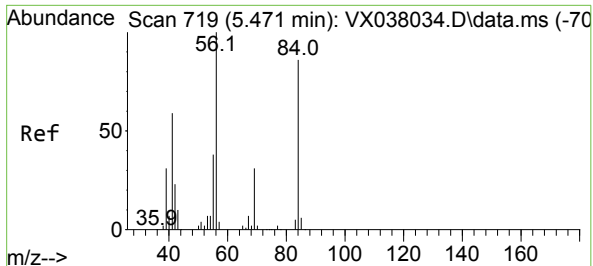


#29
Tetrahydrofuran
Concen: 0.269 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21



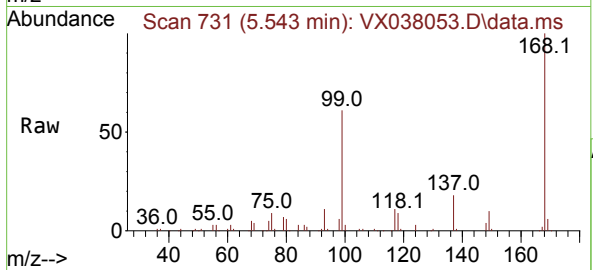
Tgt Ion: 42 Resp: 218
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



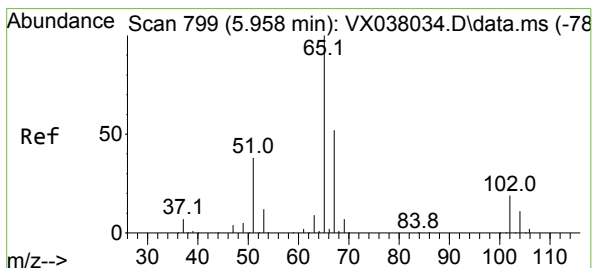
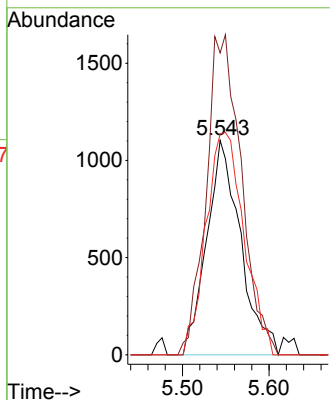
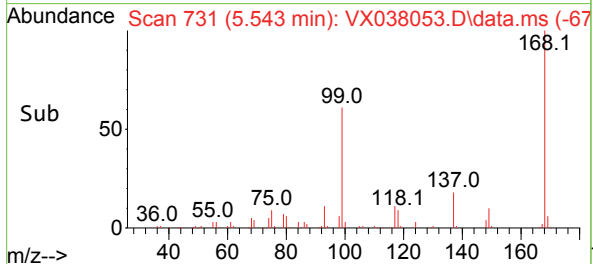


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :

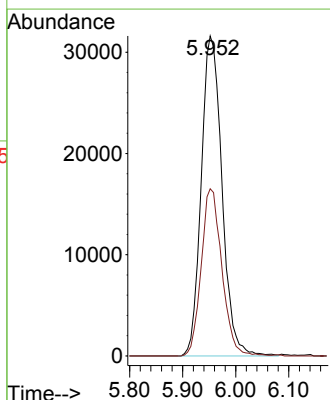
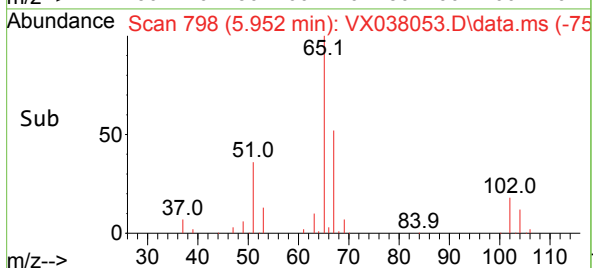
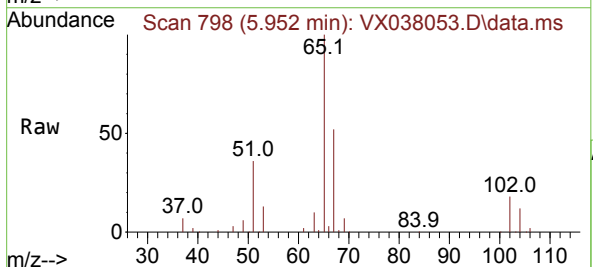


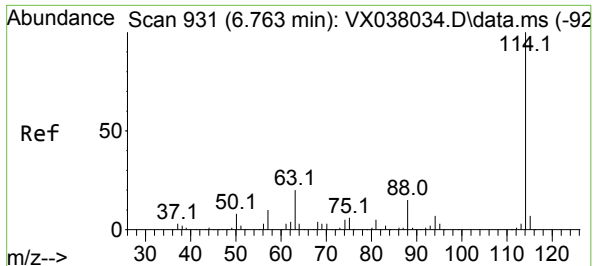
Tgt Ion: 56 Resp: 2995
Ion Ratio Lower Upper
56 100
69 140.8 23.4 35.2#
84 103.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.414 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Tgt Ion: 65 Resp: 85908
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

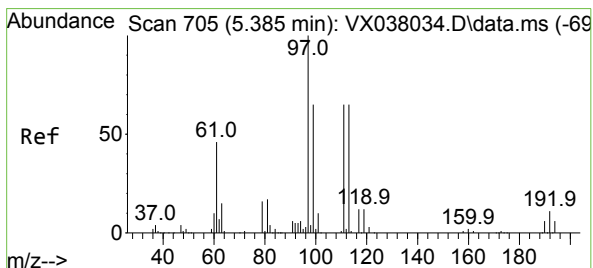
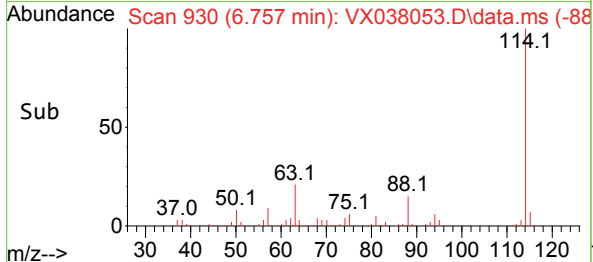
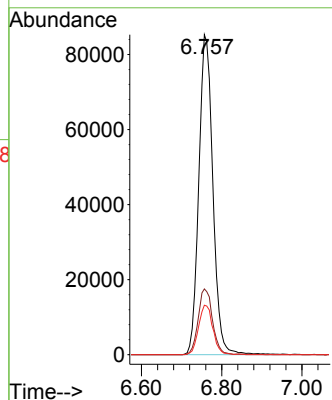
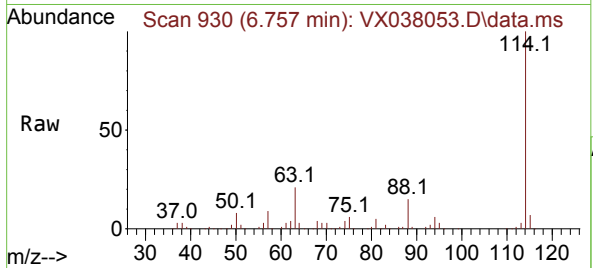




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

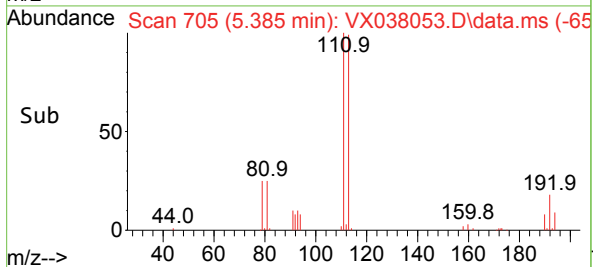
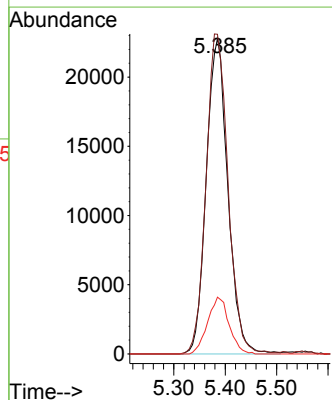
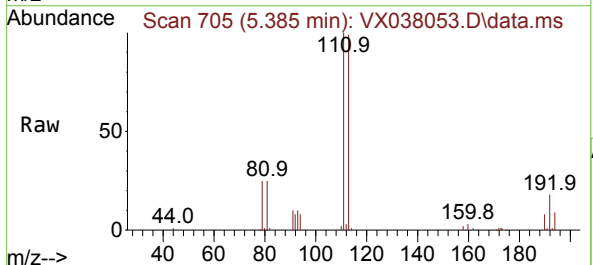
Instrument :
MSVOA_X
ClientSampleId :

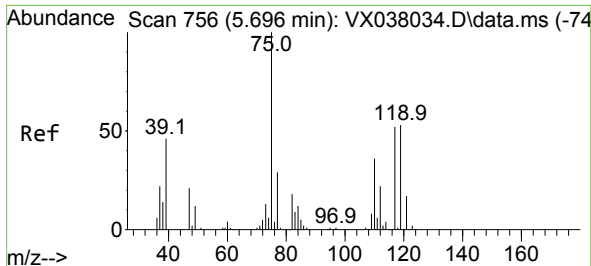
Tgt Ion:114 Resp: 207242
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.762 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

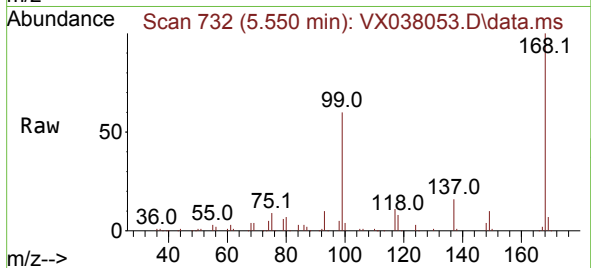
Tgt Ion:113 Resp: 66484
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.9 13.3 19.9



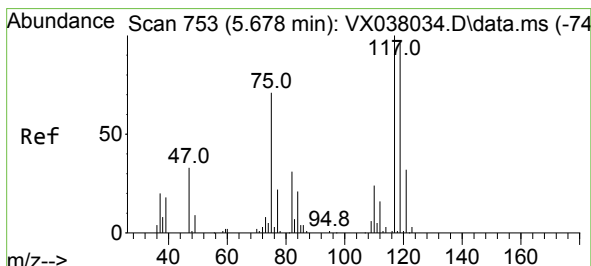
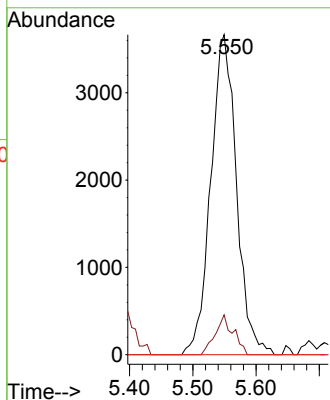
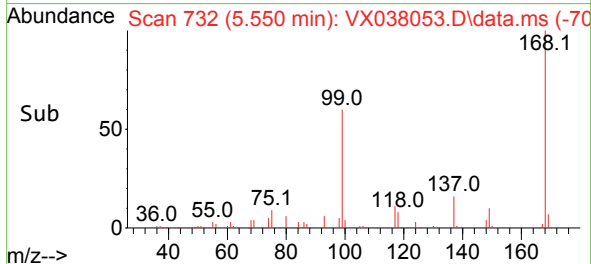


#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :

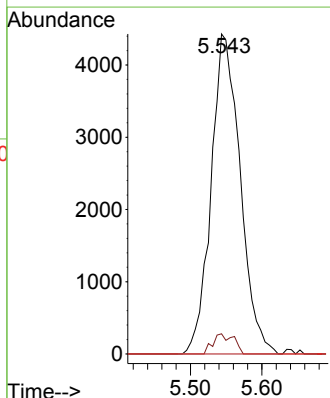
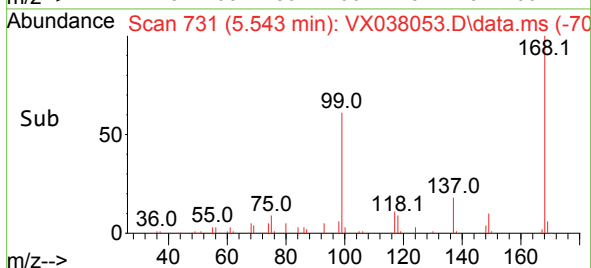
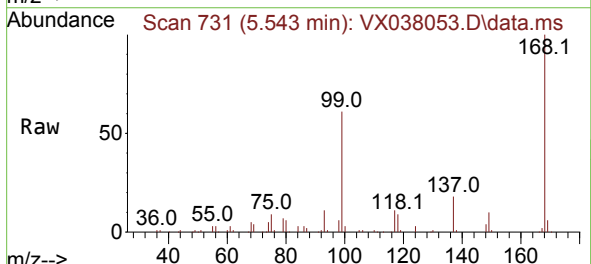


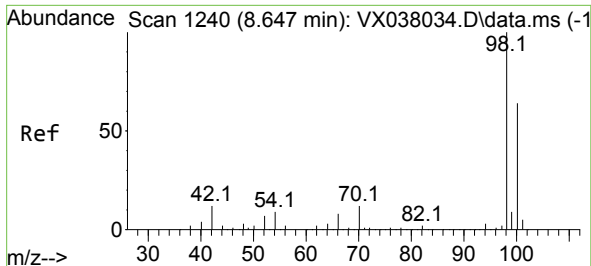
Tgt Ion: 75 Resp: 10341
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

Tgt Ion: 117 Resp: 12495
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#

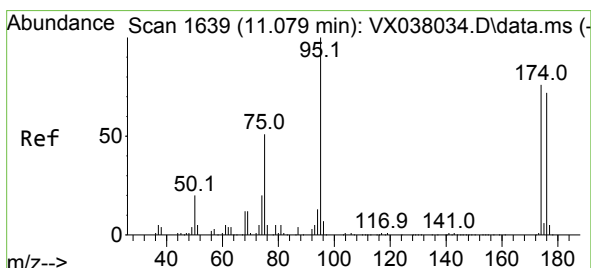
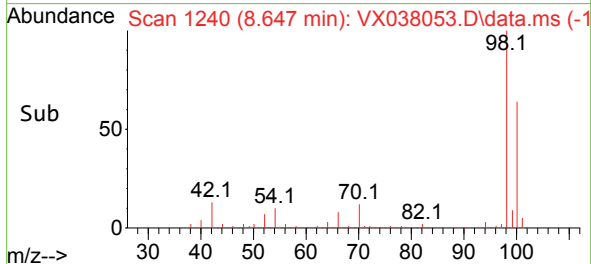
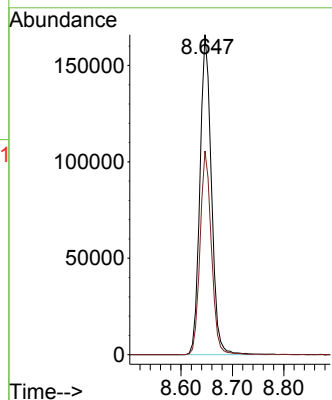
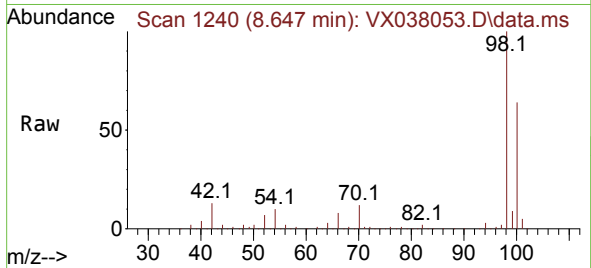




#50
Toluene-d8
Concen: 47.390 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

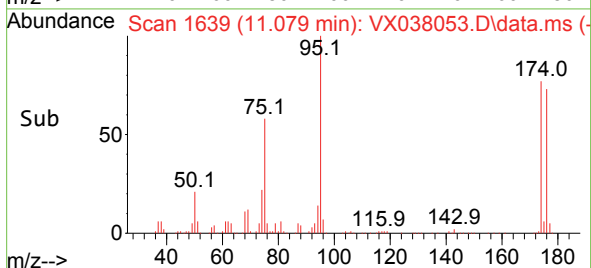
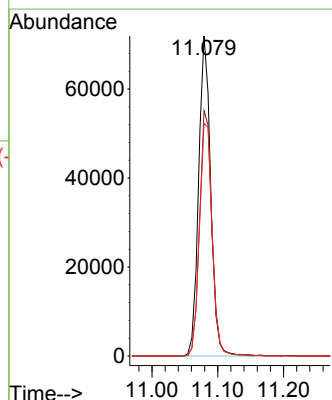
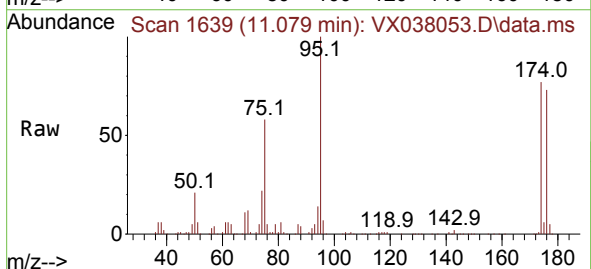
Instrument :
MSVOA_X
ClientSampleId :

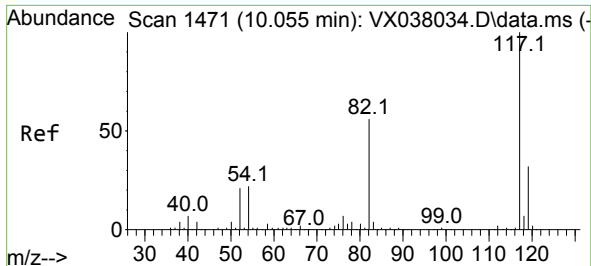
Tgt Ion: 98 Resp: 257852
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

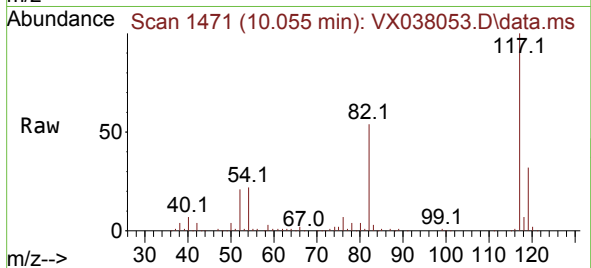
Tgt Ion: 95 Resp: 91422
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 76.7 0.0 131.0



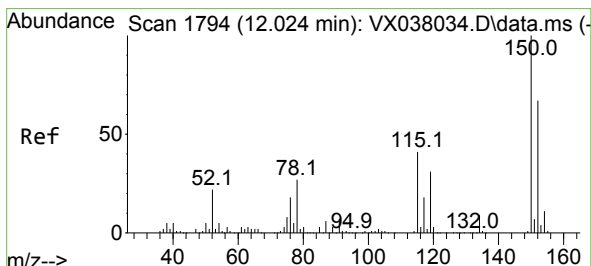
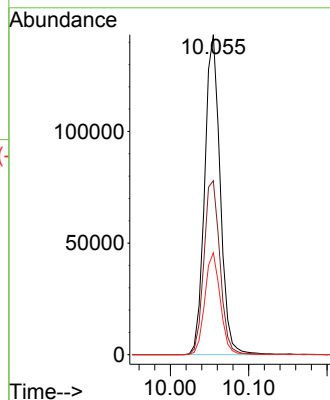
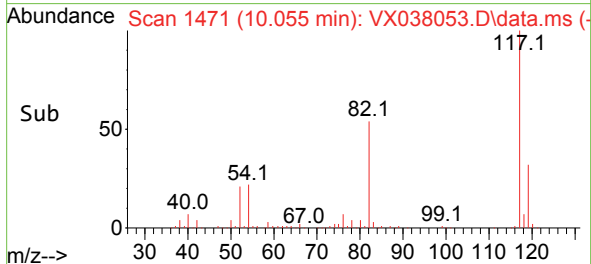


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

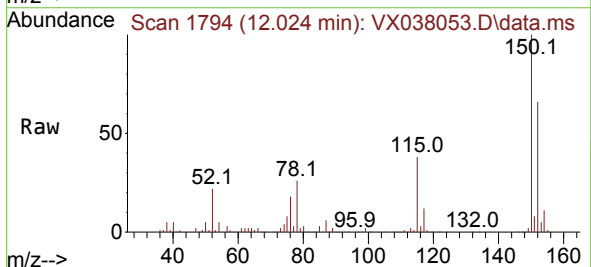
Instrument :
MSVOA_X
ClientSampleId :



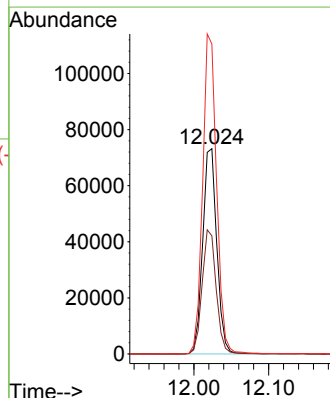
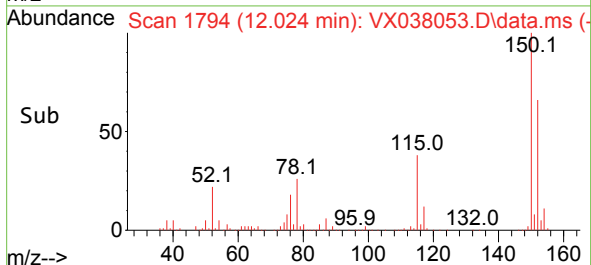
Tgt Ion:117 Resp: 196936
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 31.9 25.5 38.3

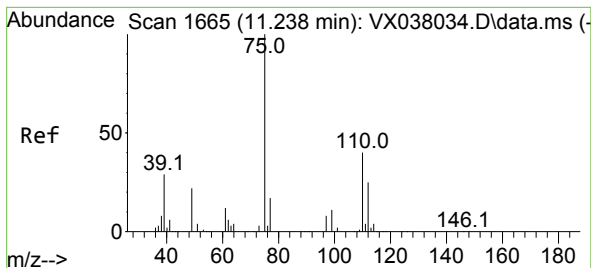


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21



Tgt Ion:152 Resp: 96168
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.9
150 153.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038053.D

Acq: 04 Oct 2023 10:21

Instrument :

MSVOA_X

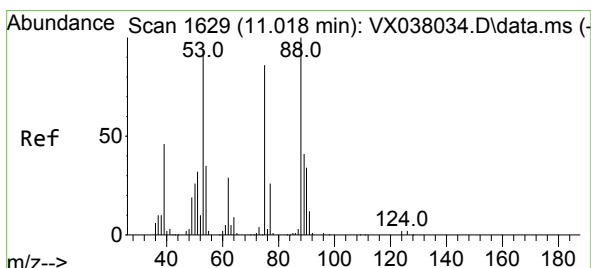
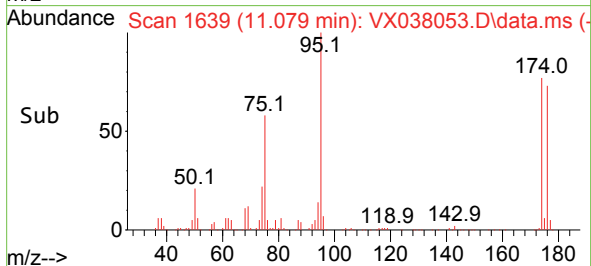
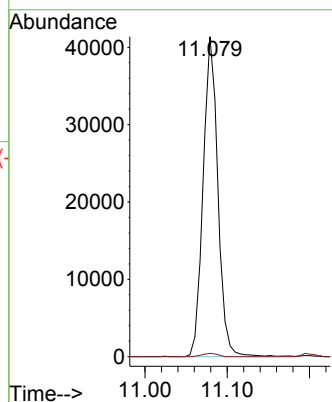
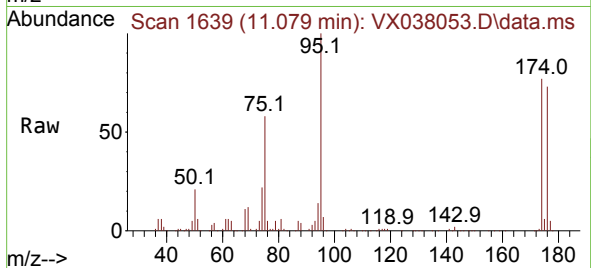
ClientSampleId :

Tgt Ion: 75 Resp: 51661

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.318 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038053.D

Acq: 04 Oct 2023 10:21

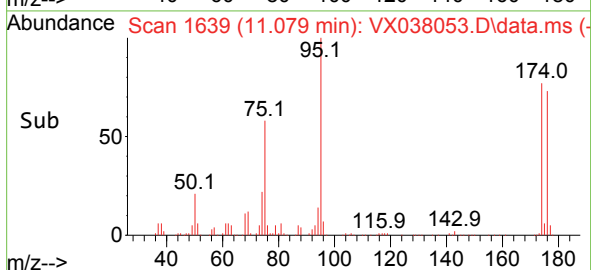
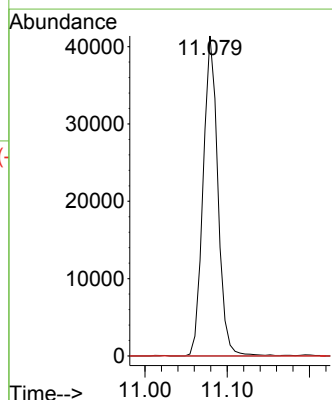
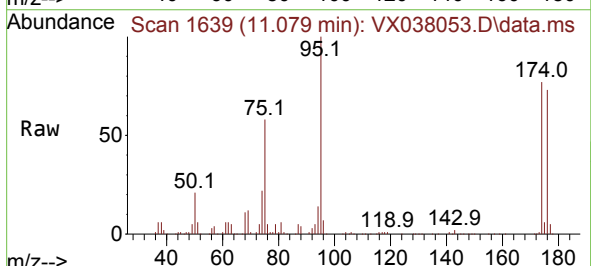
Tgt Ion: 75 Resp: 51661

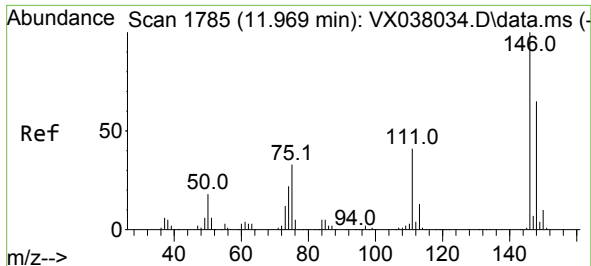
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.247 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX038053.D

Acq: 04 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

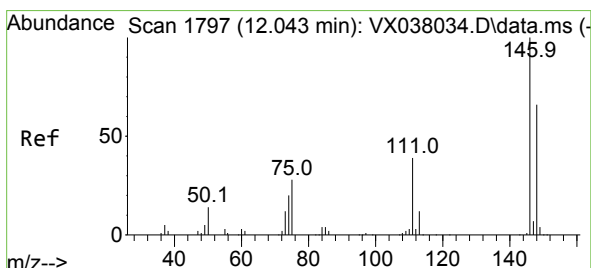
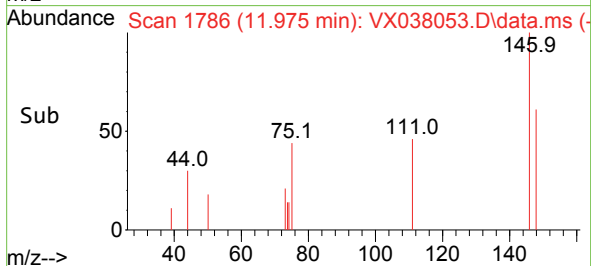
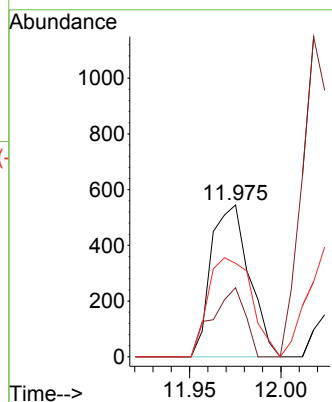
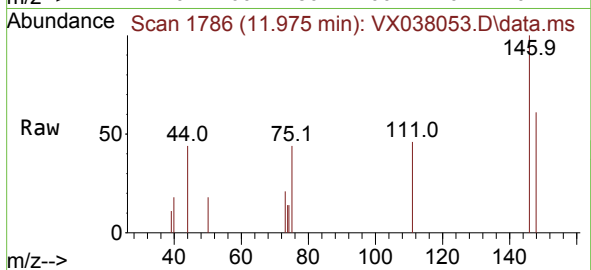
Tgt Ion:146 Resp: 792

Ion Ratio Lower Upper

146 100

111 39.4 22.1 66.1

148 74.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.236 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX038053.D

Acq: 04 Oct 2023 10:21

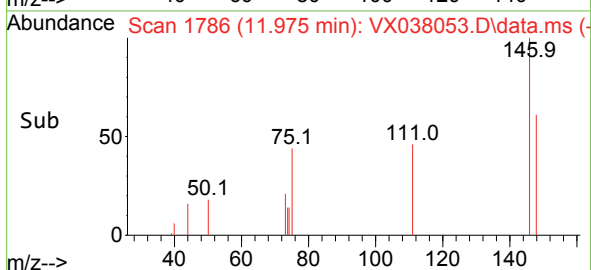
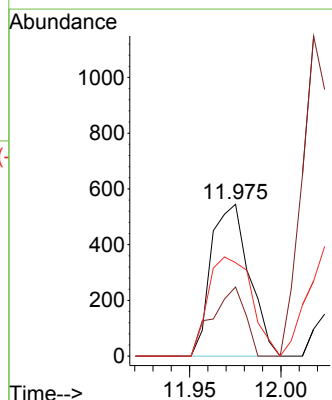
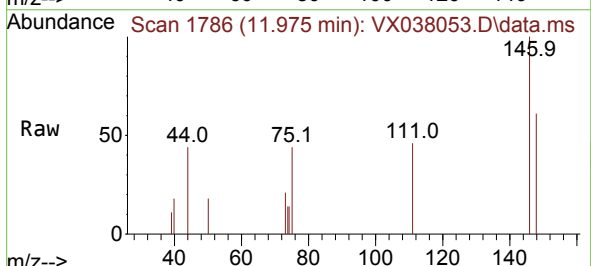
Tgt Ion:146 Resp: 792

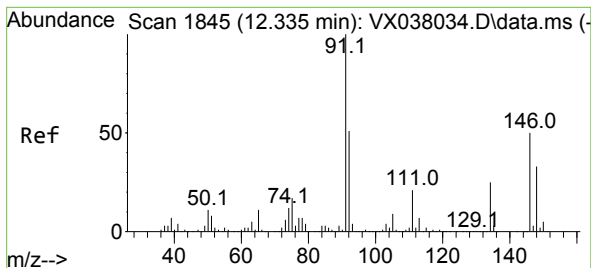
Ion Ratio Lower Upper

146 100

111 39.4 21.3 63.7

148 74.5 31.8 95.4

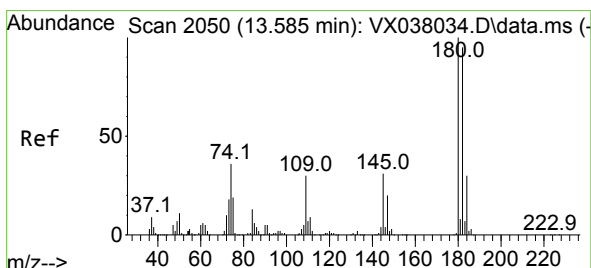
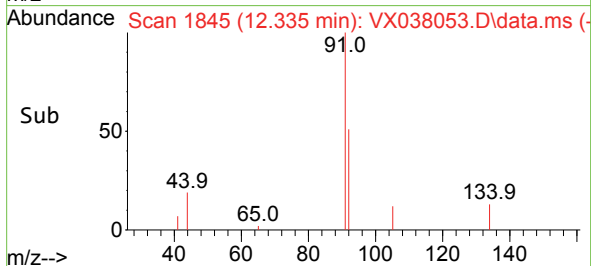
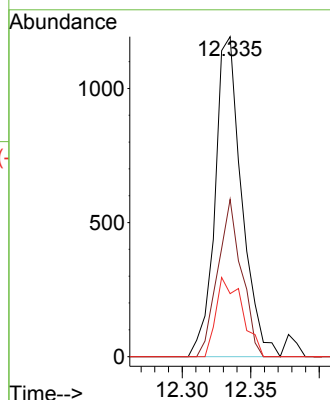
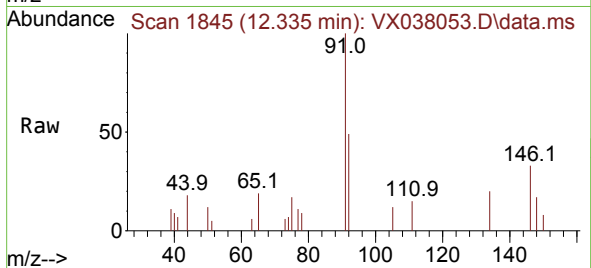




#89
n-Butylbenzene
Concen: 0.275 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

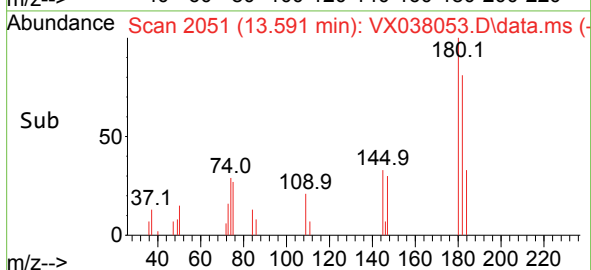
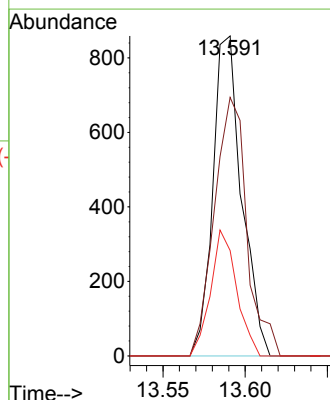
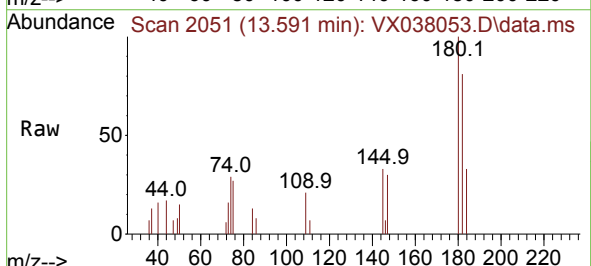
Instrument :
MSVOA_X
ClientSampleId :

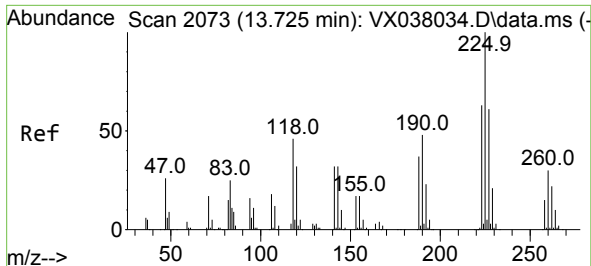
Tgt Ion: 91	Resp:	1611
Ion	Ratio	Lower Upper
91	100	
92	44.0	27.4 82.0
134	24.3	12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.495 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

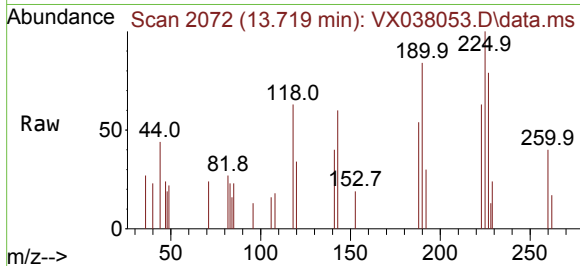
Tgt Ion: 180	Resp:	1048
Ion	Ratio	Lower Upper
180	100	
182	90.9	48.3 144.8
145	35.5	18.0 54.0



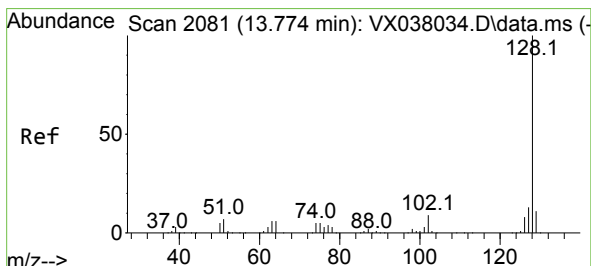
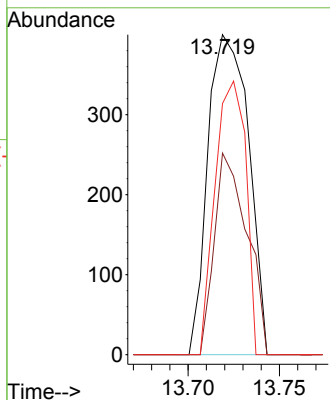
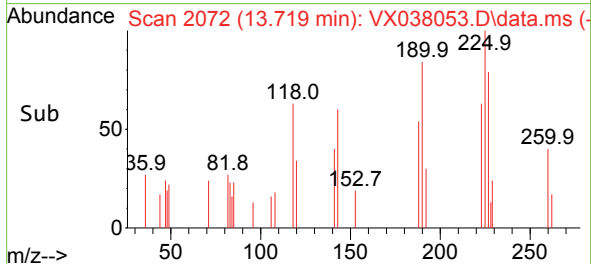


#94
Hexachlorobutadiene
Concen: 0.686 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21

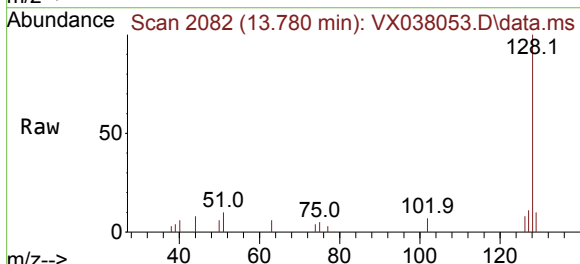
Instrument :
MSVOA_X
ClientSampleId :



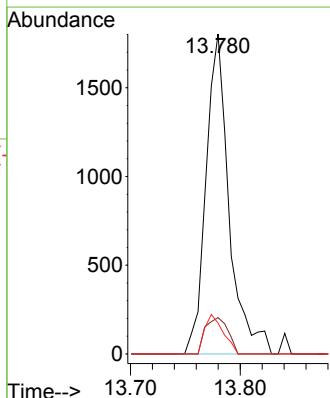
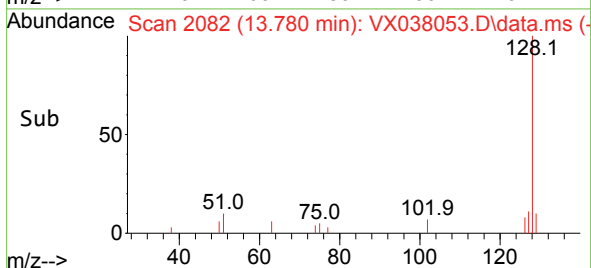
Tgt Ion:225 Resp: 620
Ion Ratio Lower Upper
225 100
223 50.8 31.1 93.2
227 64.5 32.5 97.5

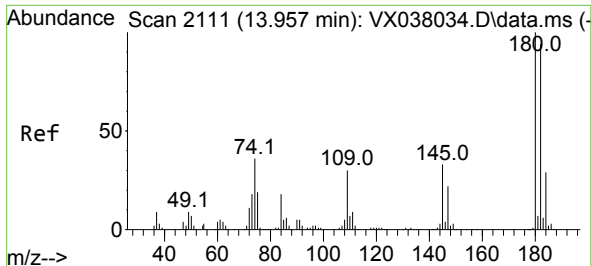


#95
Naphthalene
Concen: 0.370 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038053.D
Acq: 04 Oct 2023 10:21



Tgt Ion:128 Resp: 2643
Ion Ratio Lower Upper
128 100
127 11.1 10.3 15.5
129 9.8 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.491 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

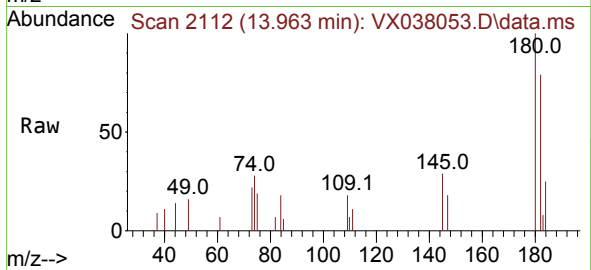
Lab File: VX038053.D

Acq: 04 Oct 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1005

Ion Ratio Lower Upper

180 100

182 89.7 46.9 140.6

145 27.3 17.8 53.5

