

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034337.D
 Acq On : 06 Mar 2023 10:11
 Operator : JC/MD
 Sample : VX0306MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306MBL01

Quant Time: Mar 07 00:34:07 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

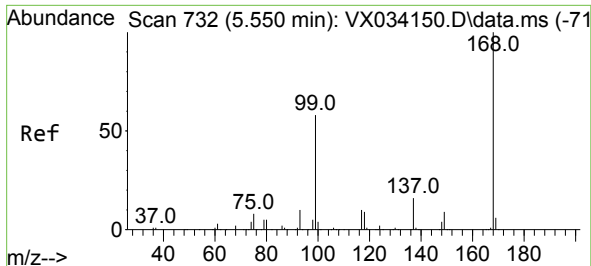
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	273805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172171	46.690	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.380%		
35) Dibromofluoromethane	5.385	113	148790	49.208	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	8.647	98	559489	51.537	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.080%		
62) 4-Bromofluorobenzene	11.079	95	193007	46.480	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.960%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	48	Below Cal	#	3
11) Tert butyl alcohol	2.953	59	740	0.897	ug/l #	86
13) Acrolein	2.233	56	437	1.161	ug/l #	14
15) Acrylonitrile	3.062	53	918	0.510	ug/l	95
16) Acetone	2.380	43	1154	0.607	ug/l	95
17) Carbon Disulfide	2.508	76	4036	0.474	ug/l #	94
21) trans-1,2-Dichloroethene	3.087	96	648	0.209	ug/l	86
31) Cyclohexane	5.544	56	6010	1.092	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	20862	4.665	ug/l #	49
38) Carbon Tetrachloride	5.544	117	26747	5.813	ug/l #	17
59) 2-Hexanone	9.445	43	852	0.230	ug/l #	41
76) 1,2,3-Trichloropropane	11.079	75	97345	21.619	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97345	55.537	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1424	0.368	ug/l	89
94) Hexachlorobutadiene	13.725	225	1386	0.865	ug/l	98
95) Naphthalene	13.780	128	4943	0.380	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1516	0.395	ug/l	100

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

Quant Time: Mar 07 00:34:07 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

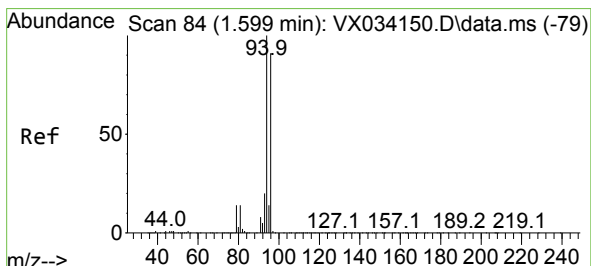
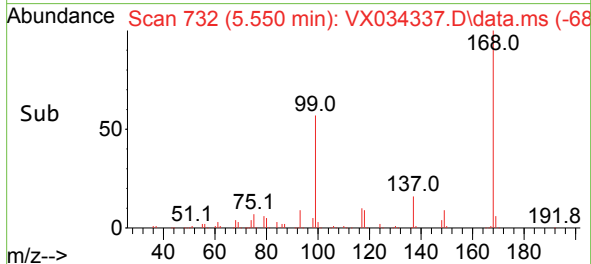
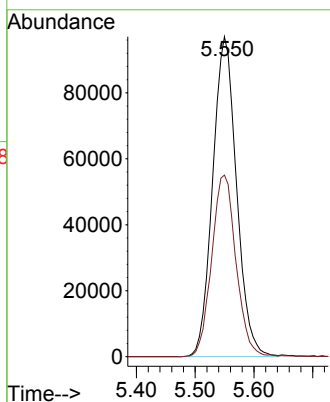
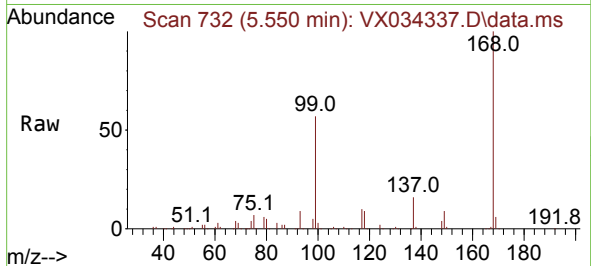




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

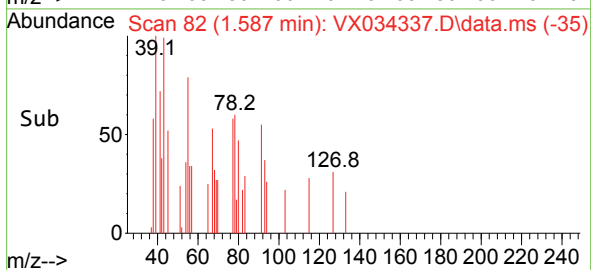
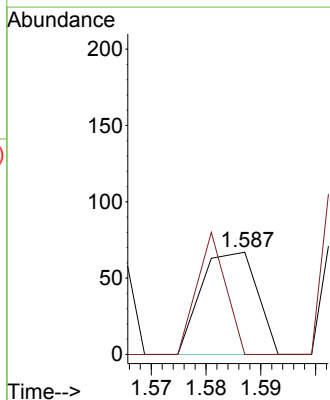
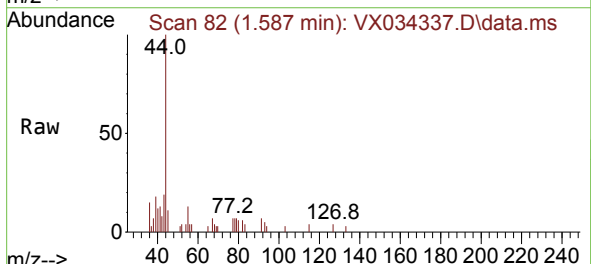
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

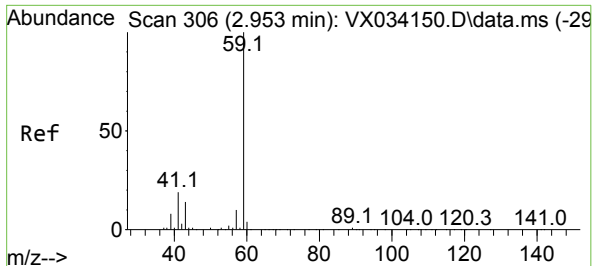
Tgt Ion:168 Resp: 273805
Ion Ratio Lower Upper
168 100
99 56.8 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

Tgt Ion: 94 Resp: 48
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.897 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX034337.D

Acq: 06 Mar 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

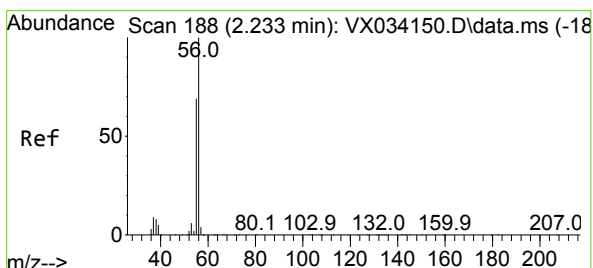
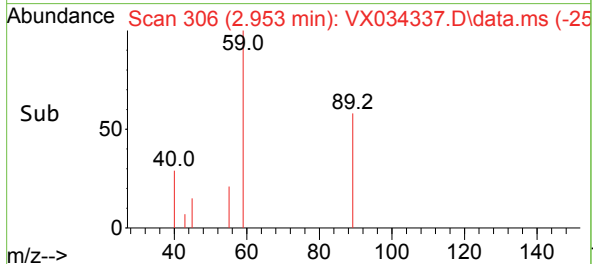
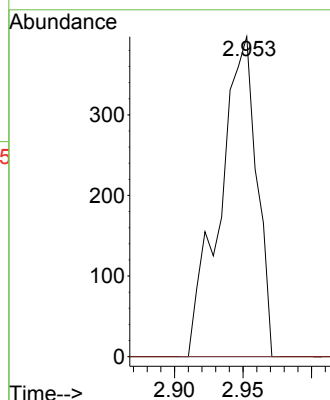
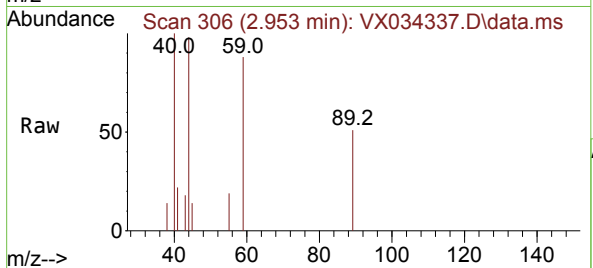
VX0306MBL01

Tgt Ion: 59 Resp: 740

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 1.161 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034337.D

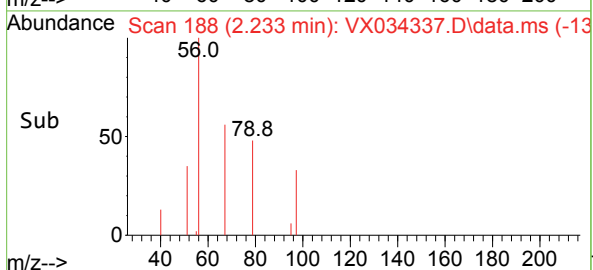
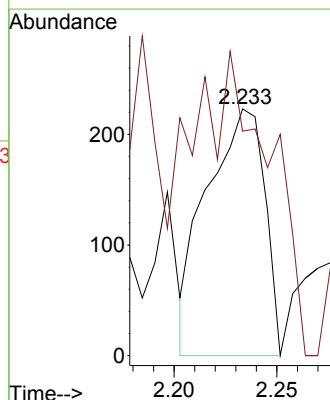
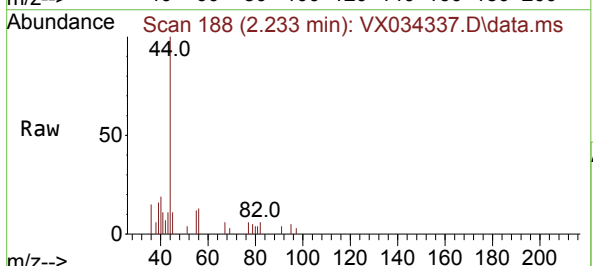
Acq: 06 Mar 2023 10:11

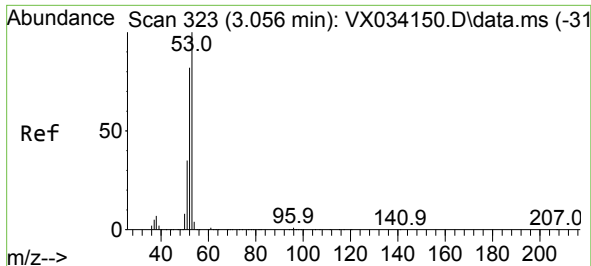
Tgt Ion: 56 Resp: 437

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#

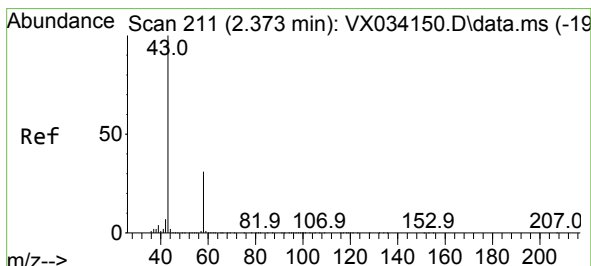
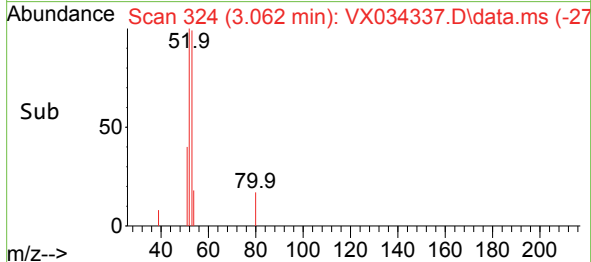
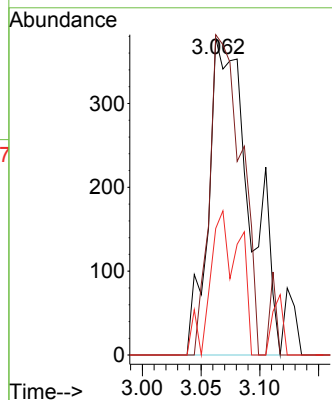
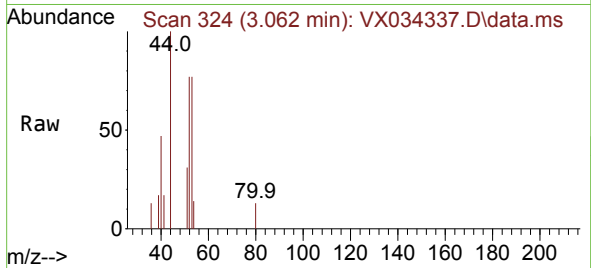




#15
Acrylonitrile
Concen: 0.510 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

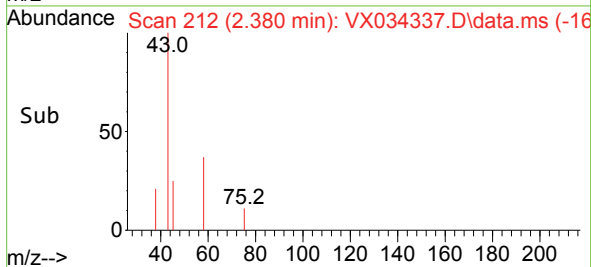
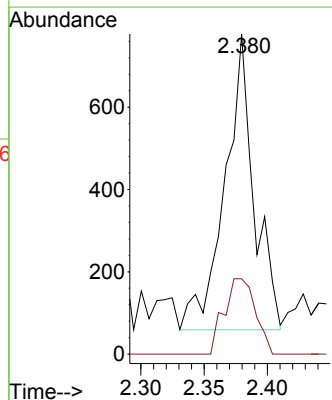
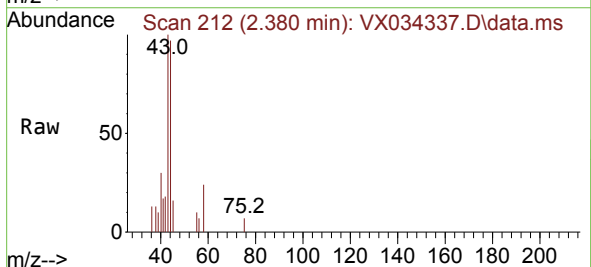
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

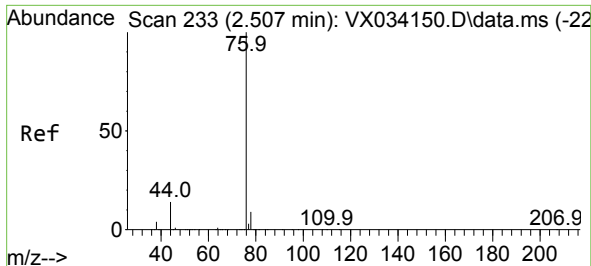
Tgt Ion: 53 Resp: 918
Ion Ratio Lower Upper
53 100
52 78.6 65.7 98.5
51 32.7 29.0 43.4



#16
Acetone
Concen: 0.607 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 25.5 22.6 33.8

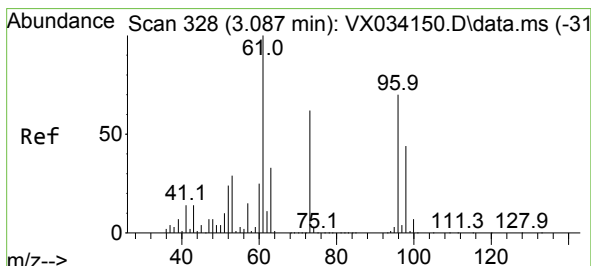
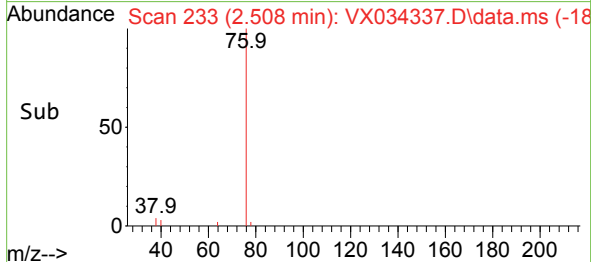
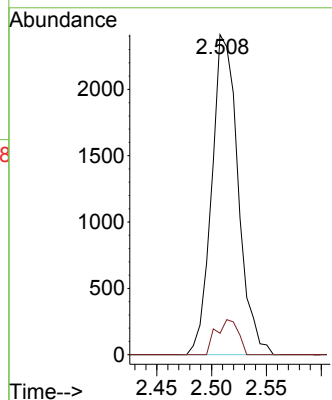
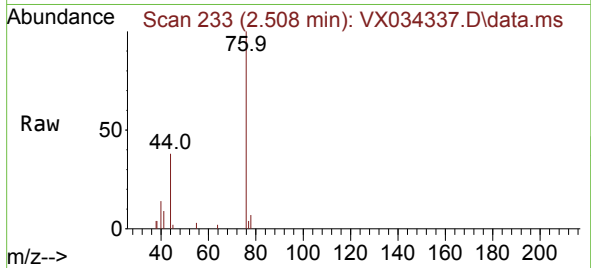




#17
Carbon Disulfide
Concen: 0.474 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

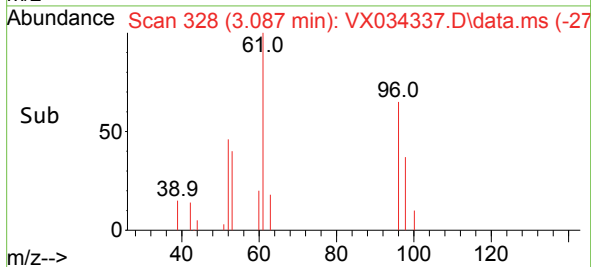
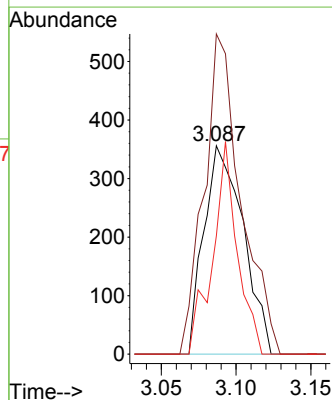
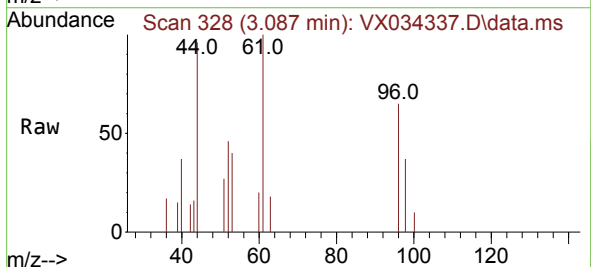
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

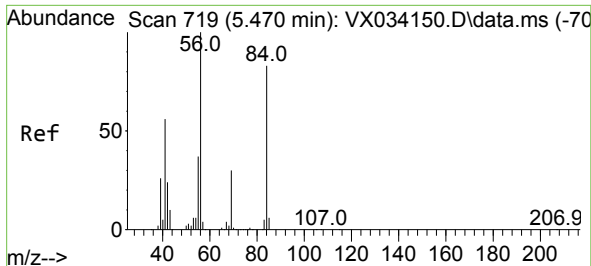
Tgt Ion: 76 Resp: 4036
Ion Ratio Lower Upper
76 100
78 6.7 7.0 10.6#



#21
trans-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

Tgt Ion: 96 Resp: 648
Ion Ratio Lower Upper
96 100
61 153.7 106.7 160.1
98 56.7 50.0 75.0

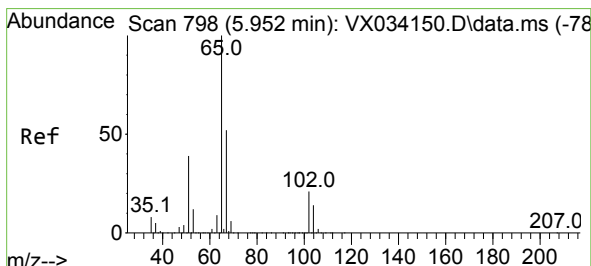
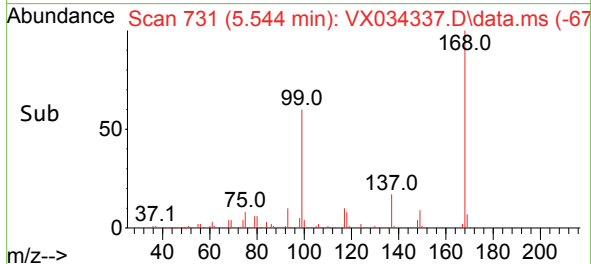
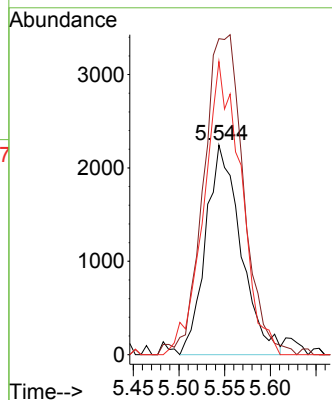
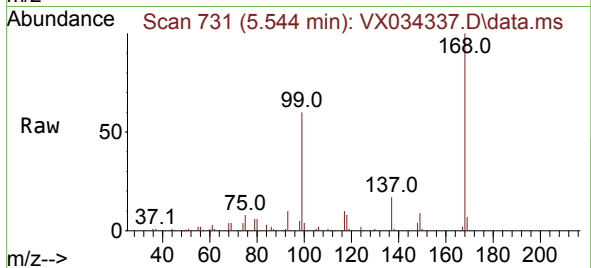




#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

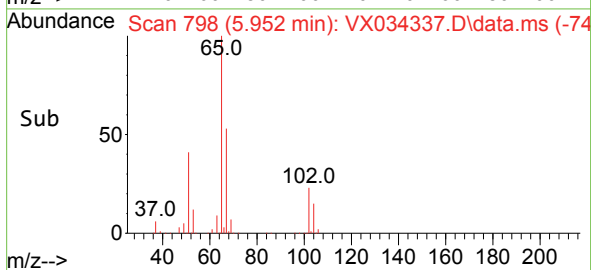
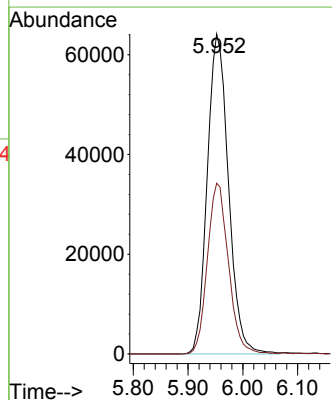
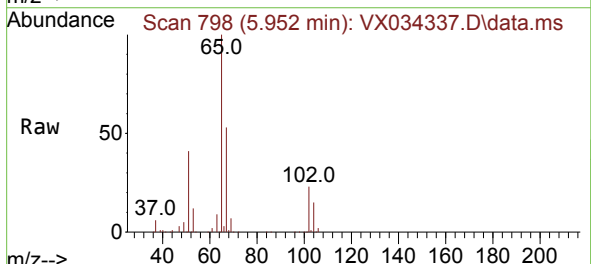
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

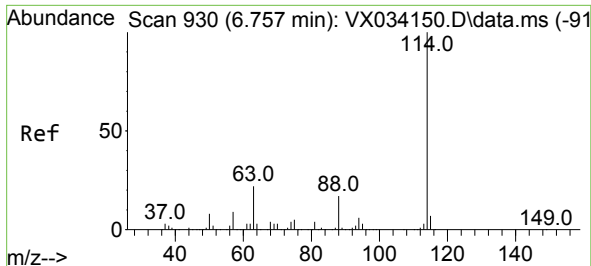
Tgt Ion: 56 Resp: 6010
Ion Ratio Lower Upper
56 100
69 146.3 24.6 37.0#
84 139.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.690 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

Tgt Ion: 65 Resp: 172171
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034337.D

Acq: 06 Mar 2023 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0306MBL01

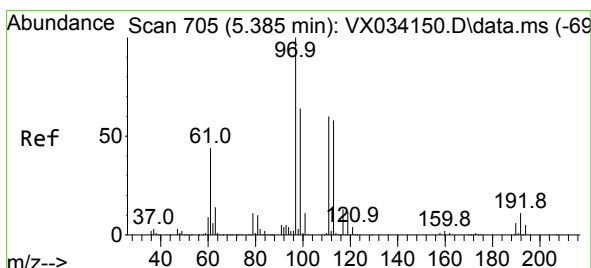
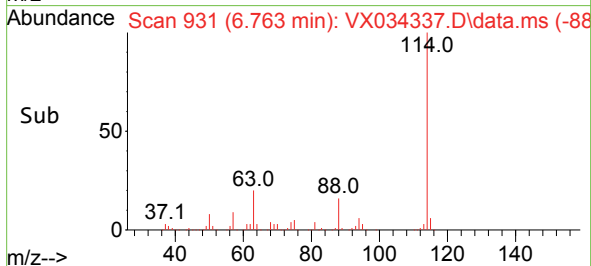
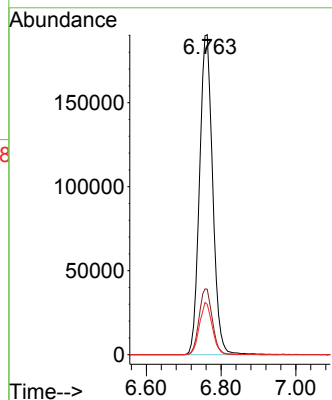
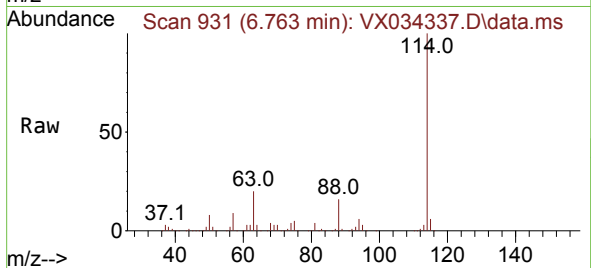
Tgt Ion:114 Resp: 464400

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.208 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034337.D

Acq: 06 Mar 2023 10:11

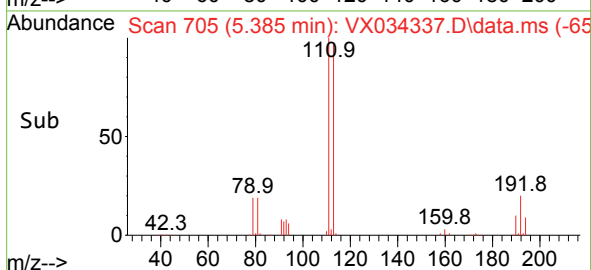
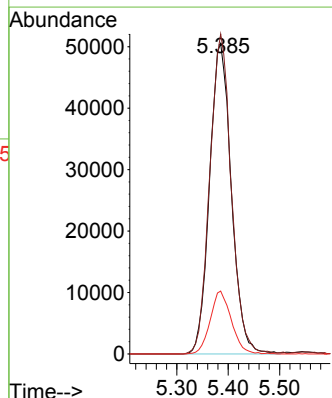
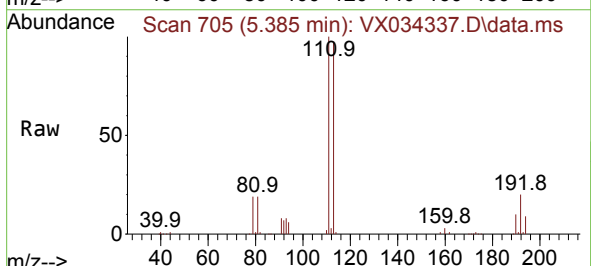
Tgt Ion:113 Resp: 148790

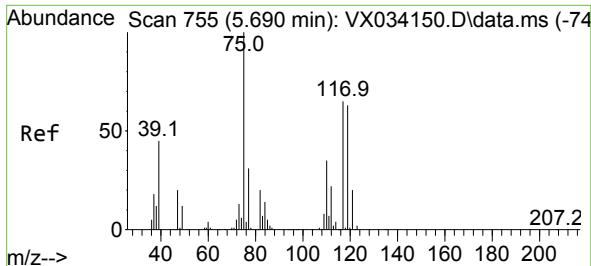
Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

192 19.6 19.0 28.4

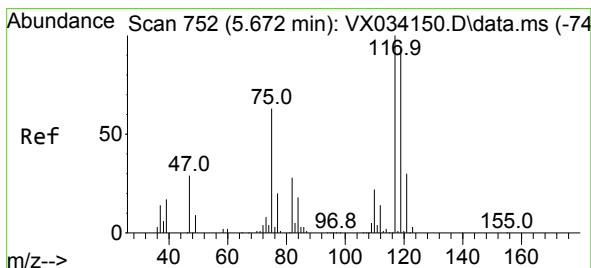
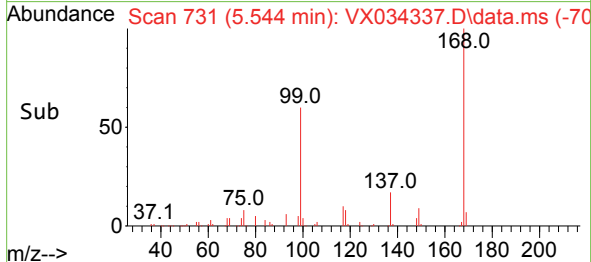
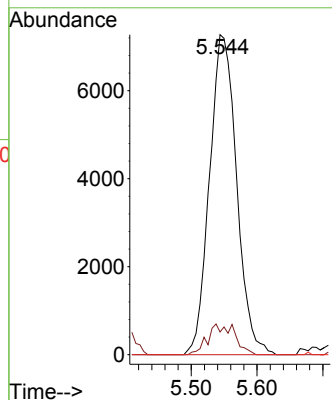
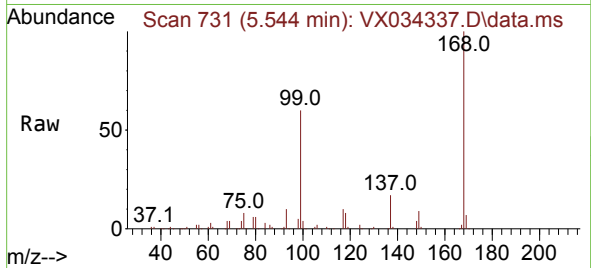




#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

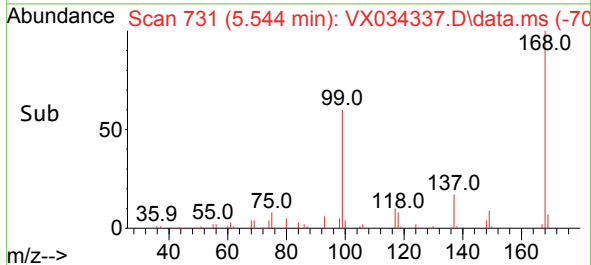
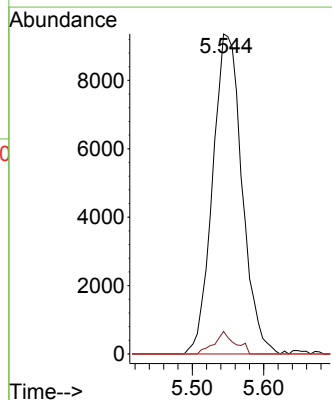
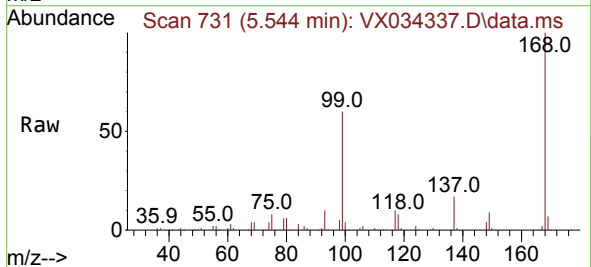
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

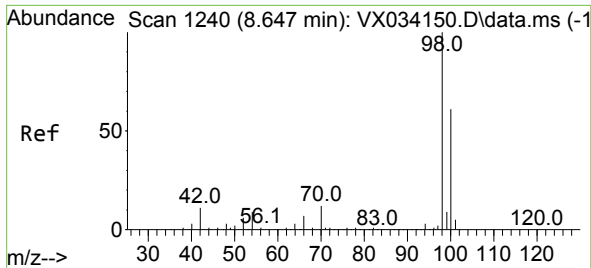
Tgt Ion: 75 Resp: 20862
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.813 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

Tgt Ion: 117 Resp: 26747
Ion Ratio Lower Upper
117 100
119 7.0 78.0 117.0#
121 0.0 24.4 36.6#

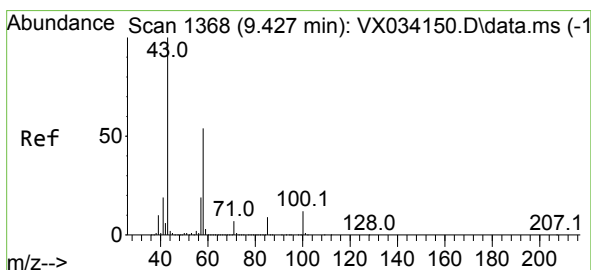
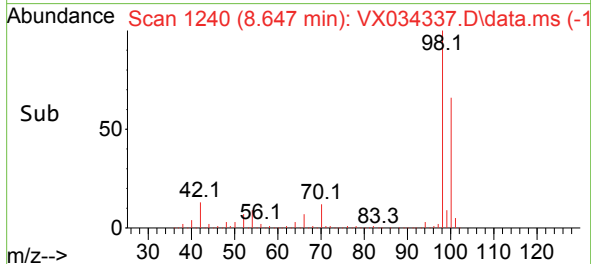
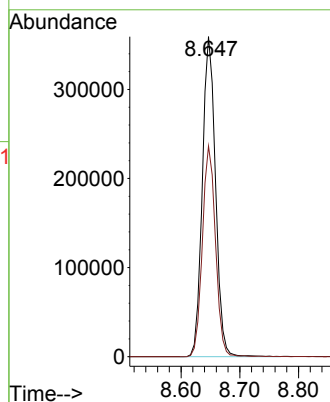
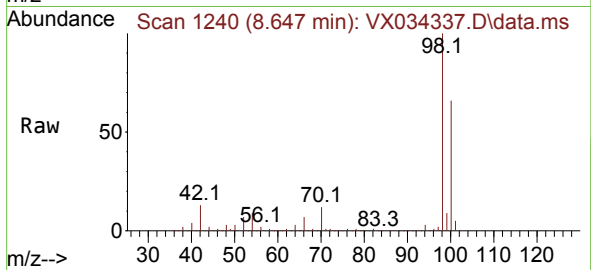




#50
Toluene-d8
Concen: 51.537 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

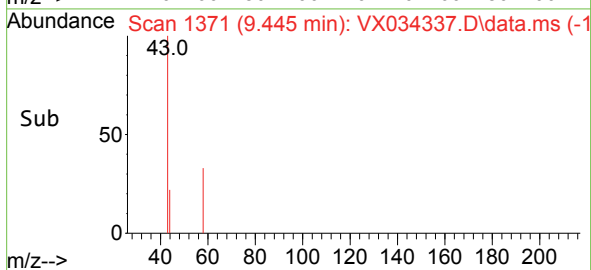
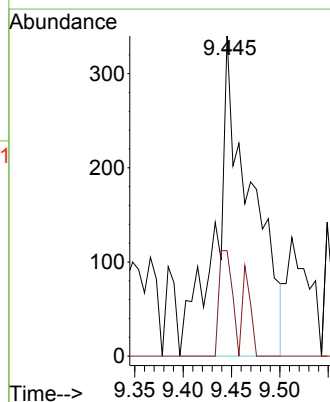
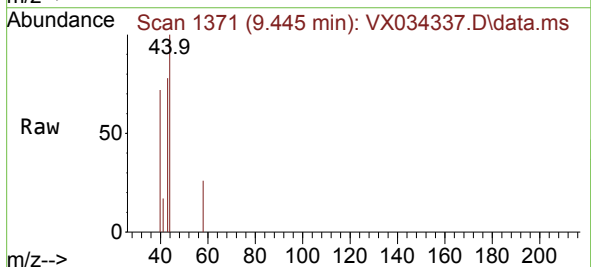
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

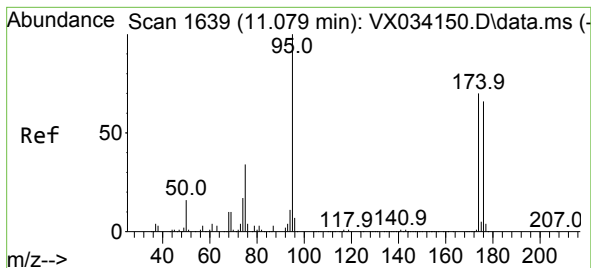
Tgt Ion: 98 Resp: 559489
Ion Ratio Lower Upper
98 100
100 65.6 53.6 80.4



#59
2-Hexanone
Concen: 0.230 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 12.3 27.4 82.0#

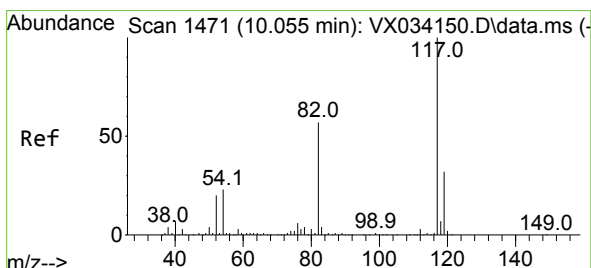
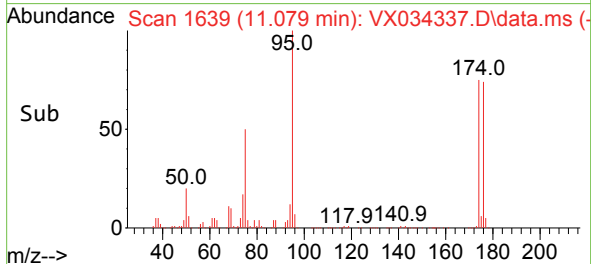
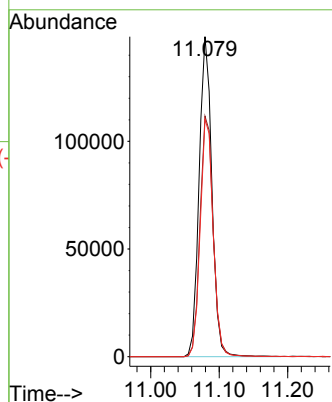
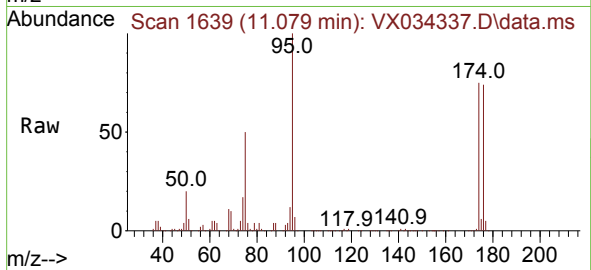




#62
4-Bromofluorobenzene
Concen: 46.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

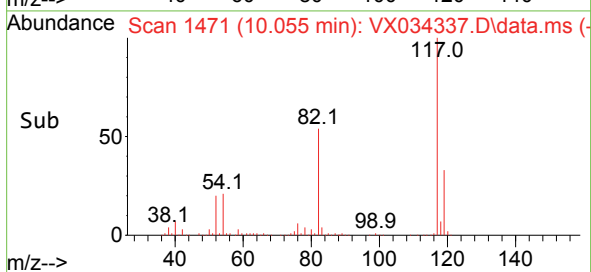
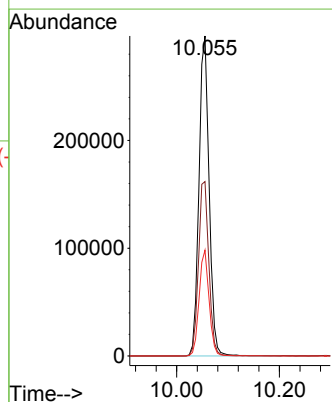
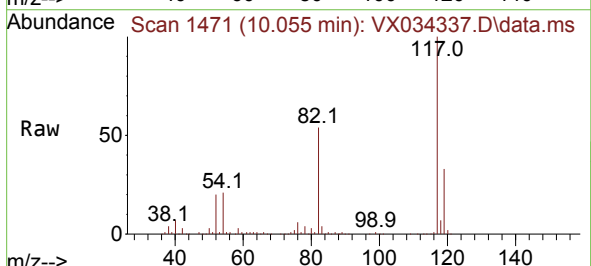
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

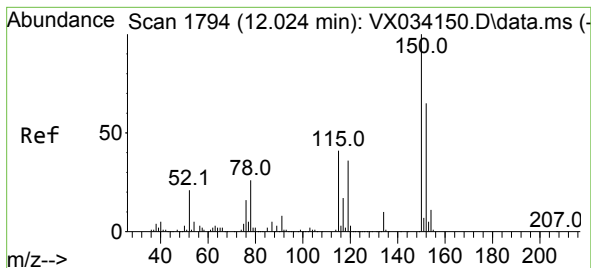
Tgt Ion: 95 Resp: 193007
Ion Ratio Lower Upper
95 100
174 77.6 0.0 184.4
176 75.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

Tgt Ion: 117 Resp: 407043
Ion Ratio Lower Upper
117 100
82 54.5 40.6 60.8
119 33.1 25.6 38.4

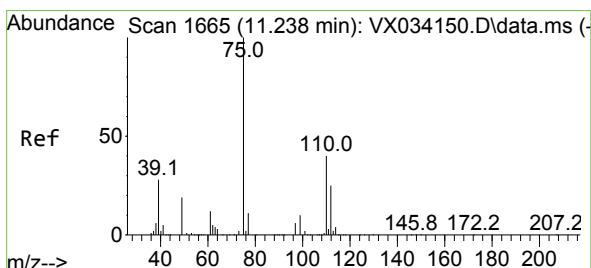
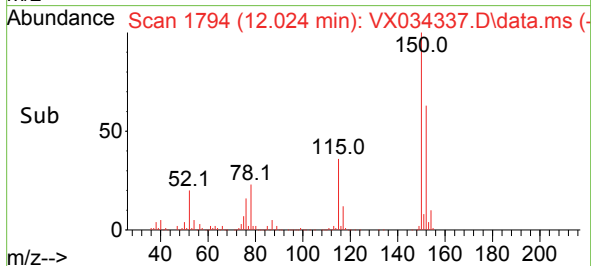
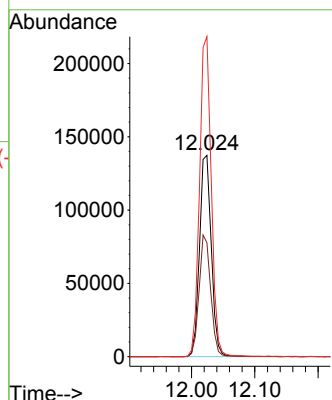
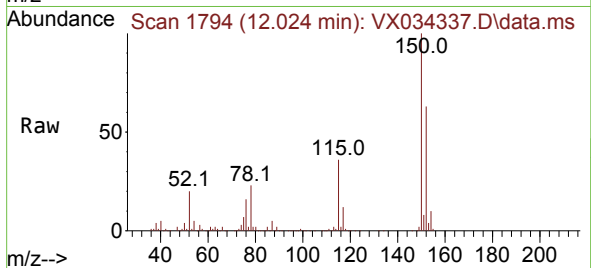




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034337.D
 Acq: 06 Mar 2023 10:11

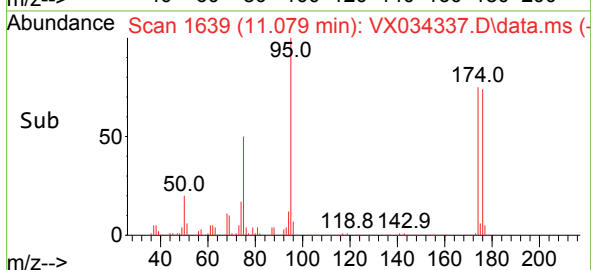
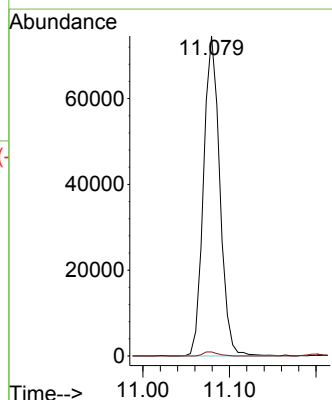
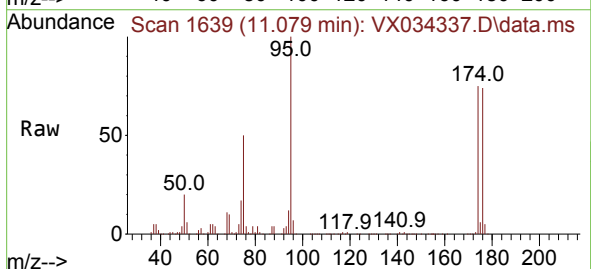
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306MBL01

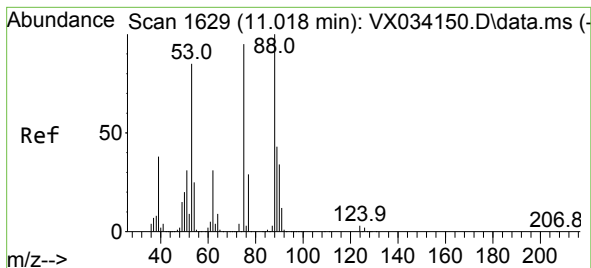
Tgt Ion:152 Resp: 178947
 Ion Ratio Lower Upper
 152 100
 115 59.5 38.7 116.1
 150 157.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 21.619 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034337.D
 Acq: 06 Mar 2023 10:11

Tgt Ion: 75 Resp: 97345
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.4#

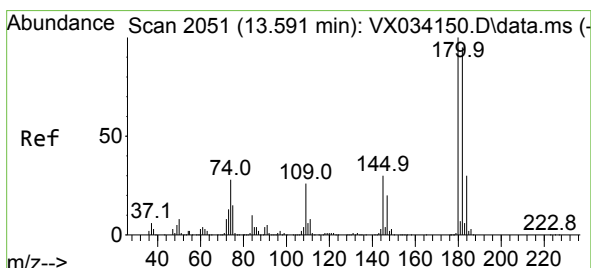
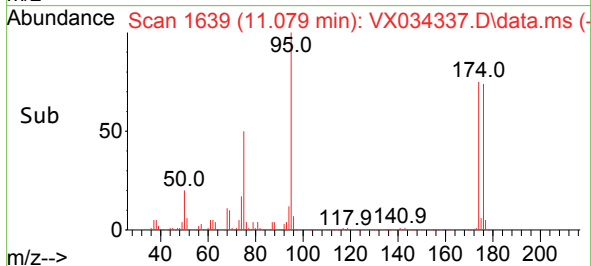
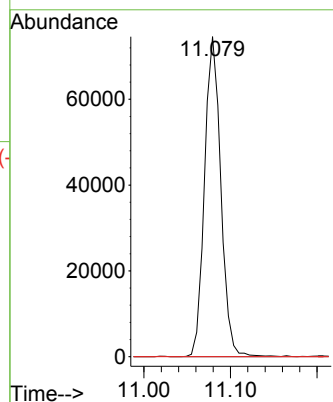
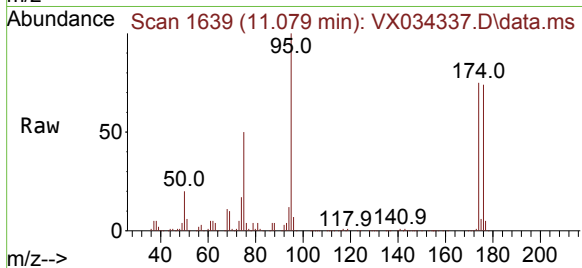




#81
trans-1,4-Dichloro-2-butene
Concen: 55.537 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

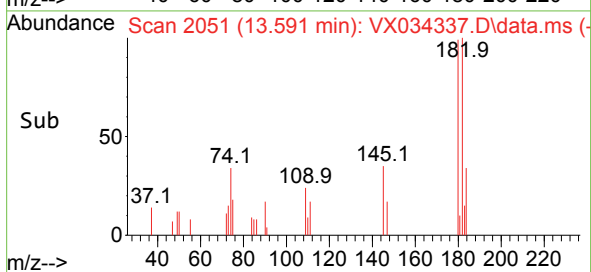
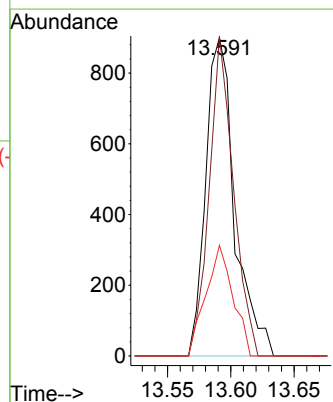
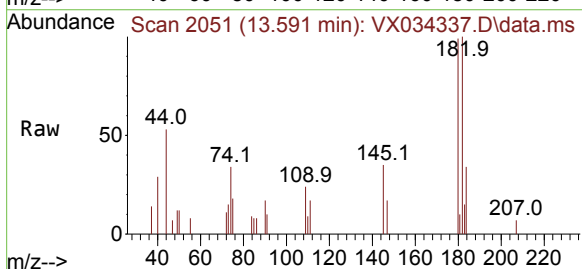
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

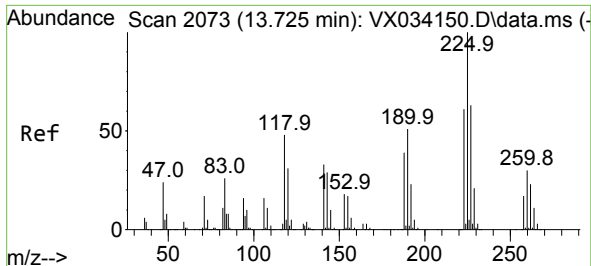
Tgt Ion: 75 Resp: 97345
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.368 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

Tgt Ion:180 Resp: 1424
Ion Ratio Lower Upper
180 100
182 84.5 47.9 143.6
145 32.7 14.1 42.2

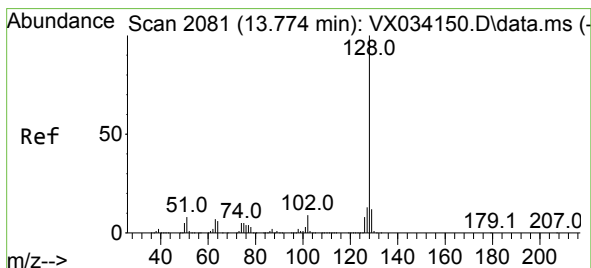
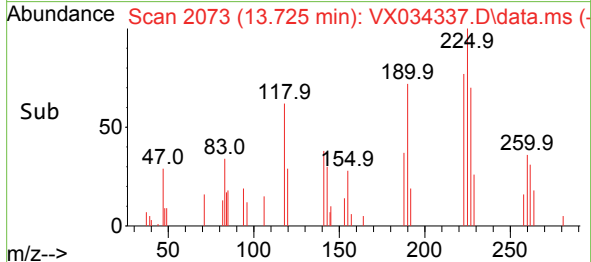
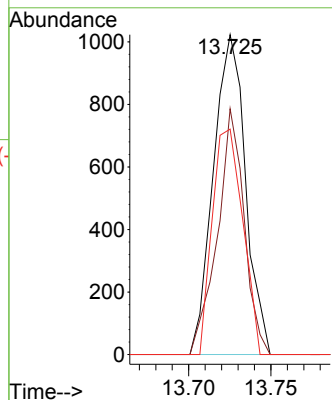
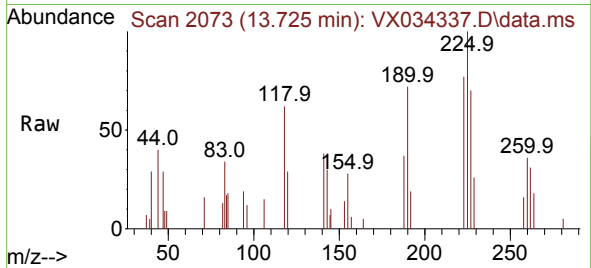




#94
Hexachlorobutadiene
Concen: 0.865 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

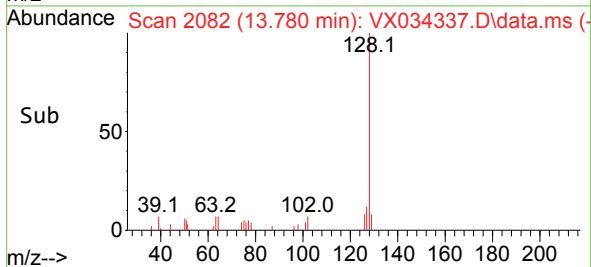
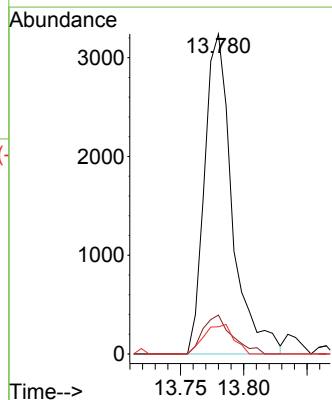
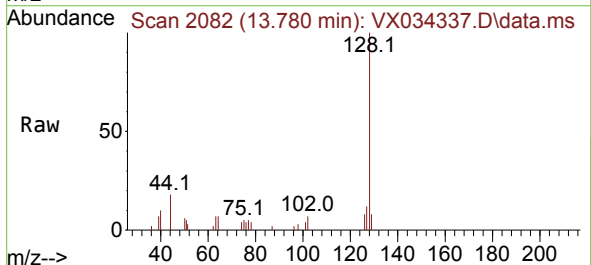
Instrument :
MSVOA_X
ClientSampleId :
VX0306MBL01

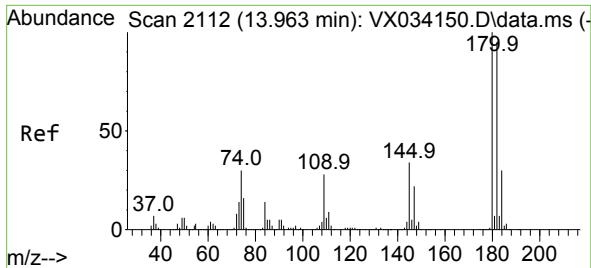
Tgt Ion:	225	Resp:	1386
Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.9
227	66.7	32.3	96.9



#95
Naphthalene
Concen: 0.380 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034337.D
Acq: 06 Mar 2023 10:11

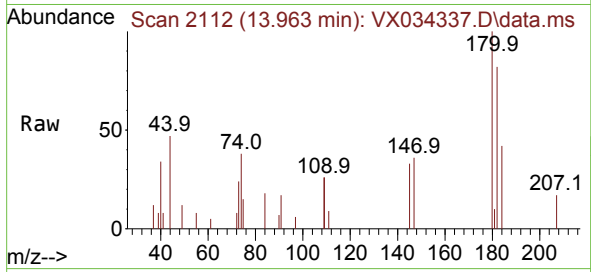
Tgt Ion:	128	Resp:	4943
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	9.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.395 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034337.D
 Acq: 06 Mar 2023 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306MBL01



Tgt Ion:	180	Resp:	1516
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.6	142.9
145	30.1	15.1	45.3

