

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034338.D
 Acq On : 06 Mar 2023 10:35
 Operator : JC/MD
 Sample : VX0306WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBL01

Quant Time: Mar 07 00:34:28 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)

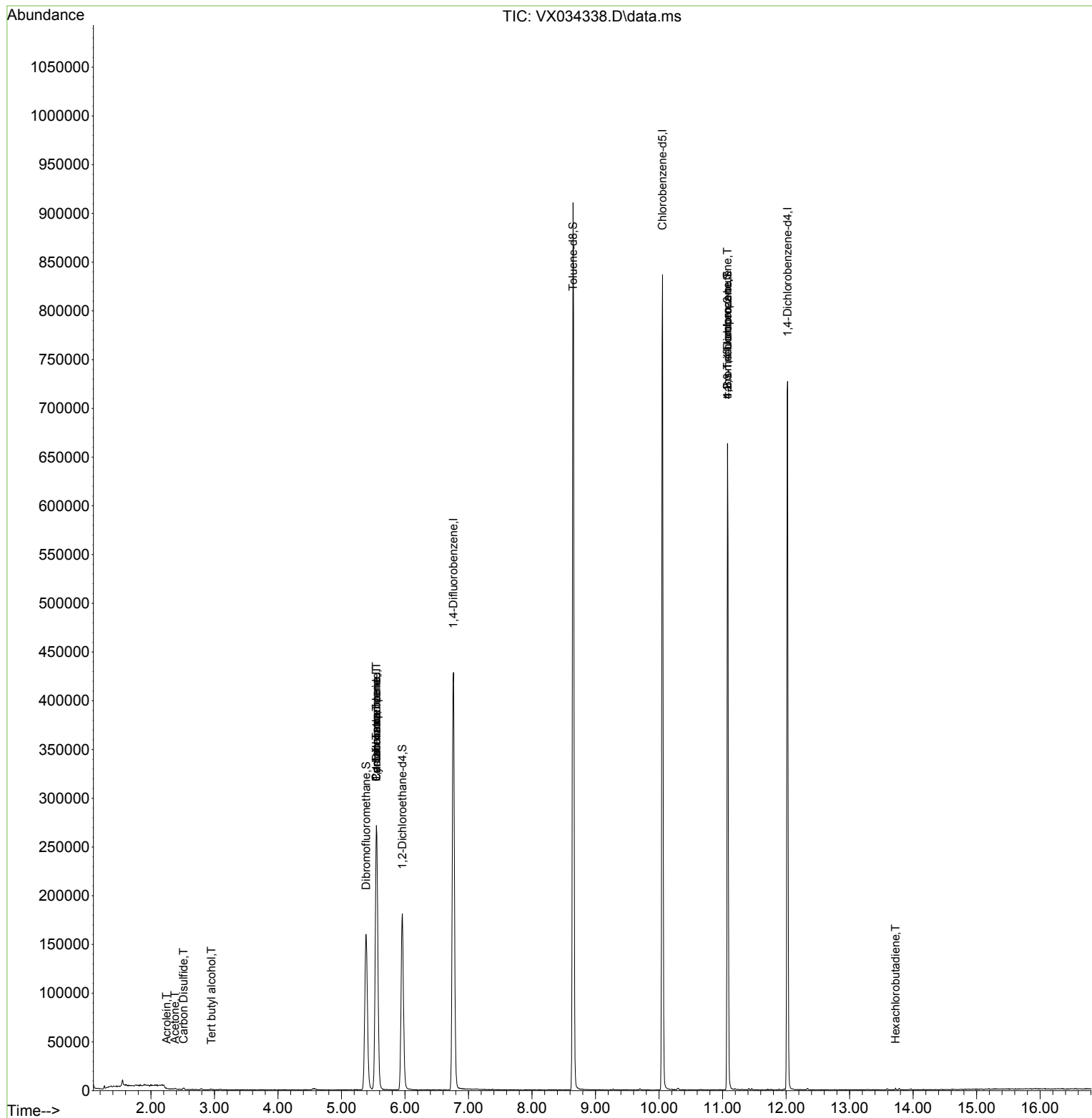
Internal Standards						
1) Pentafluorobenzene	5.550	168	268988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164954	45.534	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.060%
35) Dibromofluoromethane	5.385	113	141427	48.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	8.647	98	535790	51.174	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.340%
62) 4-Bromofluorobenzene	11.079	95	172653	43.112	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	221	Below Cal	#	49
11) Tert butyl alcohol	2.953	59	459	0.566	ug/l #	86
13) Acrolein	2.245	56	274	0.741	ug/l #	14
16) Acetone	2.380	43	1124	0.601	ug/l #	86
17) Carbon Disulfide	2.514	76	2069	0.247	ug/l #	91
31) Cyclohexane	5.550	56	6240	1.154	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	20942	4.856	ug/l #	48
38) Carbon Tetrachloride	5.550	117	25730	5.798	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	86970	21.941	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	86970	56.365	ug/l #	8
94) Hexachlorobutadiene	13.725	225	295	0.209	ug/l #	61

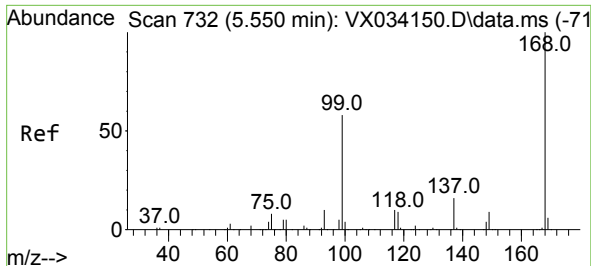
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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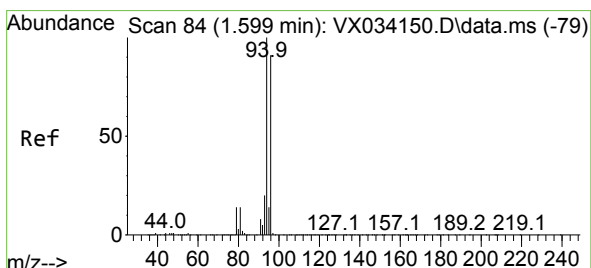
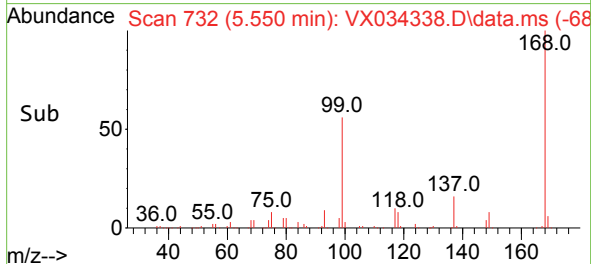
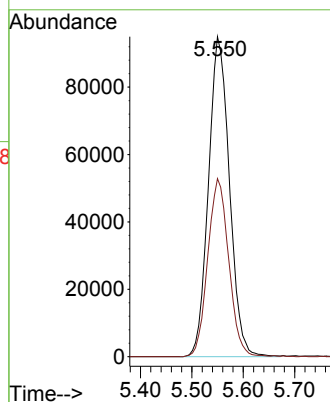
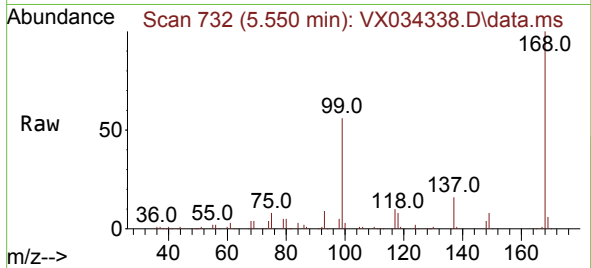




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

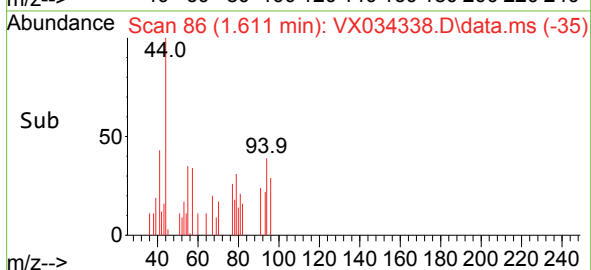
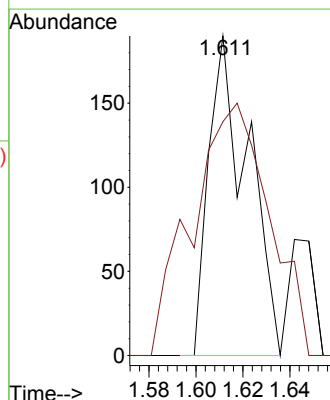
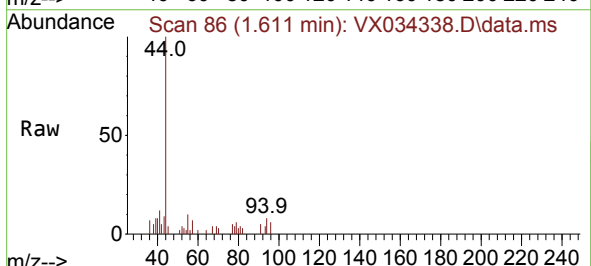
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

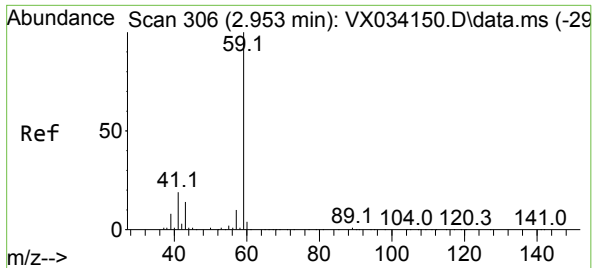
Tgt Ion:168 Resp: 268988
Ion Ratio Lower Upper
168 100
99 55.7 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 44.2 74.3 111.5#

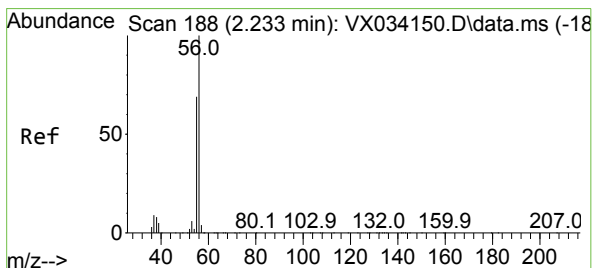
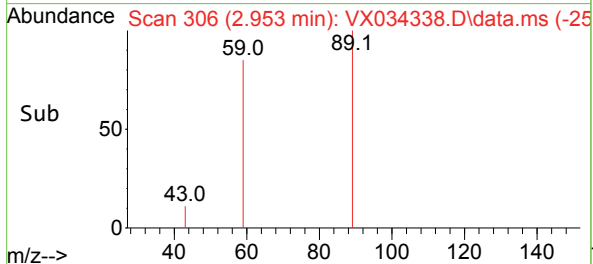
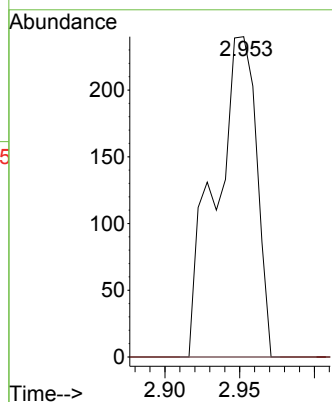
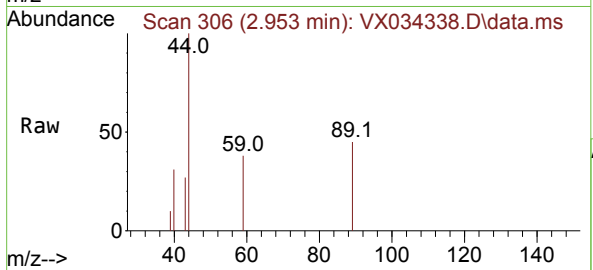




#11
Tert butyl alcohol
Concen: 0.566 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

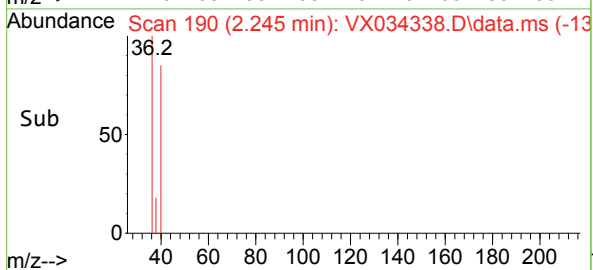
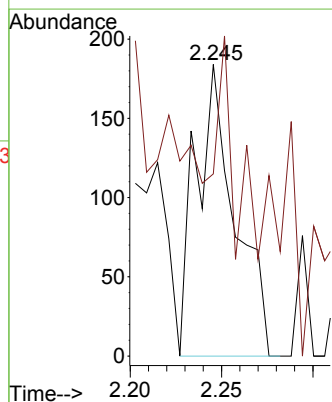
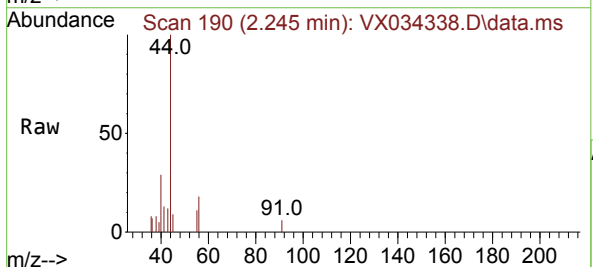
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

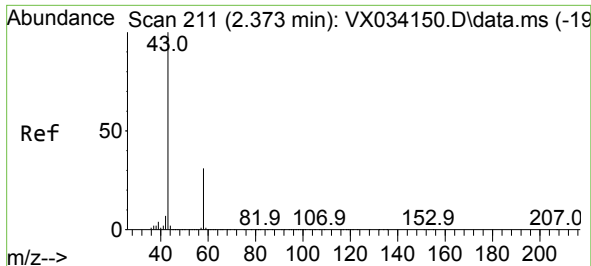
Tgt Ion: 59 Resp: 459
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#13
Acrolein
Concen: 0.741 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

Tgt Ion: 56 Resp: 274
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#

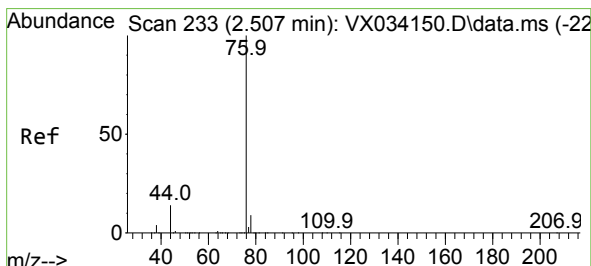
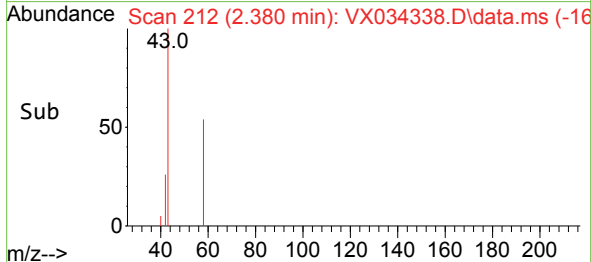
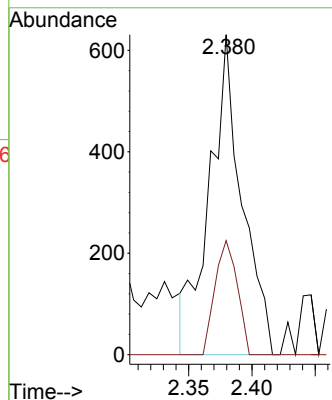
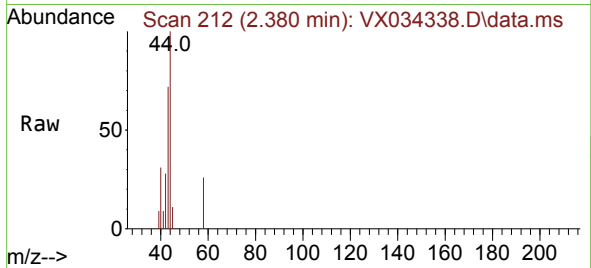




#16
Acetone
Concen: 0.601 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

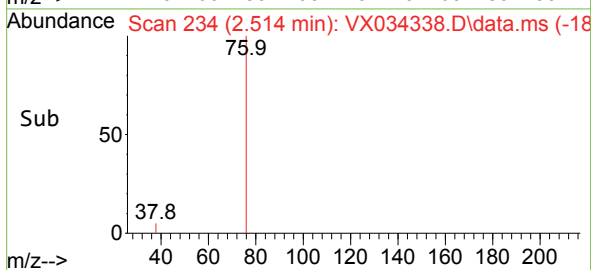
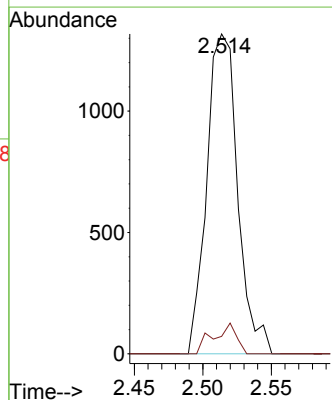
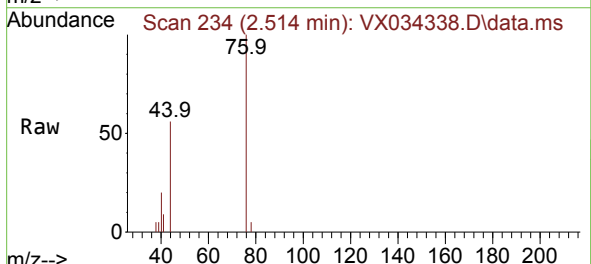
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

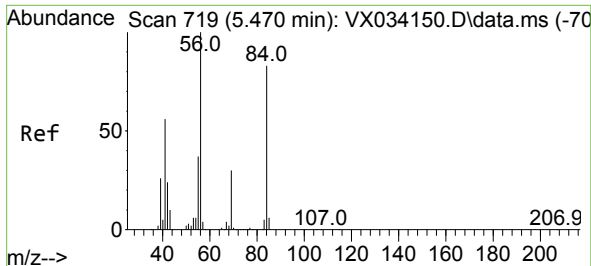
Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 35.7 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

Tgt Ion: 76 Resp: 2069
Ion Ratio Lower Upper
76 100
78 5.5 7.0 10.6#

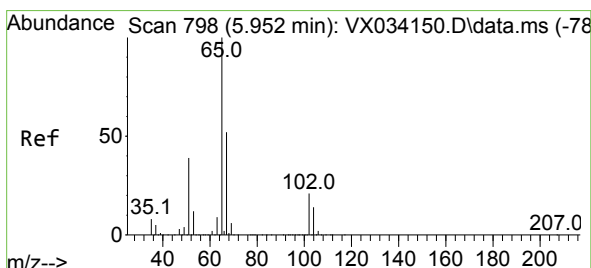
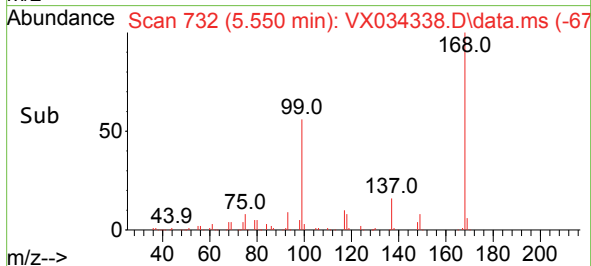
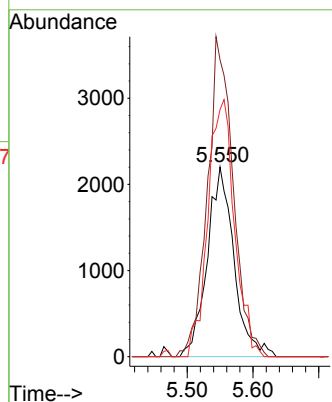
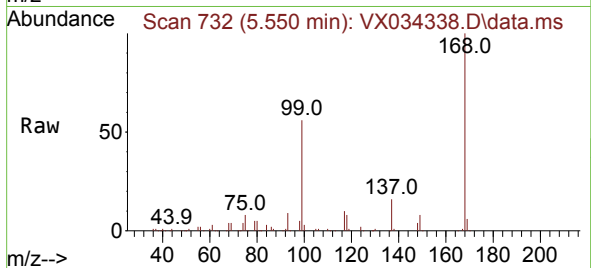




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

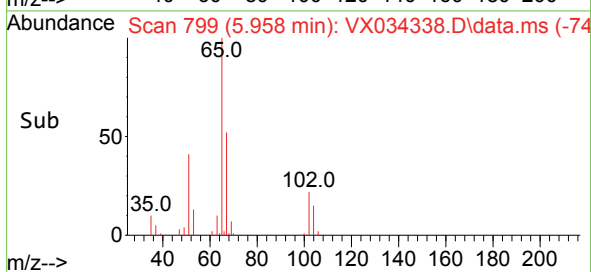
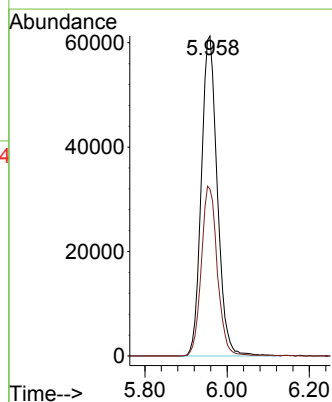
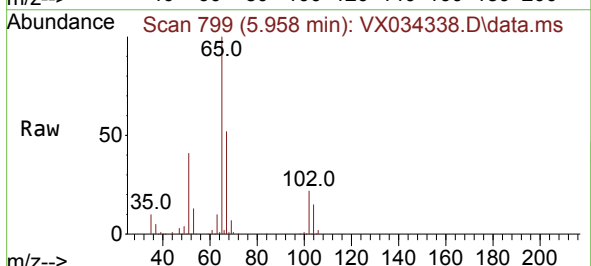
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

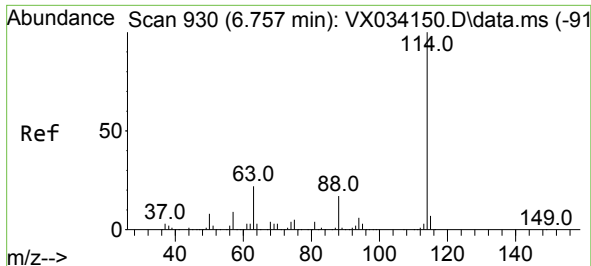
Tgt Ion: 56 Resp: 6240
Ion Ratio Lower Upper
56 100
69 156.6 24.6 37.0#
84 130.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.534 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

Tgt Ion: 65 Resp: 164954
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

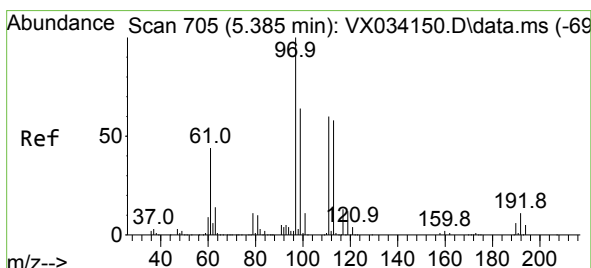
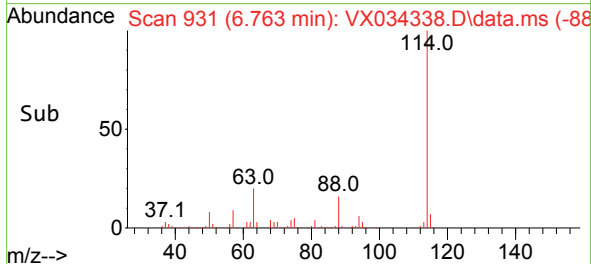
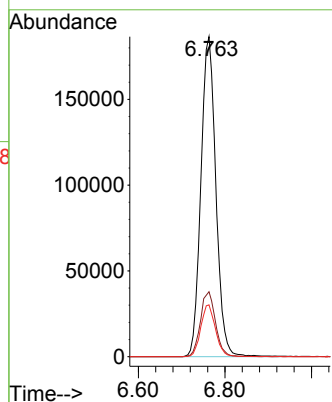
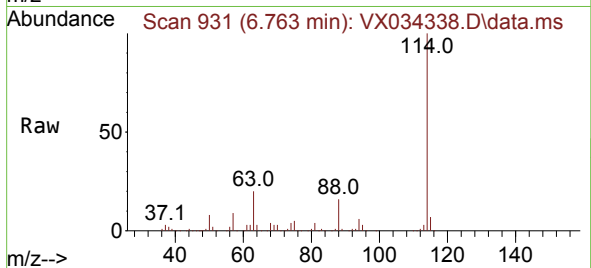




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

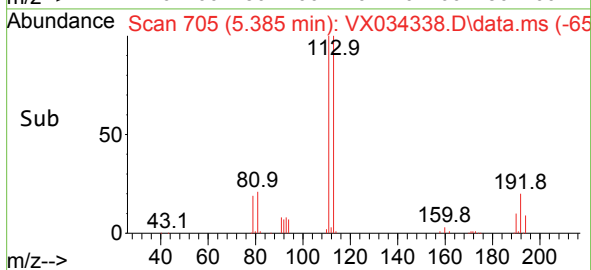
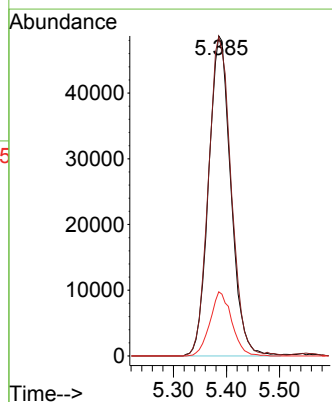
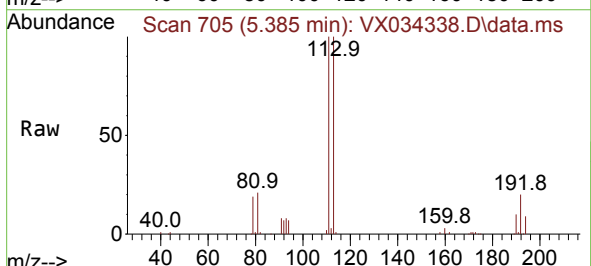
Instrument :
MSVOA_X
ClientSampleId :
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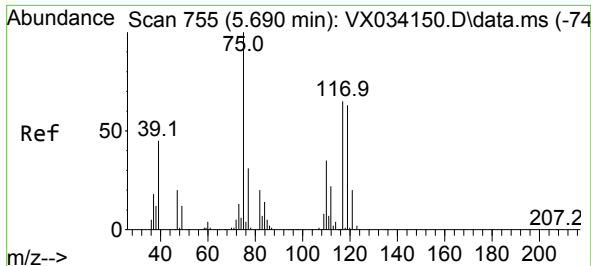
Tgt Ion:114 Resp: 447880
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.498 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

Tgt Ion:113 Resp: 141427
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 19.7 19.0 28.4

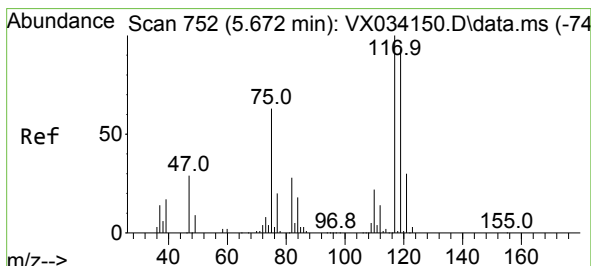
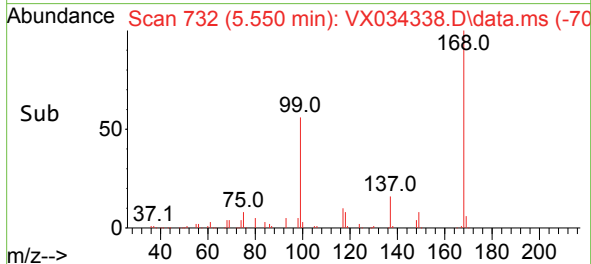
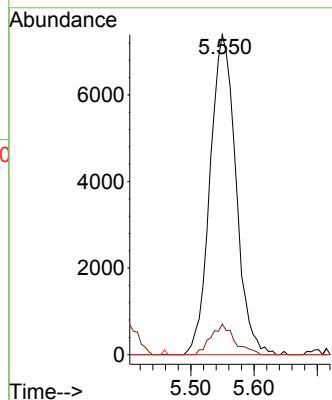
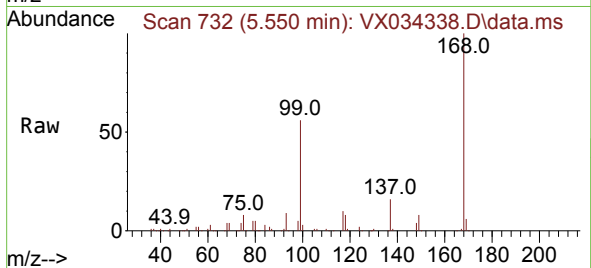




#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

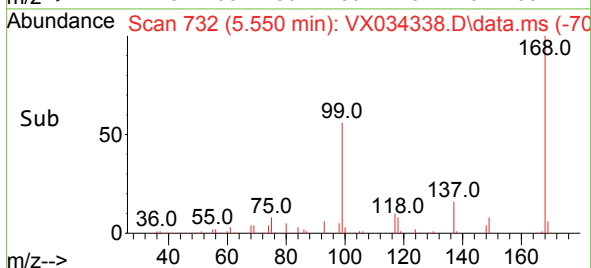
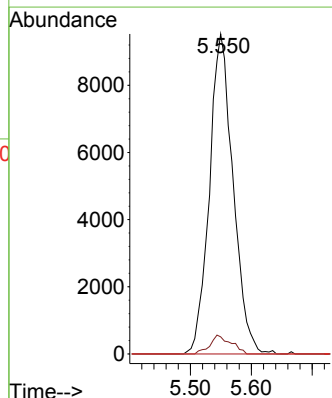
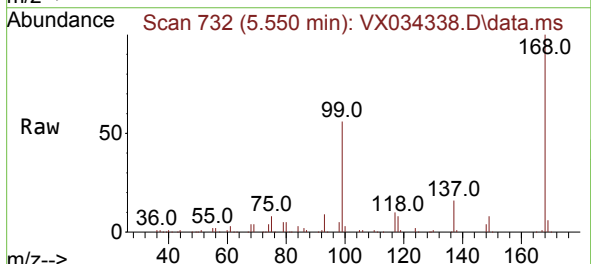
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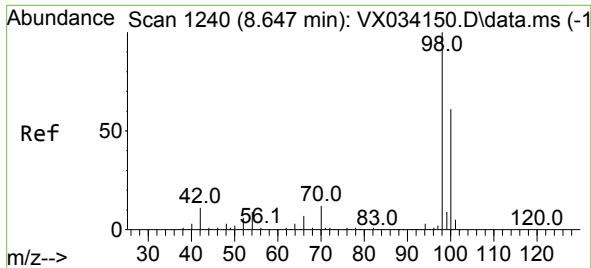
Tgt Ion: 75 Resp: 20942
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.798 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

Tgt Ion: 117 Resp: 25730
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.4 36.6#

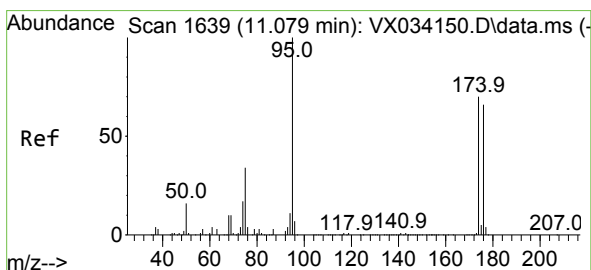
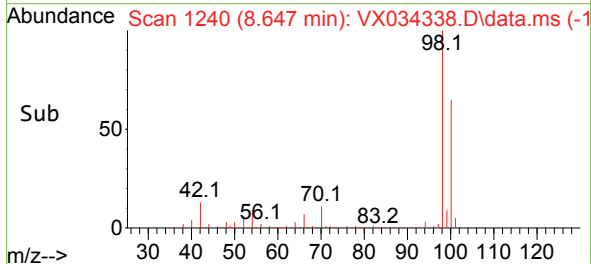
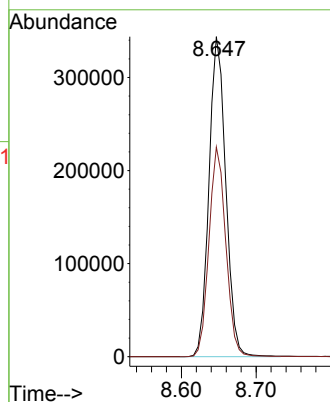
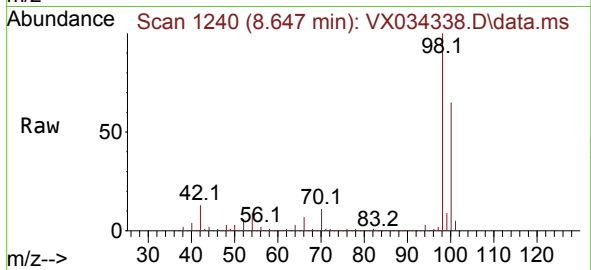




#50
Toluene-d8
Concen: 51.174 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

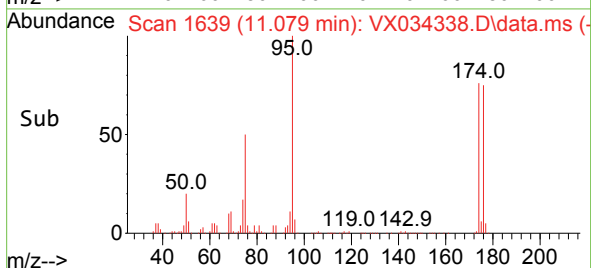
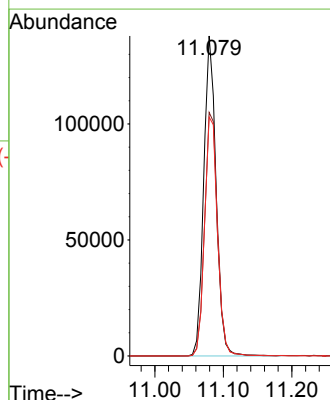
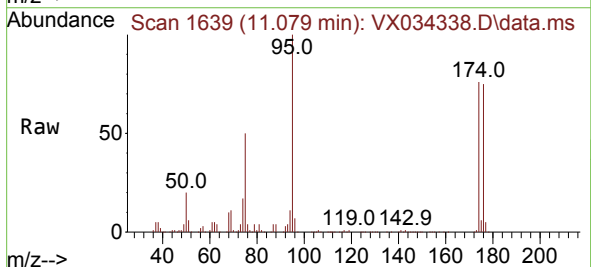
Instrument :
MSVOA_X
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VX0306WBL01

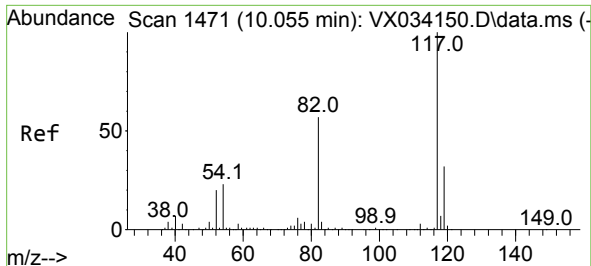
Tgt Ion: 98 Resp: 535790
Ion Ratio Lower Upper
98 100
100 65.6 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 43.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

Tgt Ion: 95 Resp: 172653
Ion Ratio Lower Upper
95 100
174 80.3 0.0 184.4
176 78.4 0.0 178.8

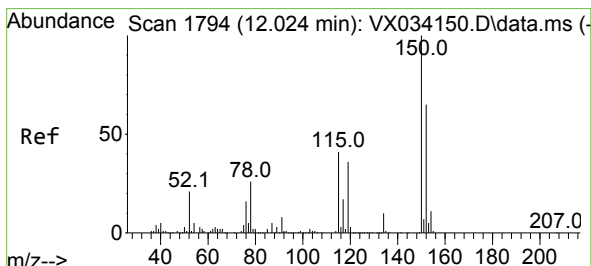
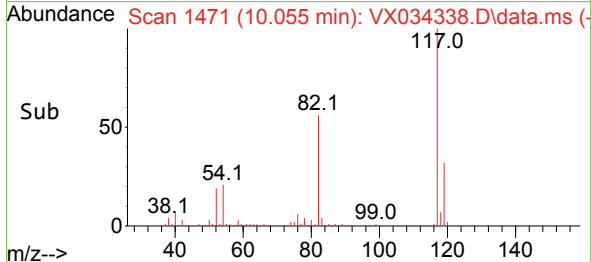
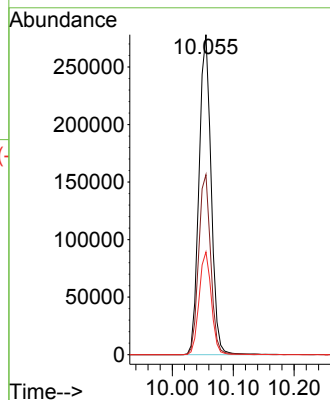
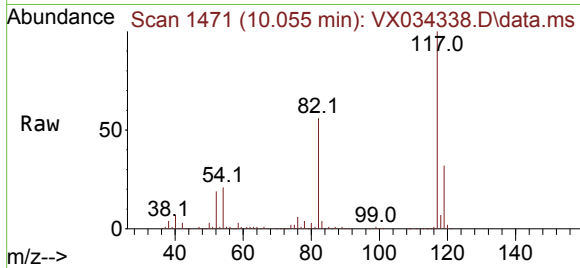




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

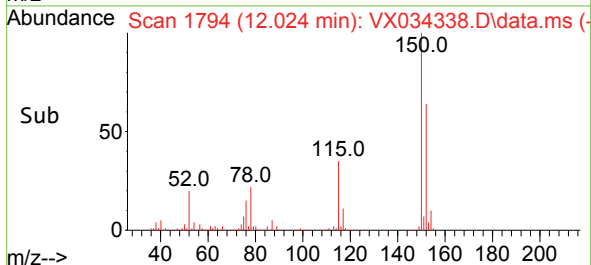
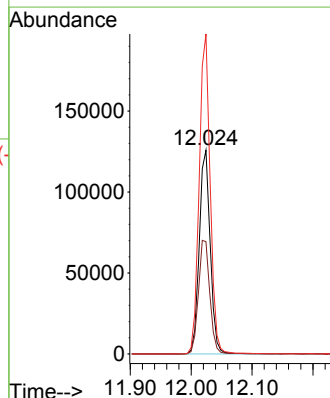
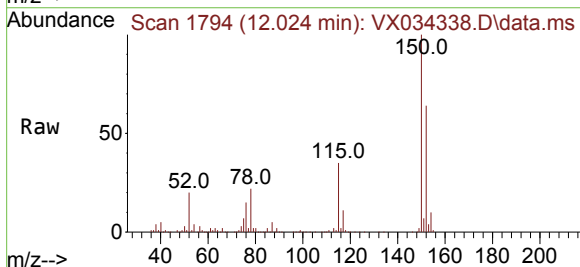
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

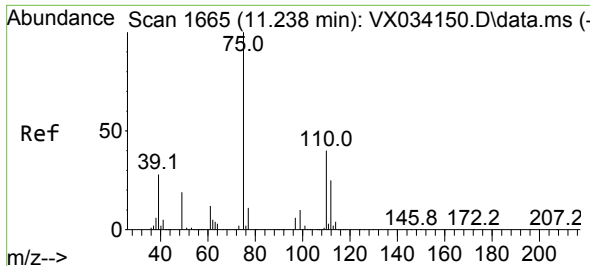
Tgt Ion:117 Resp: 383158
Ion Ratio Lower Upper
117 100
82 56.2 40.6 60.8
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

Tgt Ion:152 Resp: 157525
Ion Ratio Lower Upper
152 100
115 57.9 38.7 116.1
150 157.1 0.0 348.2

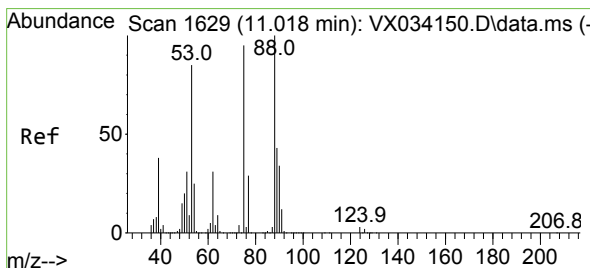
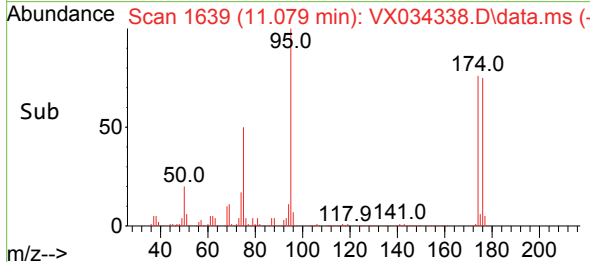
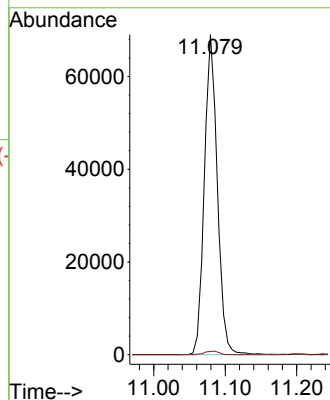
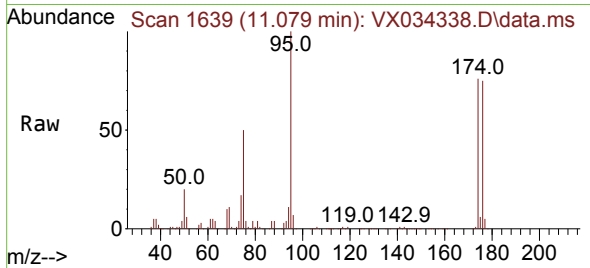




#76
1,2,3-Trichloropropane
Concen: 21.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

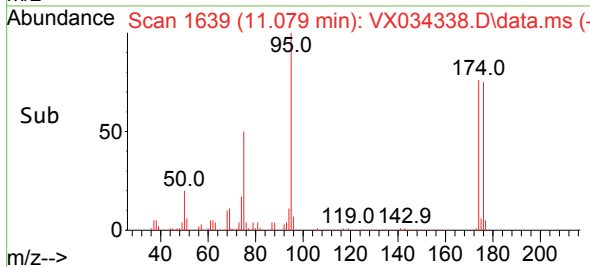
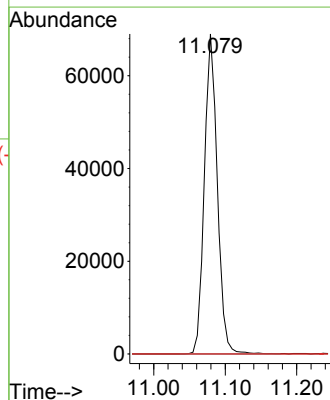
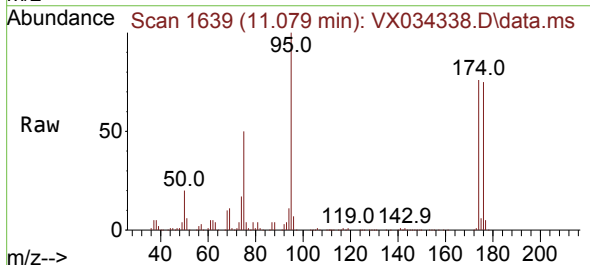
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

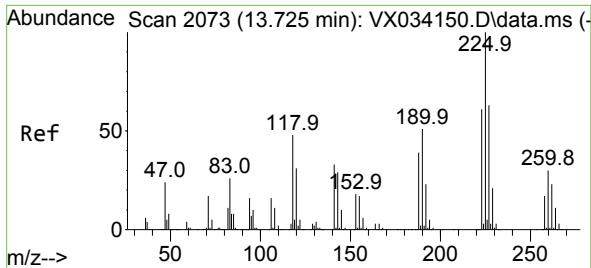
Tgt Ion: 75 Resp: 86970
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034338.D
Acq: 06 Mar 2023 10:35

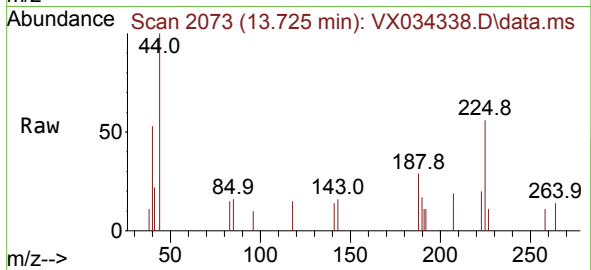
Tgt Ion: 75 Resp: 86970
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#94
 Hexachlorobutadiene
 Concen: 0.209 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX034338.D
 Acq: 06 Mar 2023 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBL01



Tgt Ion:	225	Resp:	295
Ion	Ratio	Lower	Upper
225	100		
223	48.8	31.3	93.9
227	17.3	32.3	96.9

