

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034220.D
 Acq On : 22 Feb 2023 11:26
 Operator : JC/MD
 Sample : VX0222WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

Quant Time: Feb 23 01:26:53 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)

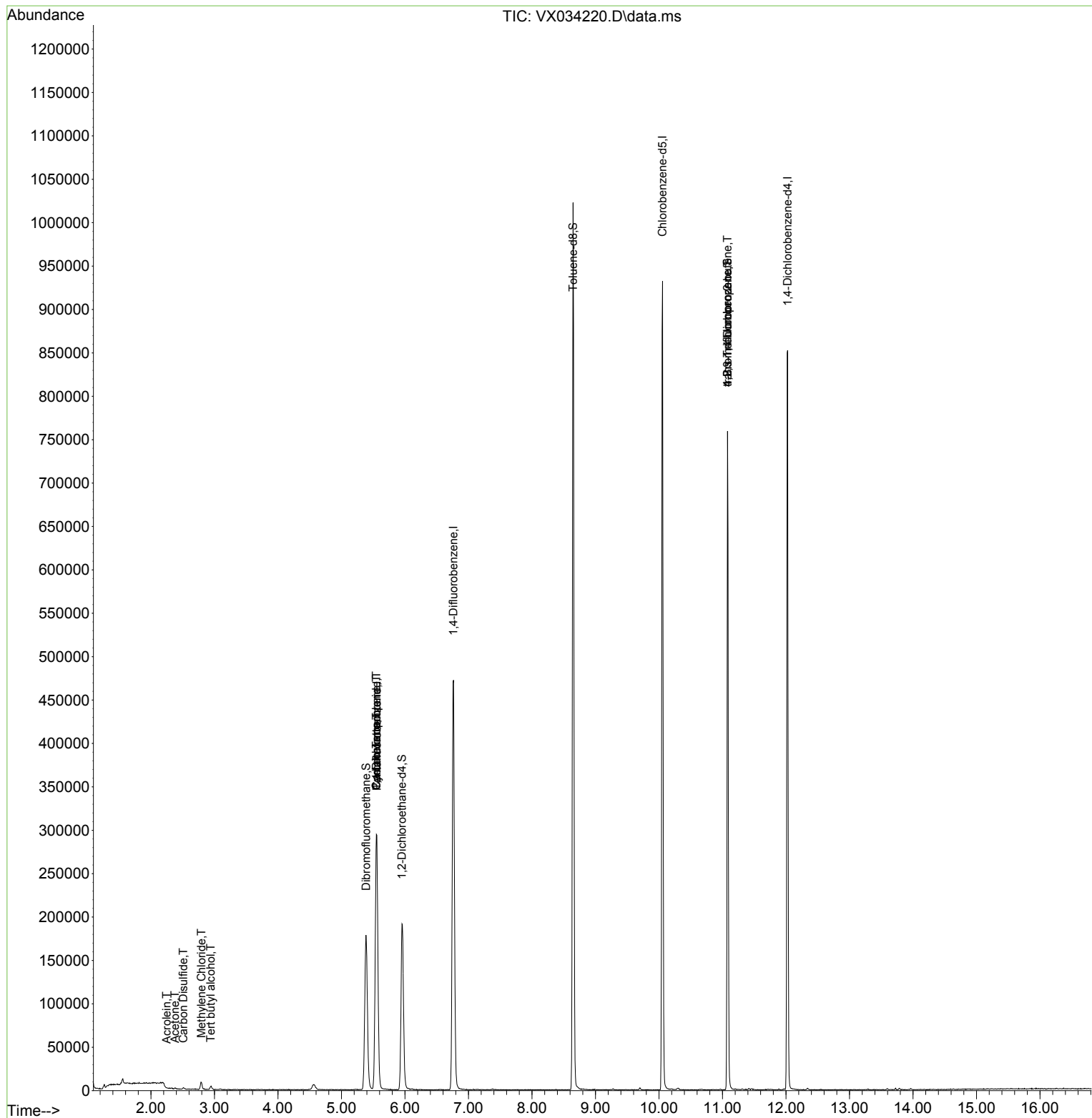
Internal Standards						
1) Pentafluorobenzene	5.556	168	304117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	501675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178299	43.533	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.060%
35) Dibromofluoromethane	5.385	113	157580	48.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	8.647	98	594850	50.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.079	95	197831	44.101	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.200%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	393	Below Cal	#	72
11) Tert butyl alcohol	2.941	59	2084	2.275	ug/l #	94
13) Acrolein	2.246	56	133	0.318	ug/l #	1
16) Acetone	2.380	43	1227	0.581	ug/l #	80
17) Carbon Disulfide	2.508	76	1924	0.203	ug/l #	85
20) Methylene Chloride	2.794	84	4190	1.101	ug/l	92
31) Cyclohexane	5.550	56	6870	1.123	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21459	4.442	ug/l #	49
38) Carbon Tetrachloride	5.550	117	28335	5.700	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	98052	20.467	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	98052	52.579	ug/l #	8

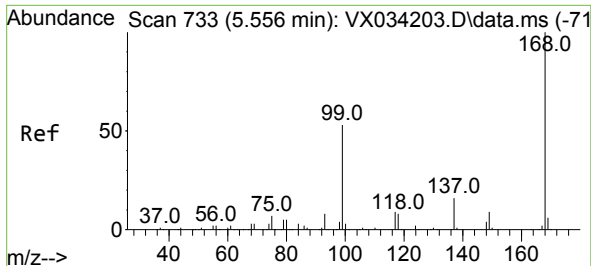
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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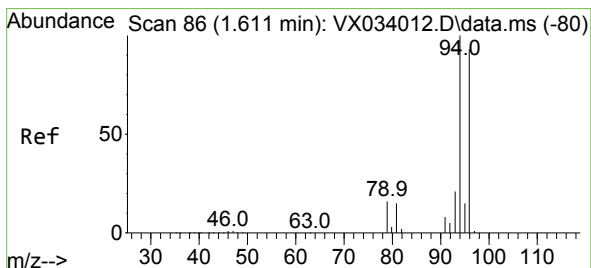
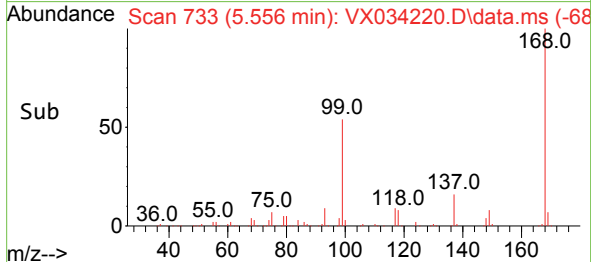
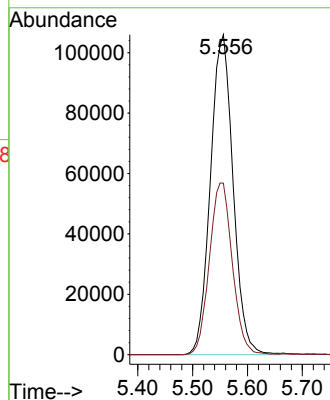
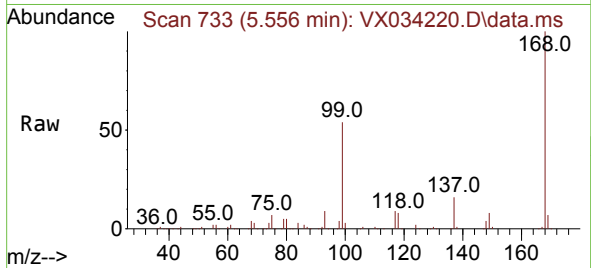




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

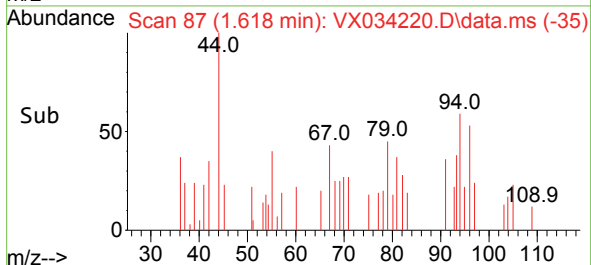
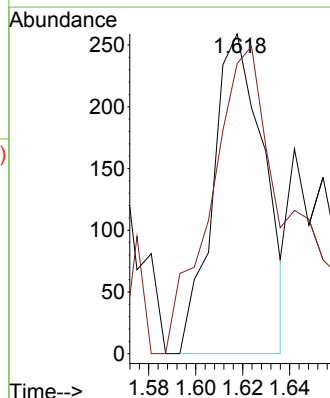
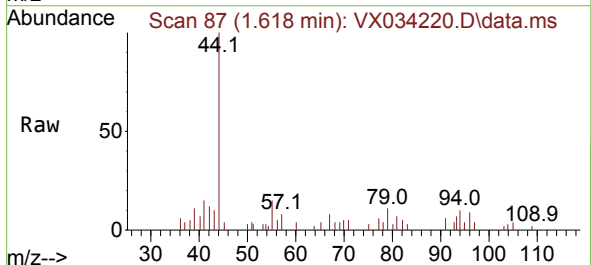
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

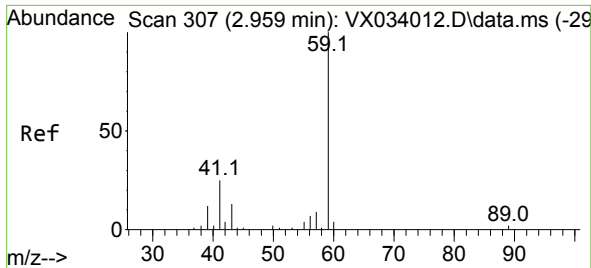
Tgt Ion:168 Resp: 304117
Ion Ratio Lower Upper
168 100
99 53.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

Tgt Ion: 94 Resp: 393
Ion Ratio Lower Upper
94 100
96 65.6 74.3 111.5#

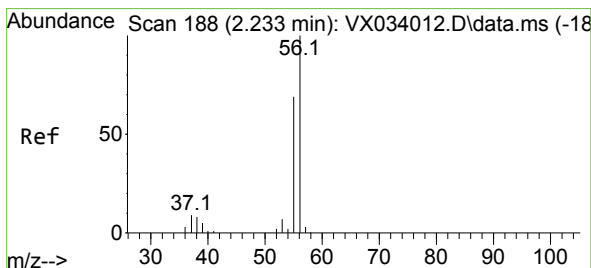
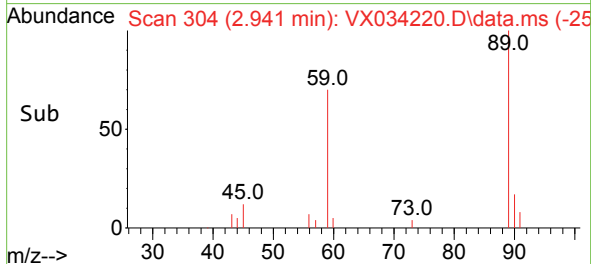
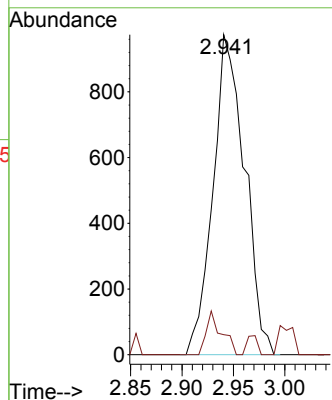
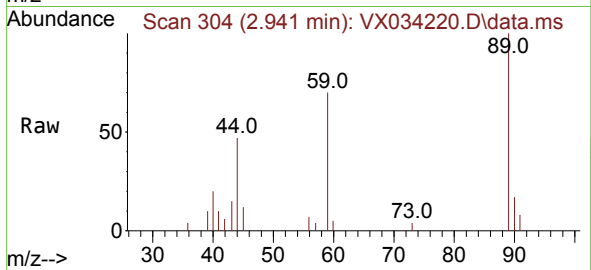




#11
Tert butyl alcohol
Concen: 2.275 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

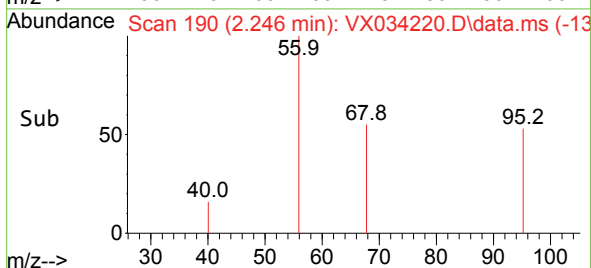
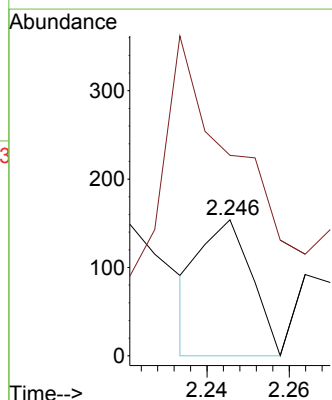
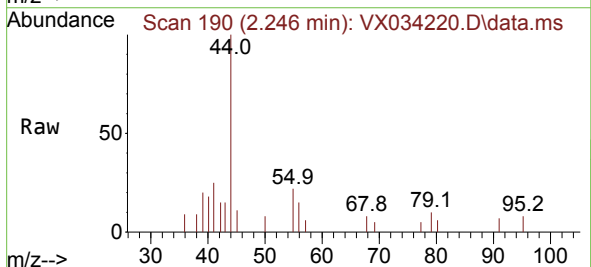
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

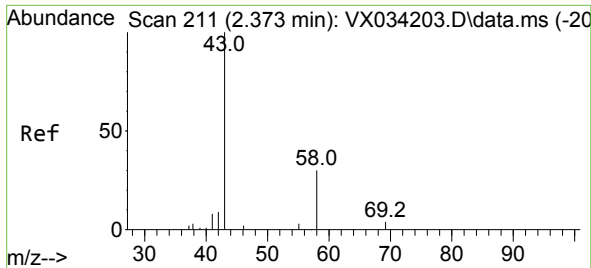
Tgt Ion: 59 Resp: 2084
Ion Ratio Lower Upper
59 100
57 6.6 3.7 5.5#



#13
Acrolein
Concen: 0.318 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 225.6 56.3 84.5#

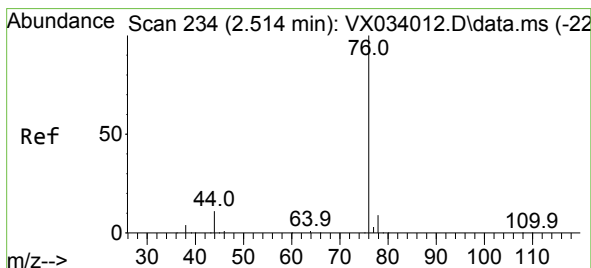
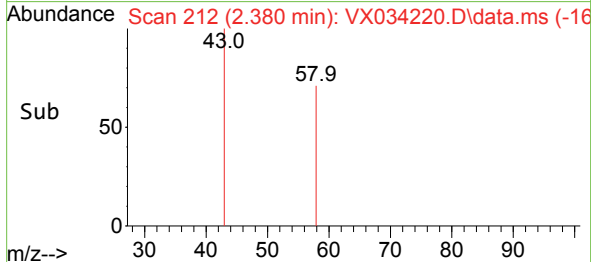
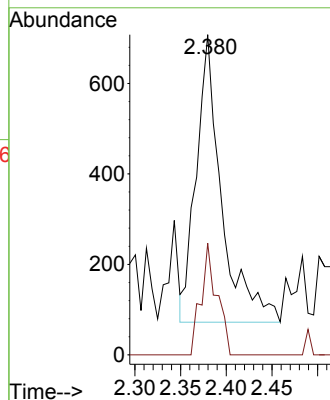
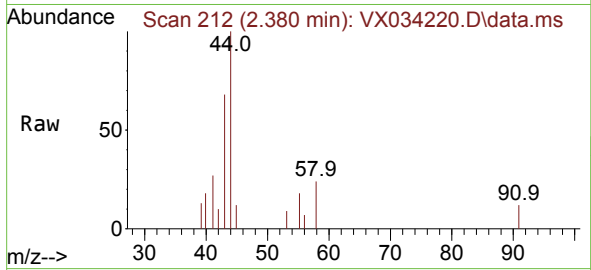




#16
Acetone
Concen: 0.581 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

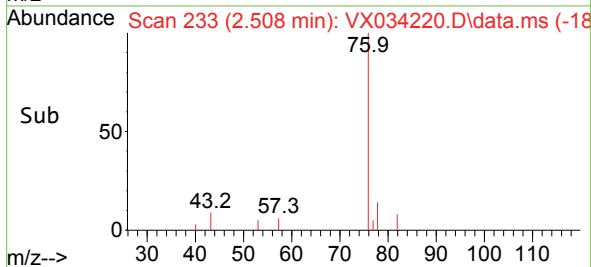
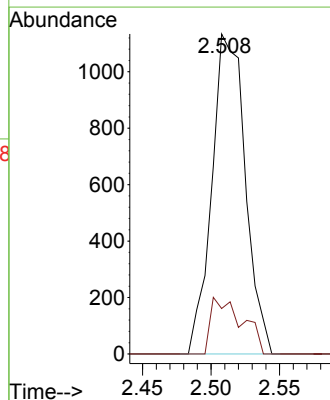
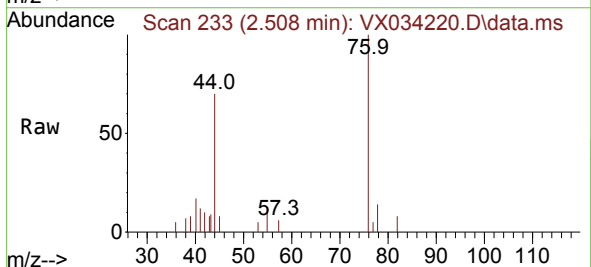
Instrument :
MSVOA_X
ClientSampleId :
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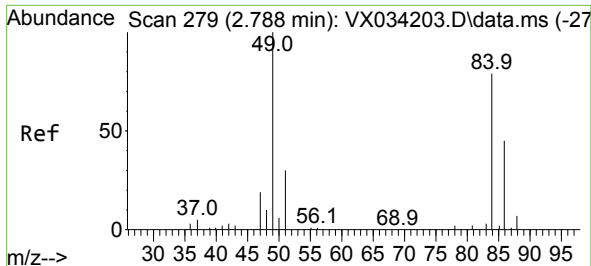
Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
58 38.8 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

Tgt Ion: 76 Resp: 1924
Ion Ratio Lower Upper
76 100
78 14.2 7.0 10.6#

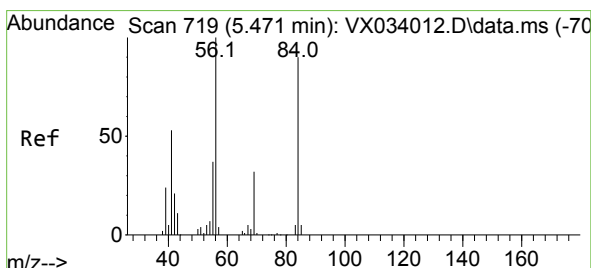
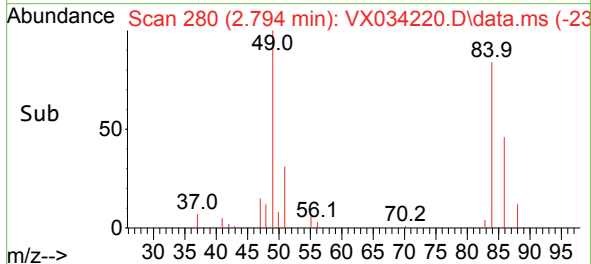
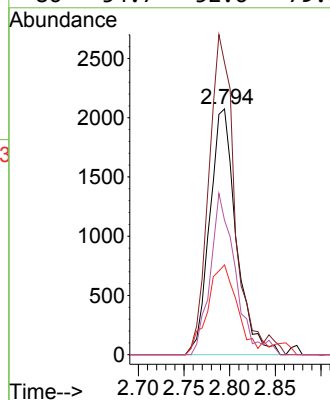
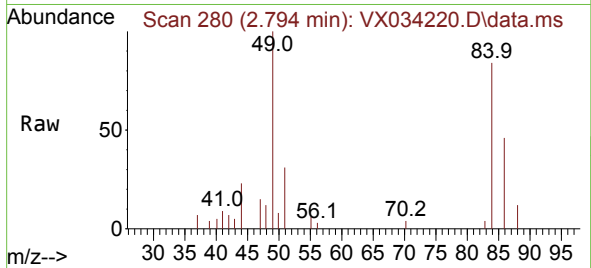




#20
Methylene Chloride
Concen: 1.101 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

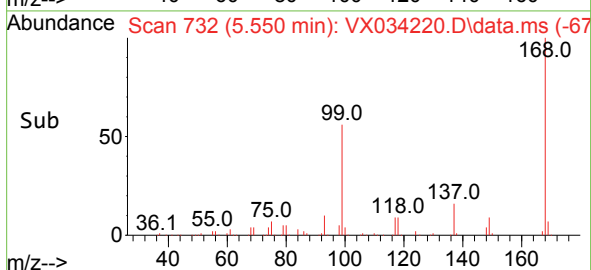
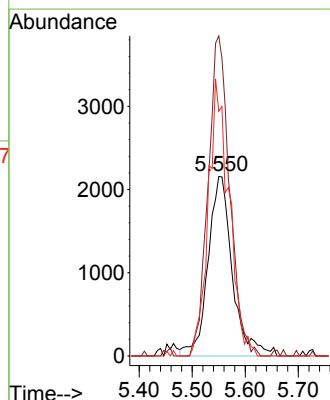
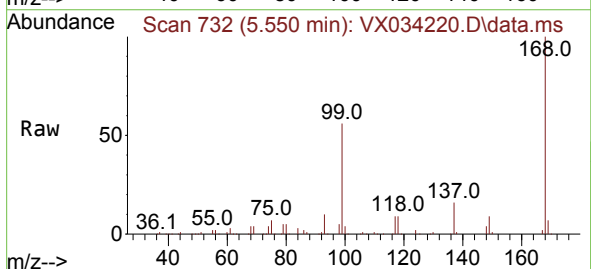
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

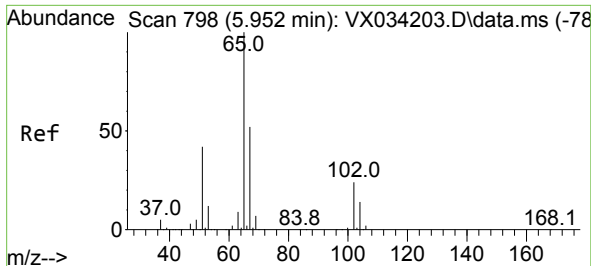
Tgt Ion:	84	Resp:	4190
Ion	Ratio	Lower	Upper
84	100		
49	118.9	101.1	151.7
51	36.5	31.0	46.6
86	54.7	52.6	79.0



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

Tgt Ion:	56	Resp:	6870
Ion	Ratio	Lower	Upper
56	100		
69	178.2	24.6	37.0#
84	136.3	71.0	106.6#

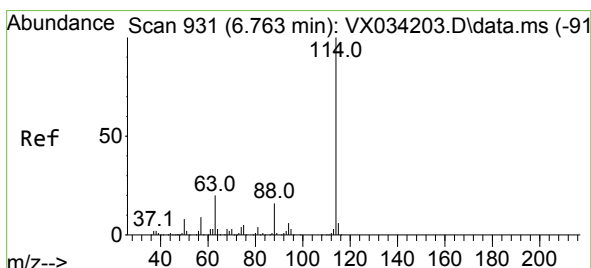
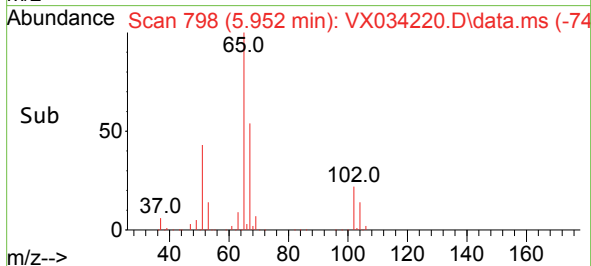
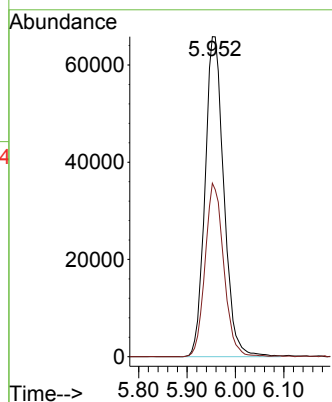
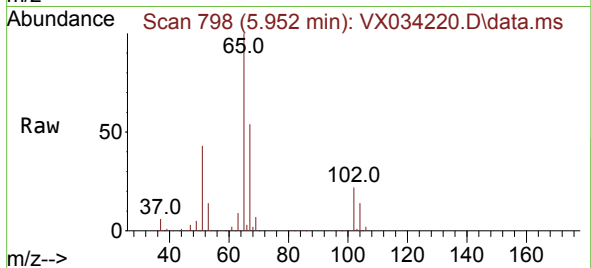




#33
 1,2-Dichloroethane-d4
 Concen: 43.533 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034220.D
 Acq: 22 Feb 2023 11:26

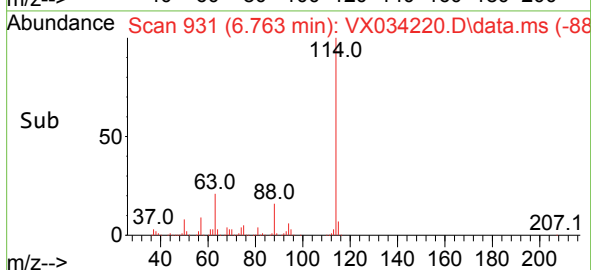
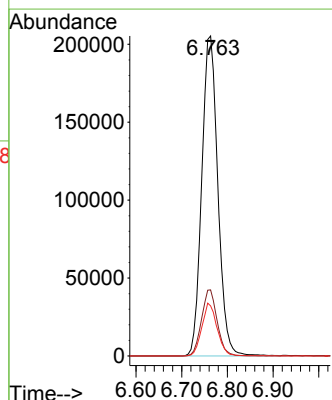
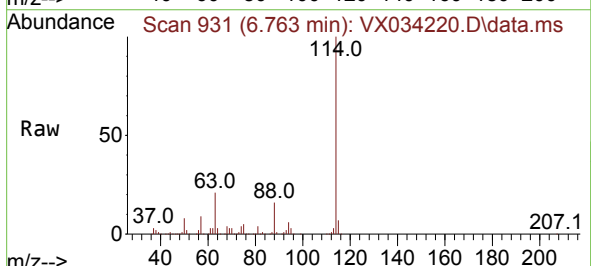
Instrument :
 MSVOA_X
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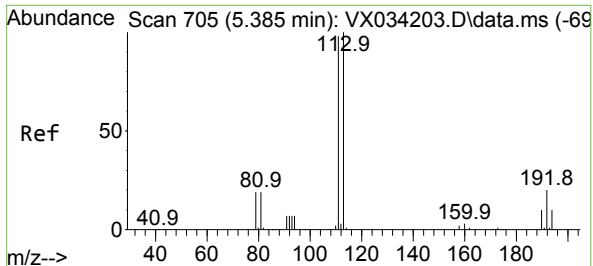
Tgt Ion: 65 Resp: 178299
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034220.D
 Acq: 22 Feb 2023 11:26

Tgt Ion: 114 Resp: 501675
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.4
 88 15.7 0.0 30.6

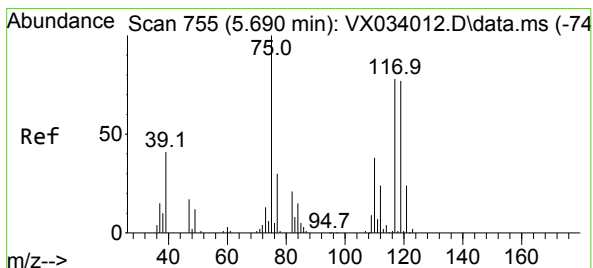
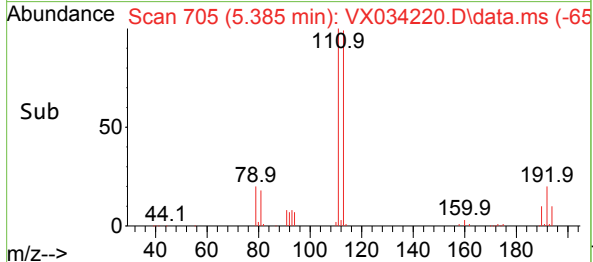
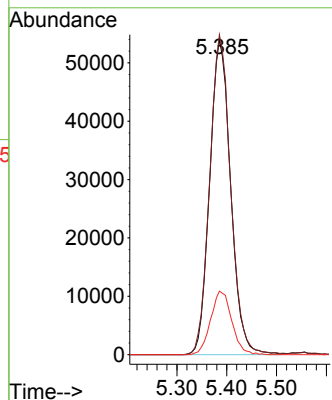
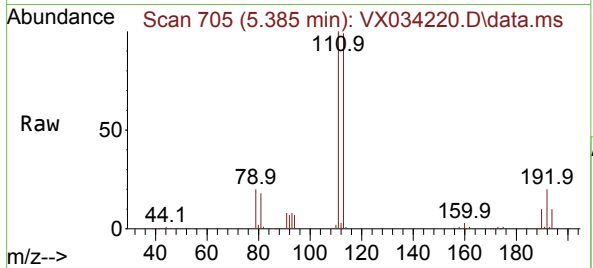




#35
Dibromofluoromethane
Concen: 48.243 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

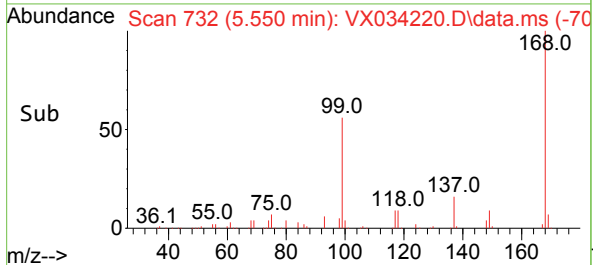
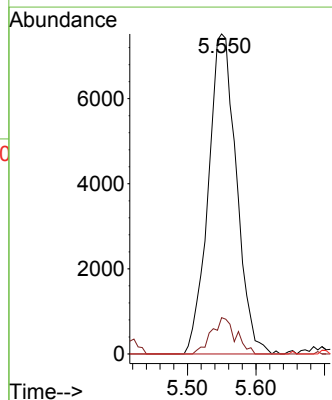
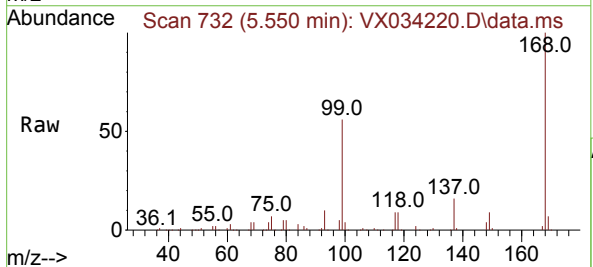
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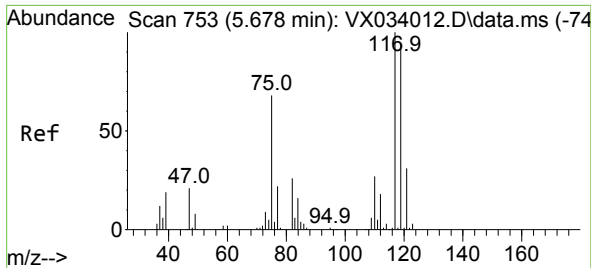
Tgt Ion:113 Resp: 157580
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 20.3 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.442 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

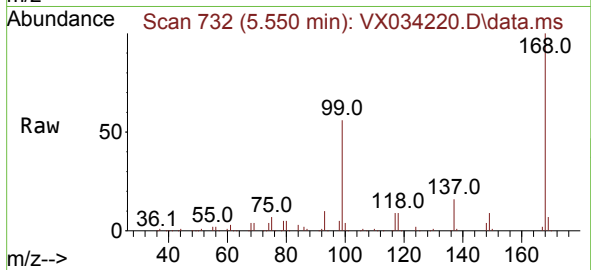
Tgt Ion: 75 Resp: 21459
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.4#
77 0.0 25.1 37.7#



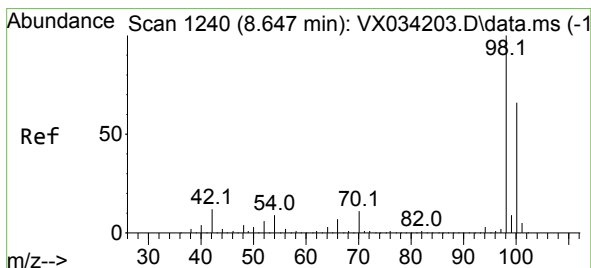
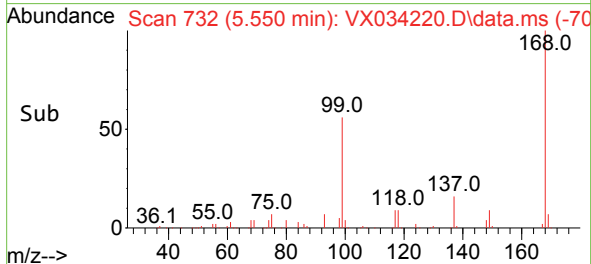
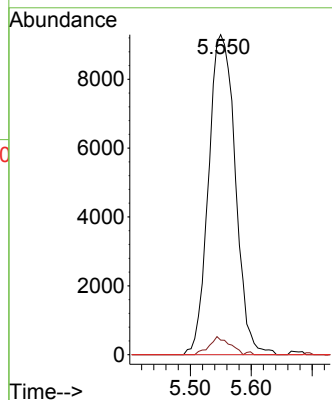


#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

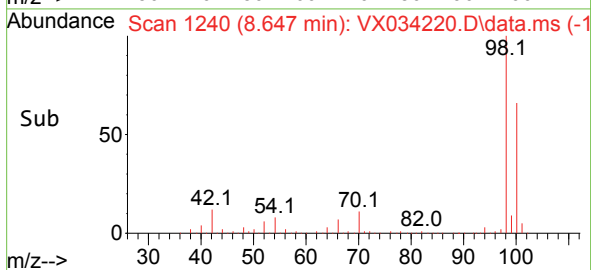
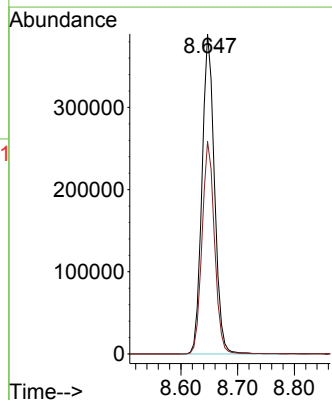
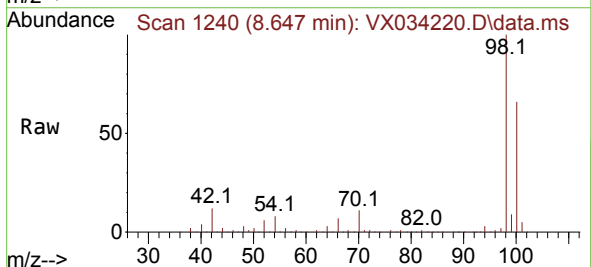


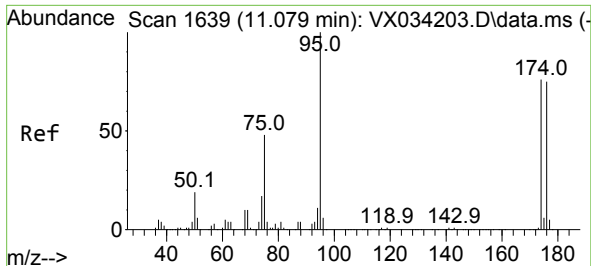
Tgt Ion:117 Resp: 28335
Ion Ratio Lower Upper
117 100
119 4.6 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.723 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

Tgt Ion: 98 Resp: 594850
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

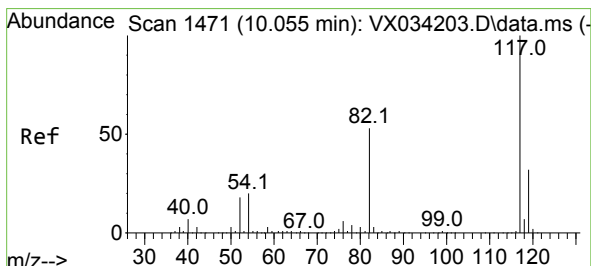
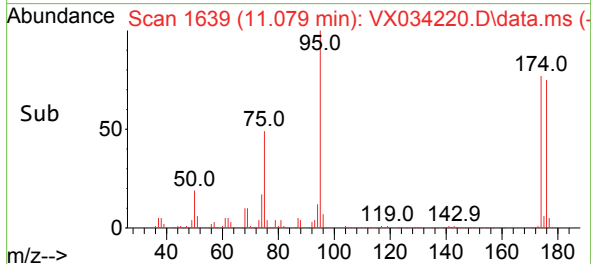
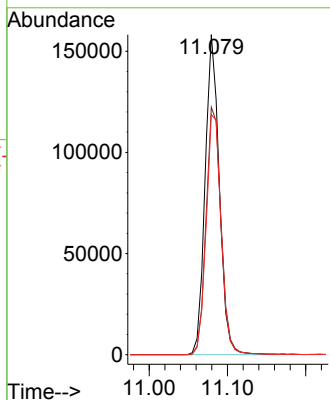
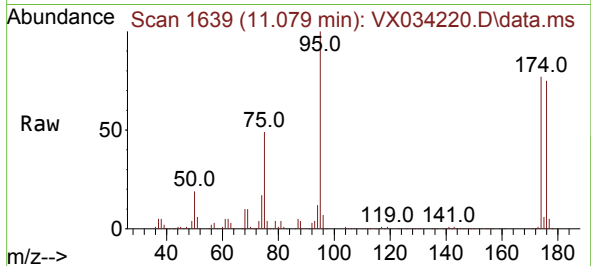




#62
4-Bromofluorobenzene
Concen: 44.101 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

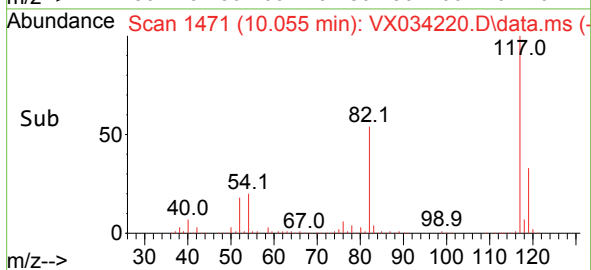
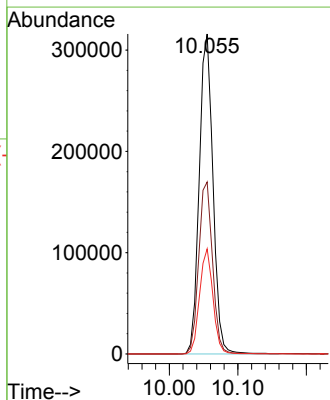
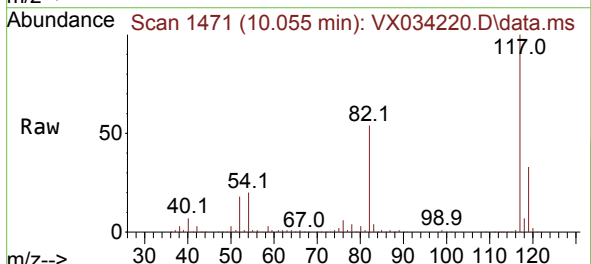
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

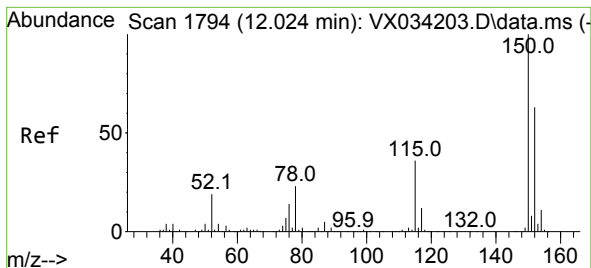
Tgt Ion: 95 Resp: 197831
Ion Ratio Lower Upper
95 100
174 82.3 0.0 184.4
176 79.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

Tgt Ion: 117 Resp: 440818
Ion Ratio Lower Upper
117 100
82 53.8 40.6 60.8
119 32.8 25.6 38.4

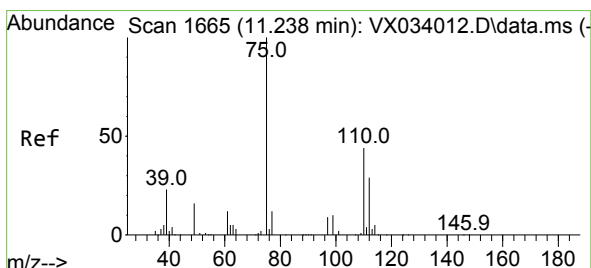
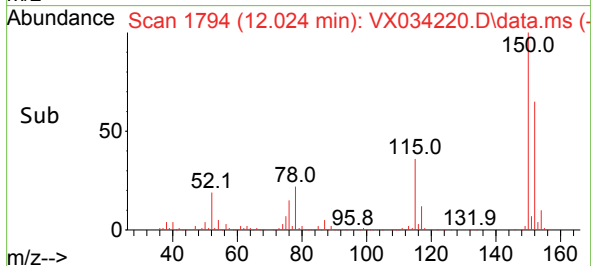
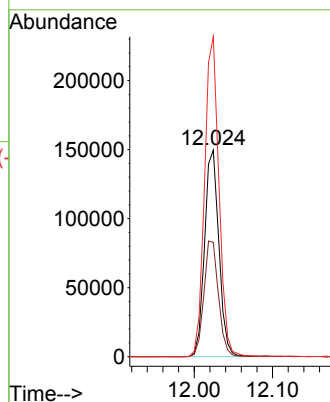
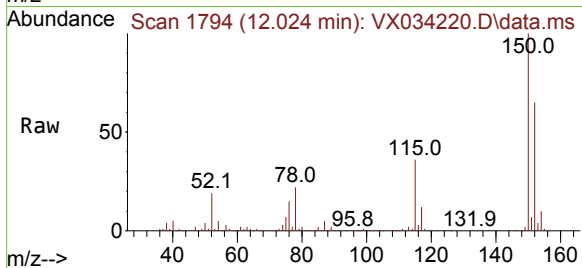




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

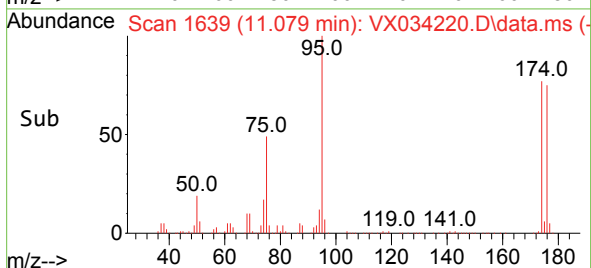
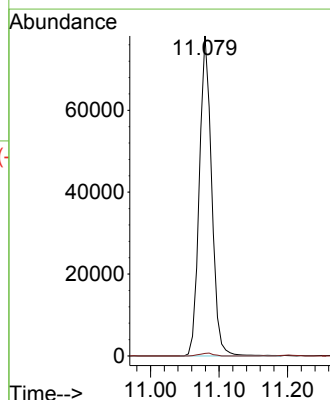
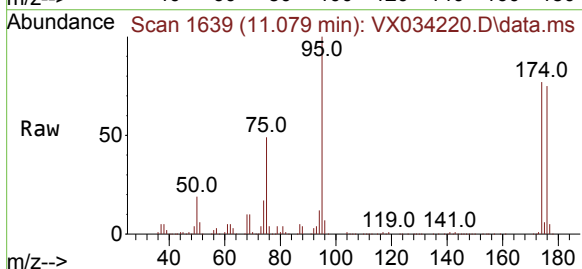
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

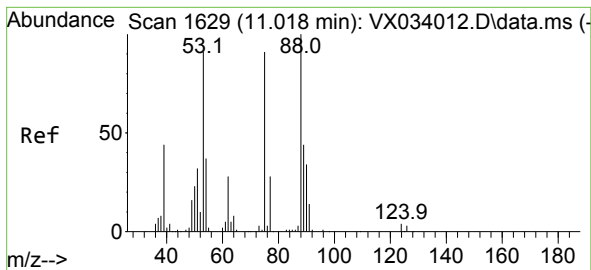
Tgt Ion:152 Resp: 190386
Ion Ratio Lower Upper
152 100
115 56.9 38.7 116.1
150 155.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 20.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034220.D
Acq: 22 Feb 2023 11:26

Tgt Ion: 75 Resp: 98052
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.579 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034220.D
 Acq: 22 Feb 2023 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

Tgt Ion: 75 Resp: 98052
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

