

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034174.D
 Acq On : 20 Feb 2023 09:39
 Operator : JC/MD
 Sample : VX0220MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220MBL01

Quant Time: Feb 21 01:03:04 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)

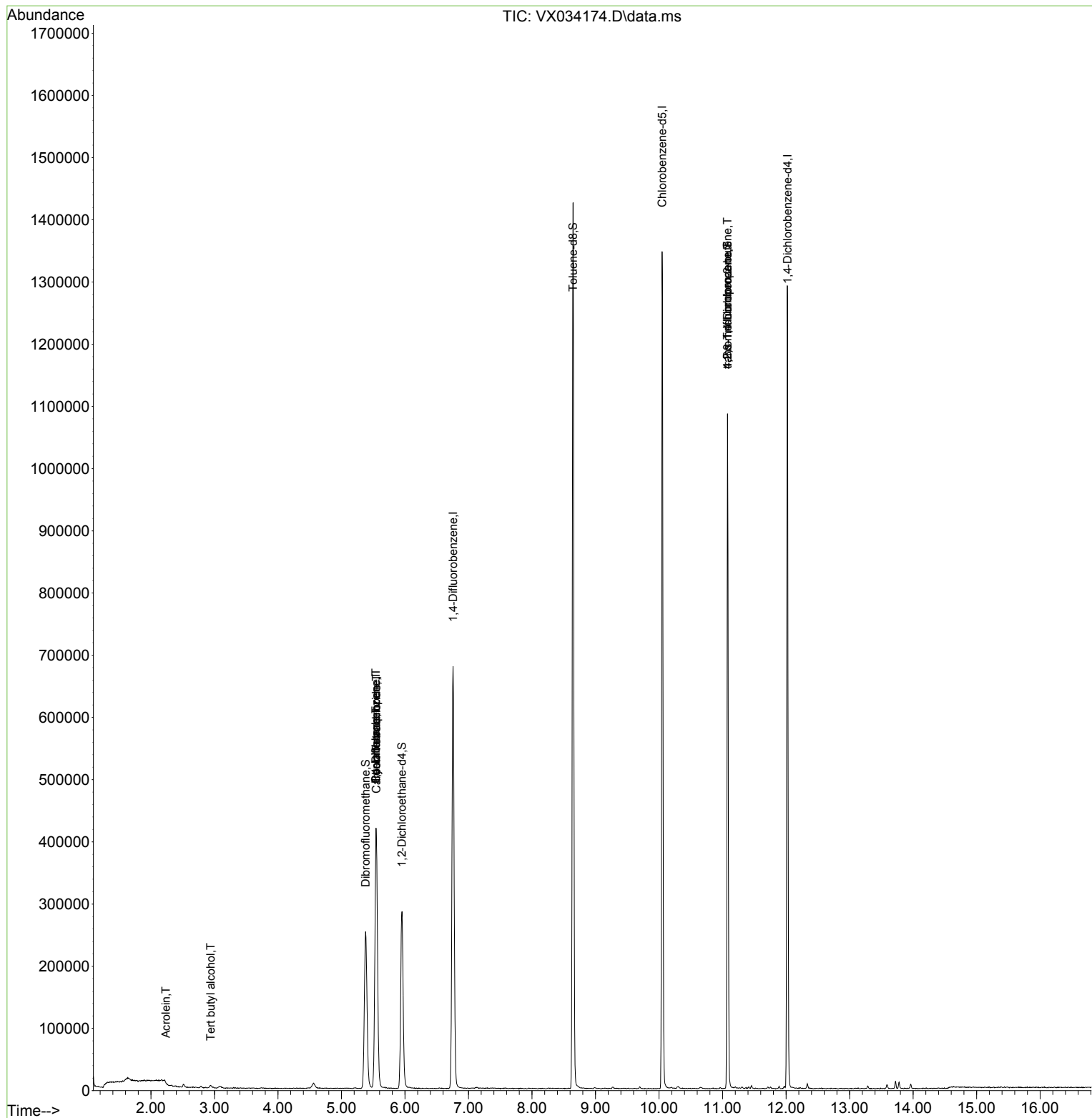
Internal Standards						
1) Pentafluorobenzene	5.544	168	409343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	697870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	610790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	267392	48.503	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.000%	
35) Dibromofluoromethane	5.379	113	225989	49.736	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.480%	
50) Toluene-d8	8.647	98	836003	51.245	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.500%	
62) 4-Bromofluorobenzene	11.079	95	296548	47.523	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.040%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	879	Below Cal	#	66
11) Tert butyl alcohol	2.940	59	2362	1.916	ug/l #	93
13) Acrolein	2.233	56	658	1.169	ug/l #	41
31) Cyclohexane	5.544	56	8803	1.070	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	32858	4.890	ug/l #	48
38) Carbon Tetrachloride	5.550	117	41189	5.957	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	147639	21.707	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	147639	55.762	ug/l #	8

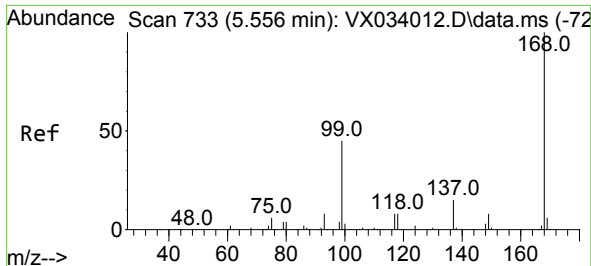
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBL01

Quant Time: Feb 21 01:03:04 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

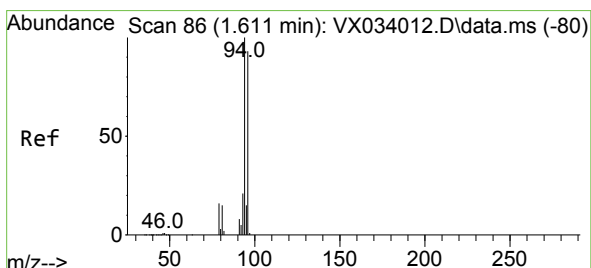
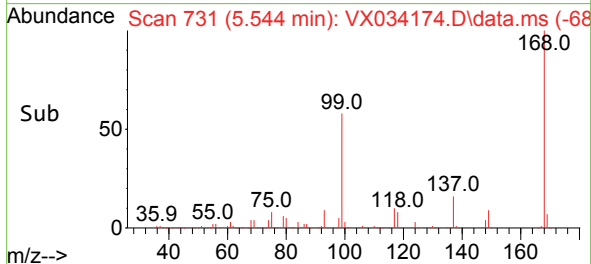
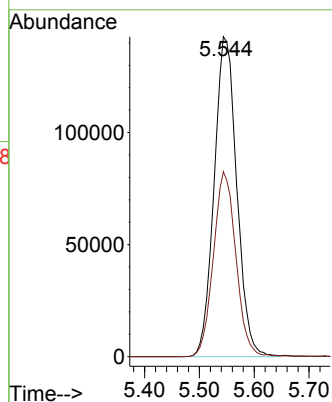
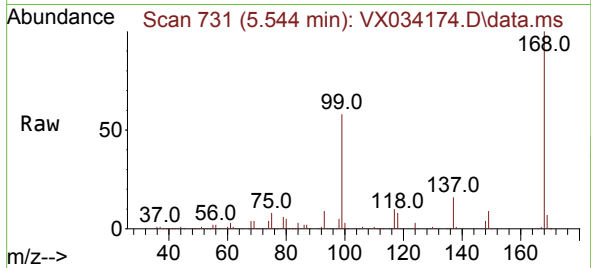




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

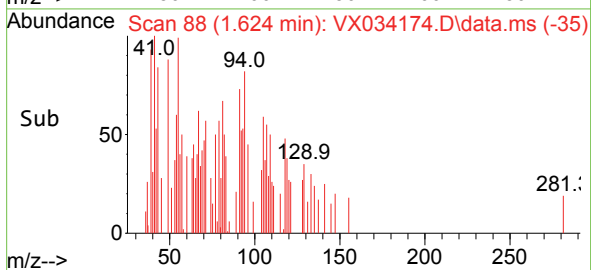
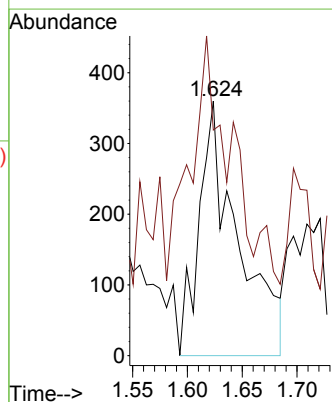
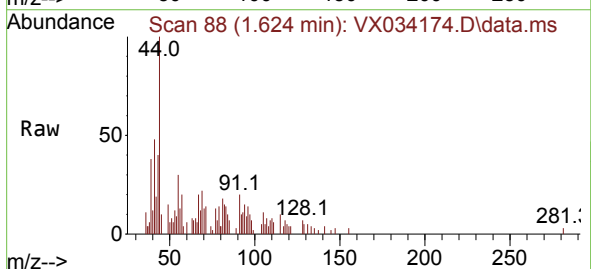
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBL01

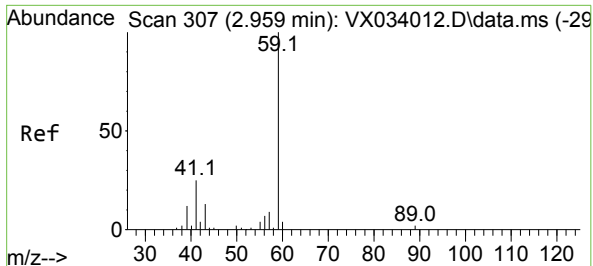
Tgt Ion:168 Resp: 409343
Ion Ratio Lower Upper
168 100
99 57.8 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Tgt Ion: 94 Resp: 879
Ion Ratio Lower Upper
94 100
96 60.6 74.3 111.5#

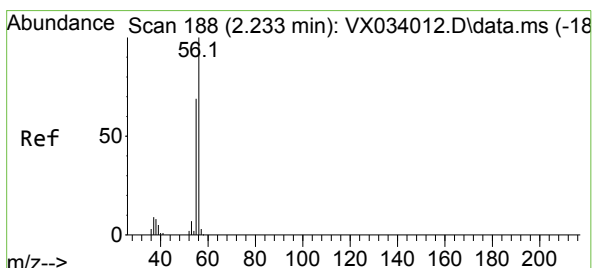
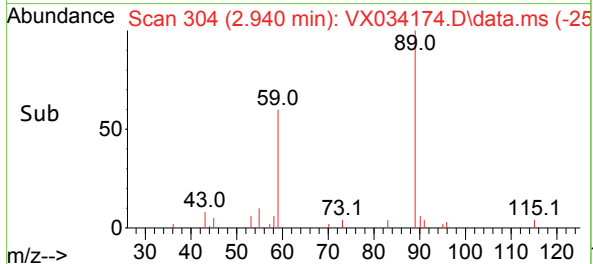
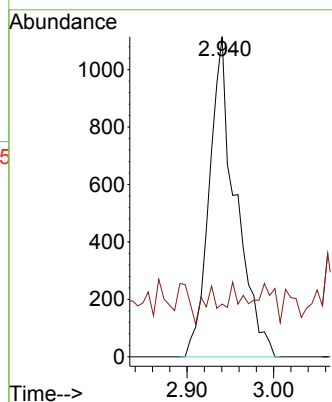
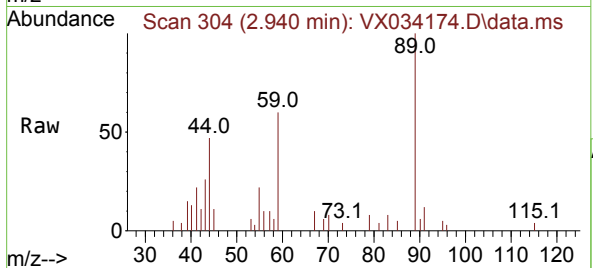




#11
Tert butyl alcohol
Concen: 1.916 ug/l
RT: 2.940 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

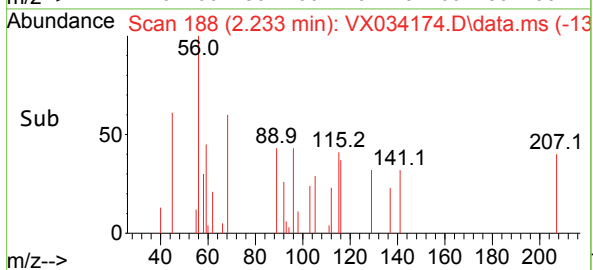
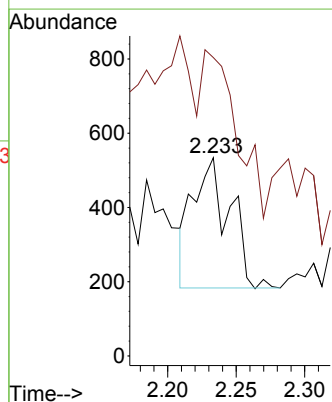
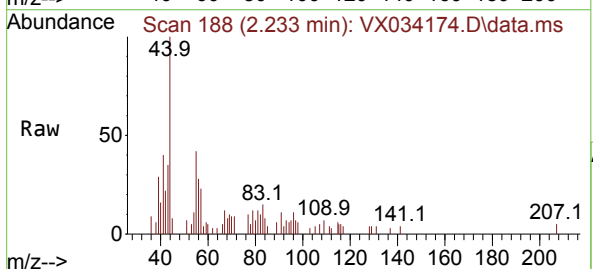
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBL01

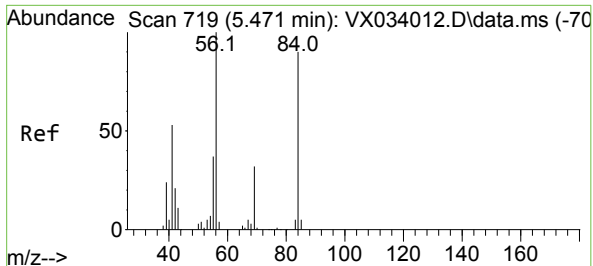
Tgt Ion: 59 Resp: 2362
Ion Ratio Lower Upper
59 100
57 2.4 3.7 5.5#



#13
Acrolein
Concen: 1.169 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

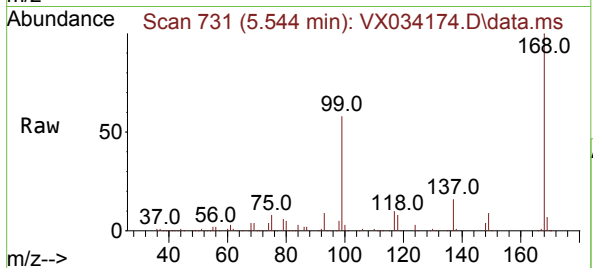
Tgt Ion: 56 Resp: 658
Ion Ratio Lower Upper
56 100
55 118.7 56.3 84.5#



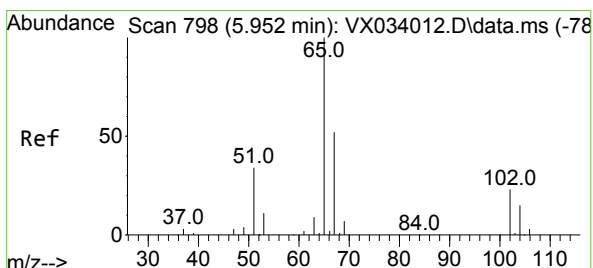
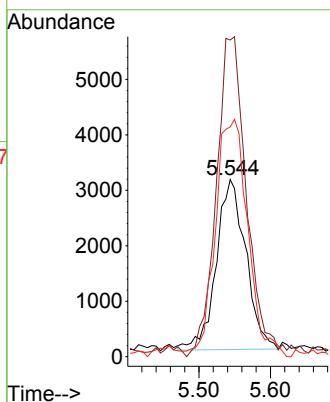
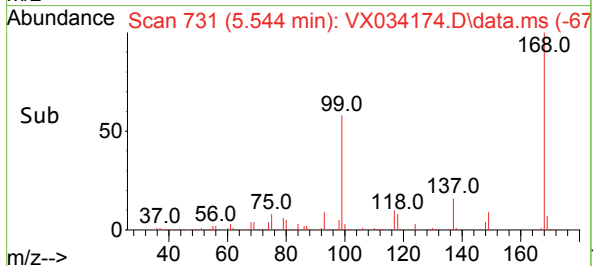


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBL01

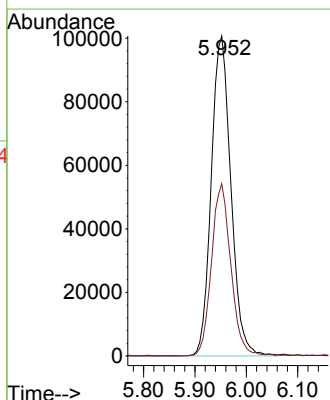
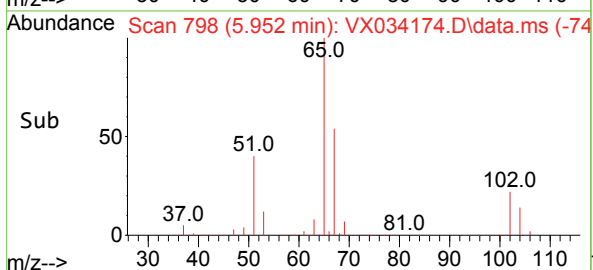
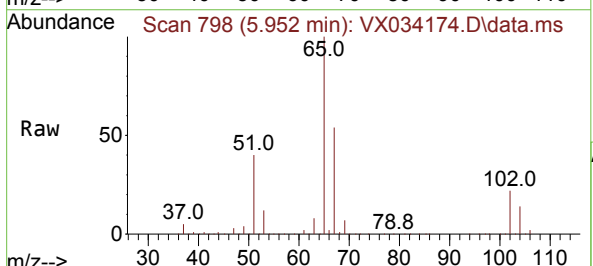


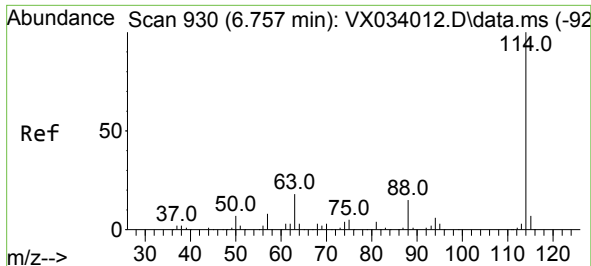
Tgt Ion: 56 Resp: 8803
Ion Ratio Lower Upper
56 100
69 182.9 24.6 37.0#
84 132.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 48.503 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Tgt Ion: 65 Resp: 267392
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8

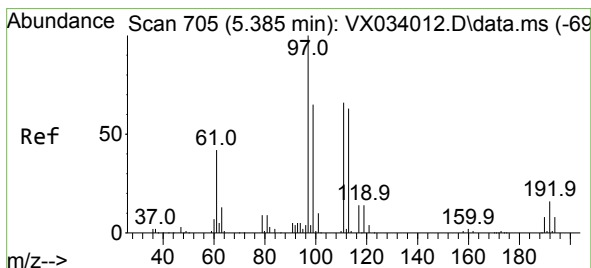
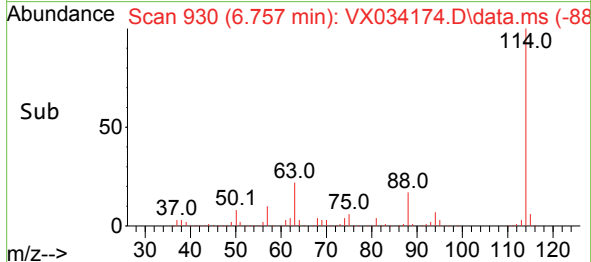
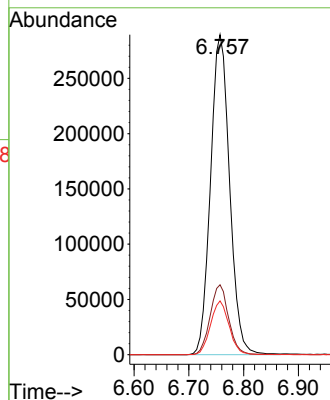
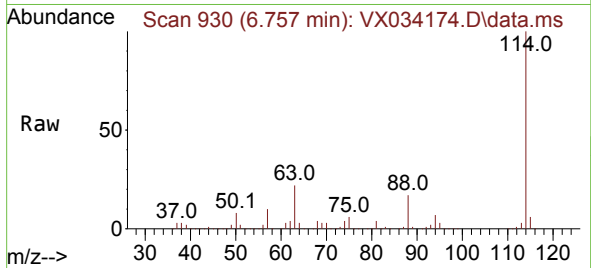




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

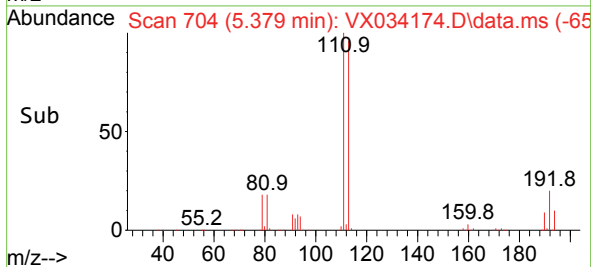
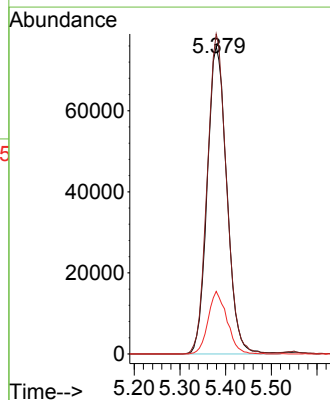
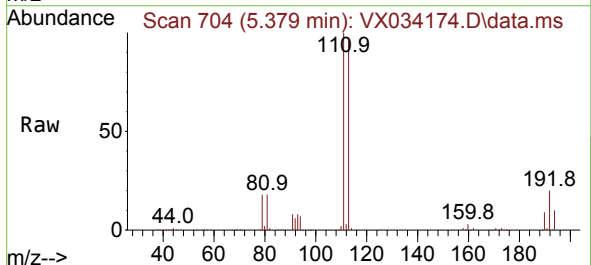
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBL01

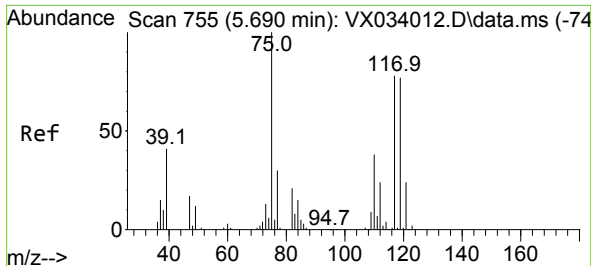
Tgt Ion:114 Resp: 697870
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.4
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Tgt Ion:113 Resp: 225989
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 19.6 19.0 28.4

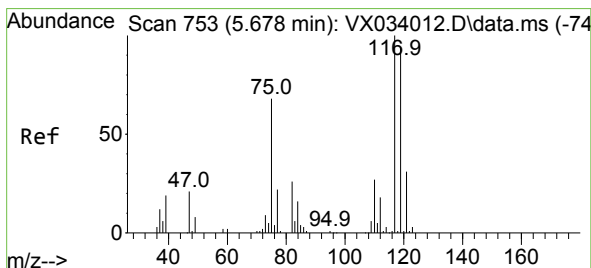
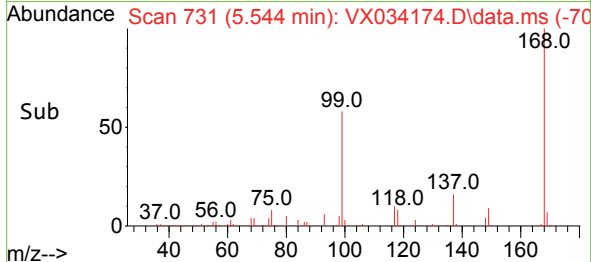
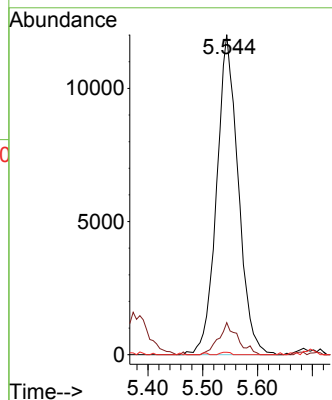
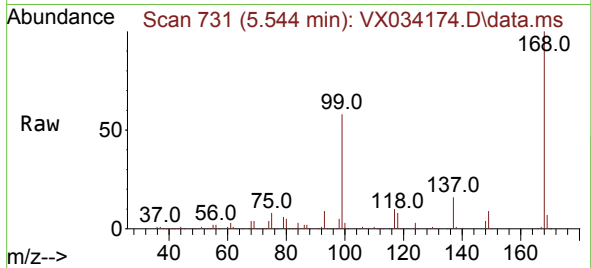




#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

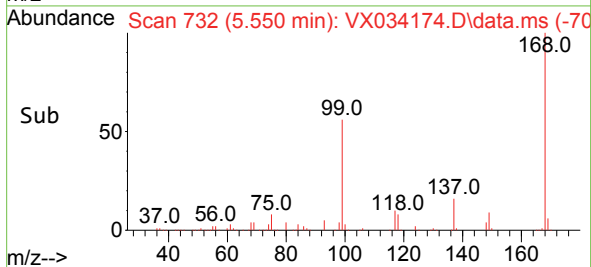
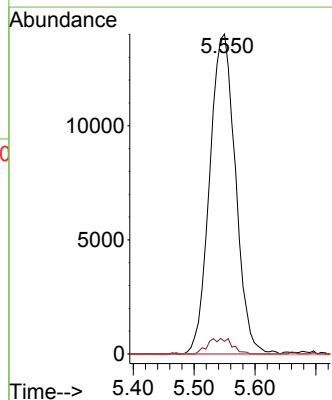
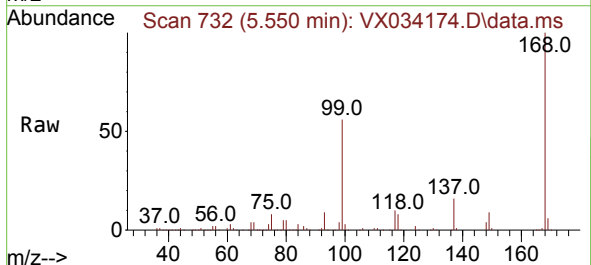
Instrument :
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ClientSampleId :
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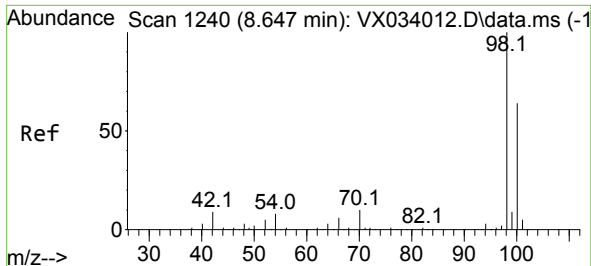
Tgt Ion: 75 Resp: 32858
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.3 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Tgt Ion: 117 Resp: 41189
Ion Ratio Lower Upper
117 100
119 4.0 78.0 117.0#
121 0.0 24.4 36.6#

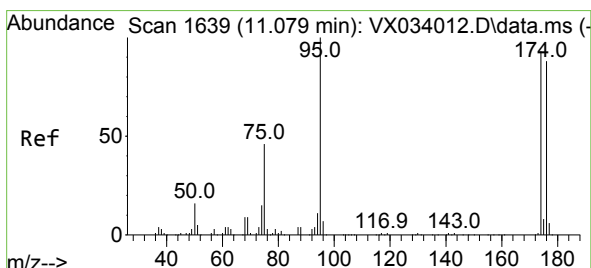
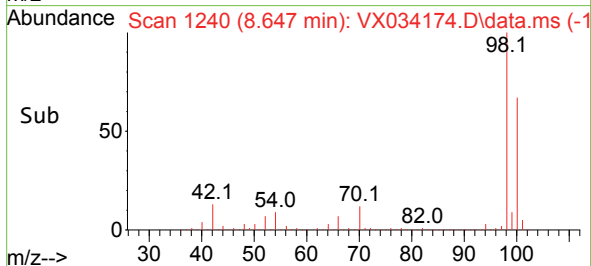
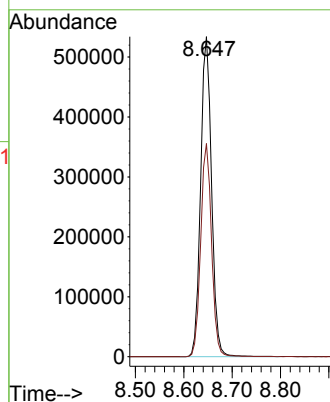
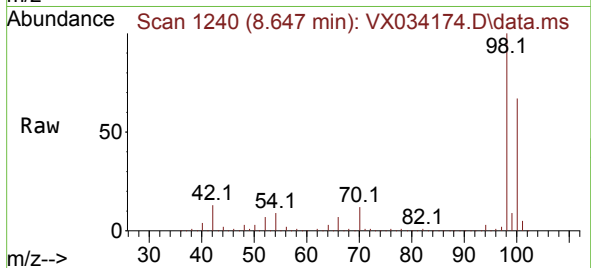




#50
Toluene-d8
Concen: 51.245 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

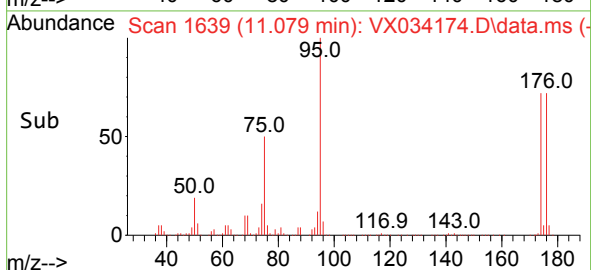
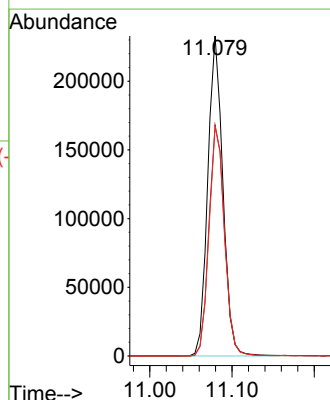
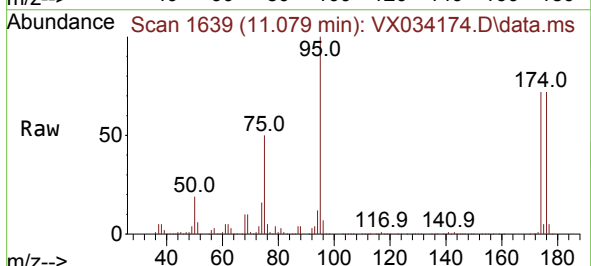
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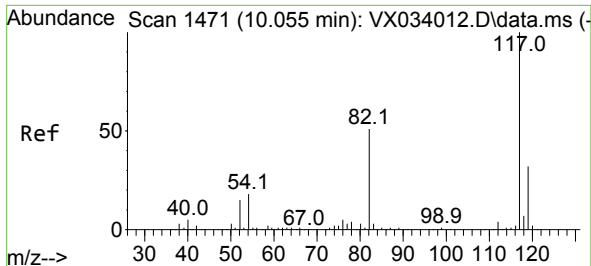
Tgt Ion: 98 Resp: 836003
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Tgt Ion: 95 Resp: 296548
Ion Ratio Lower Upper
95 100
174 74.7 0.0 184.4
176 73.0 0.0 178.8

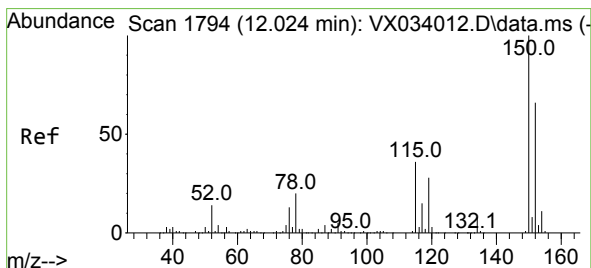
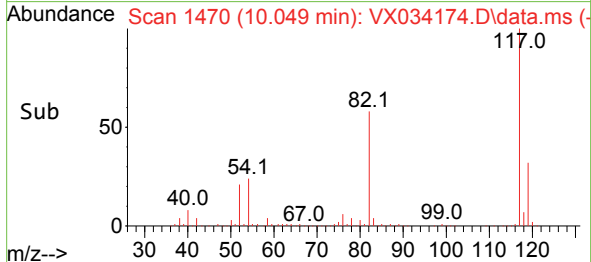
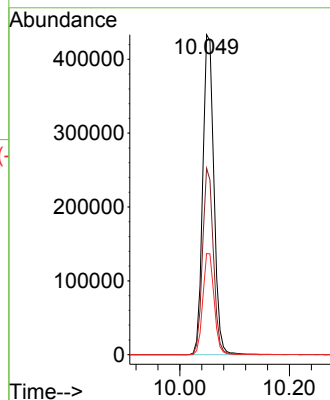
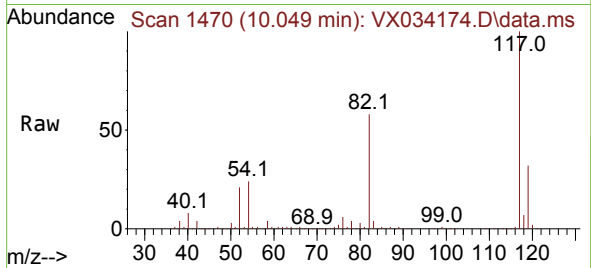




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

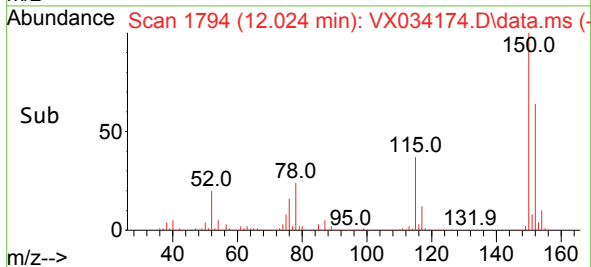
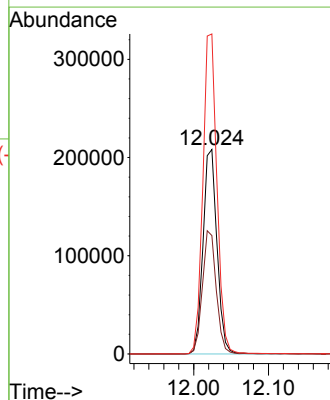
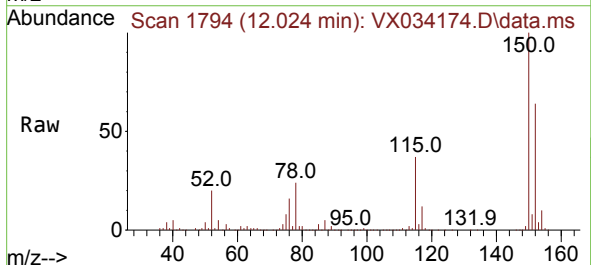
Instrument :
MSVOA_X
ClientSampleId :
VX0220MBL01

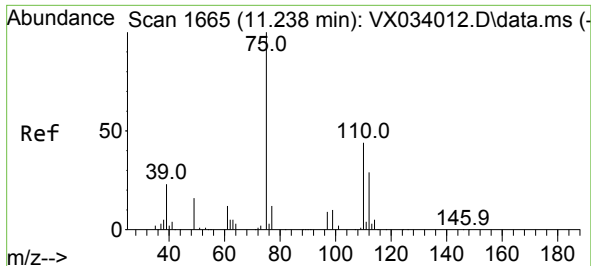
Tgt Ion:117 Resp: 610790
Ion Ratio Lower Upper
117 100
82 58.2 40.6 60.8
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Tgt Ion:152 Resp: 270303
Ion Ratio Lower Upper
152 100
115 59.7 38.7 116.1
150 157.3 0.0 348.2

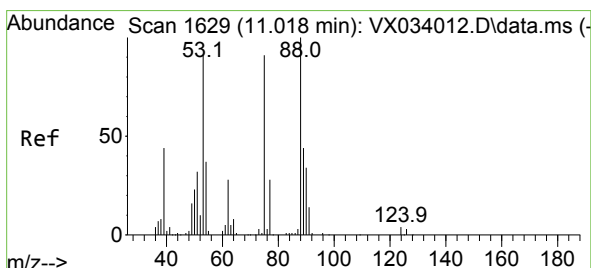
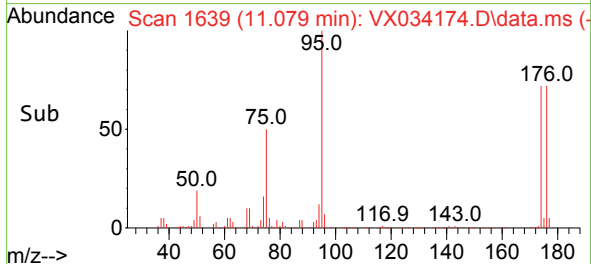
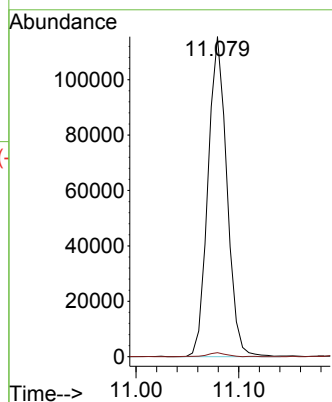
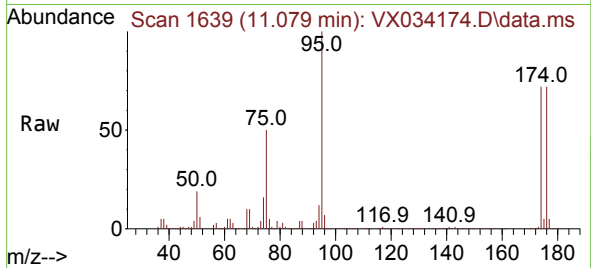




#76
1,2,3-Trichloropropane
Concen: 21.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VX0220MBL01

Tgt Ion: 75 Resp: 147639
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034174.D
Acq: 20 Feb 2023 09:39

Tgt Ion: 75 Resp: 147639
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

