

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034934.D
 Acq On : 03 Apr 2023 15:57
 Operator : JC/MD
 Sample : 02080-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-6

Quant Time: Apr 03 21:38:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

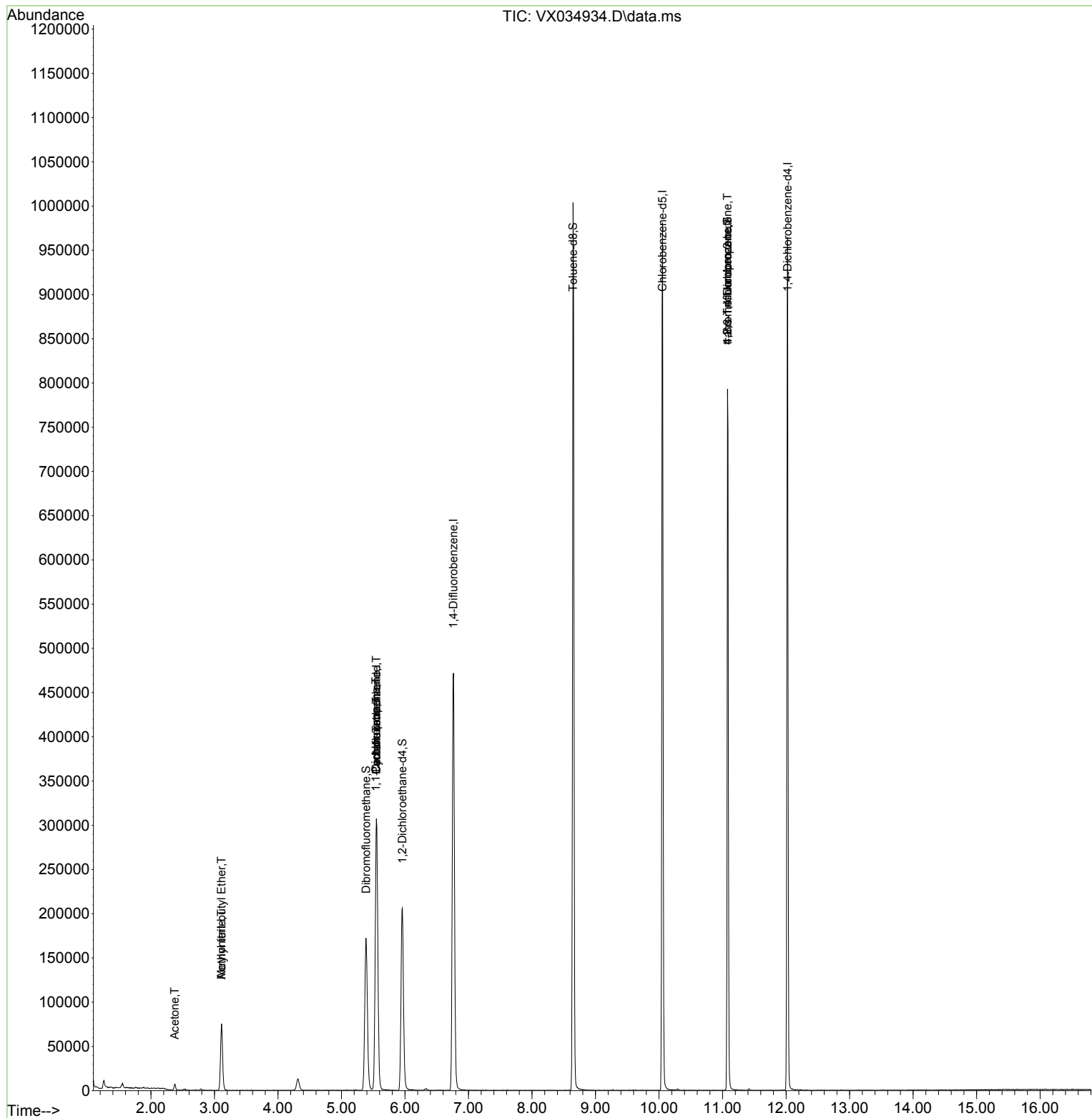
Internal Standards						
1) Pentafluorobenzene	5.550	168	275805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209786	49.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.480%
35) Dibromofluoromethane	5.385	113	148923	47.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	8.647	98	568530	49.628	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.079	95	214168	48.311	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.620%
Target Compounds						
					Qvalue	
15) Acrylonitrile	3.111	53	906	0.544	ug/l #	15
16) Acetone	2.373	43	7247	4.229	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	78918	7.528	ug/l	98
31) Cyclohexane	5.550	56	6594	1.284	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	24137	5.249	ug/l #	51
38) Carbon Tetrachloride	5.550	117	29678	6.846	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	117752	30.718	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	117752	92.061	ug/l #	8

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

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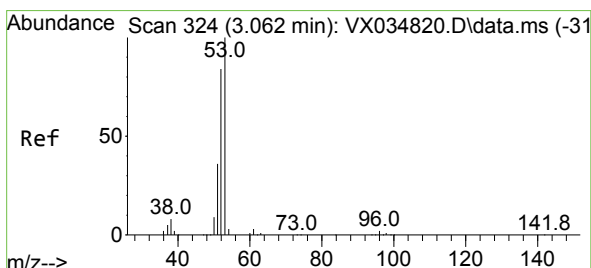
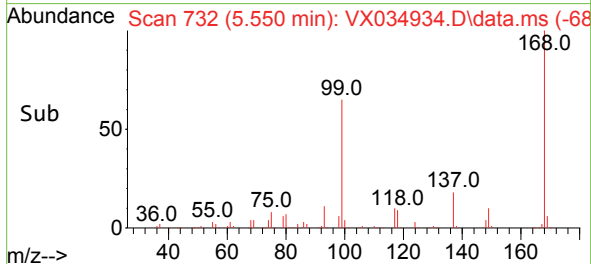
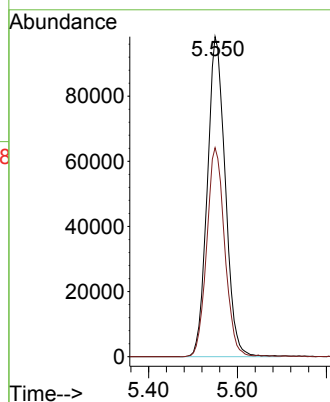
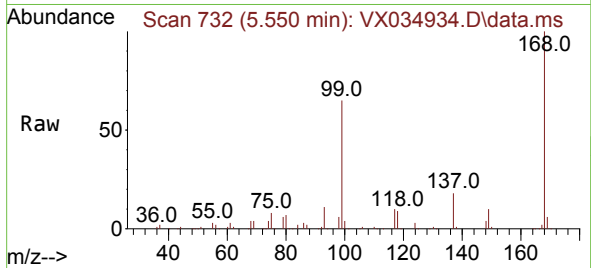




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

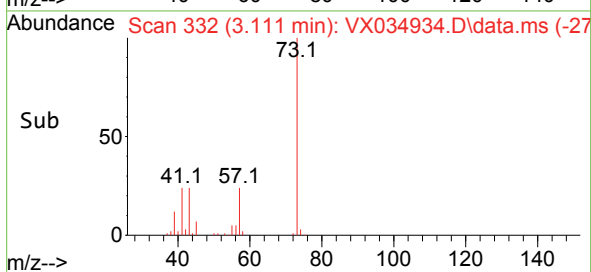
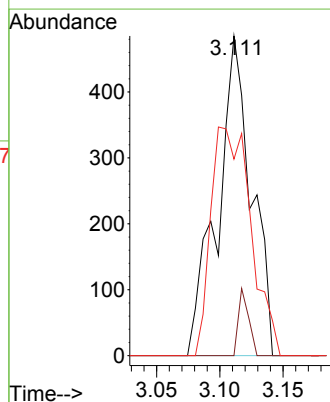
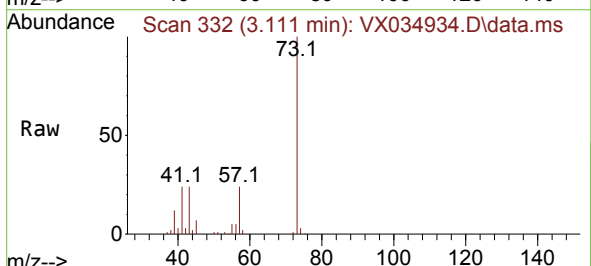
Instrument :
MSVOA_X
ClientSampleId :
T-6

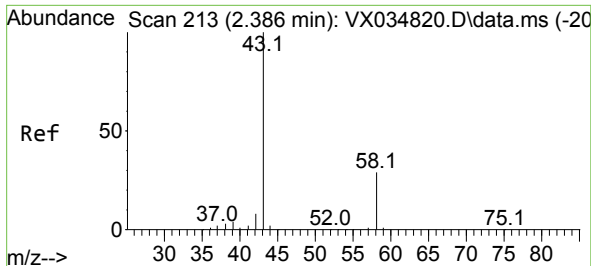
Tgt Ion:168 Resp: 275805
Ion Ratio Lower Upper
168 100
99 65.3 45.7 68.5



#15
Acrylonitrile
Concen: 0.544 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.049 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

Tgt Ion: 53 Resp: 906
Ion Ratio Lower Upper
53 100
52 6.3 66.2 99.2#
51 84.2 28.3 42.5#

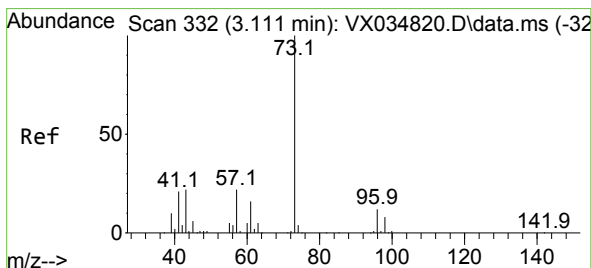
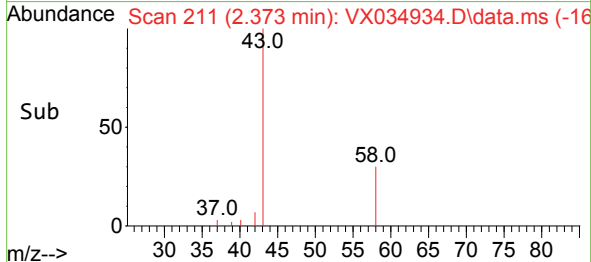
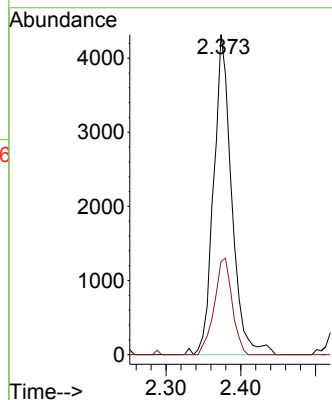
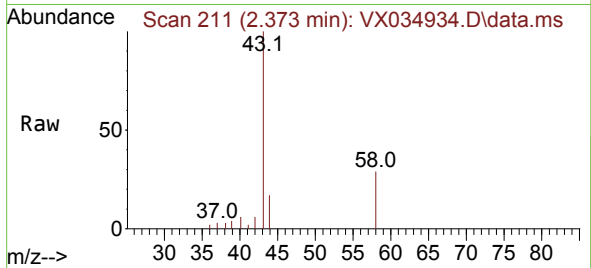




#16
Acetone
Concen: 4.229 ug/l
RT: 2.373 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

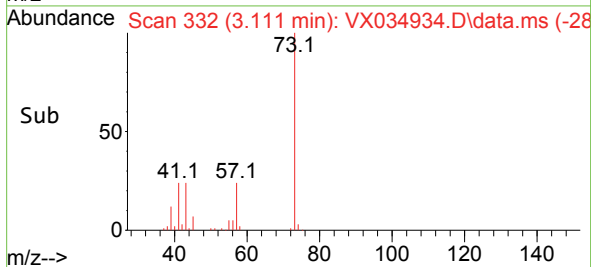
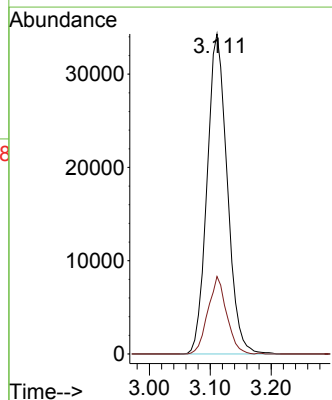
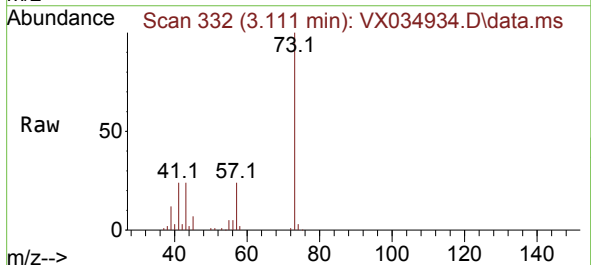
Instrument :
MSVOA_X
ClientSampleId :
T-6

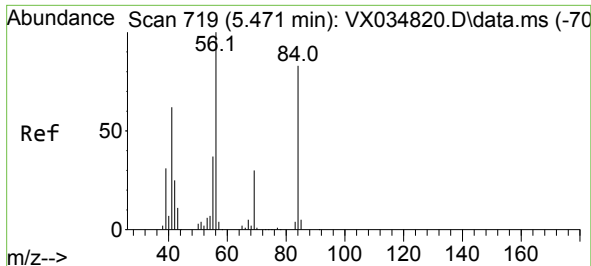
Tgt Ion: 43 Resp: 7247
Ion Ratio Lower Upper
43 100
58 29.1 24.7 37.1



#19
Methyl tert-butyl Ether
Concen: 7.528 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

Tgt Ion: 73 Resp: 78918
Ion Ratio Lower Upper
73 100
57 24.2 18.5 27.7

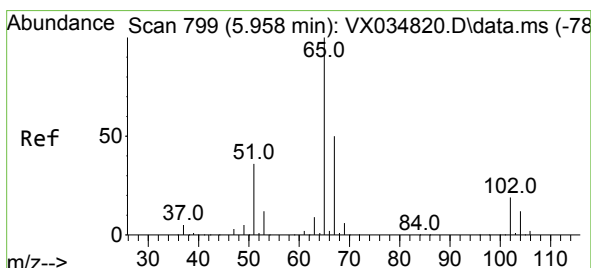
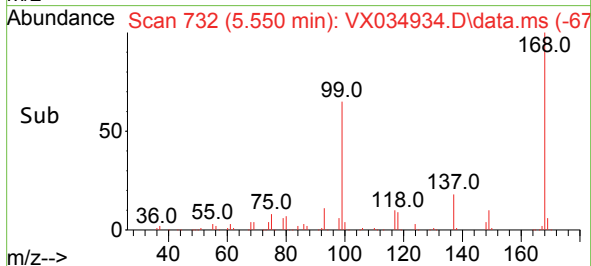
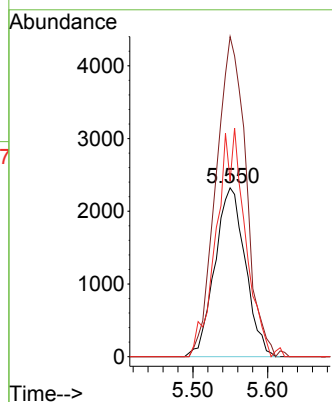
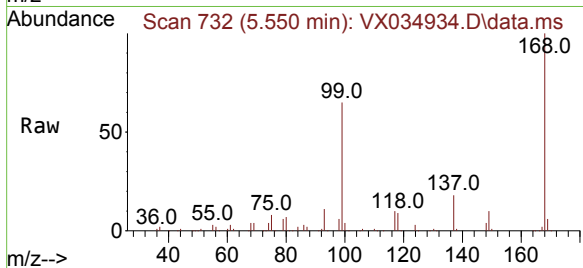




#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

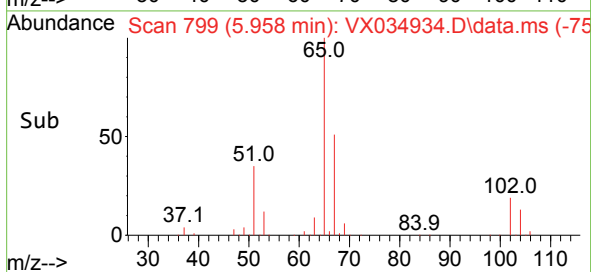
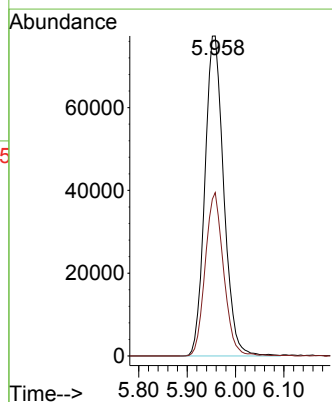
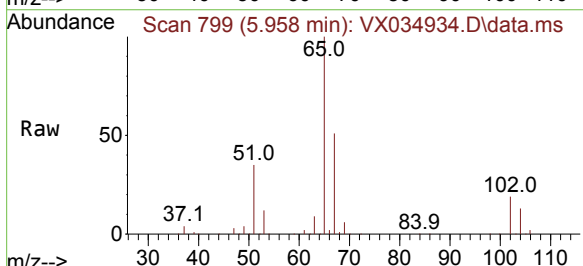
Instrument :
MSVOA_X
ClientSampleId :
T-6

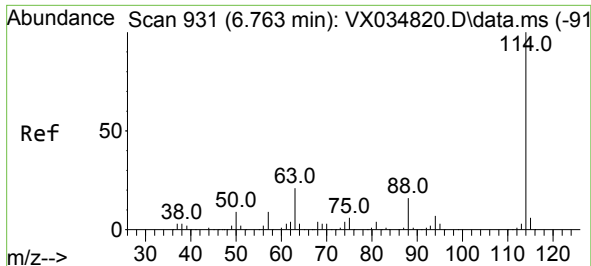
Tgt Ion: 56 Resp: 6594
Ion Ratio Lower Upper
56 100
69 189.6 23.7 35.5#
84 104.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.735 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

Tgt Ion: 65 Resp: 209786
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX034934.D

Acq: 03 Apr 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

T-6

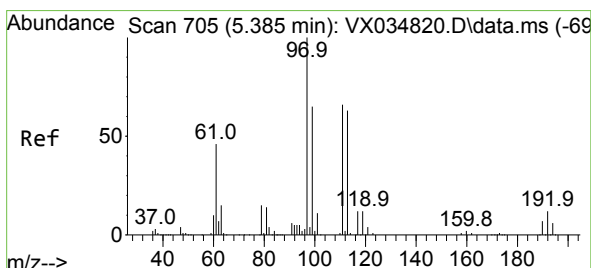
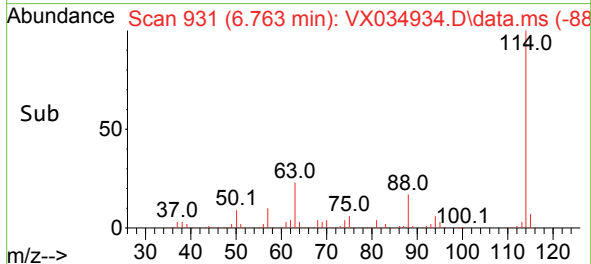
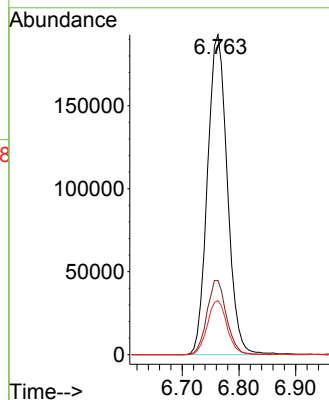
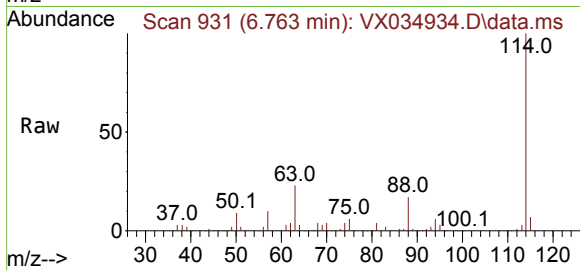
Tgt Ion:114 Resp: 469240

Ion Ratio Lower Upper

114 100

63 23.2 0.0 42.2

88 16.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.983 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034934.D

Acq: 03 Apr 2023 15:57

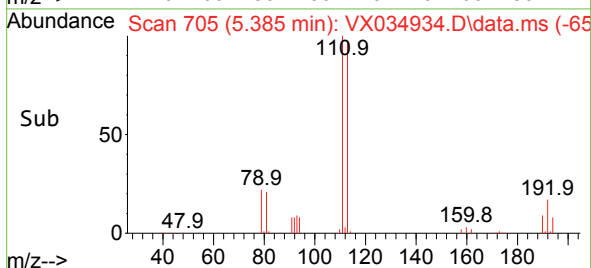
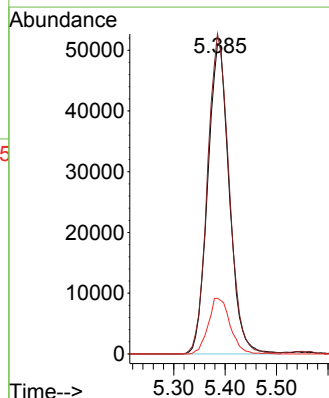
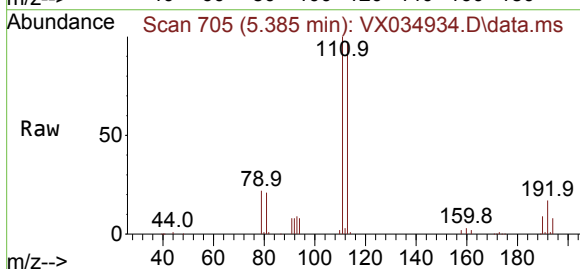
Tgt Ion:113 Resp: 148923

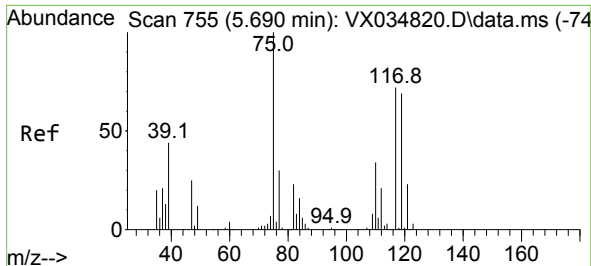
Ion Ratio Lower Upper

113 100

111 103.4 83.7 125.5

192 18.2 15.4 23.2

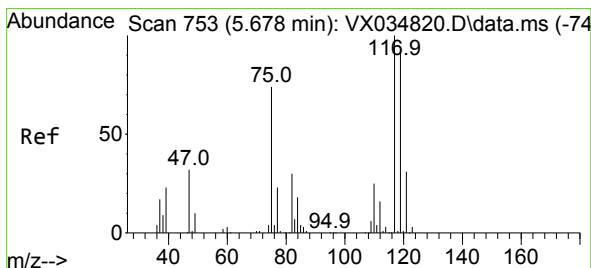
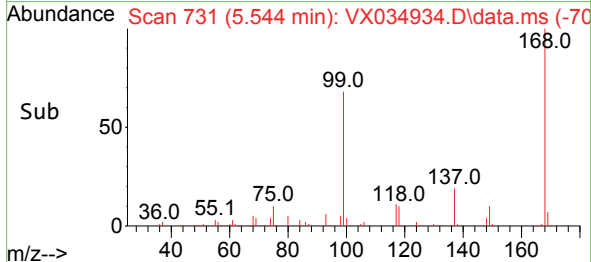
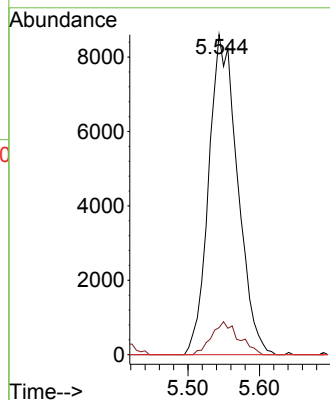
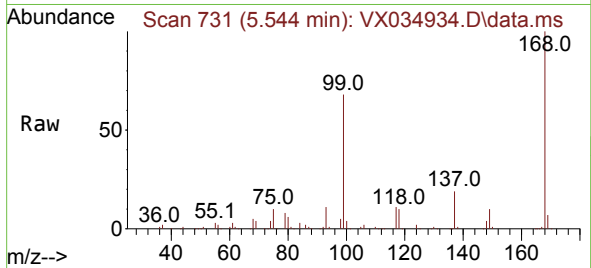




#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

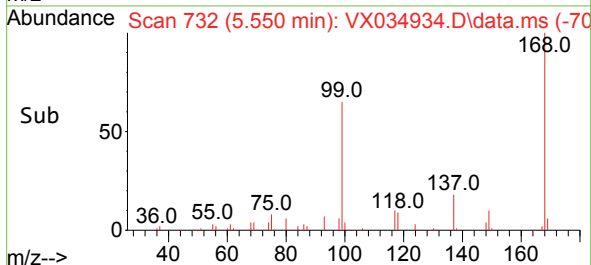
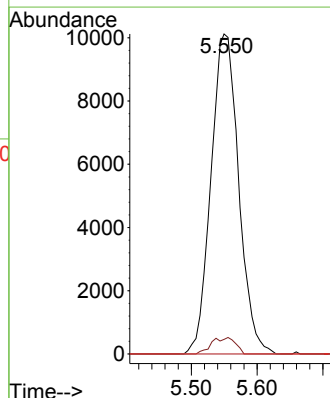
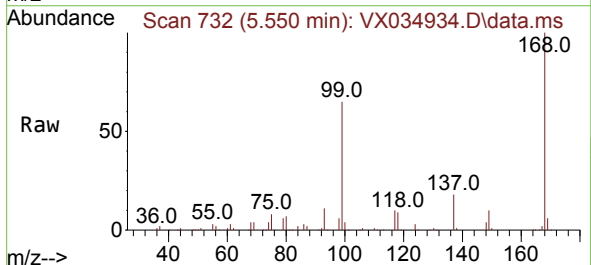
Instrument :
MSVOA_X
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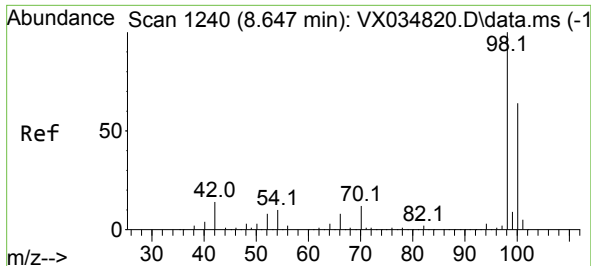
Tgt Ion: 75 Resp: 24137
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.846 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

Tgt Ion: 117 Resp: 29678
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 23.8 35.6#

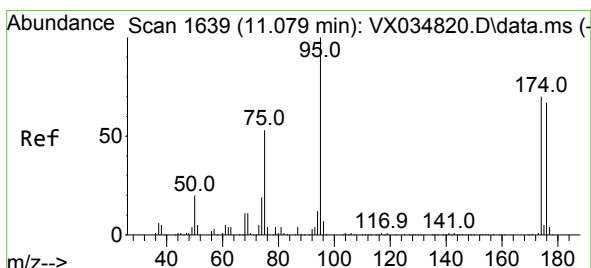
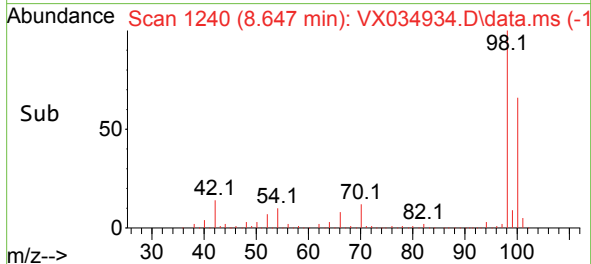
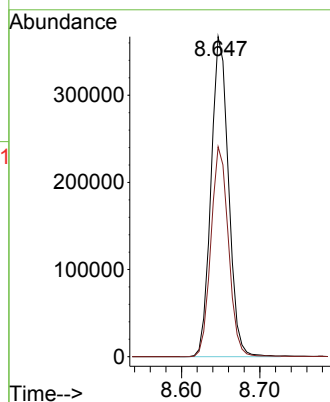
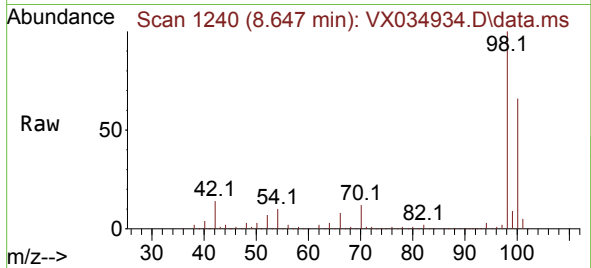




#50
Toluene-d8
Concen: 49.628 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

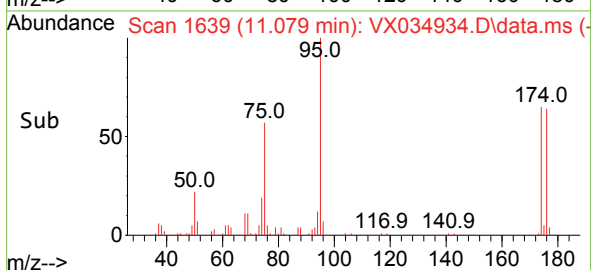
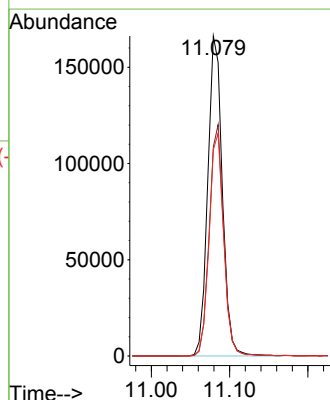
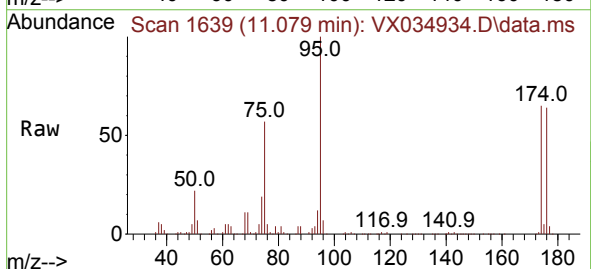
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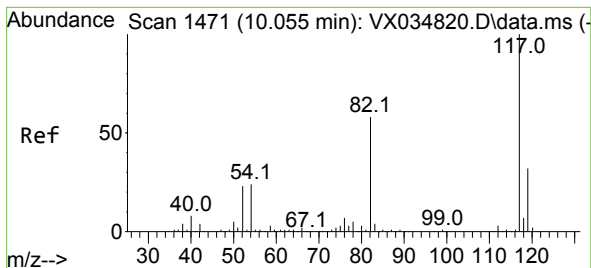
Tgt Ion: 98 Resp: 568530
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.311 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

Tgt Ion: 95 Resp: 214168
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.2 0.0 140.6

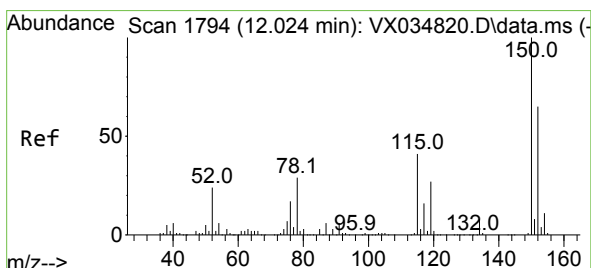
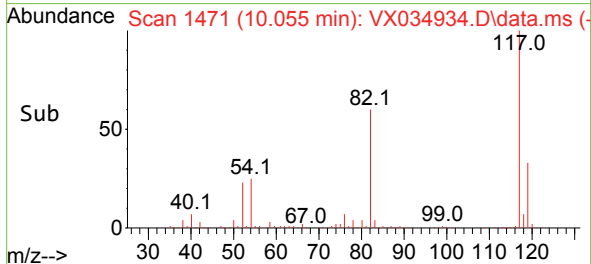
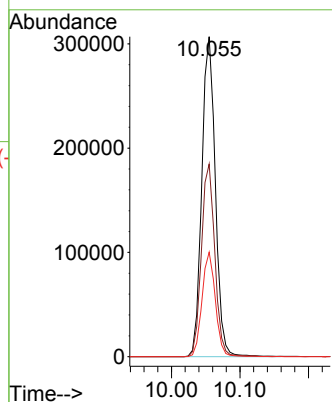
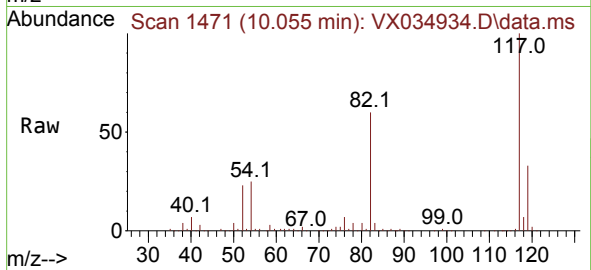




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

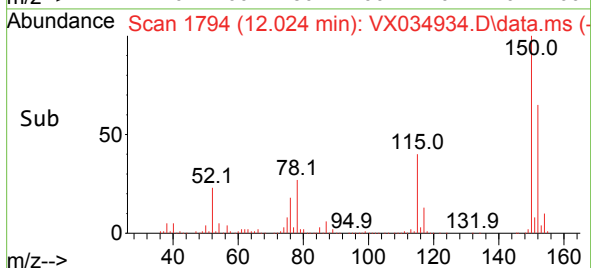
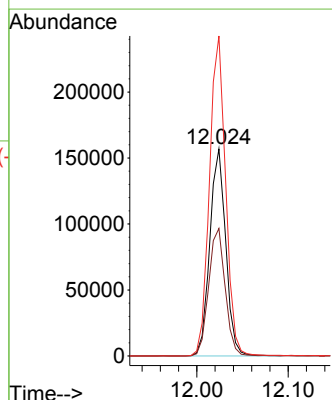
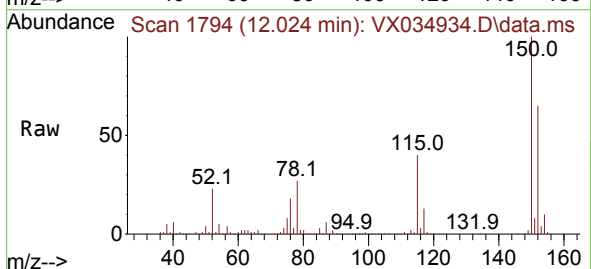
Instrument :
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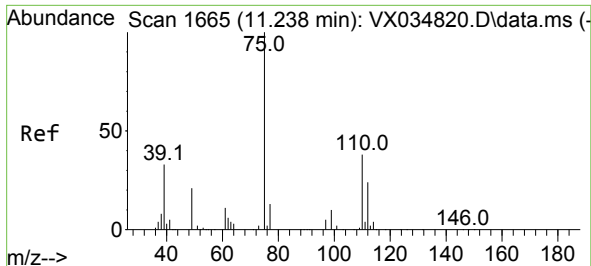
Tgt Ion:117 Resp: 422150
Ion Ratio Lower Upper
117 100
82 60.2 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

Tgt Ion:152 Resp: 190244
Ion Ratio Lower Upper
152 100
115 63.8 45.0 135.0
150 156.4 0.0 352.4

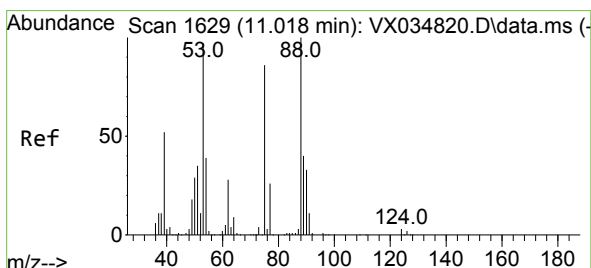
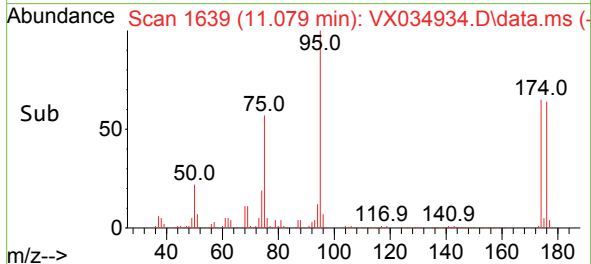
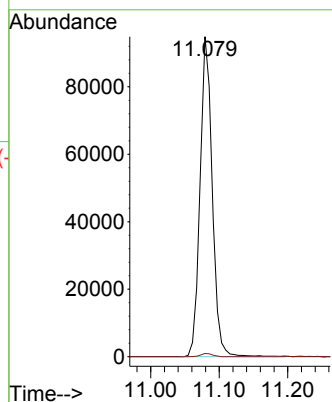
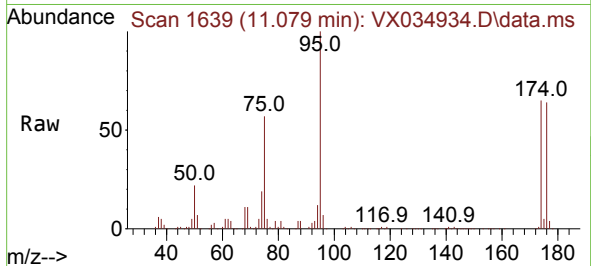




#76
1,2,3-Trichloropropane
Concen: 30.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
T-6

Tgt Ion: 75 Resp: 117752
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034934.D
Acq: 03 Apr 2023 15:57

Tgt Ion: 75 Resp: 117752
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

