

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032533.D
 Acq On : 02 Nov 2022 13:20
 Operator : JC/MD
 Sample : N5420-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-PT-IN01-11012022

Quant Time: Nov 03 03:11:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

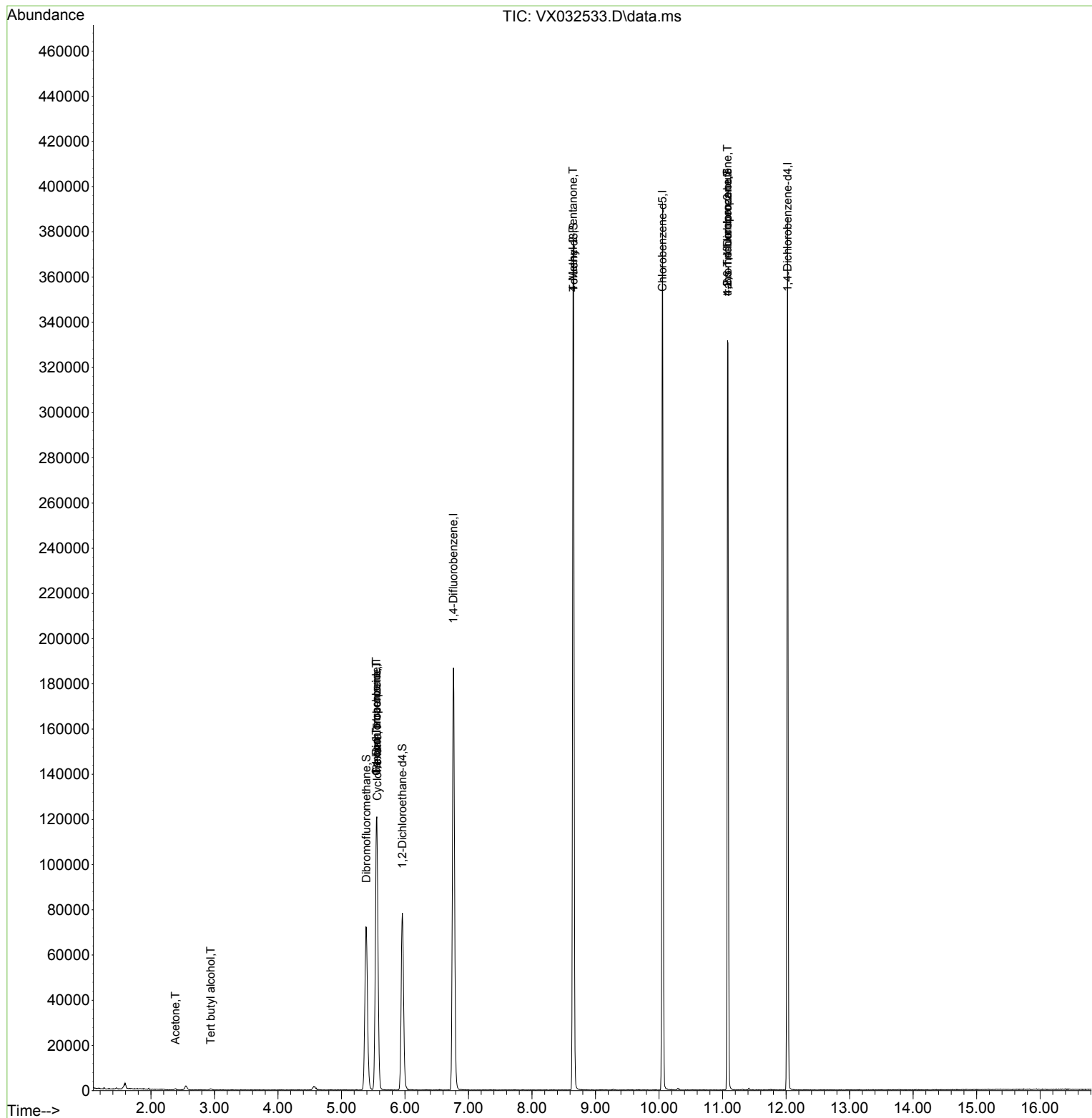
Internal Standards						
1) Pentafluorobenzene	5.556	168	115521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78426	48.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.391	113	62140	45.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.780%		
50) Toluene-d8	8.653	98	226051	48.011	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.079	95	85099	46.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.540%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	356	1.524	ug/l #	72
16) Acetone	2.386	43	719	1.232	ug/l #	85
31) Cyclohexane	5.562	56	2550	1.310	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	9205	4.882	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11810	5.647	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1086	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46129	27.448	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46129	87.340	ug/l #	6

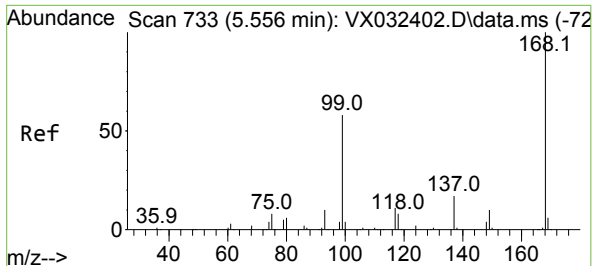
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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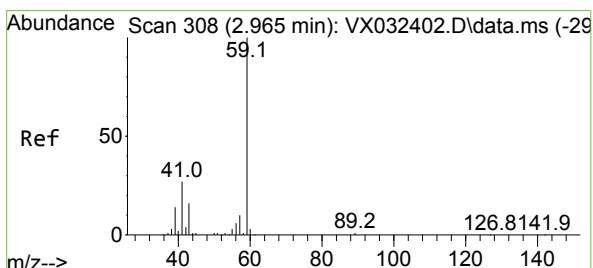
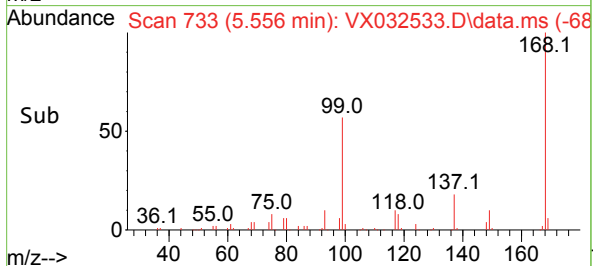
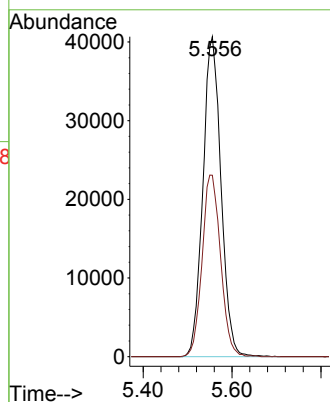
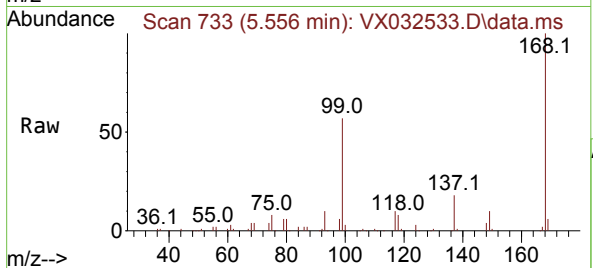




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

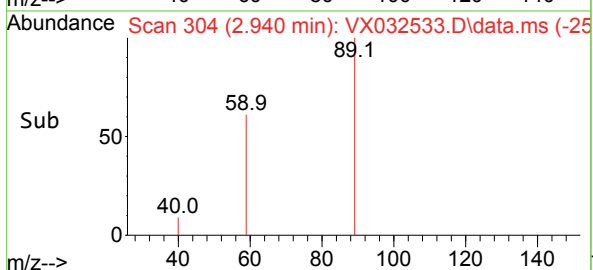
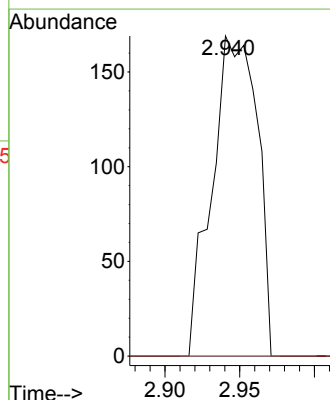
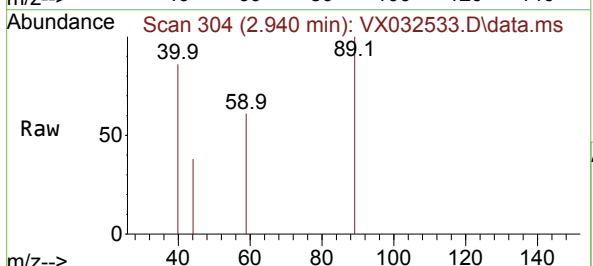
Instrument :
MSVOA_X
ClientSampleId :
RW8-PT-IN01-11012022

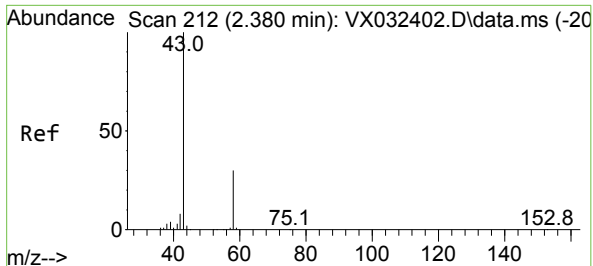
Tgt Ion:168 Resp: 115521
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.524 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

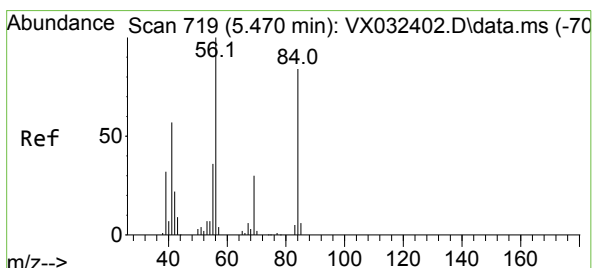
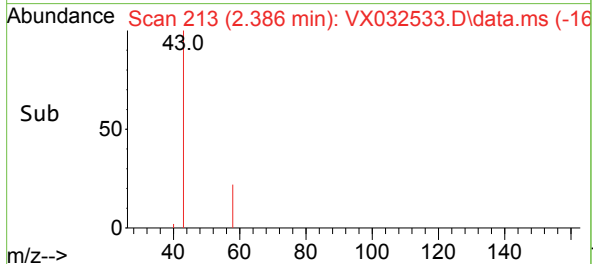
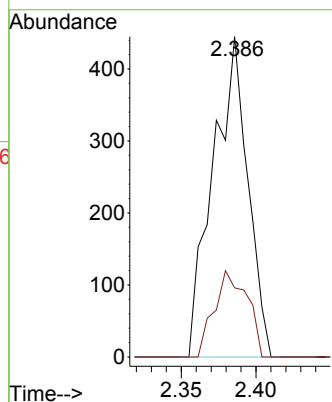
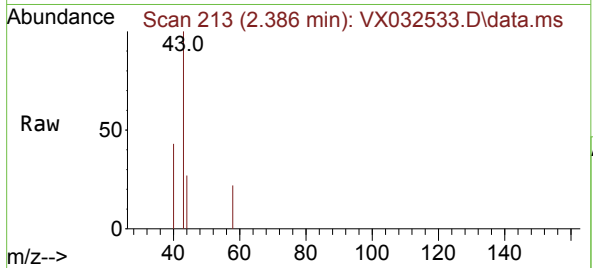




#16
Acetone
Concen: 1.232 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

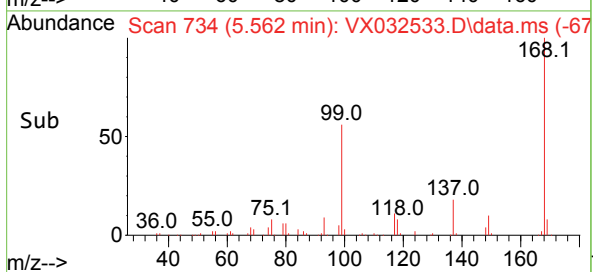
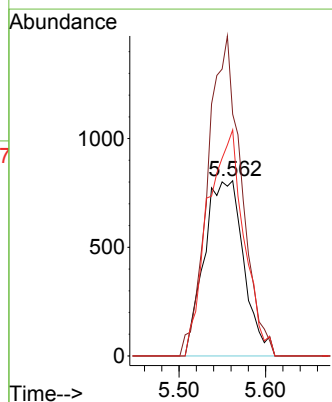
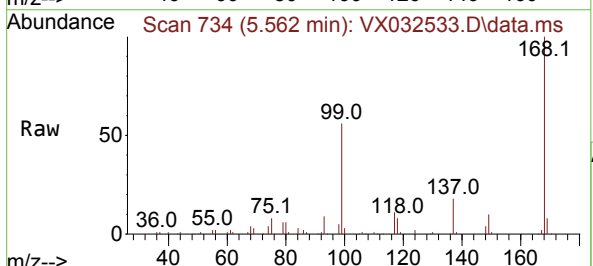
Instrument :
MSVOA_X
ClientSampleId :
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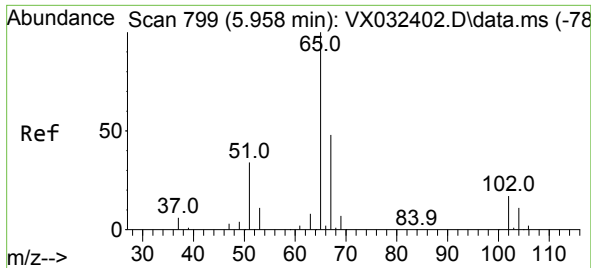
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 21.6 23.8 35.8#



#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

Tgt Ion: 56 Resp: 2550
Ion Ratio Lower Upper
56 100
69 138.0 24.1 36.1#
84 129.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.859 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032533.D

Acq: 02 Nov 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

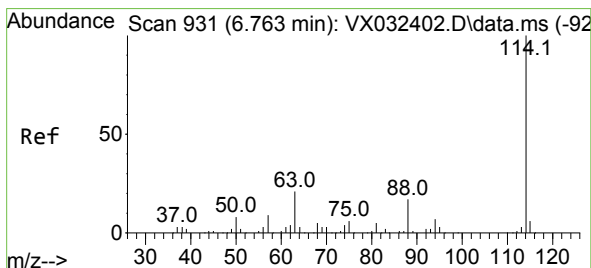
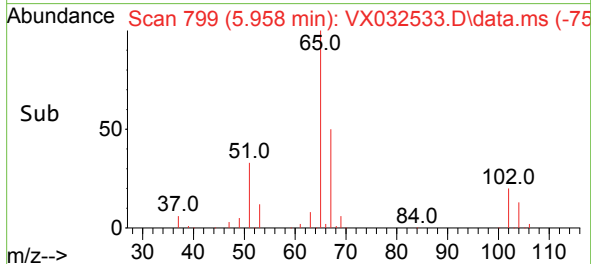
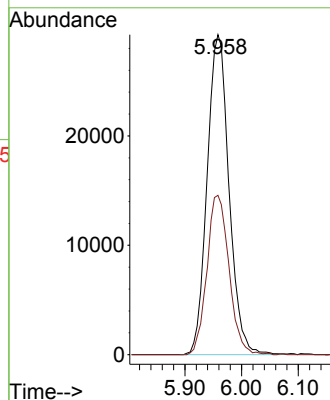
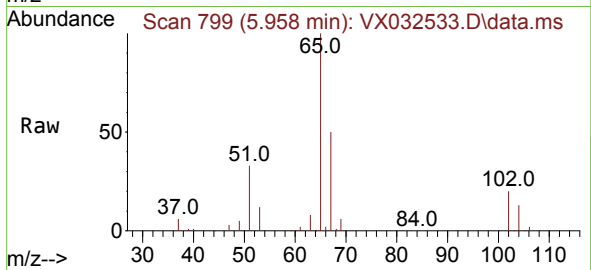
RW8-PT-IN01-11012022

Tgt Ion: 65 Resp: 78426

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032533.D

Acq: 02 Nov 2022 13:20

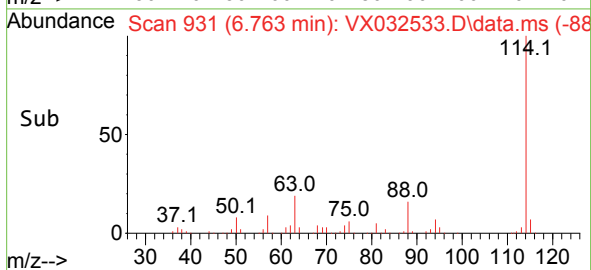
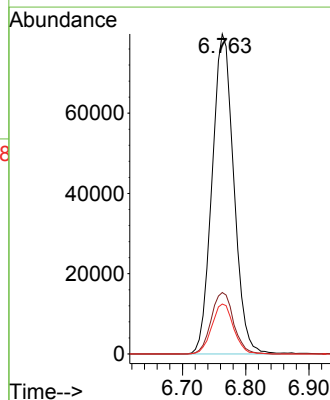
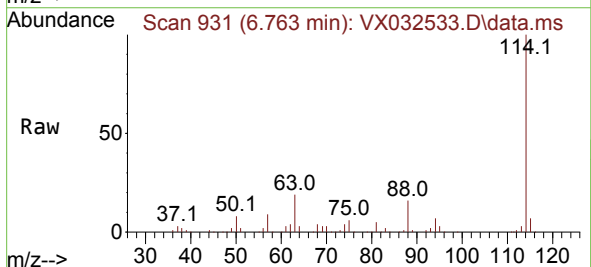
Tgt Ion: 114 Resp: 189824

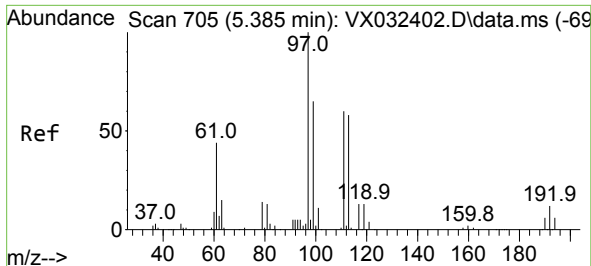
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.6 0.0 33.4

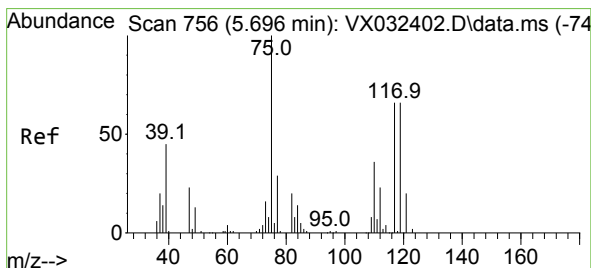
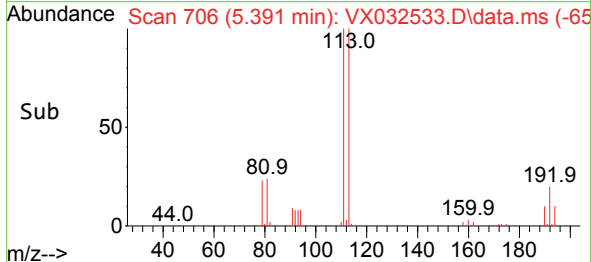
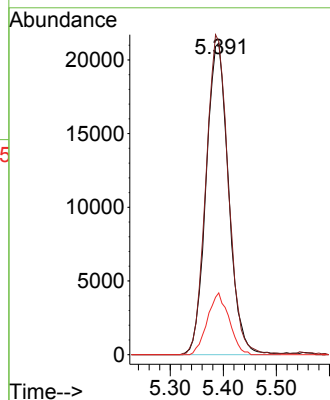
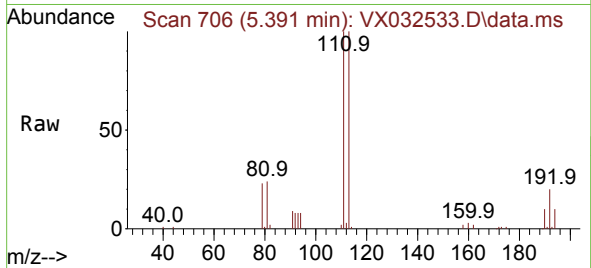




#35
Dibromofluoromethane
Concen: 45.893 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

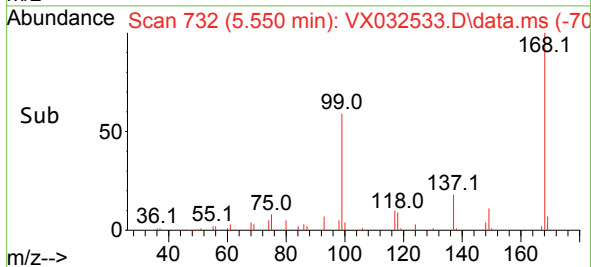
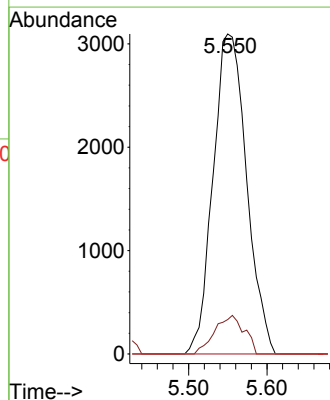
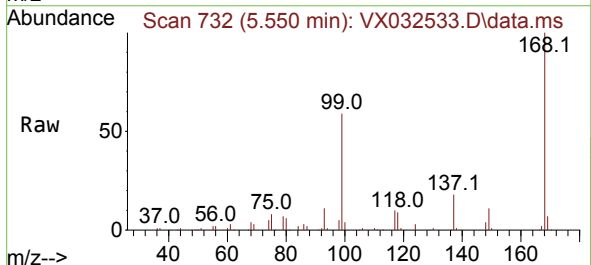
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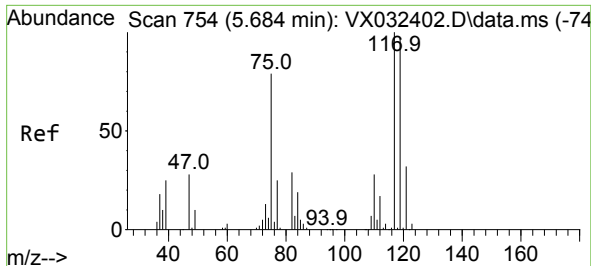
Tgt Ion:113 Resp: 62140
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.882 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

Tgt Ion: 75 Resp: 9205
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#

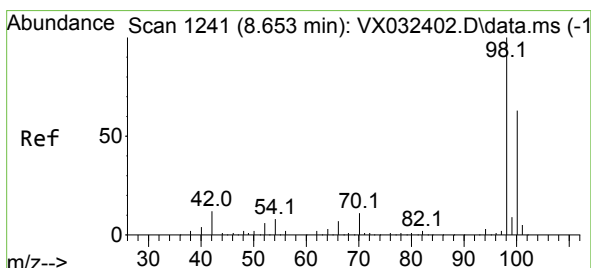
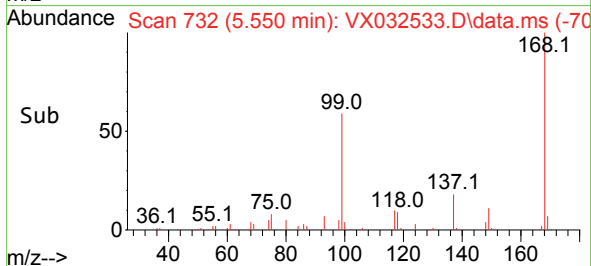
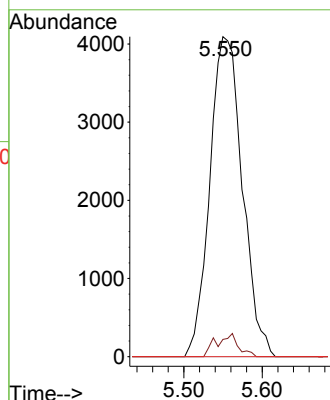
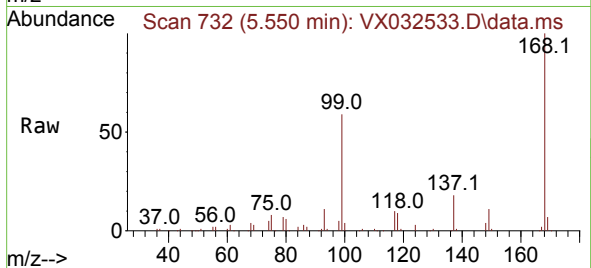




#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

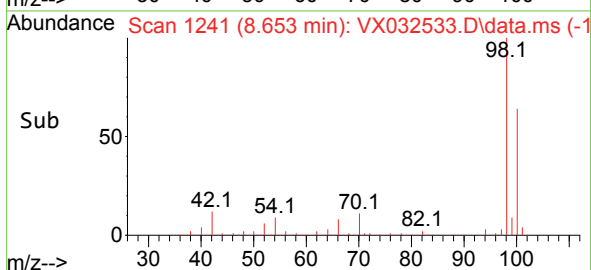
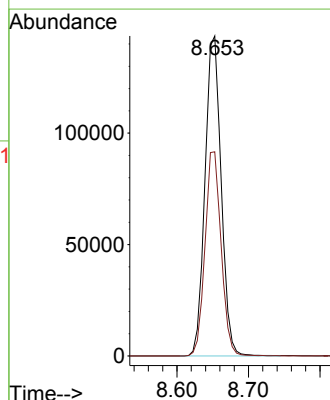
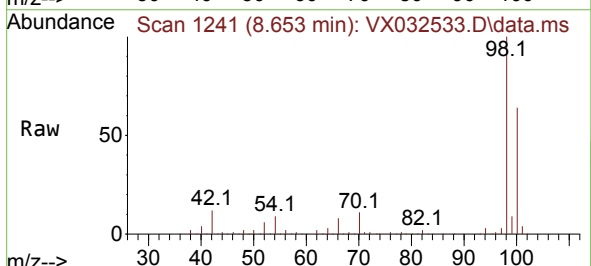
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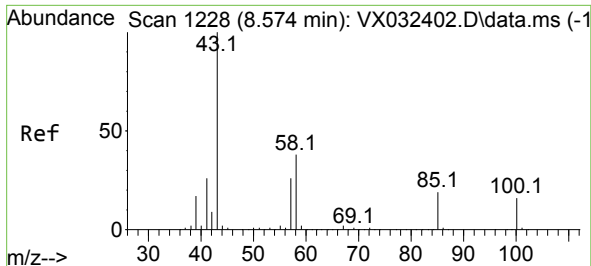
Tgt Ion:117 Resp: 11810
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.011 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

Tgt Ion: 98 Resp: 226051
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

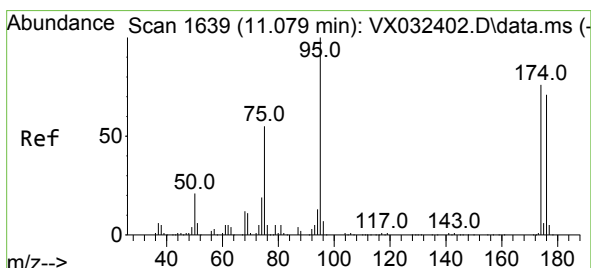
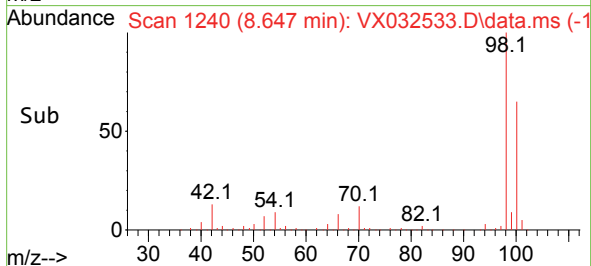
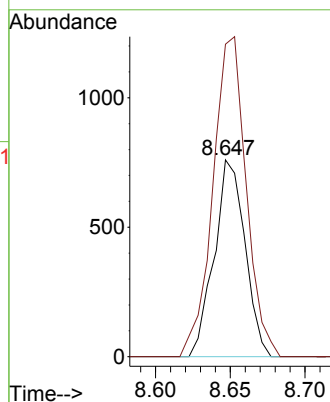
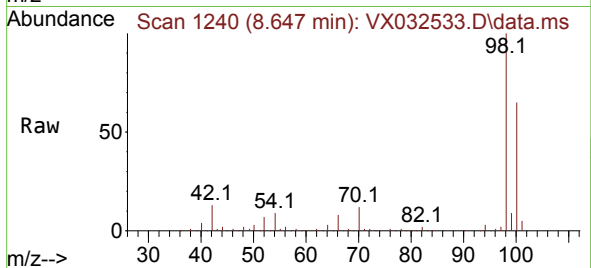




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

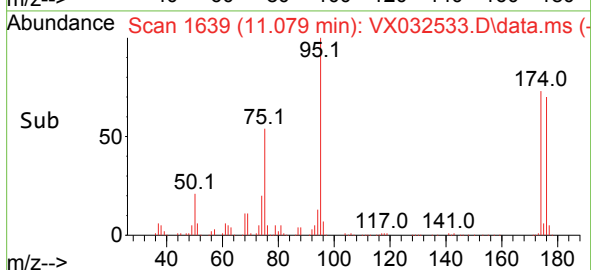
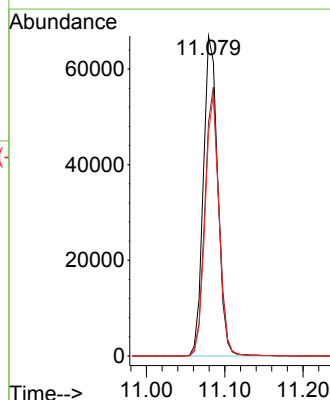
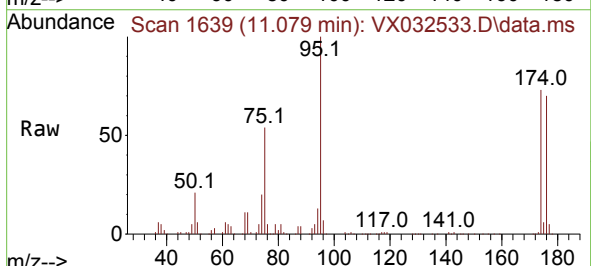
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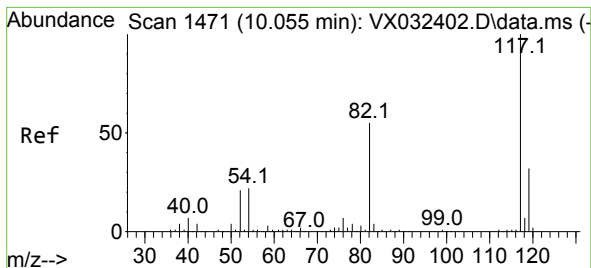
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 176.2 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

Tgt Ion: 95 Resp: 85099
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 78.7 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032533.D

Acq: 02 Nov 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

RW8-PT-IN01-11012022

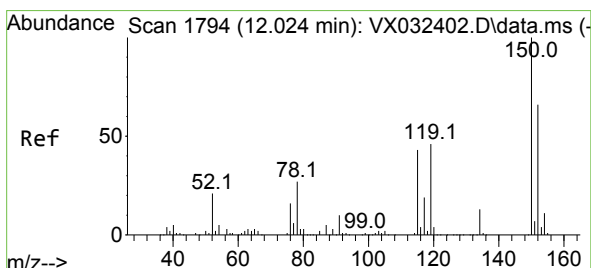
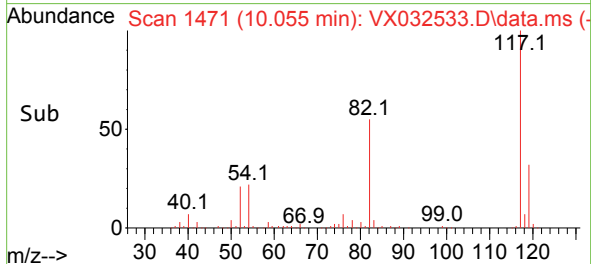
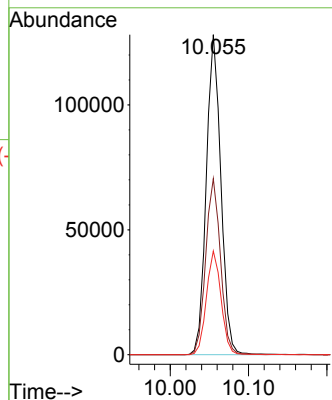
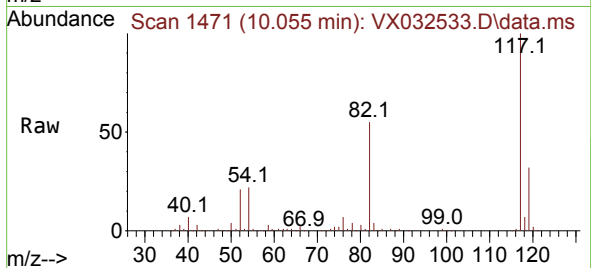
Tgt Ion:117 Resp: 165121

Ion Ratio Lower Upper

117 100

82 55.0 44.3 66.5

119 32.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032533.D

Acq: 02 Nov 2022 13:20

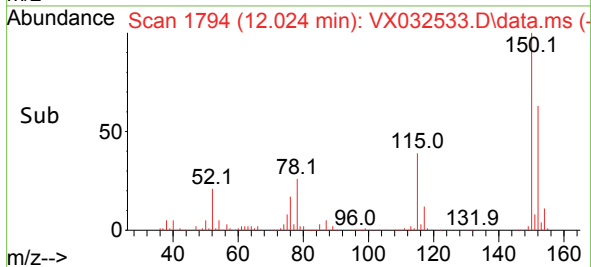
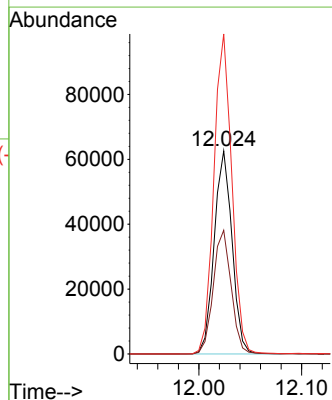
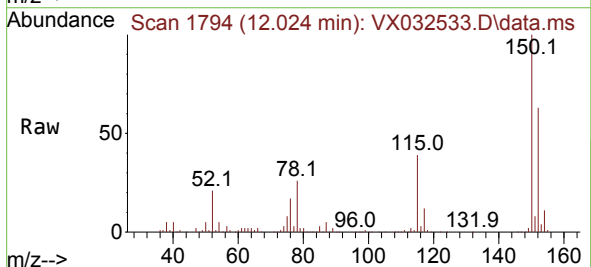
Tgt Ion:152 Resp: 75541

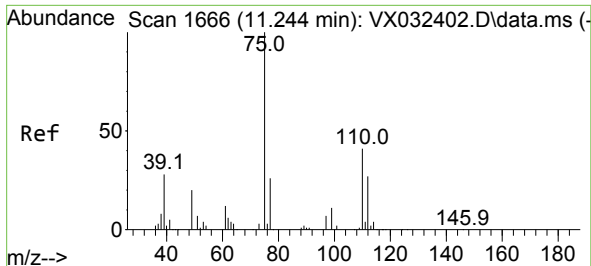
Ion Ratio Lower Upper

152 100

115 61.2 44.0 132.0

150 158.2 0.0 351.8

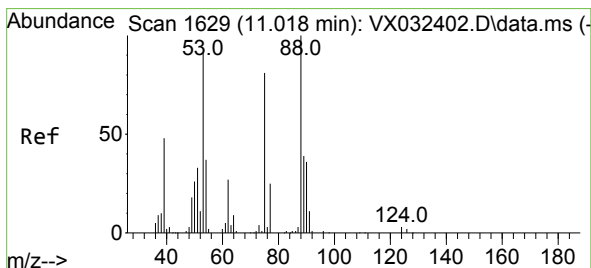
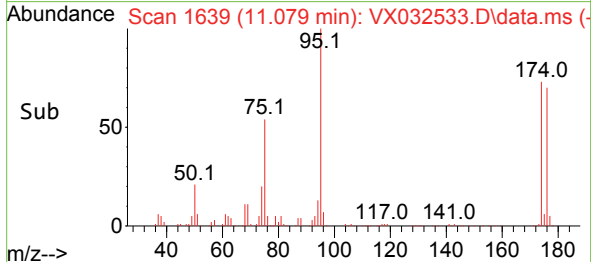
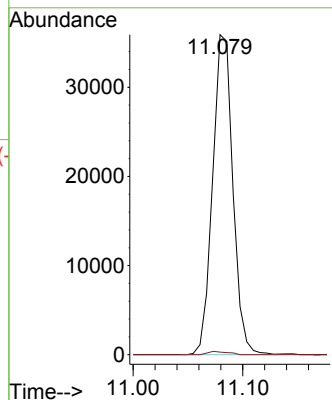
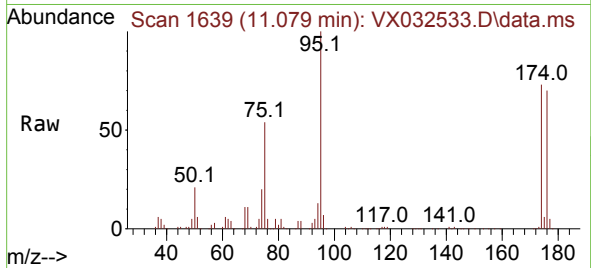




#76
1,2,3-Trichloropropane
Concen: 27.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
RW8-PT-IN01-11012022

Tgt Ion: 75 Resp: 46129
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032533.D
Acq: 02 Nov 2022 13:20

Tgt Ion: 75 Resp: 46129
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

