

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033003.D
 Acq On : 23 Nov 2022 00:54
 Operator : JC/MD
 Sample : N5741-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: Nov 23 05:52:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

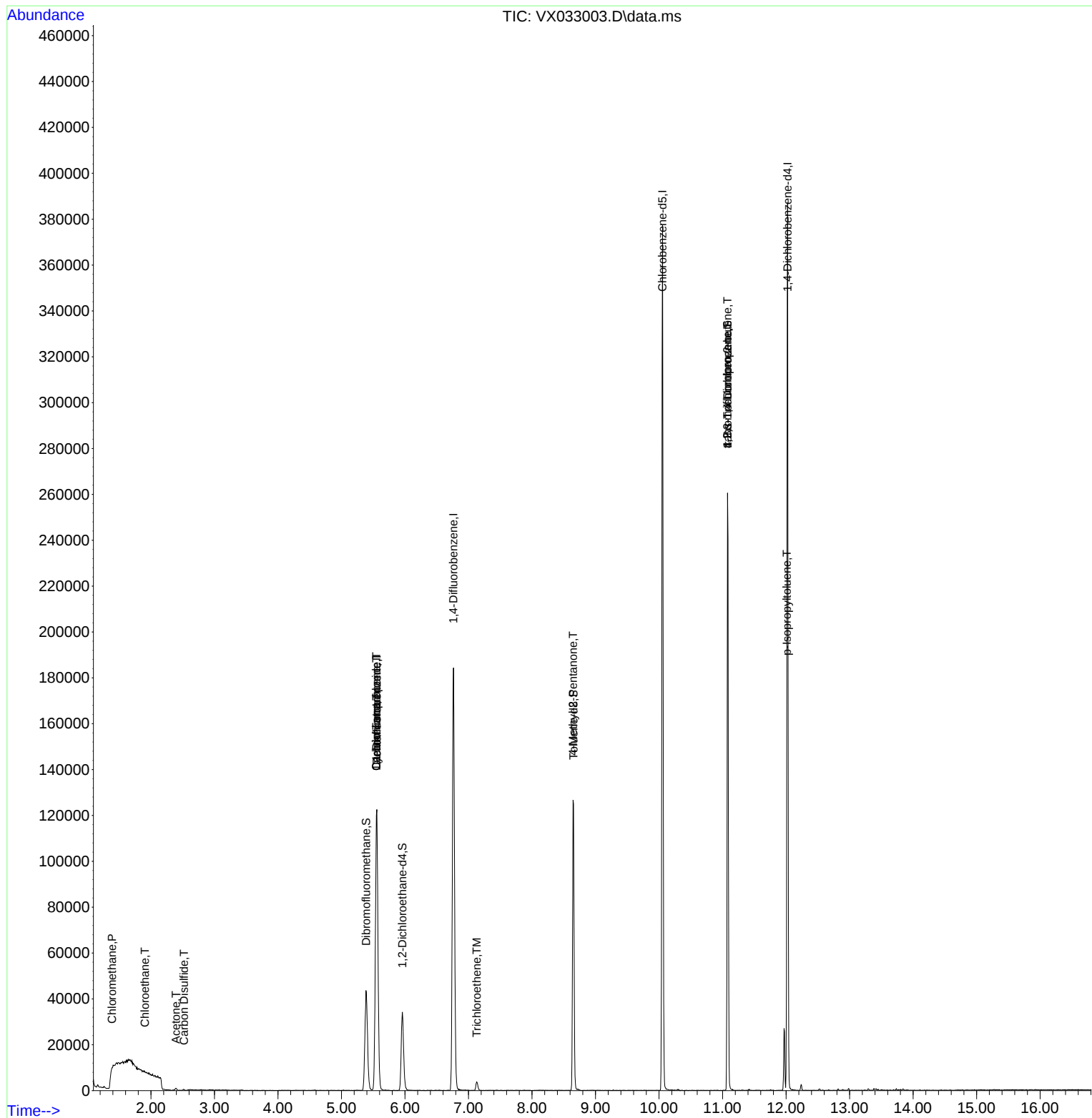
Internal Standards						
1) Pentafluorobenzene	5.556	168	114105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34007	29.197	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	58.400%	#	
35) Dibromofluoromethane	5.385	113	37286	35.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	71.420%	#	
50) Toluene-d8	8.653	98	77240	23.439	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	46.880%	#	
62) 4-Bromofluorobenzene	11.079	95	65806	47.976	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.960%		
Target Compounds						Qvalue
3) Chloromethane	1.386	50	313	0.333	ug/l #	43
6) Chloroethane	1.904	64	444	0.520	ug/l #	42
16) Acetone	2.392	43	1226	2.362	ug/l #	81
17) Carbon Disulfide	2.520	76	592	0.215	ug/l #	74
20) Methylene Chloride	2.788	84	49	Below Cal	#	56
31) Cyclohexane	5.550	56	2706	1.503	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	8889	5.324	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11719	6.327	ug/l #	15
44) Trichloroethene	7.129	130	1574	1.198	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	337	0.227	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35917	24.742	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35917	80.422	ug/l #	6
86) p-Isopropyltoluene	12.012	119	1566	0.337	ug/l #	76

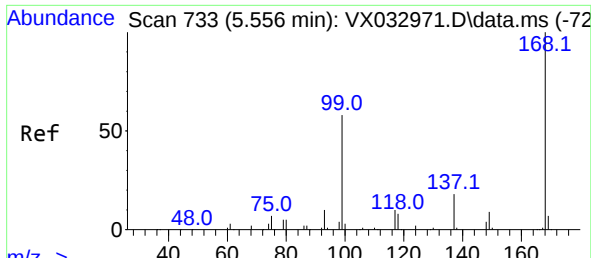
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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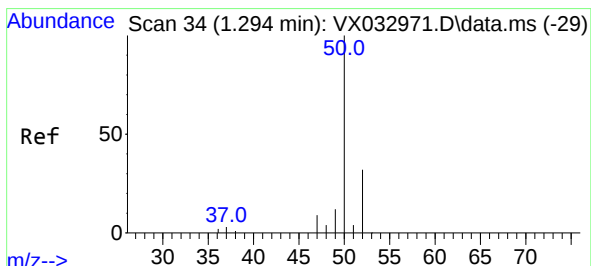
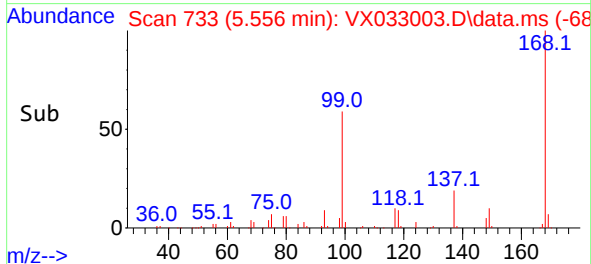
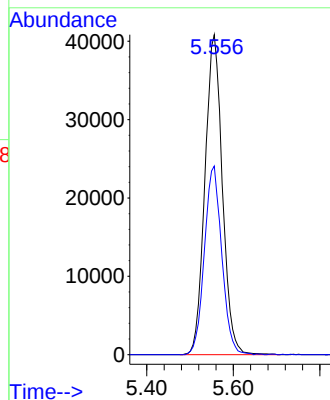
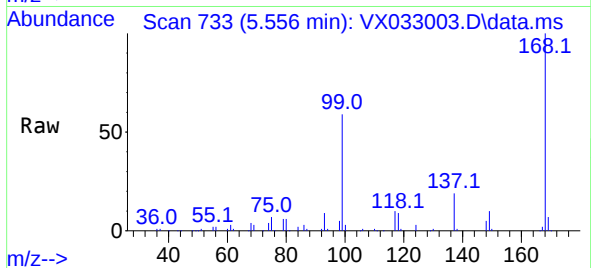




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

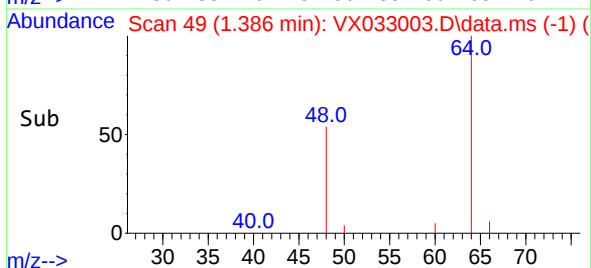
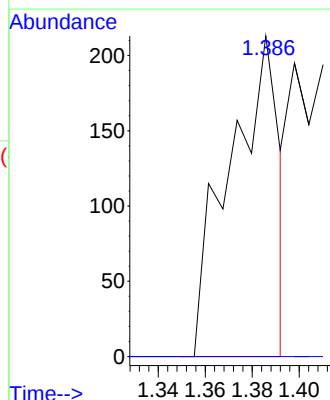
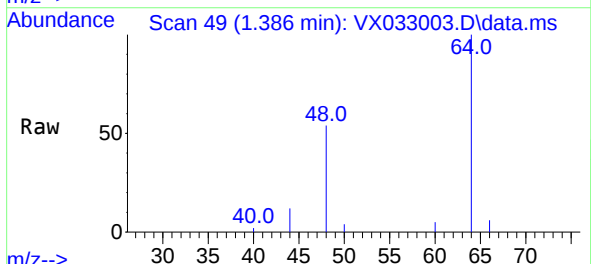
Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion:168 Resp: 114105
Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1

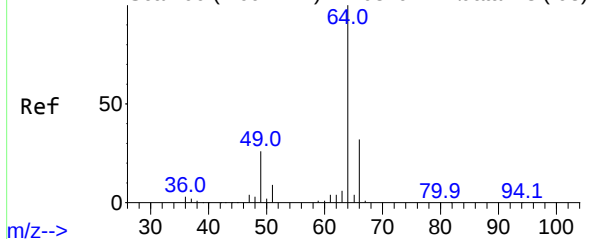


#3
Chloromethane
Concen: 0.333 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.092 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



Abundance Scan 99 (1.691 min): VX032971.D\data.ms (-93)

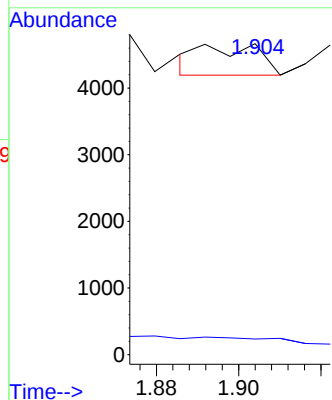
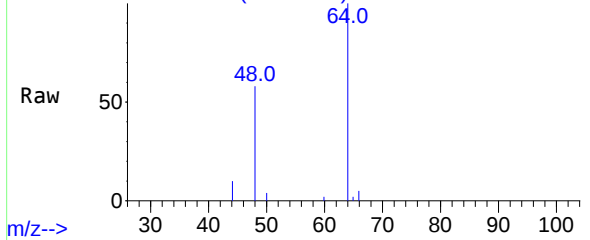


#6
Chloroethane
Concen: 0.520 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.219 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

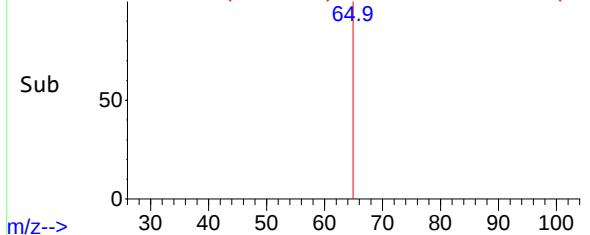
Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion: 64 Resp: 444
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

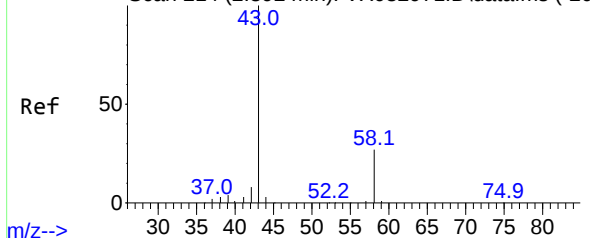
Abundance Scan 134 (1.904 min): VX033003.D\data.ms



Abundance Scan 134 (1.904 min): VX033003.D\data.ms (-49)



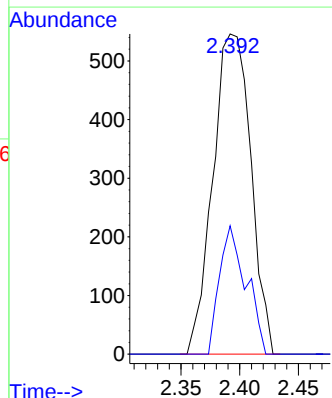
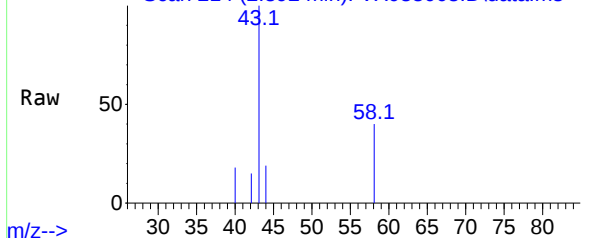
Abundance Scan 214 (2.392 min): VX032971.D\data.ms (-20)



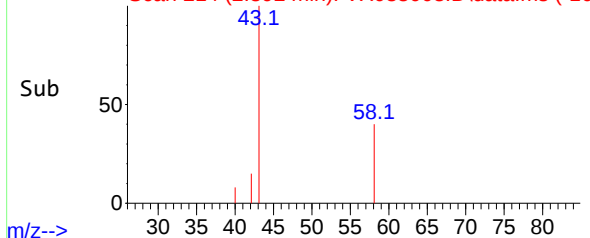
#16
Acetone
Concen: 2.362 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

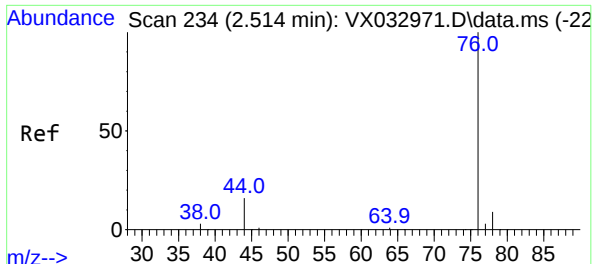
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 40.1 23.8 35.8#

Abundance Scan 214 (2.392 min): VX033003.D\data.ms



Abundance Scan 214 (2.392 min): VX033003.D\data.ms (-16)

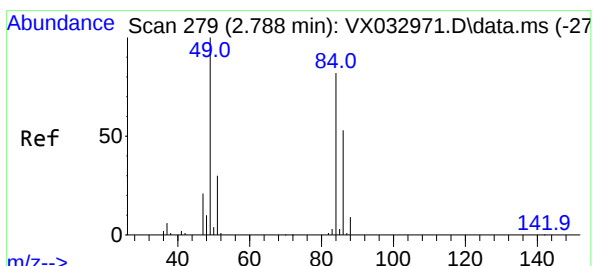
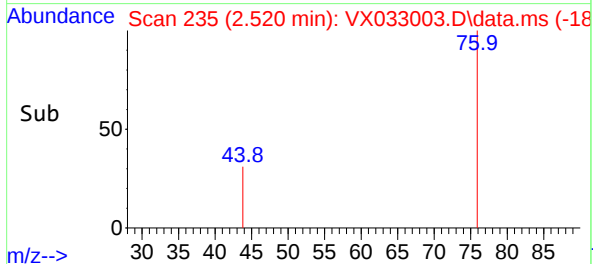
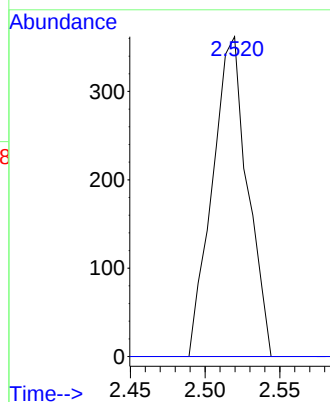
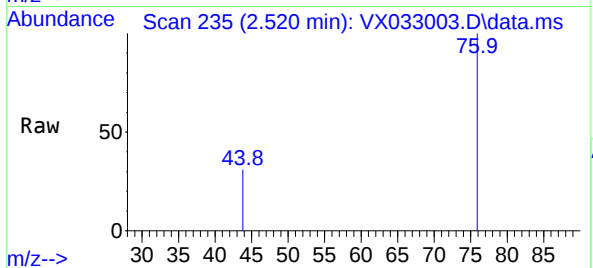




#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

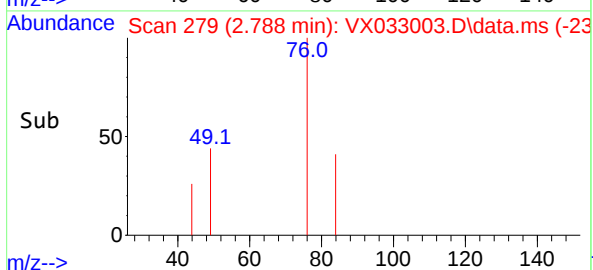
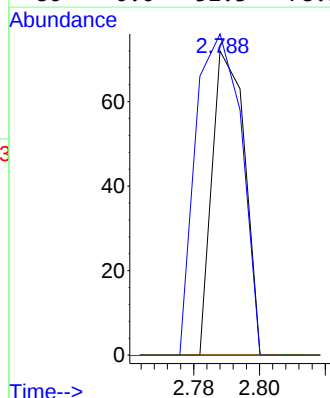
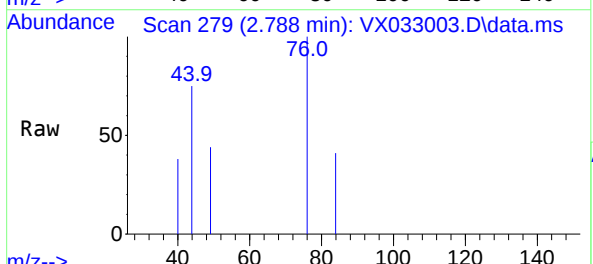
Instrument :
MSVOA_X
ClientSampleId :
MW-15

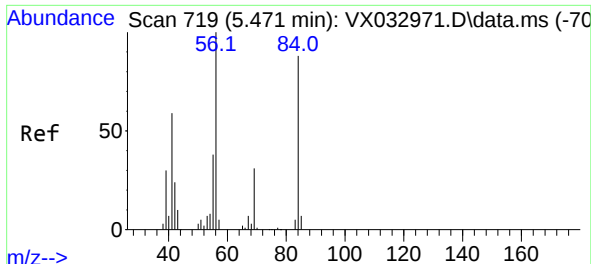
Tgt Ion: 76 Resp: 592
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

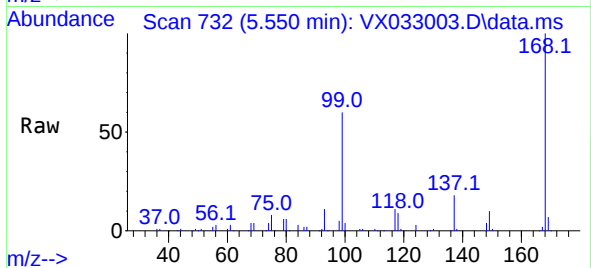
Tgt Ion: 84 Resp: 49
Ion Ratio Lower Upper
84 100
49 105.6 101.0 151.6
51 0.0 31.1 46.7#
86 0.0 52.3 78.5#



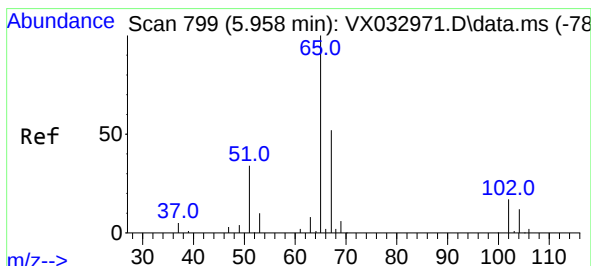
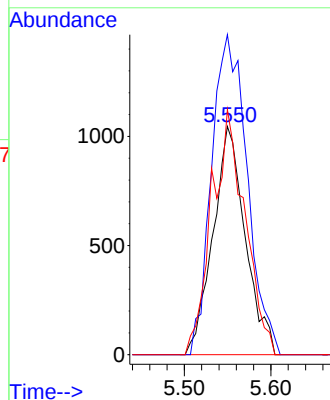
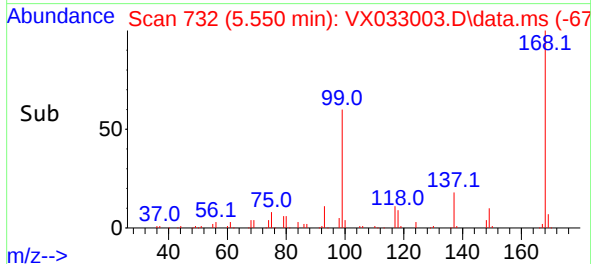


#31
Cyclohexane
Concen: 1.503 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

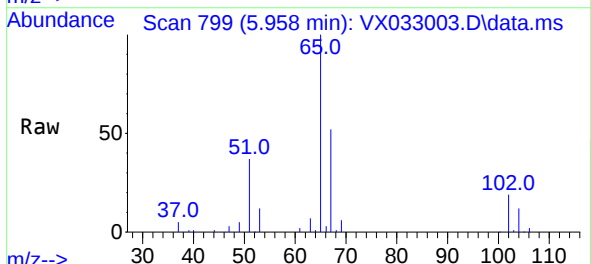
Instrument :
MSVOA_X
ClientSampleId :
MW-15



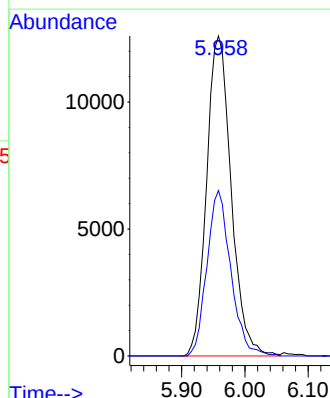
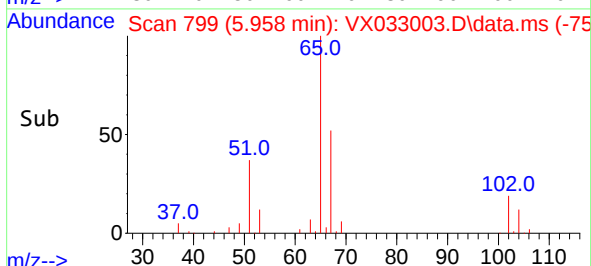
Tgt Ion: 56 Resp: 2706
Ion Ratio Lower Upper
56 100
69 140.3 24.1 36.1#
84 107.5 66.9 100.3#

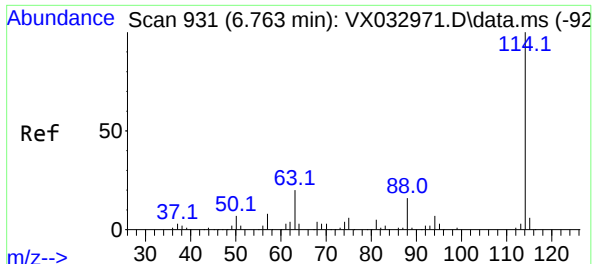


#33
1,2-Dichloroethane-d4
Concen: 29.197 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54



Tgt Ion: 65 Resp: 34007
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

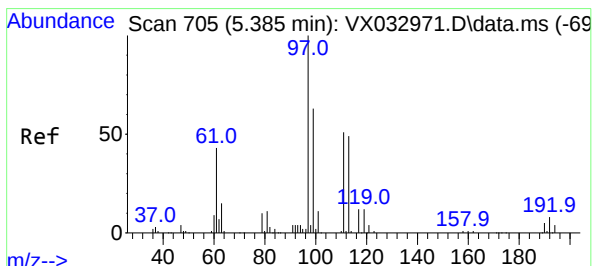
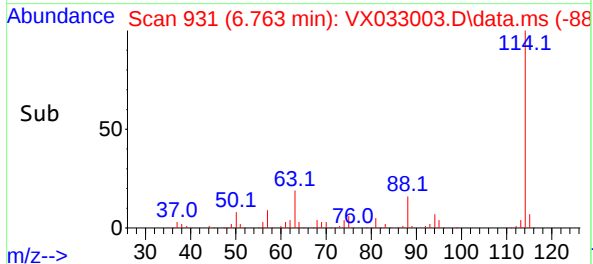
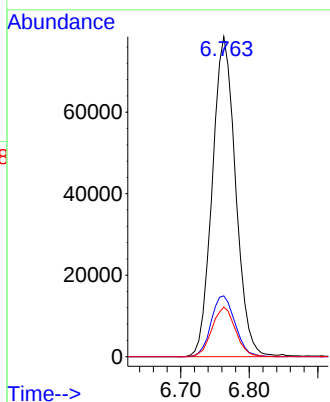
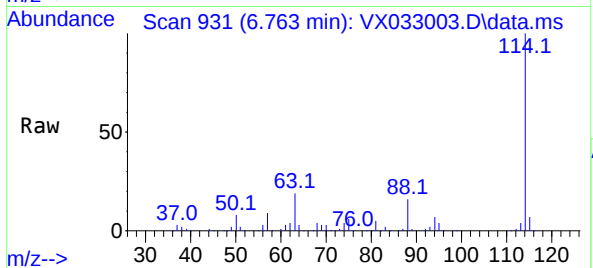




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

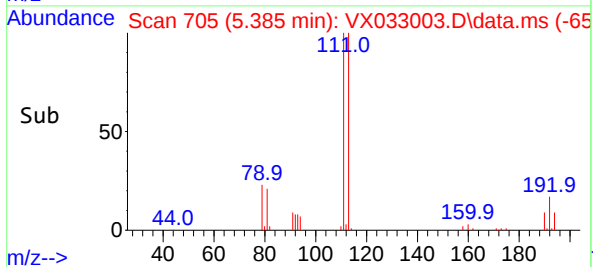
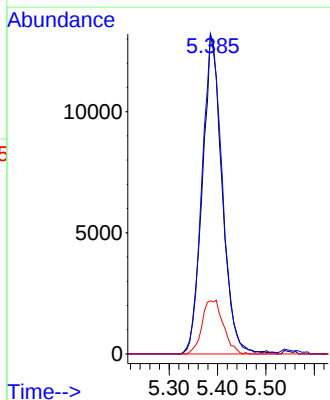
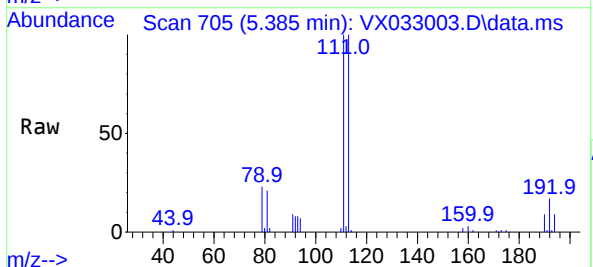
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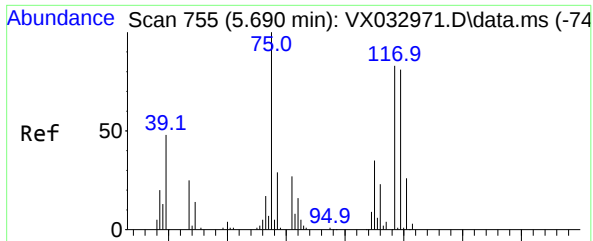
Tgt Ion:114 Resp: 185217
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 35.708 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

Tgt Ion:113 Resp: 37286
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.1 15.4 23.2

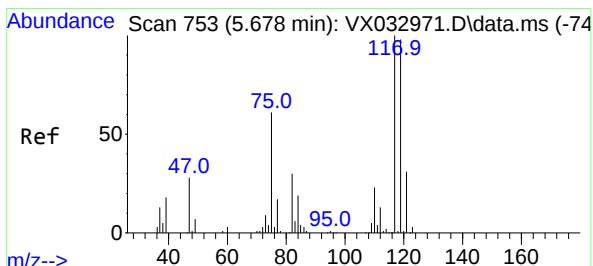
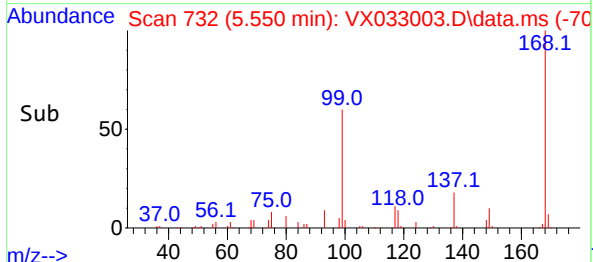
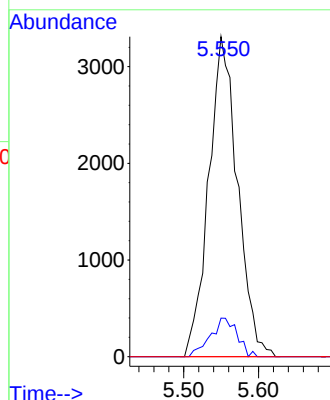
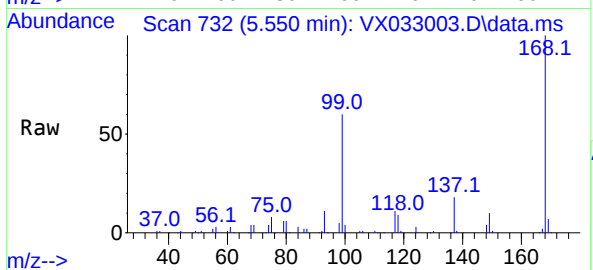




#36
1,1-Dichloropropene
Concen: 5.324 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

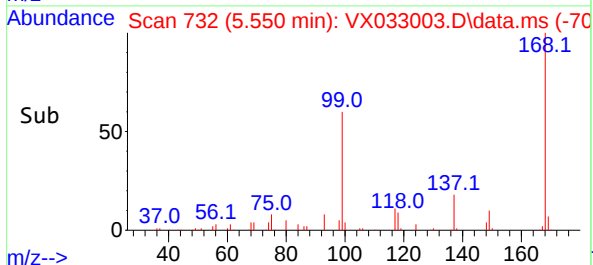
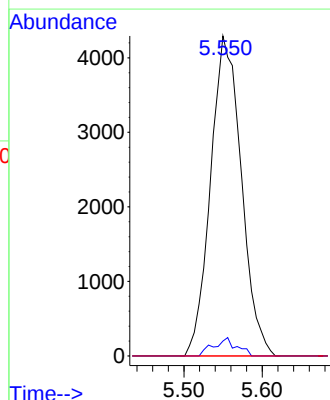
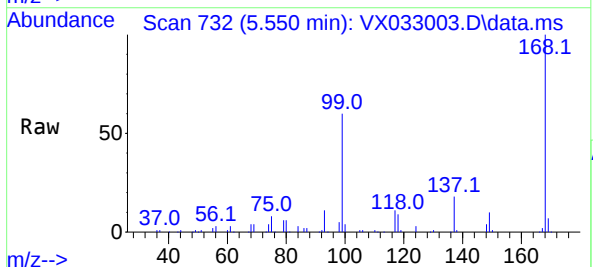
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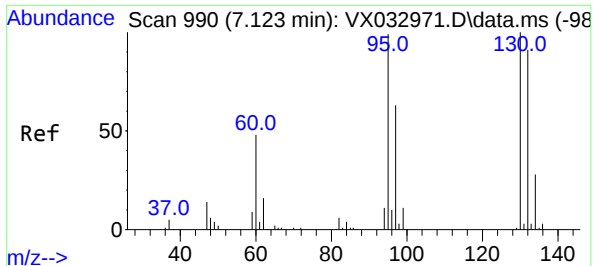
Tgt Ion: 75 Resp: 8889
Ion Ratio Lower Upper
75 100
110 11.2 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

Tgt Ion: 117 Resp: 11719
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#

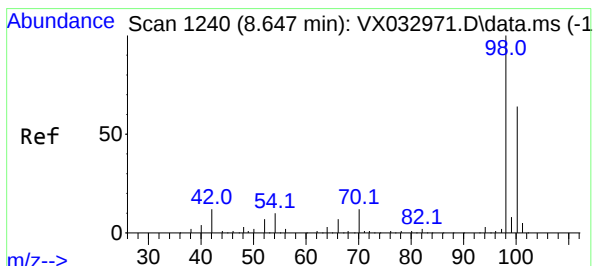
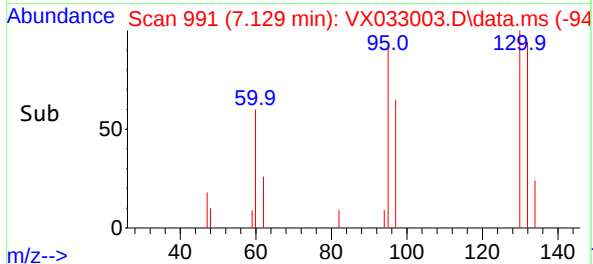
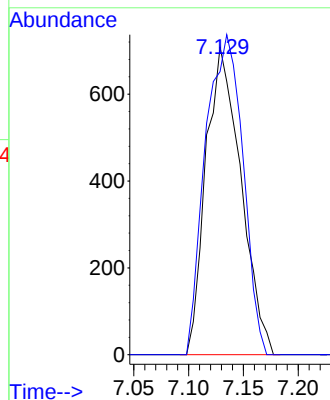
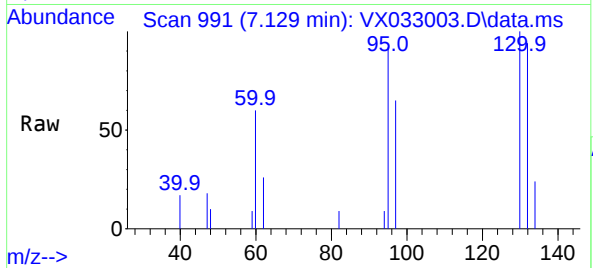




#44
Trichloroethene
Concen: 1.198 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

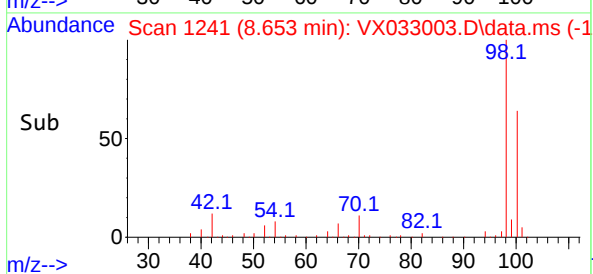
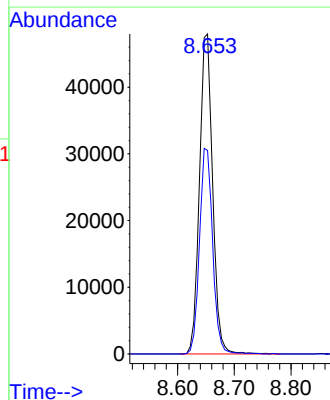
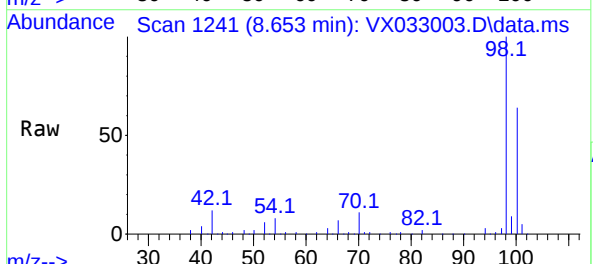
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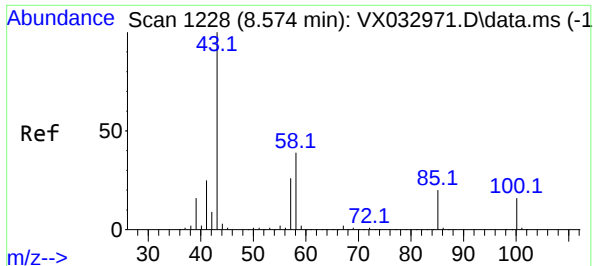
Tgt Ion:130 Resp: 1574
Ion Ratio Lower Upper
130 100
95 92.0 0.0 195.2



#50
Toluene-d8
Concen: 23.439 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

Tgt Ion: 98 Resp: 77240
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.227 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033003.D

Acq: 23 Nov 2022 00:54

Instrument :

MSVOA_X

ClientSampleId :

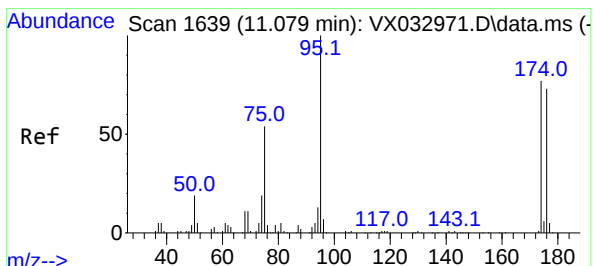
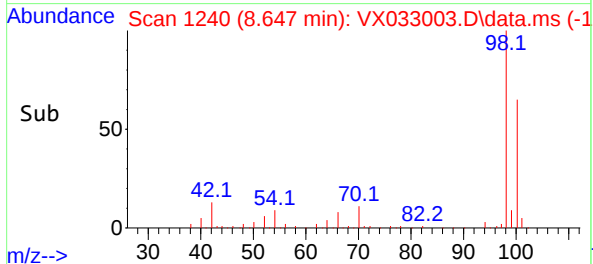
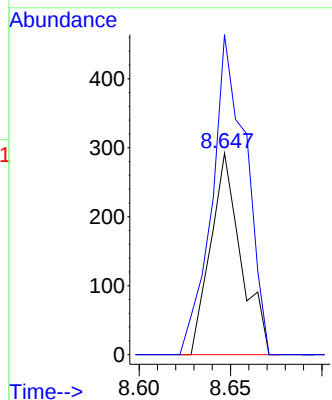
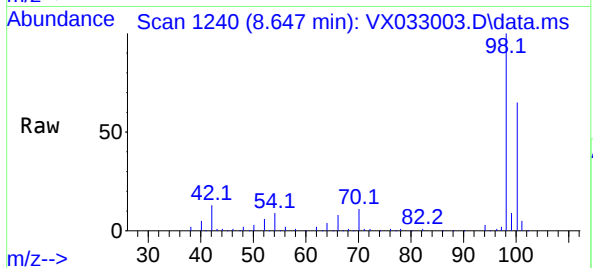
MW-15

Tgt Ion: 43 Resp: 337

Ion Ratio Lower Upper

43 100

58 178.6 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 47.976 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033003.D

Acq: 23 Nov 2022 00:54

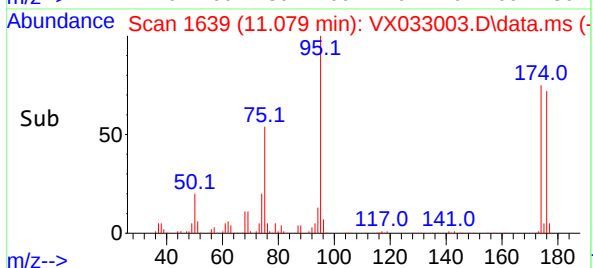
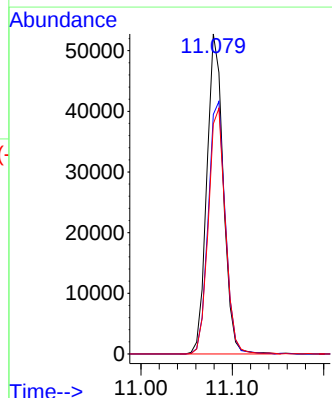
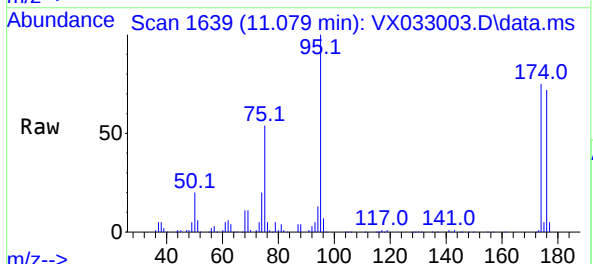
Tgt Ion: 95 Resp: 65806

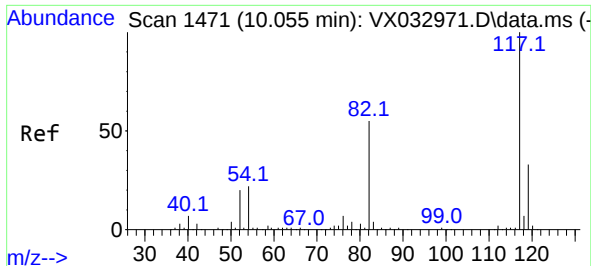
Ion Ratio Lower Upper

95 100

174 81.6 0.0 164.0

176 79.1 0.0 154.4

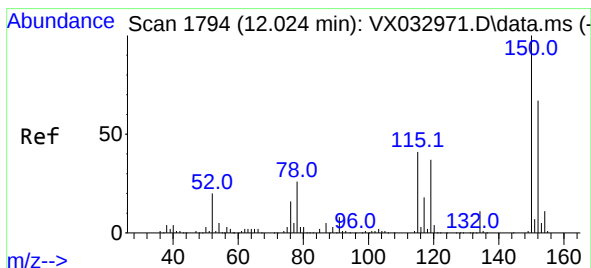
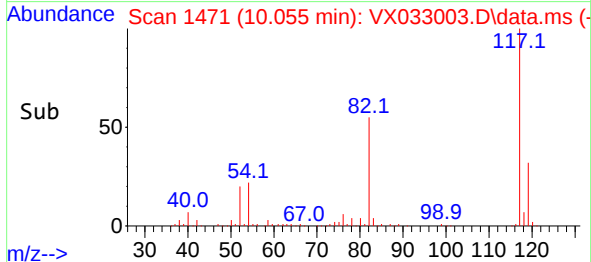
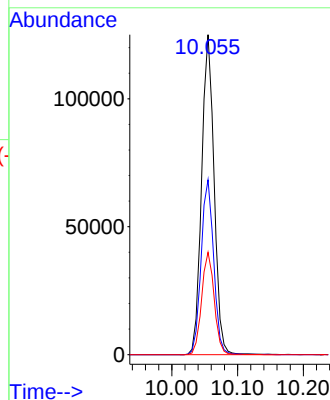
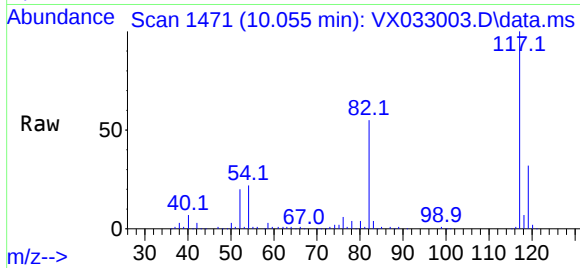




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

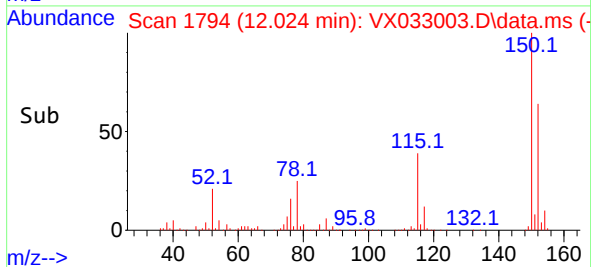
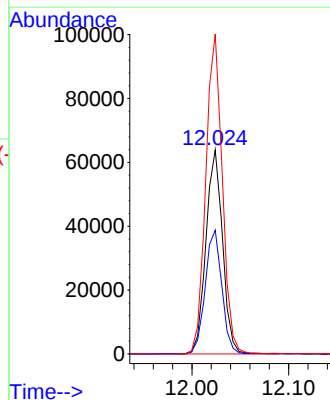
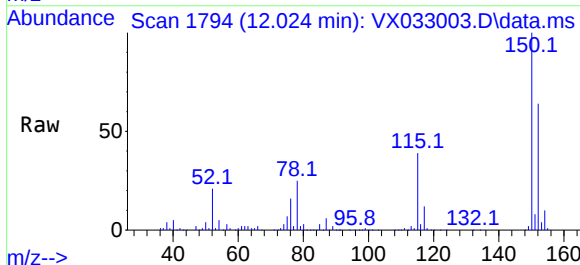
Instrument :
MSVOA_X
ClientSampleId :
MW-15

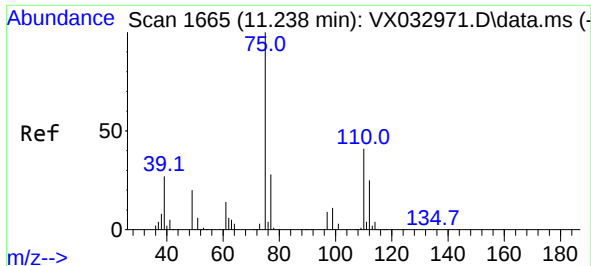
Tgt Ion:117 Resp: 165331
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

Tgt Ion:152 Resp: 76653
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 156.0 0.0 351.8

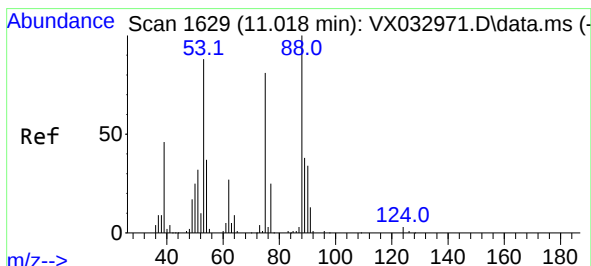
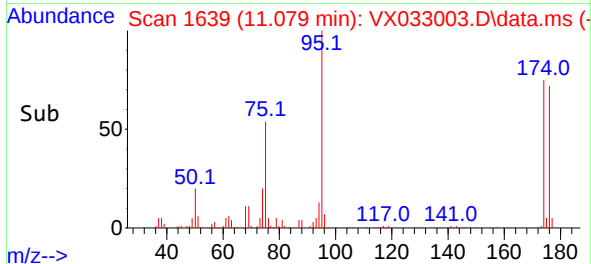
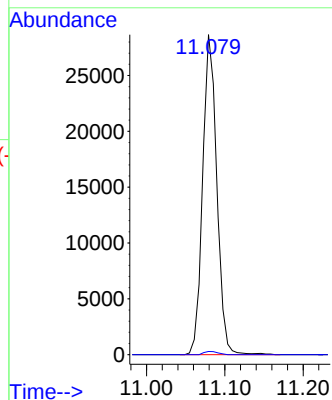
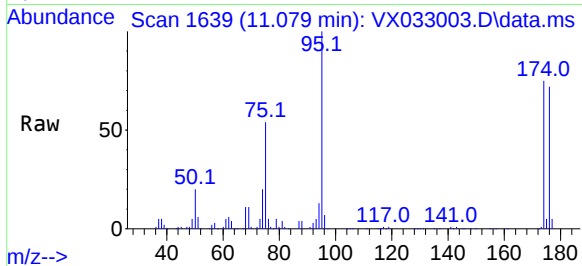




#76
1,2,3-Trichloropropane
Concen: 24.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

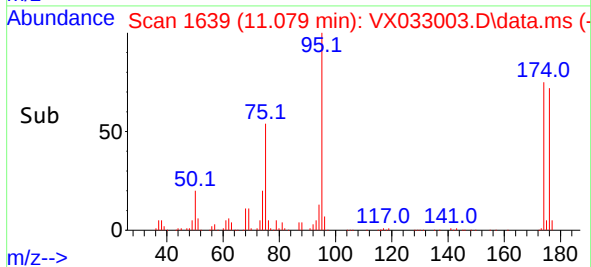
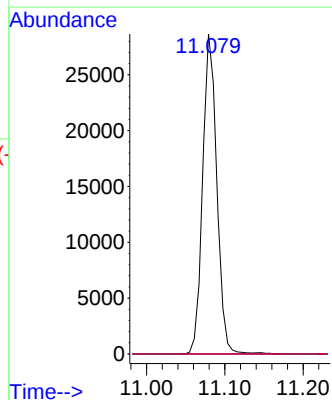
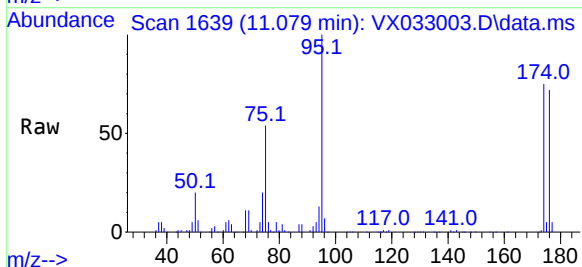
Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion: 75 Resp: 35917
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

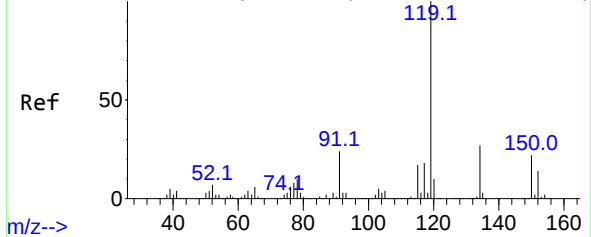


#81
trans-1,4-Dichloro-2-butene
Concen: 80.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

Tgt Ion: 75 Resp: 35917
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



Abundance Scan 1792 (12.012 min): VX032971.D\data.ms (-

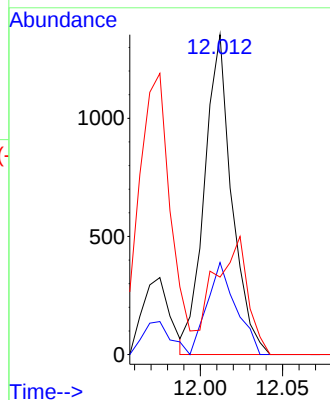
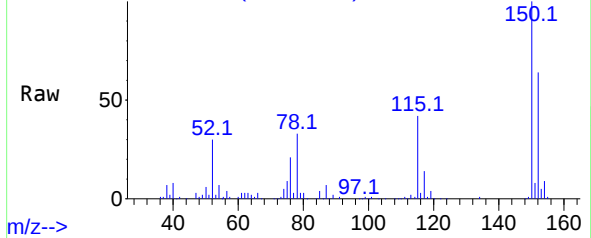


#86
p-Isopropyltoluene
Concen: 0.337 ug/l
RT: 12.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033003.D
Acq: 23 Nov 2022 00:54

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion:	119	Resp:	1566
Ion	Ratio	Lower	Upper
119	100		
134	30.1	12.9	38.7
91	45.4	12.5	37.5#

Abundance Scan 1792 (12.012 min): VX033003.D\data.ms



Abundance Scan 1792 (12.012 min): VX033003.D\data.ms (-

