

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032928.D
 Acq On : 18 Nov 2022 16:28
 Operator : JC/MD
 Sample : N5671-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20221115

Quant Time: Nov 19 03:07:53 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)

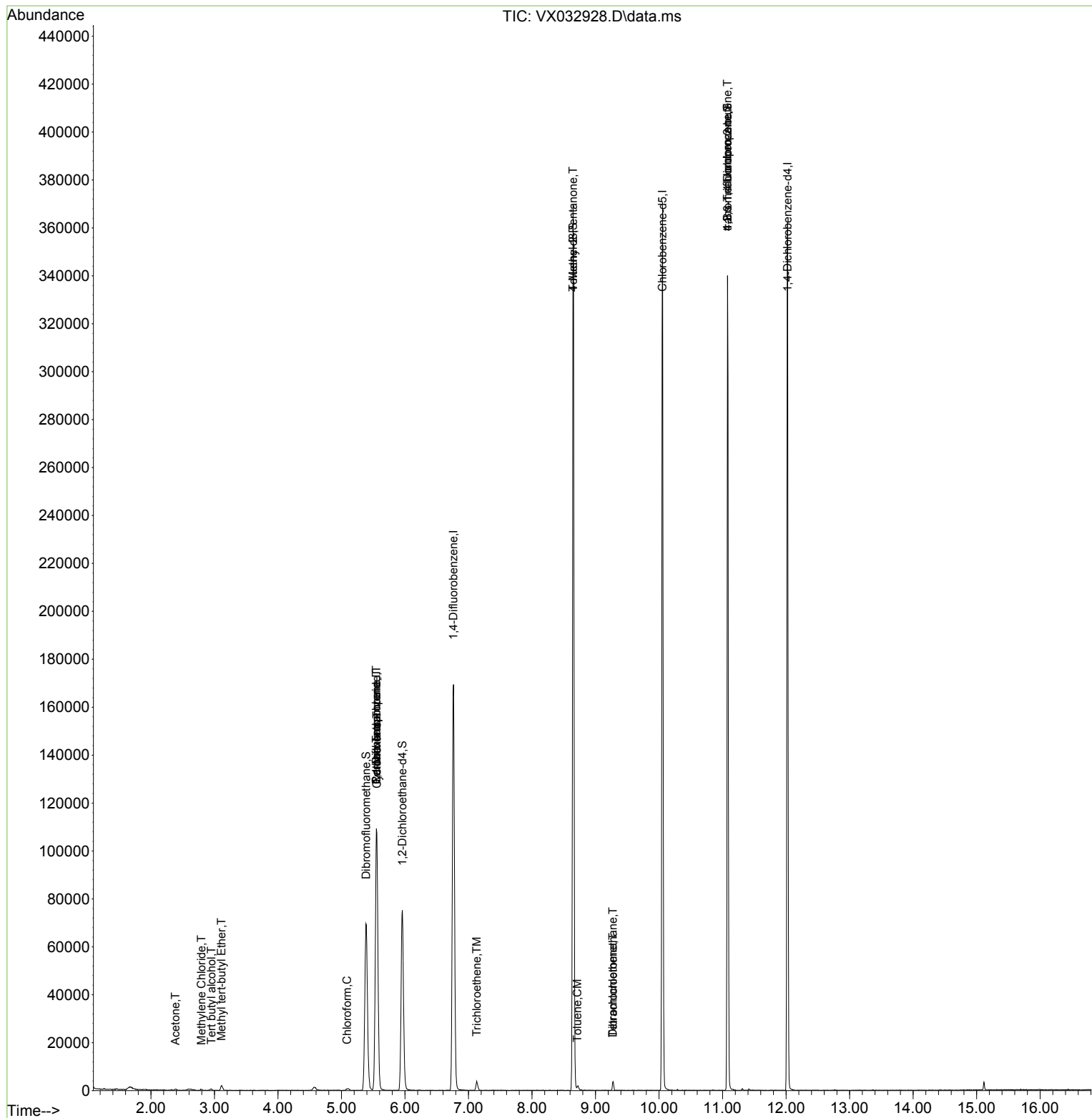
Internal Standards						
1) Pentafluorobenzene	5.550	168	104110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75745	52.361	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.720%	
35) Dibromofluoromethane	5.385	113	60113	48.558	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.120%	
50) Toluene-d8	8.647	98	218726	50.812	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	11.079	95	84053	49.987	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	309	1.468	ug/l #	72
16) Acetone	2.386	43	648	1.232	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	2309	0.629	ug/l #	91
20) Methylene Chloride	2.794	84	300	0.249	ug/l #	60
30) Chloroform	5.086	83	464	0.204	ug/l #	81
31) Cyclohexane	5.556	56	2139	1.220	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	7776	4.511	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10584	5.535	ug/l #	17
44) Trichloroethene	7.129	130	1517	1.105	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1047	0.603	ug/l #	1
52) Toluene	8.714	92	688	0.216	ug/l	98
60) Dibromochloromethane	9.275	129	513	0.350	ug/l #	11
64) Tetrachloroethene	9.275	164	580	0.498	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	45960	27.542	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45960	87.641	ug/l #	6

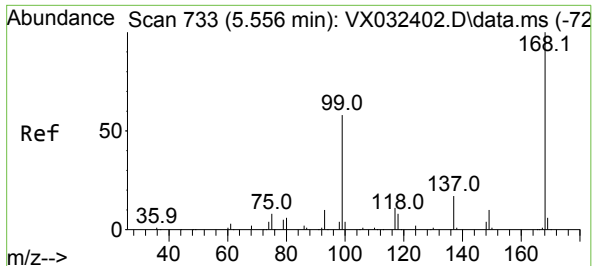
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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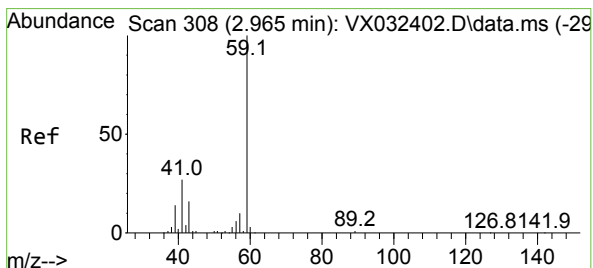
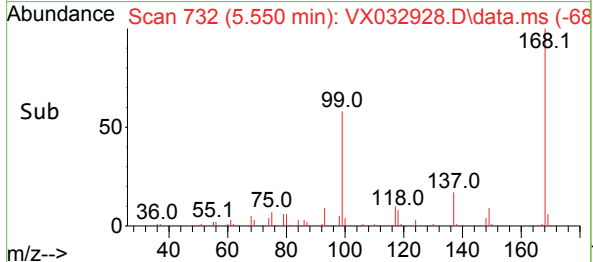
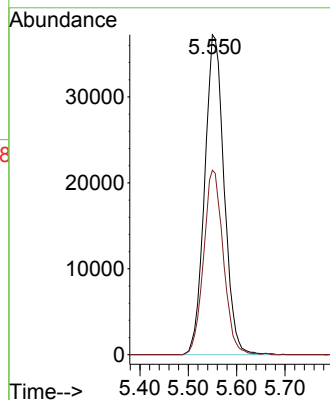
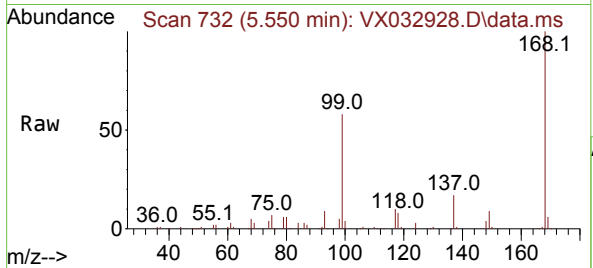




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

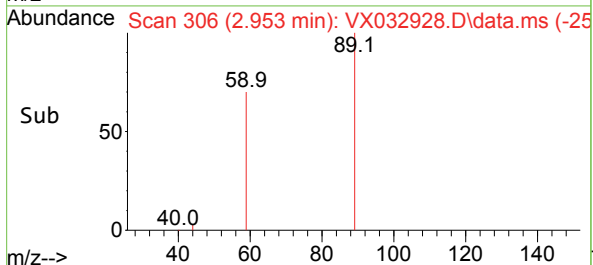
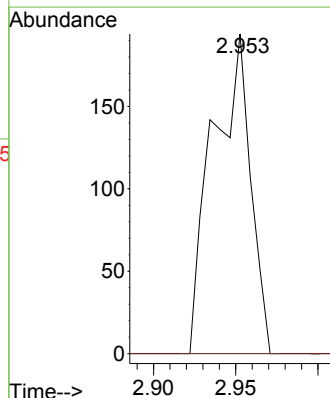
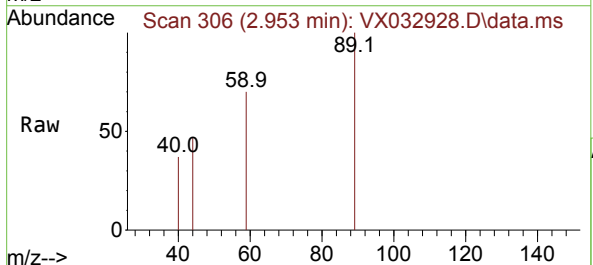
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

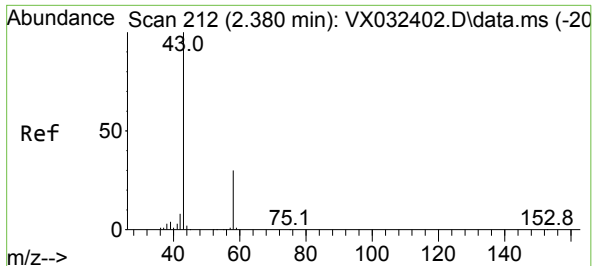
Tgt Ion:168 Resp: 104110
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.468 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

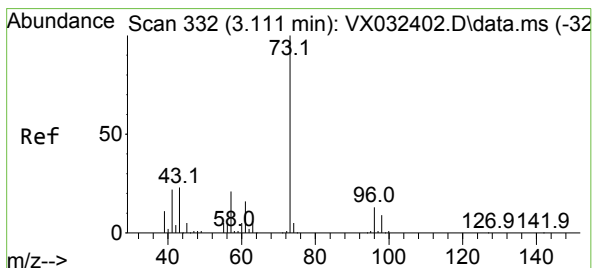
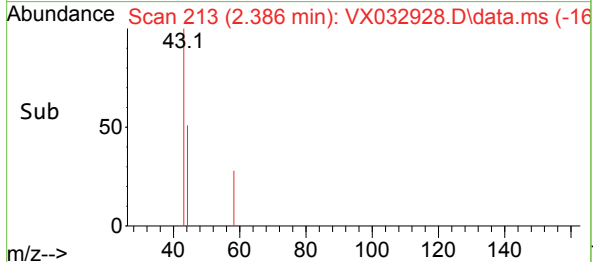
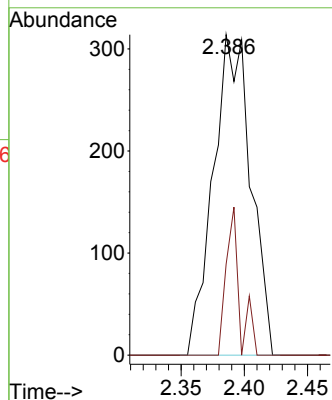
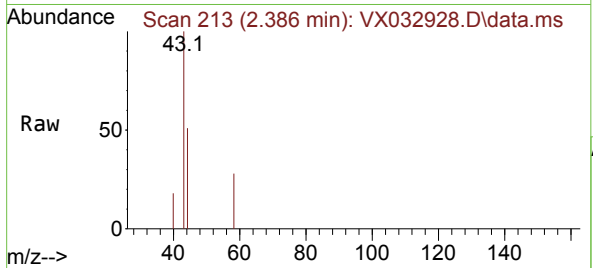




#16
Acetone
Concen: 1.232 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

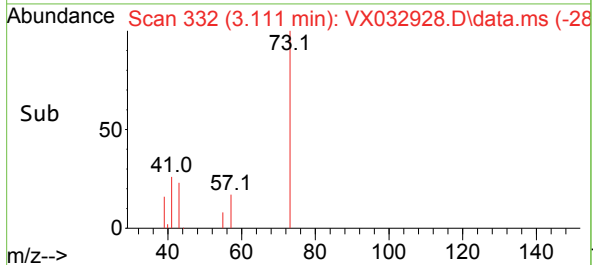
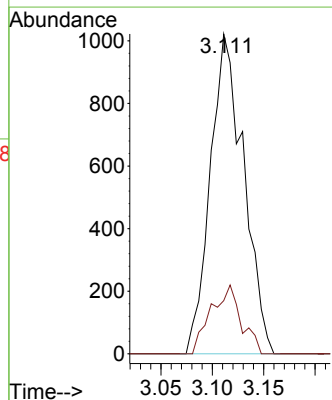
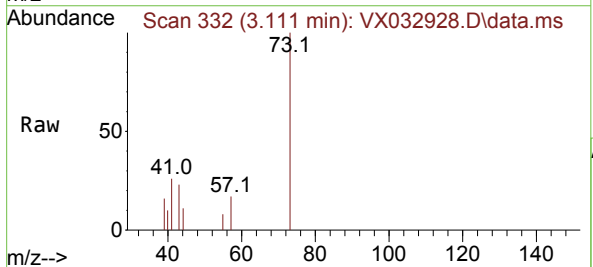
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

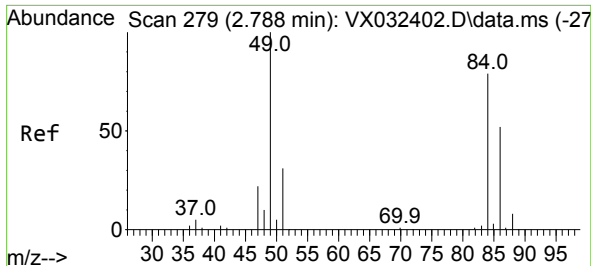
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 28.3 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 0.629 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion: 73 Resp: 2309
Ion Ratio Lower Upper
73 100
57 16.6 16.6 25.0#





#20

Methylene Chloride

Concen: 0.249 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032928.D

Acq: 18 Nov 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

MW178I-20221115

Tgt Ion: 84 Resp: 300

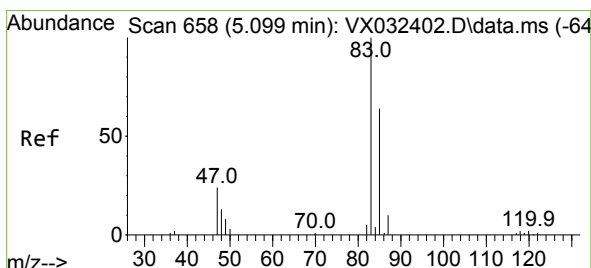
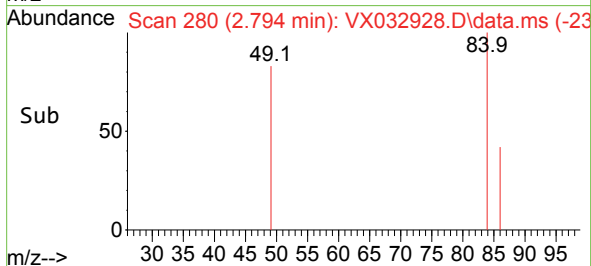
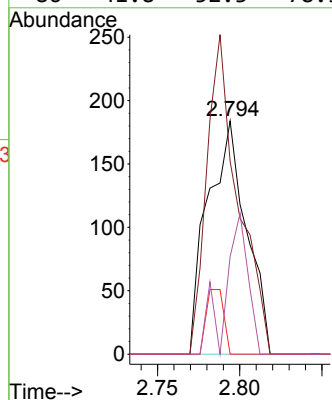
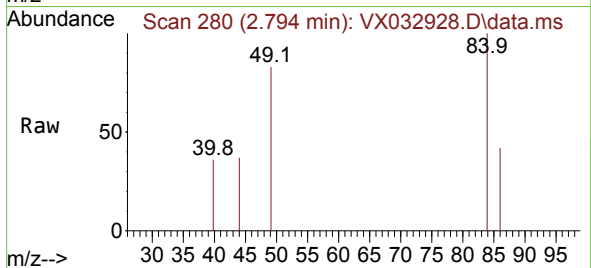
Ion Ratio Lower Upper

84 100

49 82.6 101.0 151.6#

51 0.0 31.1 46.7#

86 41.8 52.3 78.5#



#30

Chloroform

Concen: 0.204 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX032928.D

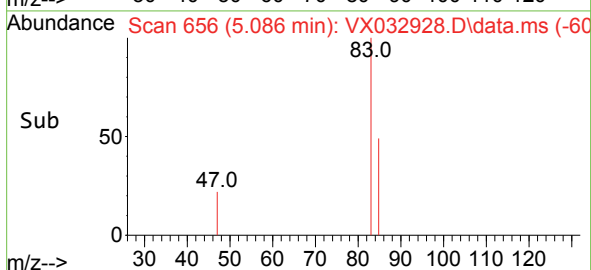
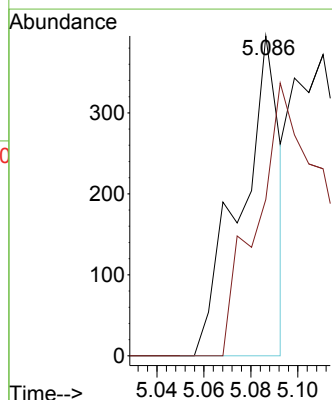
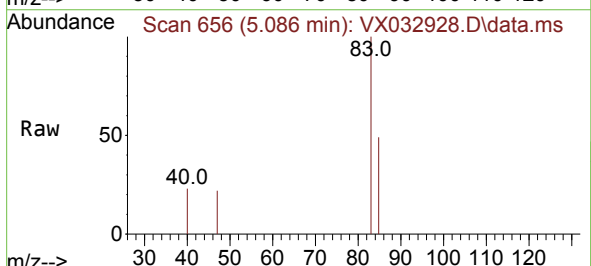
Acq: 18 Nov 2022 16:28

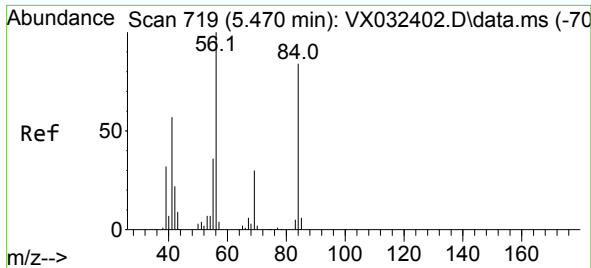
Tgt Ion: 83 Resp: 464

Ion Ratio Lower Upper

83 100

85 48.9 51.1 76.7#

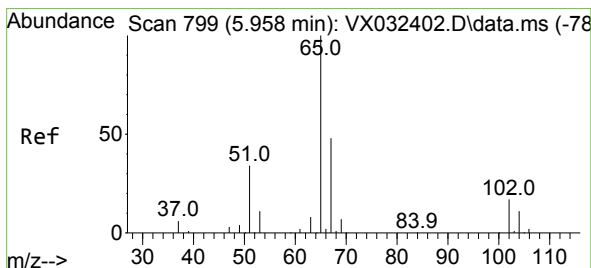
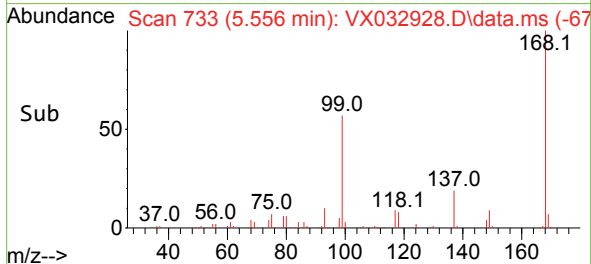
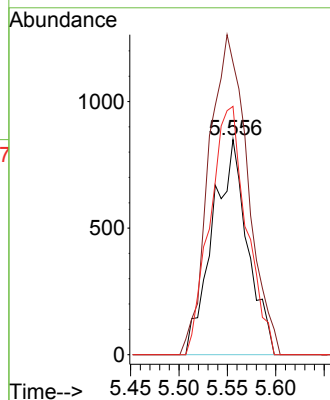
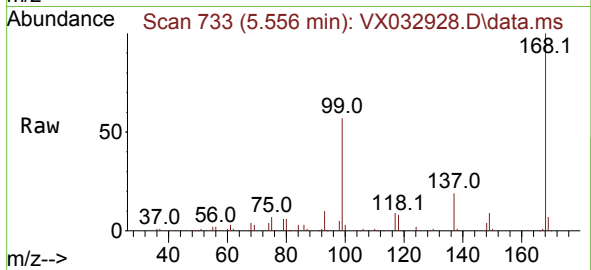




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

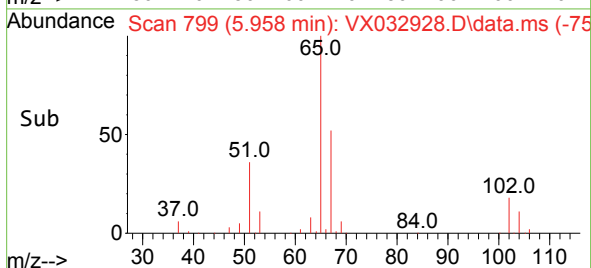
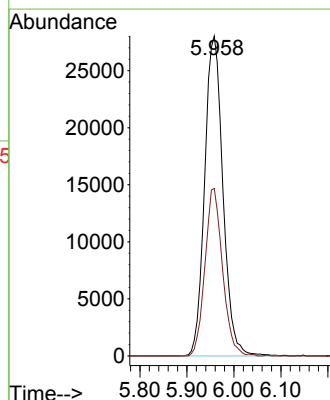
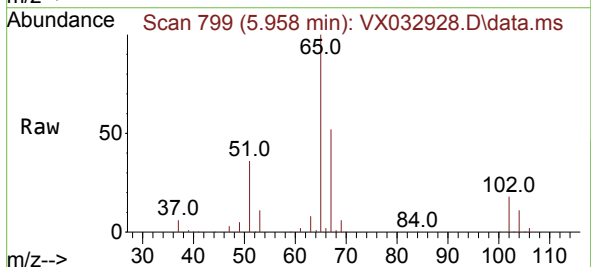
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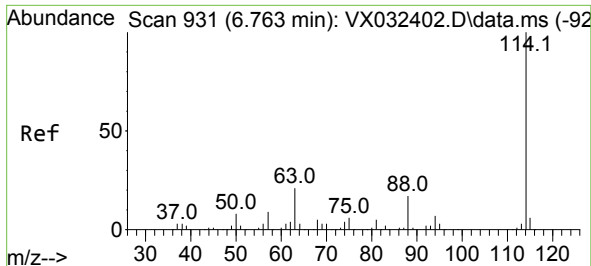
Tgt Ion: 56 Resp: 2139
Ion Ratio Lower Upper
56 100
69 135.8 24.1 36.1#
84 115.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.361 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion: 65 Resp: 75745
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

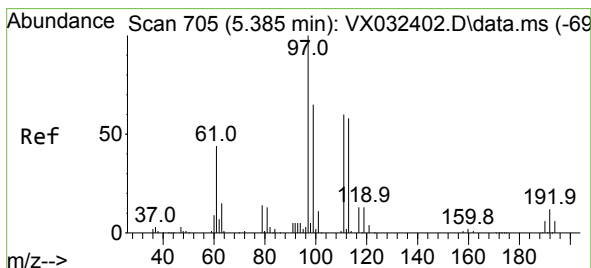
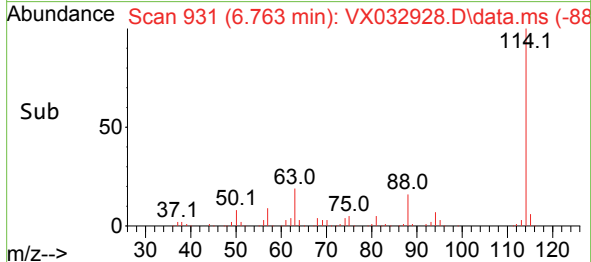
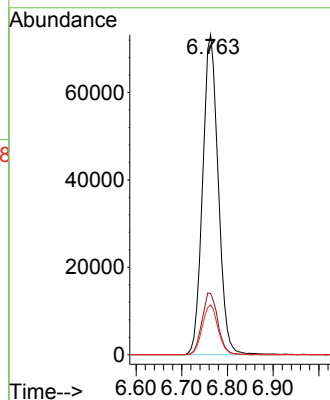
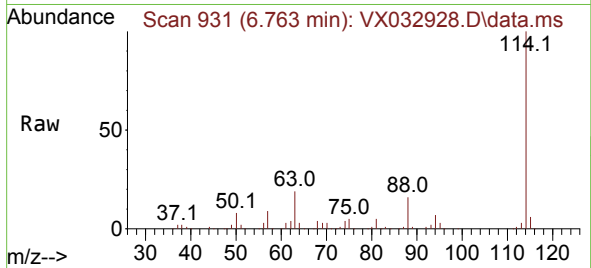




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

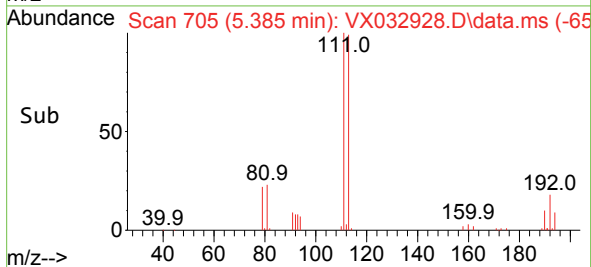
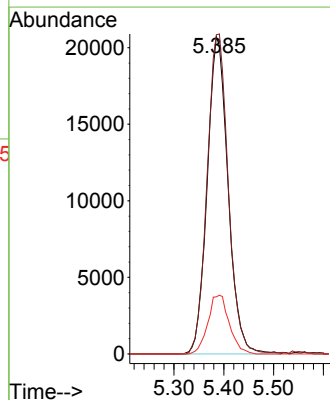
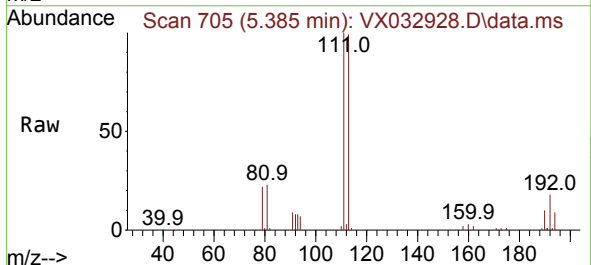
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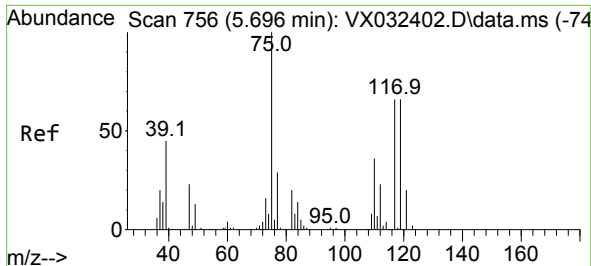
Tgt Ion:114 Resp: 173551
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.558 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion:113 Resp: 60113
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.0 15.4 23.2

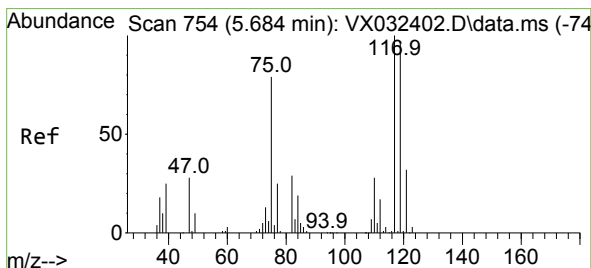
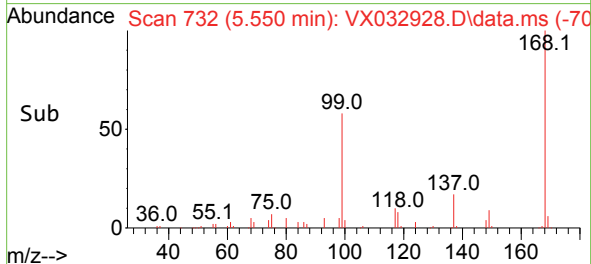
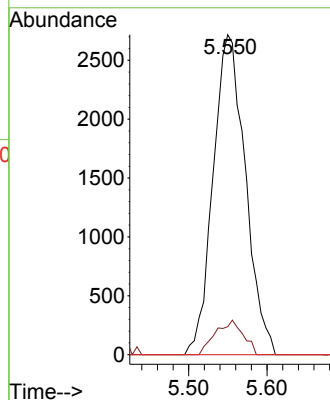
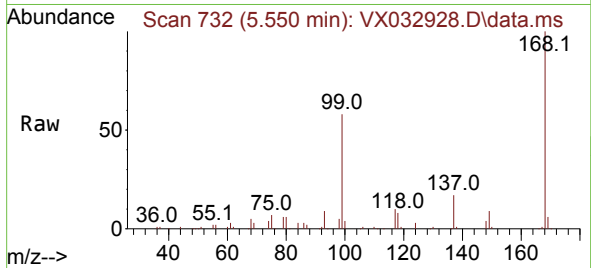




#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

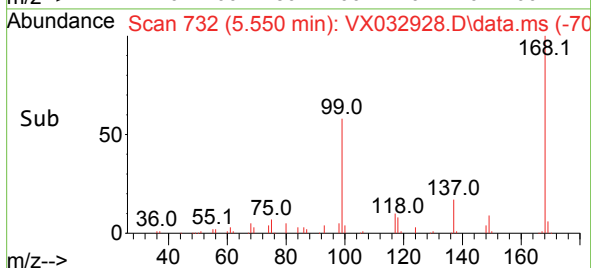
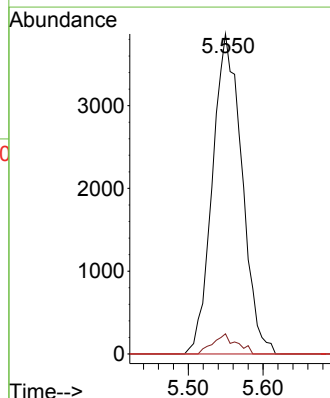
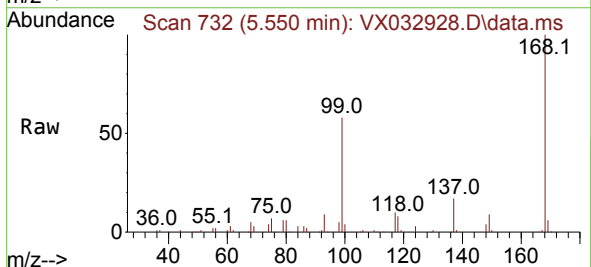
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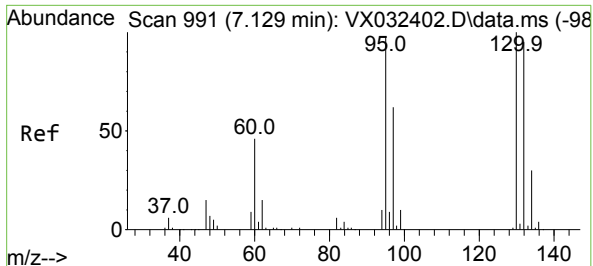
Tgt Ion: 75 Resp: 7776
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.535 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion: 117 Resp: 10584
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 25.8 38.6#

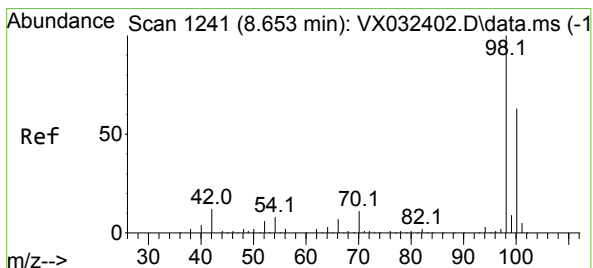
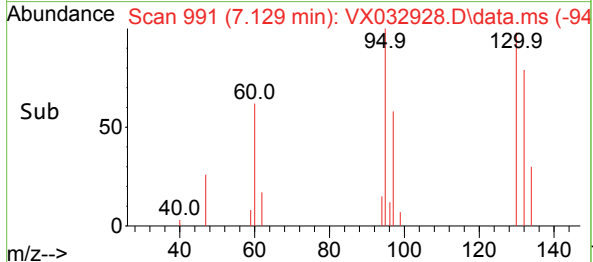
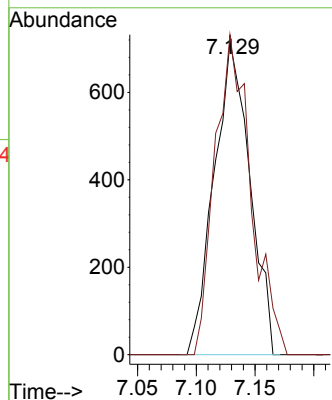
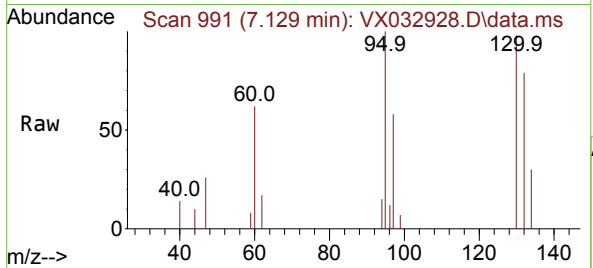




#44
Trichloroethene
Concen: 1.105 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

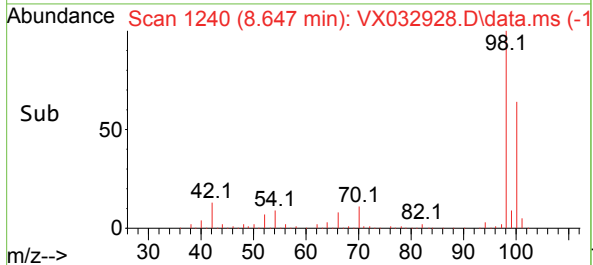
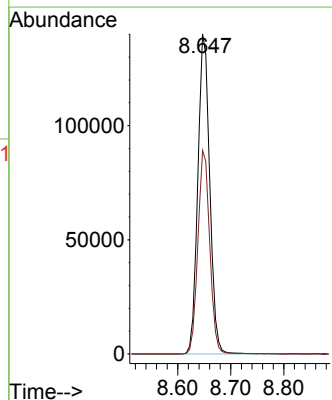
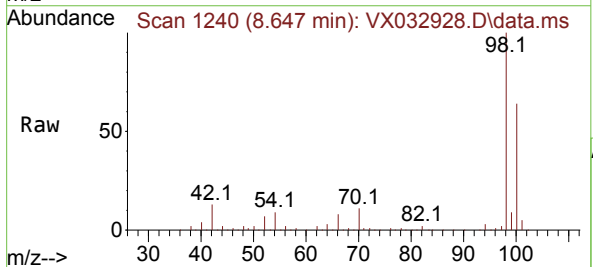
Instrument :
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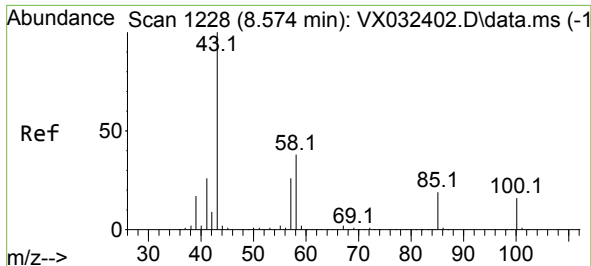
Tgt Ion:130 Resp: 1517
Ion Ratio Lower Upper
130 100
95 102.1 0.0 195.2



#50
Toluene-d8
Concen: 50.812 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion: 98 Resp: 218726
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

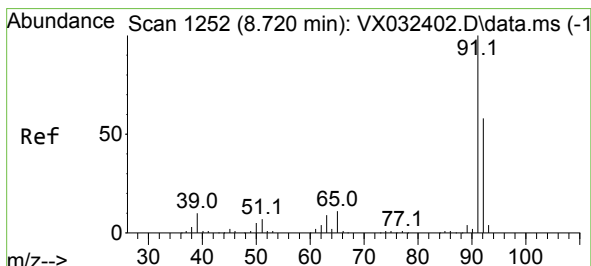
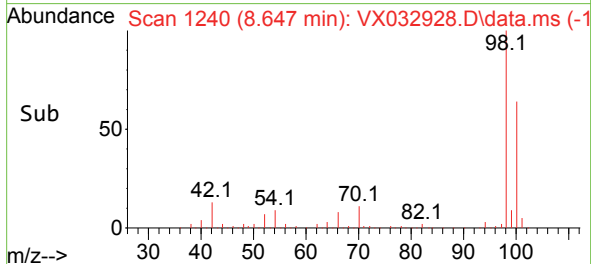
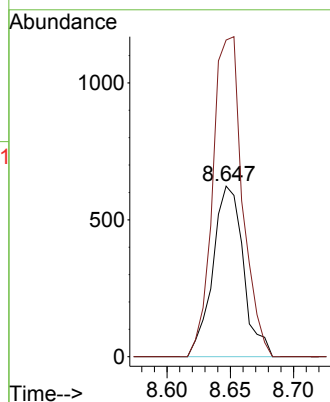
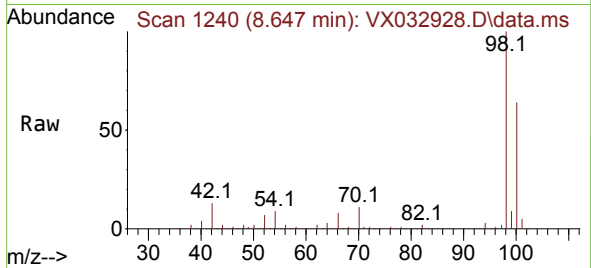




#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

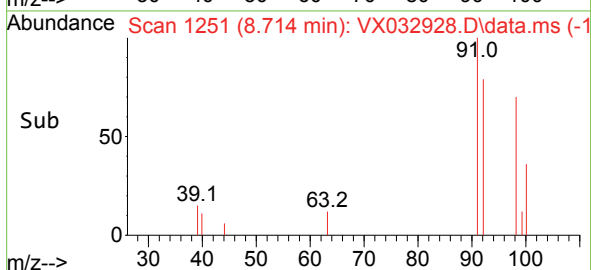
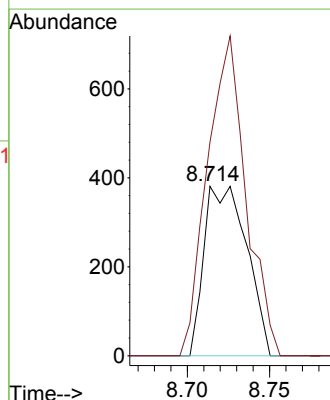
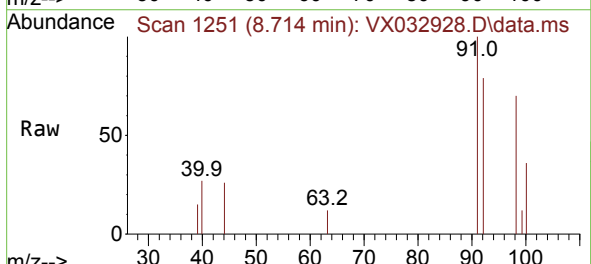
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

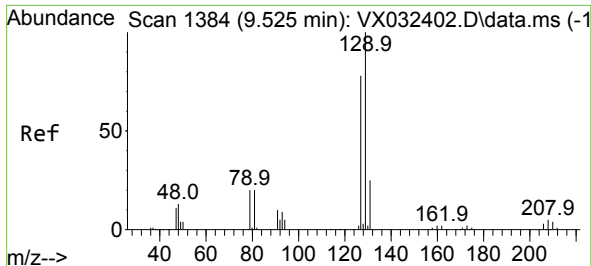
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 183.2 30.9 46.3#



#52
Toluene
Concen: 0.216 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion: 92 Resp: 688
Ion Ratio Lower Upper
92 100
91 170.5 138.3 207.5

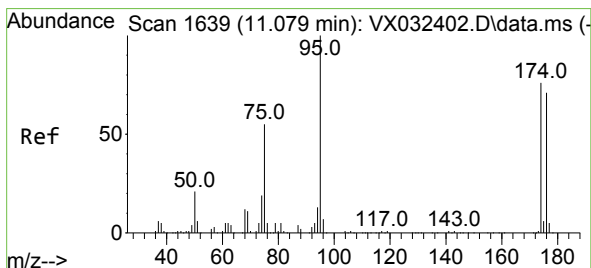
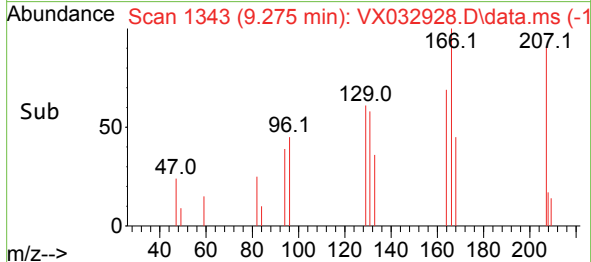
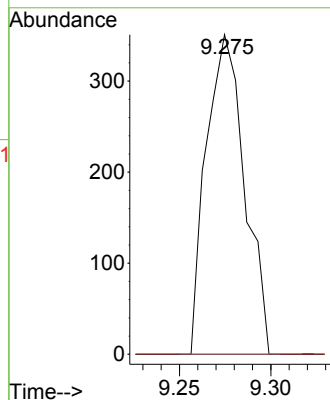
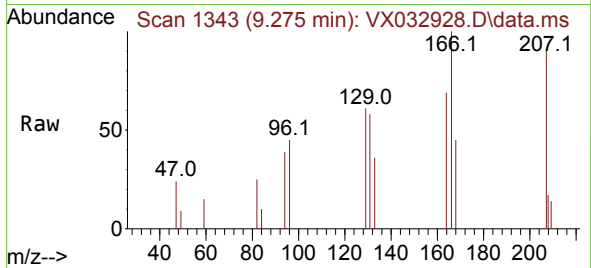




#60
Dibromochloromethane
Concen: 0.350 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

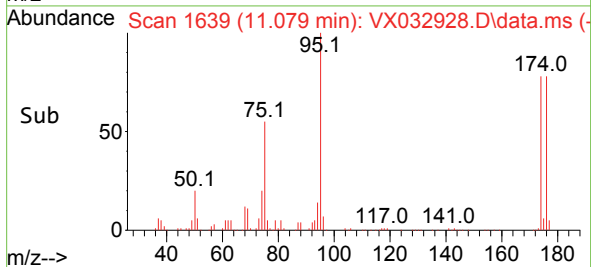
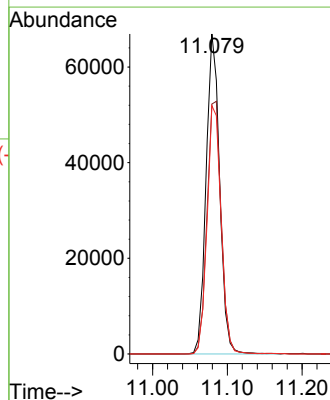
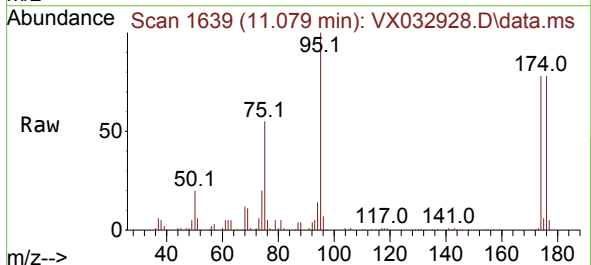
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

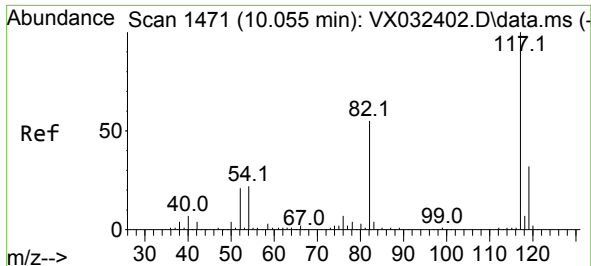
Tgt Ion:129 Resp: 513
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 49.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion: 95 Resp: 84053
Ion Ratio Lower Upper
95 100
174 83.2 0.0 164.0
176 80.2 0.0 154.4

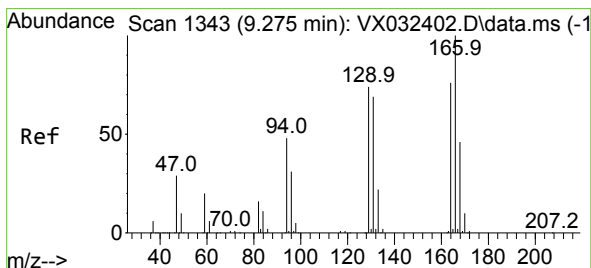
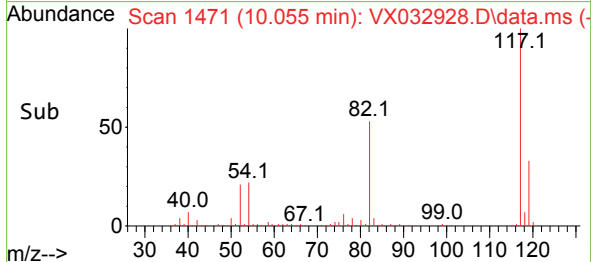
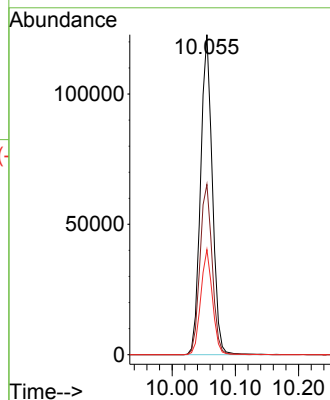
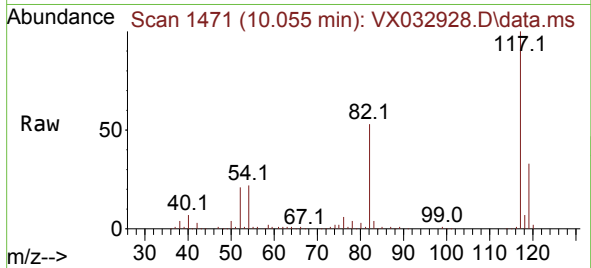




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

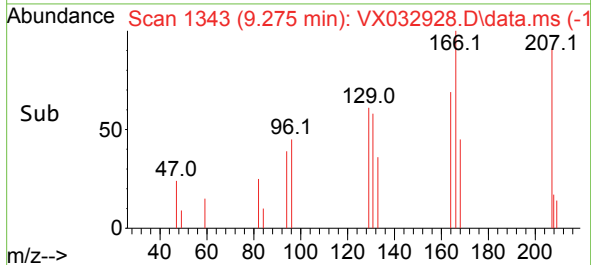
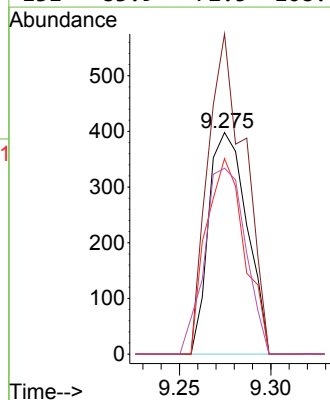
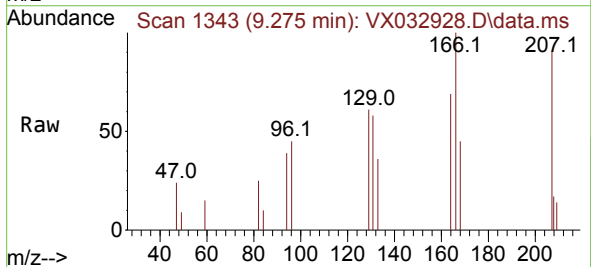
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

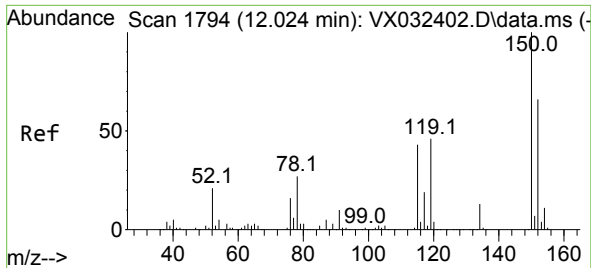
Tgt Ion:117 Resp: 159087
Ion Ratio Lower Upper
117 100
82 53.2 44.3 66.5
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 0.498 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

Tgt Ion:164 Resp: 580
Ion Ratio Lower Upper
164 100
166 144.5 105.4 158.2
129 88.2 78.2 117.2
131 83.9 72.5 108.7

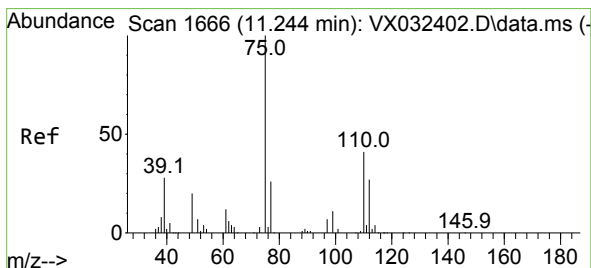
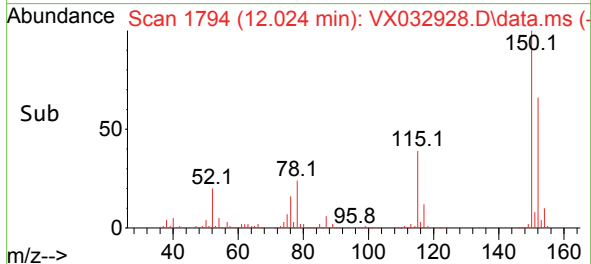
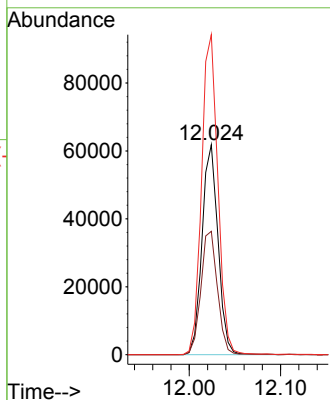
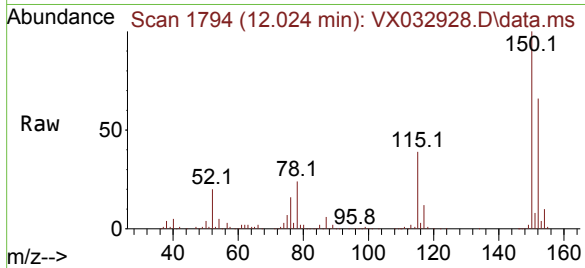




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

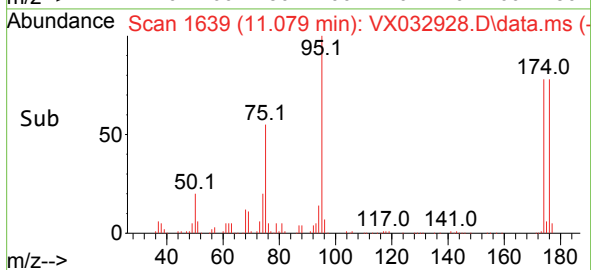
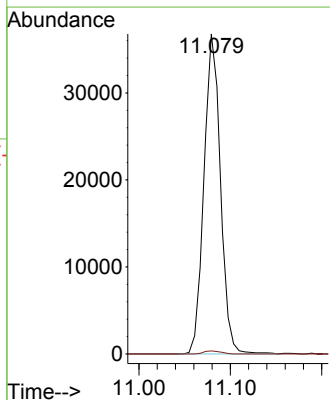
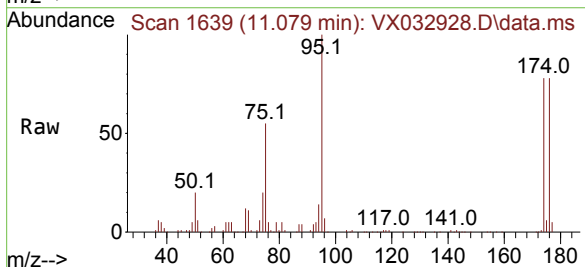
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

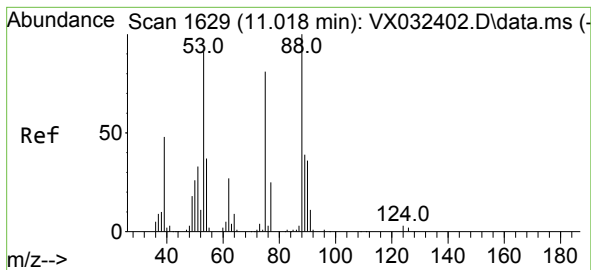
Tgt Ion:152 Resp: 75006
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 155.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032928.D
Acq: 18 Nov 2022 16:28

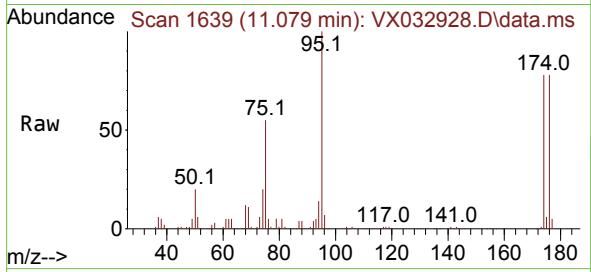
Tgt Ion: 75 Resp: 45960
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.641 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032928.D
 Acq: 18 Nov 2022 16:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20221115



Tgt Ion: 75 Resp: 45960
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

