

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032794.D
 Acq On : 14 Nov 2022 15:04
 Operator : JC/MD
 Sample : N5558-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20221109

Quant Time: Nov 15 05:08:22 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)

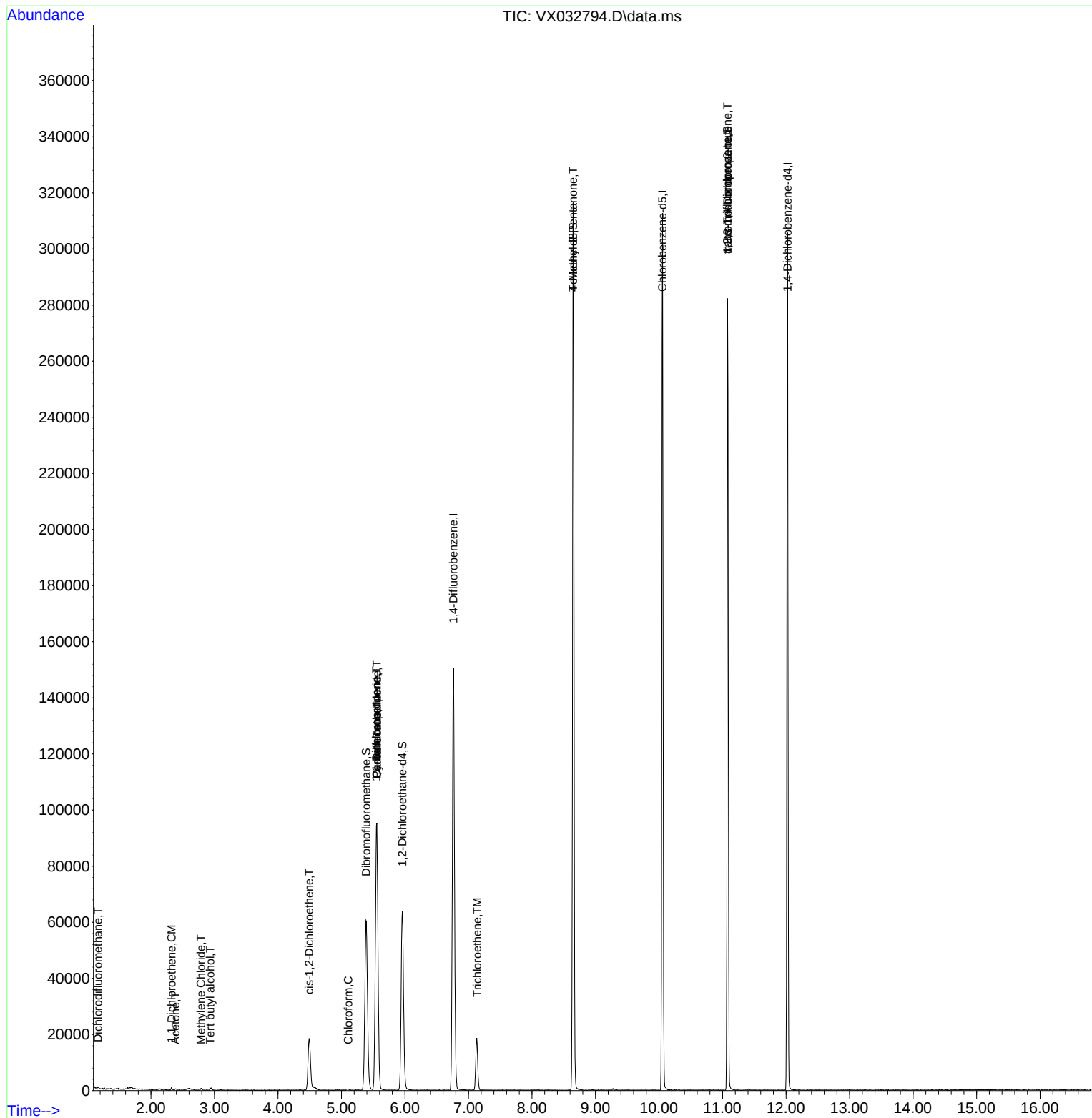
Internal Standards						
1) Pentafluorobenzene	5.556	168	91310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63718	50.222	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.440%			
35) Dibromofluoromethane	5.385	113	52326	48.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.120%			
50) Toluene-d8	8.647	98	187619	49.553	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.100%			
62) 4-Bromofluorobenzene	11.079	95	68395	46.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	330	0.313	ug/l	94
11) Tert butyl alcohol	2.934	59	261	1.413	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	188	0.205	ug/l #	52
16) Acetone	2.386	43	635	1.377	ug/l	93
20) Methylene Chloride	2.788	84	317	0.300	ug/l #	72
27) cis-1,2-Dichloroethene	4.489	96	12081	10.486	ug/l	88
30) Chloroform	5.105	83	591	0.297	ug/l #	74
31) Cyclohexane	5.556	56	1932	1.256	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6637	4.377	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9180	5.458	ug/l #	17
44) Trichloroethene	7.135	130	7160	5.928	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	900	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37719	27.239	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37719	86.674	ug/l #	6

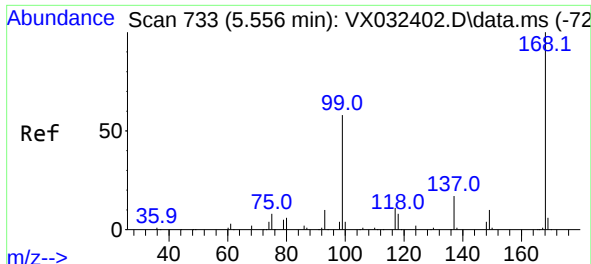
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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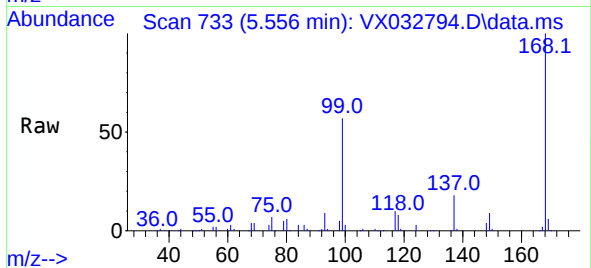
Quant Time: Nov 15 05:08:22 2022
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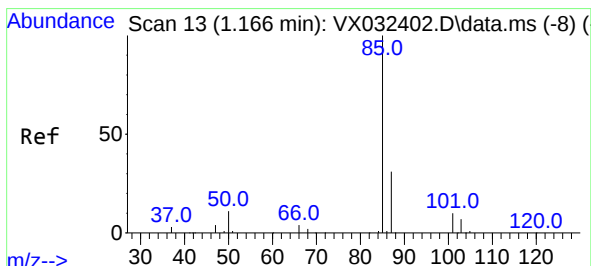
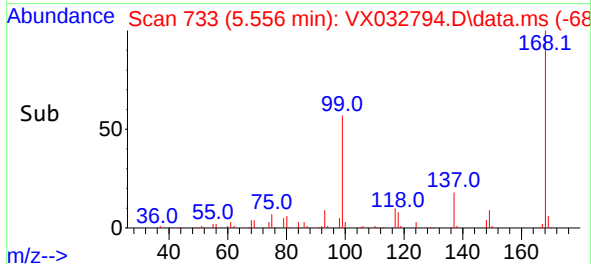
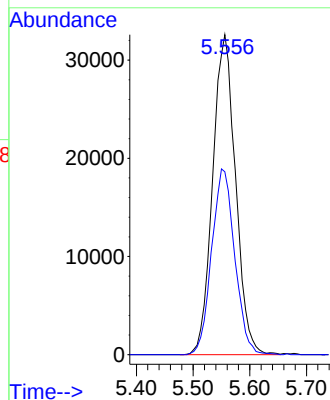


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_X
ClientSampleId :
22BR-20221109

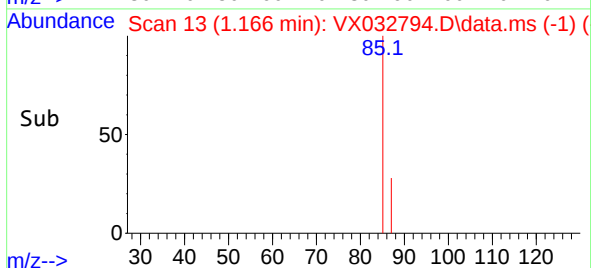
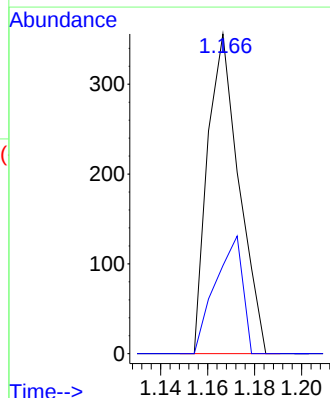
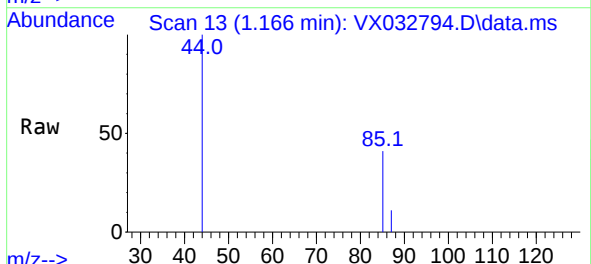


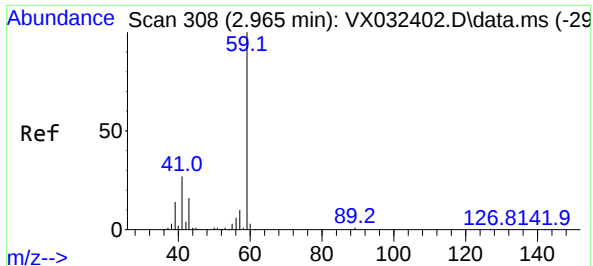
Tgt Ion:168 Resp: 91310
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.313 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 85 Resp: 330
Ion Ratio Lower Upper
85 100
87 27.5 15.6 46.7





#11

Tert butyl alcohol

Concen: 1.413 ug/l

RT: 2.934 min Scan# 308

Delta R.T. -0.030 min

Lab File: VX032794.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_X

ClientSampleId :

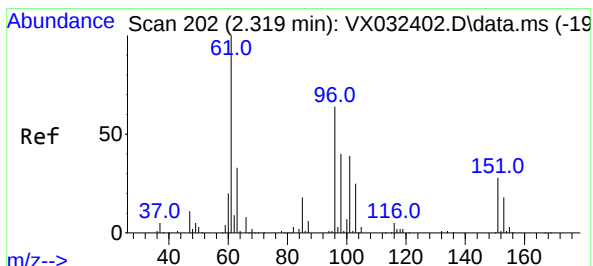
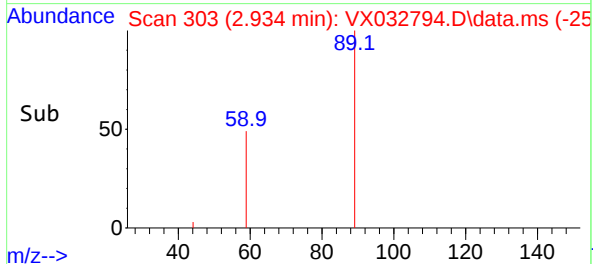
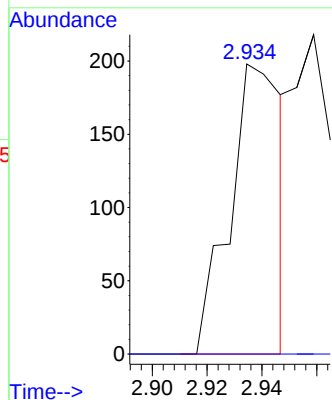
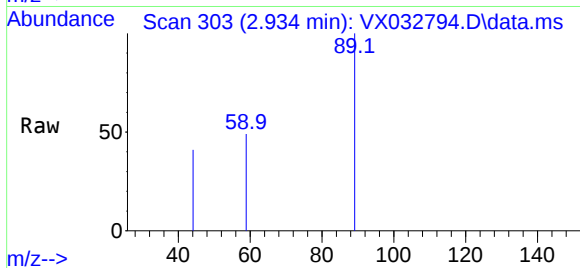
22BR-20221109

Tgt Ion: 59 Resp: 261

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.205 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX032794.D

Acq: 14 Nov 2022 15:04

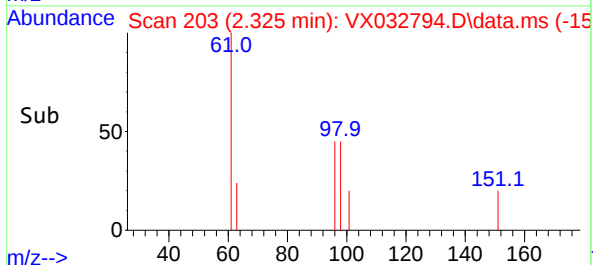
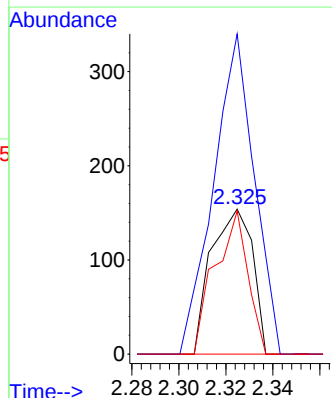
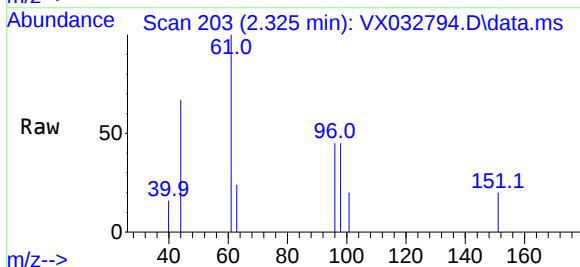
Tgt Ion: 96 Resp: 188

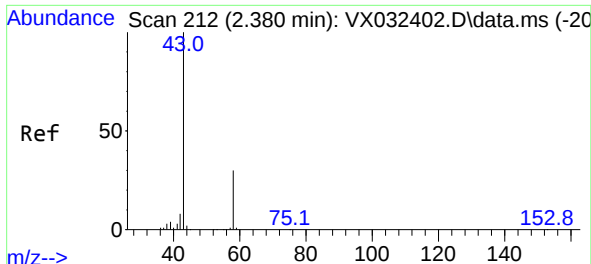
Ion Ratio Lower Upper

96 100

61 220.8 125.1 187.7#

98 98.7 50.6 76.0#

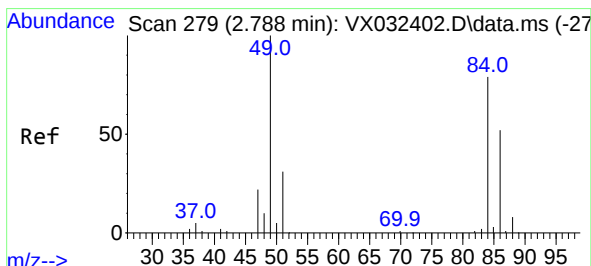
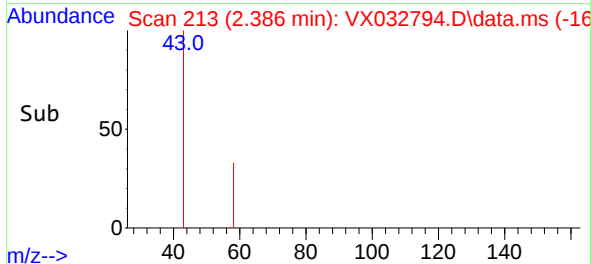
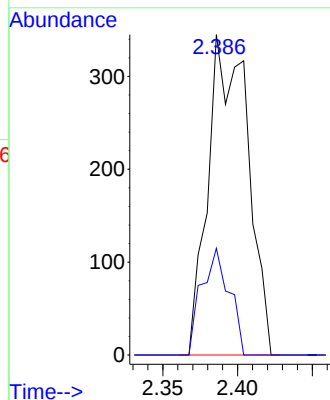
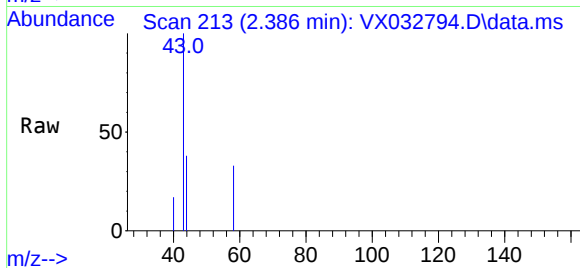




#16
Acetone
Concen: 1.377 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

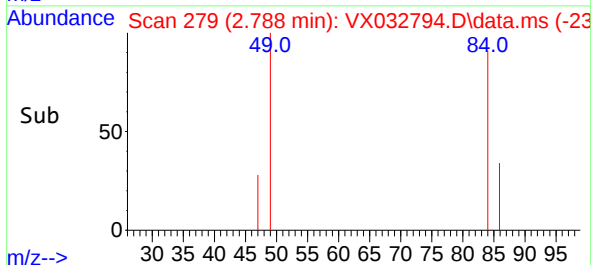
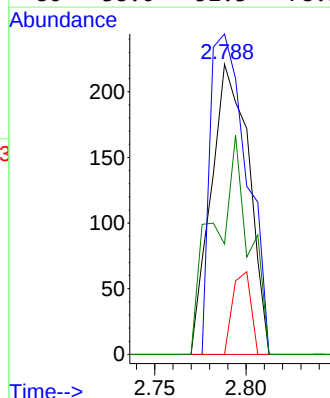
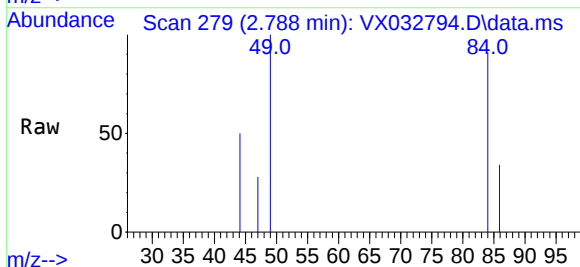
Instrument :
MSVOA_X
ClientSampleId :
22BR-20221109

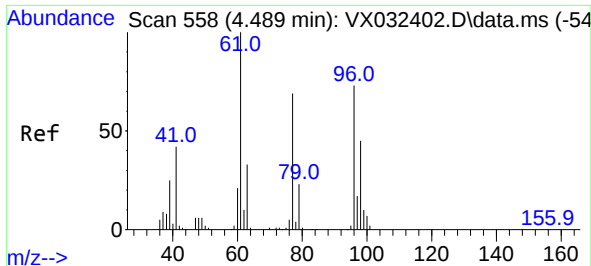
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 33.3 23.8 35.8



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 84 Resp: 317
Ion Ratio Lower Upper
84 100
49 110.4 101.0 151.6
51 0.0 31.1 46.7#
86 38.0 52.3 78.5#

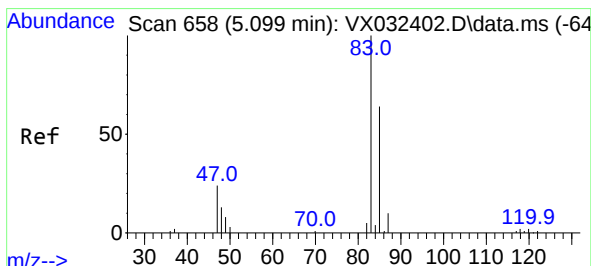
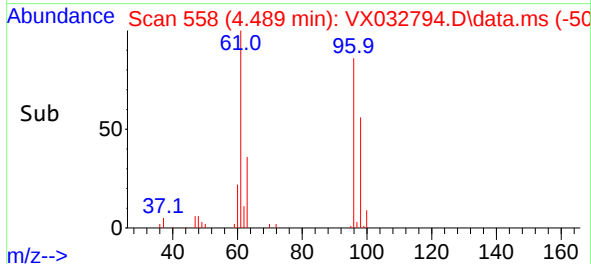
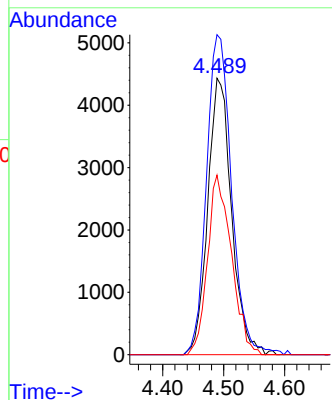
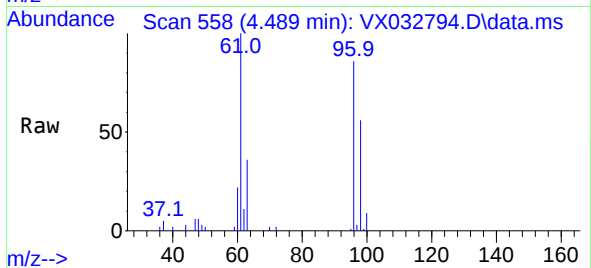




#27
 cis-1,2-Dichloroethene
 Concen: 10.486 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX032794.D
 Acq: 14 Nov 2022 15:04

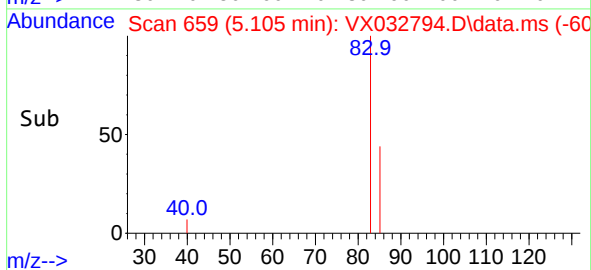
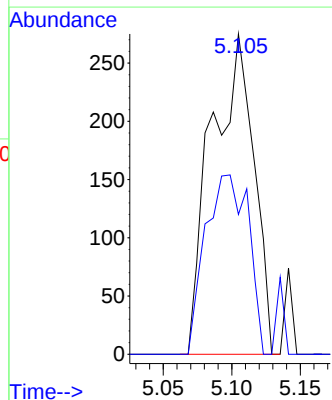
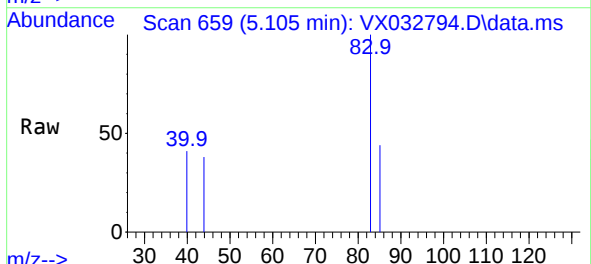
Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20221109

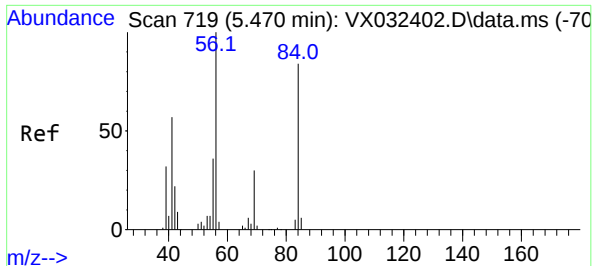
Tgt Ion: 96	Resp: 12081
Ion Ratio	Lower Upper
96 100	
61 121.5	0.0 286.0
98 65.0	0.0 129.6



#30
 Chloroform
 Concen: 0.297 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.006 min
 Lab File: VX032794.D
 Acq: 14 Nov 2022 15:04

Tgt Ion: 83	Resp: 591		
Ion Ratio	Lower	Upper	
83 100			
85 43.6	51.1	76.7#	

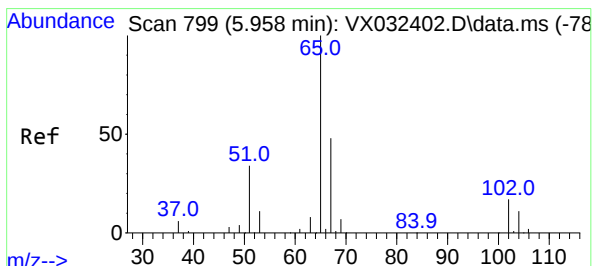
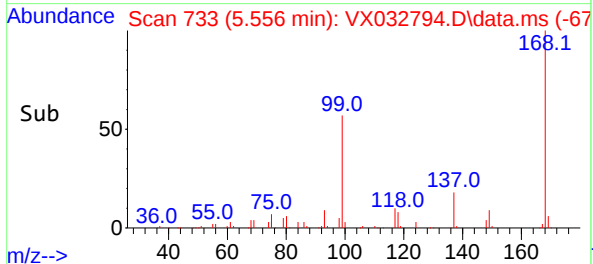
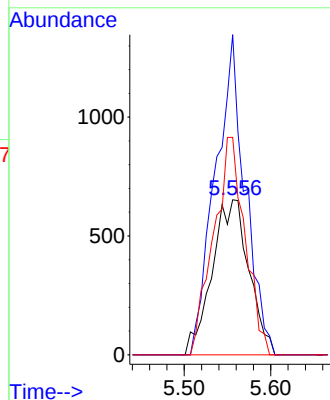
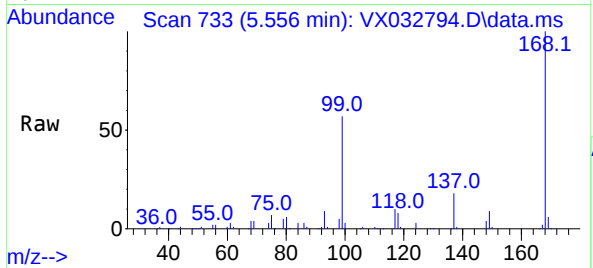




#31
Cyclohexane
Concen: 1.256 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

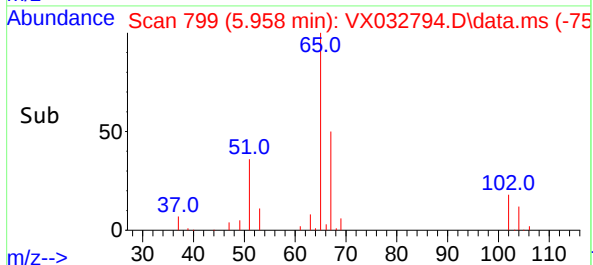
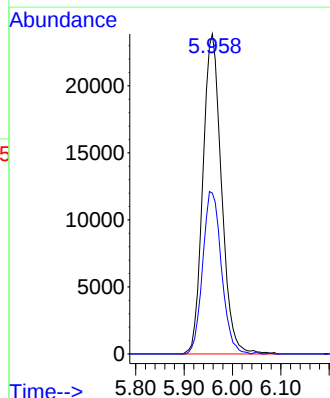
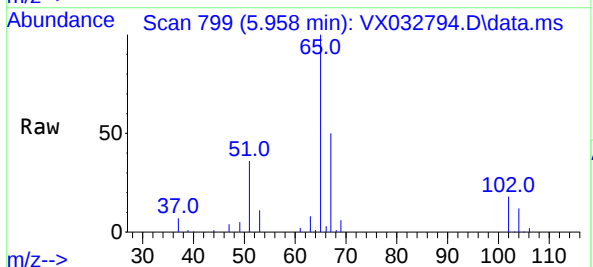
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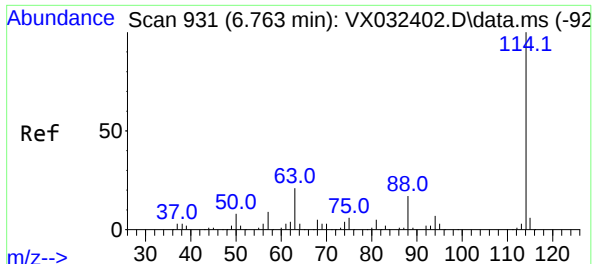
Tgt Ion: 56 Resp: 1932
Ion Ratio Lower Upper
56 100
69 206.6 24.1 36.1#
84 140.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.222 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 65 Resp: 63718
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

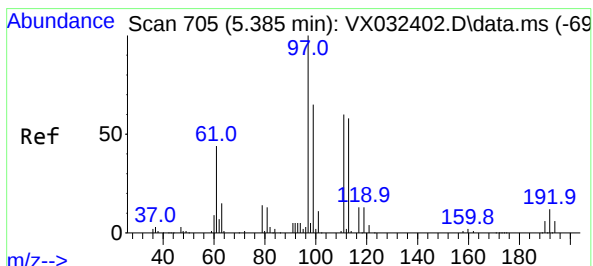
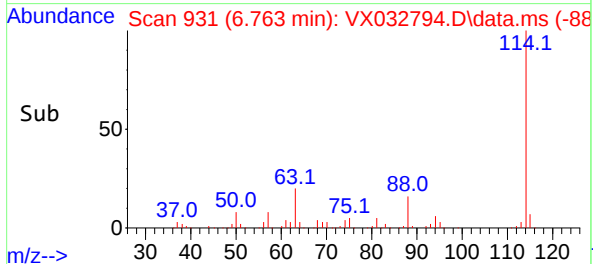
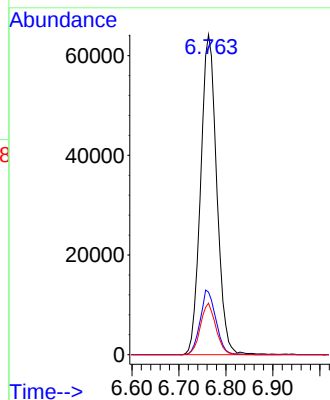
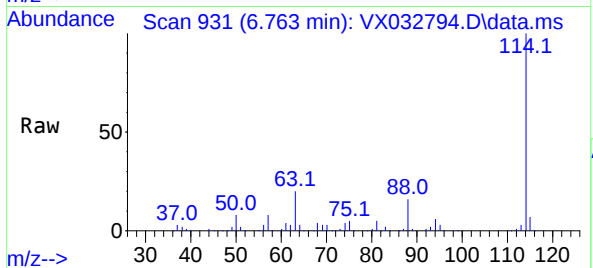




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

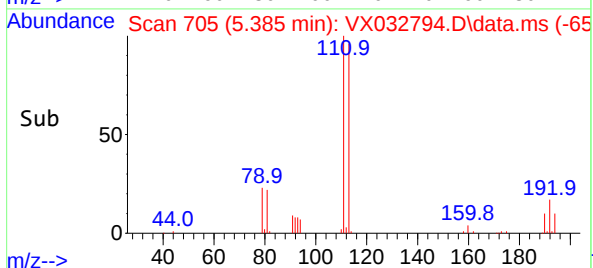
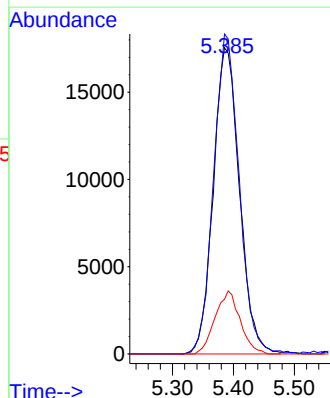
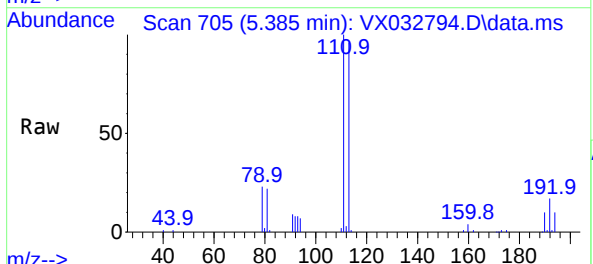
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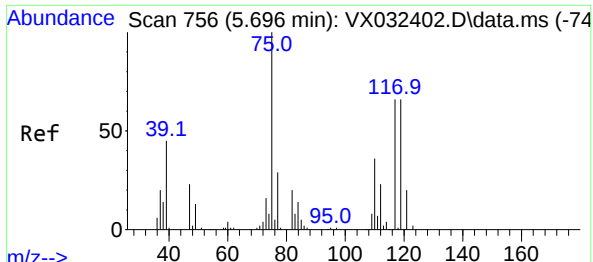
Tgt Ion:114 Resp: 152651
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.055 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Tgt Ion:113 Resp: 52326
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.7 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.377 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032794.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_X

ClientSampleId :

22BR-20221109

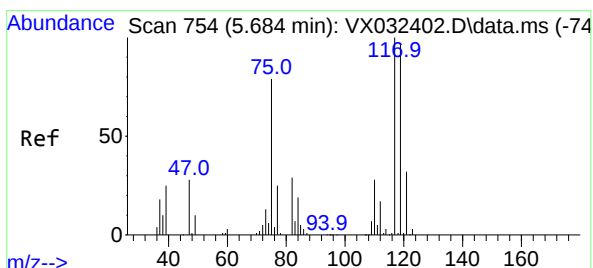
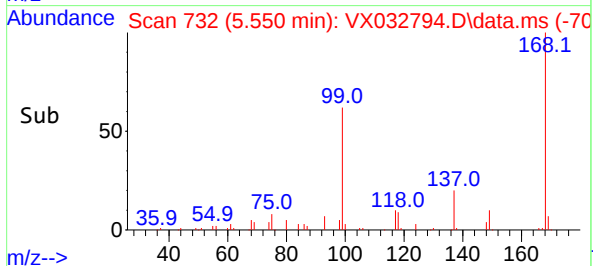
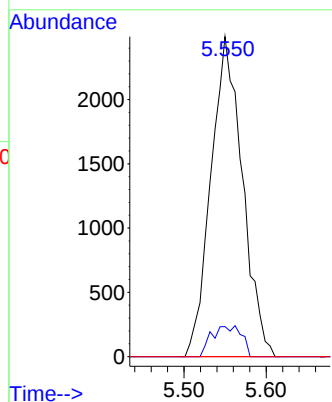
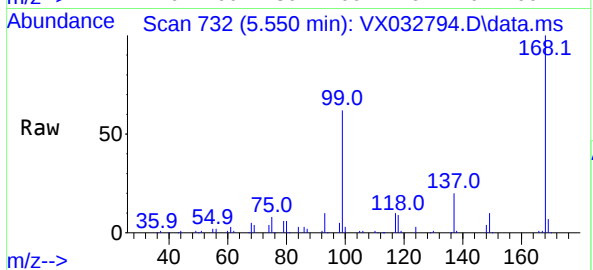
Tgt Ion: 75 Resp: 6637

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.458 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032794.D

Acq: 14 Nov 2022 15:04

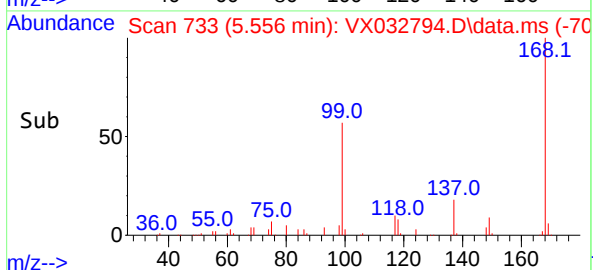
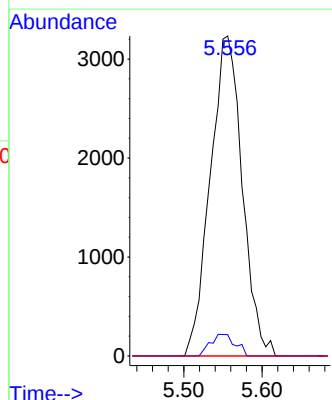
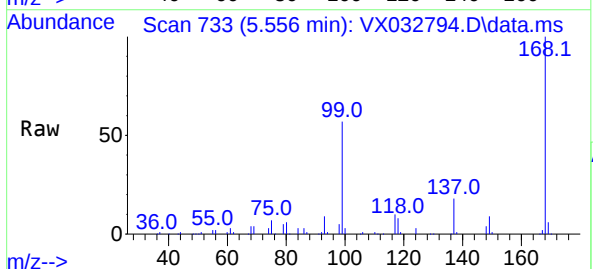
Tgt Ion: 117 Resp: 9180

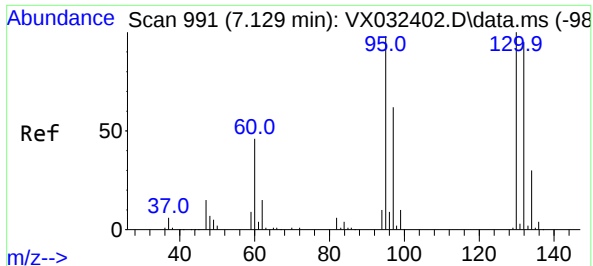
Ion Ratio Lower Upper

117 100

119 6.6 77.2 115.8#

121 0.0 25.8 38.6#

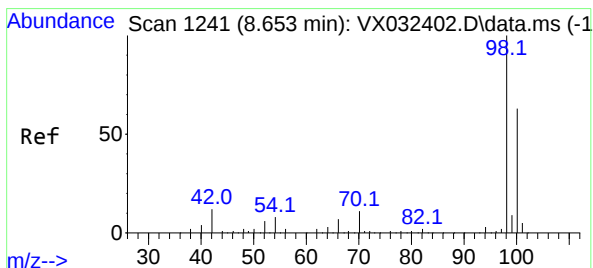
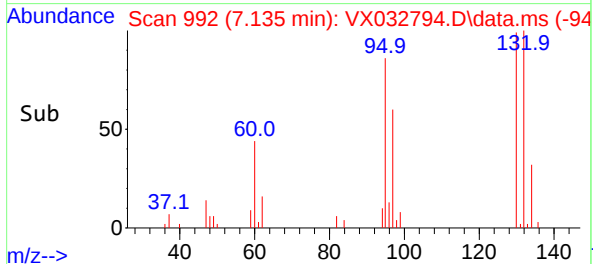
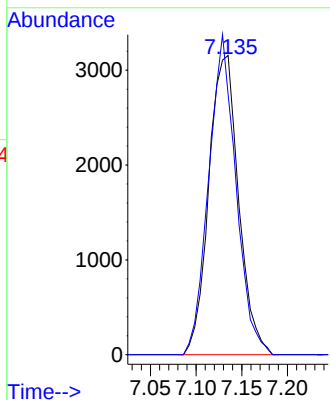
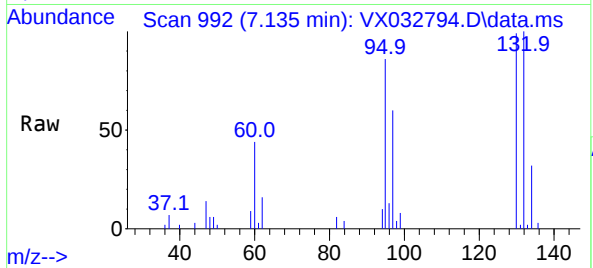




#44
Trichloroethene
Concen: 5.928 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

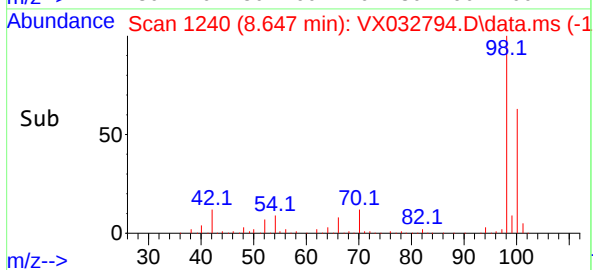
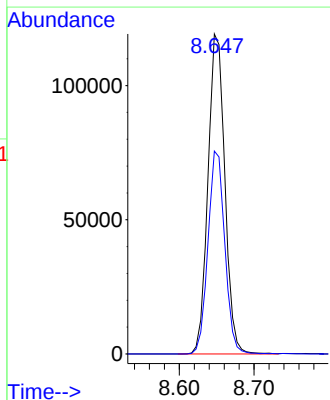
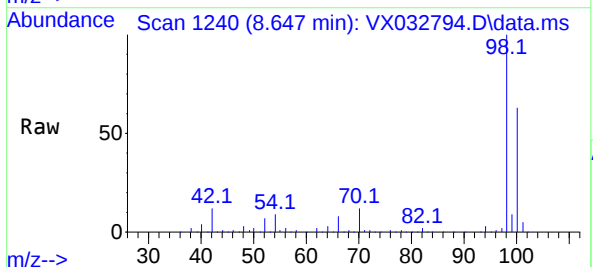
Instrument :
MSVOA_X
ClientSampleId :
22BR-20221109

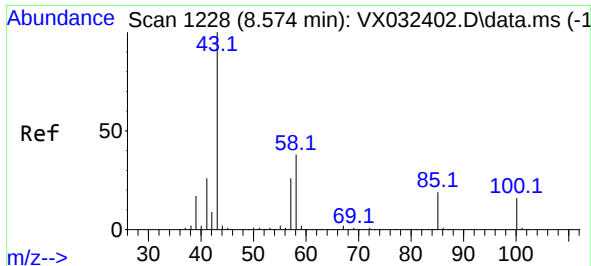
Tgt Ion:130 Resp: 7160
Ion Ratio Lower Upper
130 100
95 86.9 0.0 195.2



#50
Toluene-d8
Concen: 49.553 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 98 Resp: 187619
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.590 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032794.D

Acq: 14 Nov 2022 15:04

Instrument :

MSVOA_X

ClientSampleId :

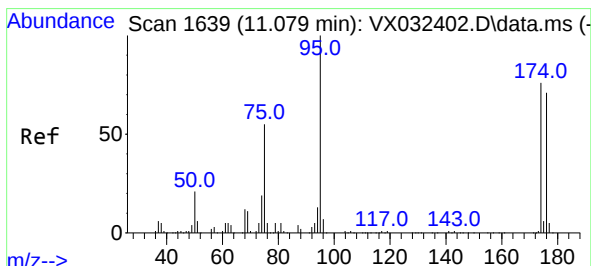
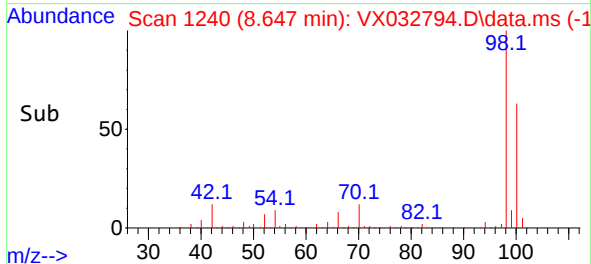
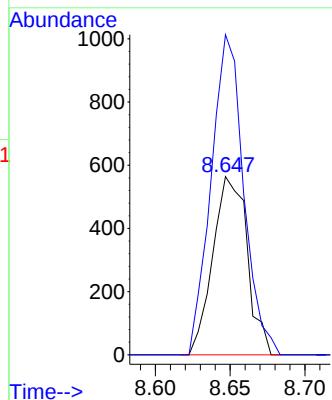
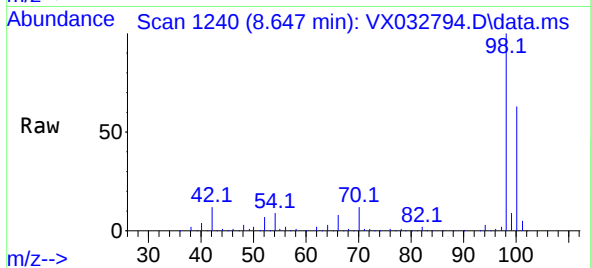
22BR-20221109

Tgt Ion: 43 Resp: 900

Ion Ratio Lower Upper

43 100

58 170.6 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.244 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032794.D

Acq: 14 Nov 2022 15:04

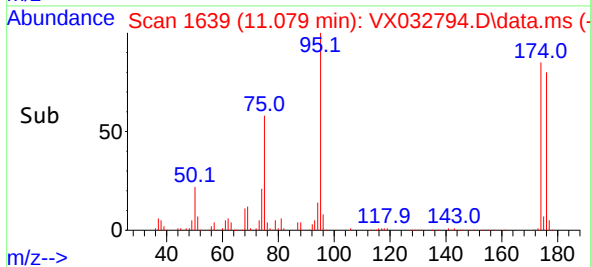
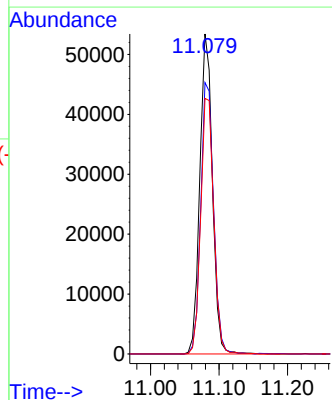
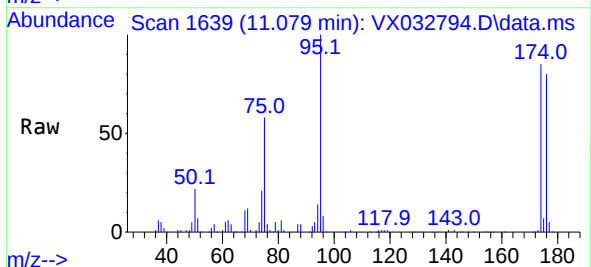
Tgt Ion: 95 Resp: 68395

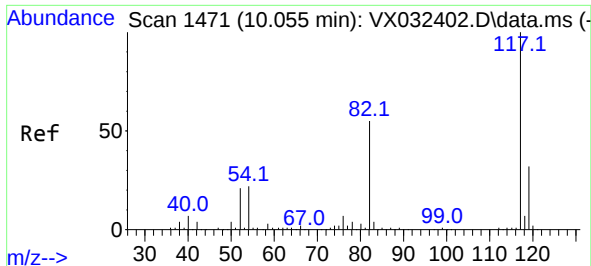
Ion Ratio Lower Upper

95 100

174 86.6 0.0 164.0

176 82.9 0.0 154.4

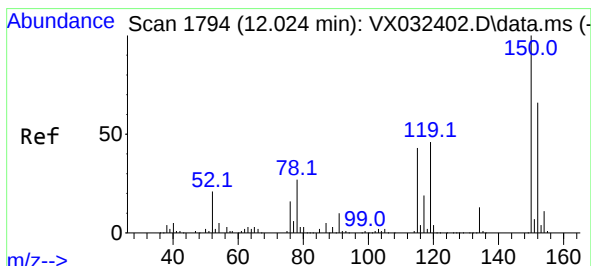
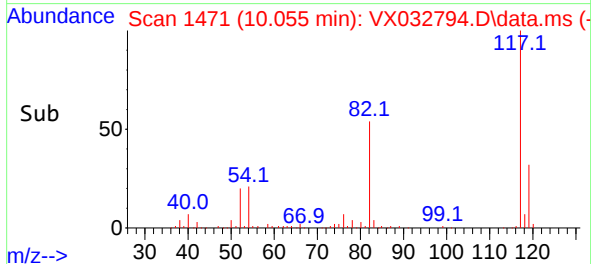
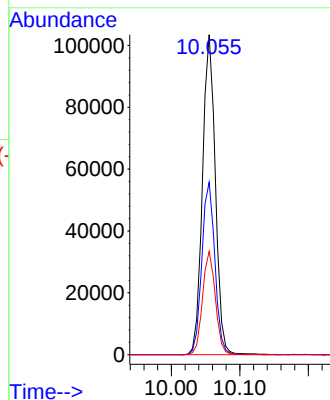
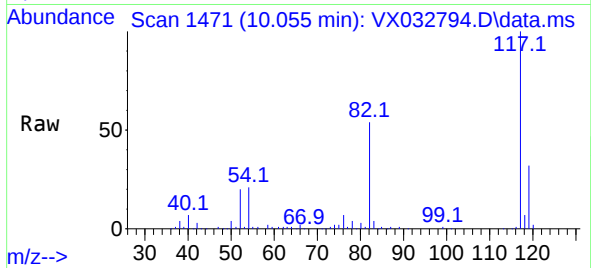




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

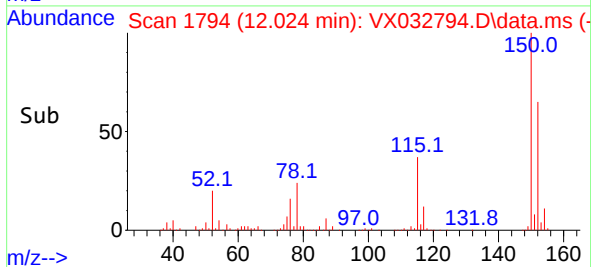
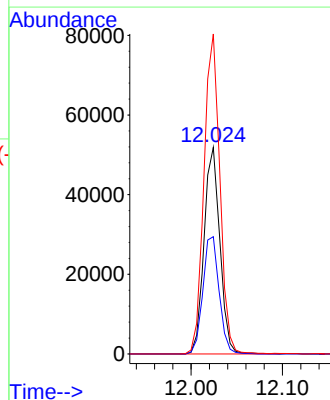
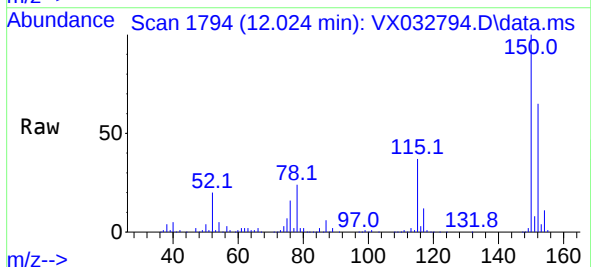
Instrument :
MSVOA_X
ClientSampleId :
22BR-20221109

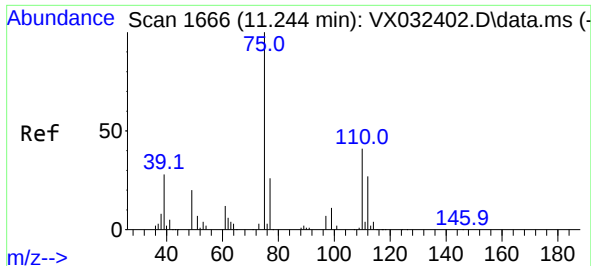
Tgt Ion:117 Resp: 135629
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Tgt Ion:152 Resp: 62243
Ion Ratio Lower Upper
152 100
115 58.5 44.0 132.0
150 155.8 0.0 351.8

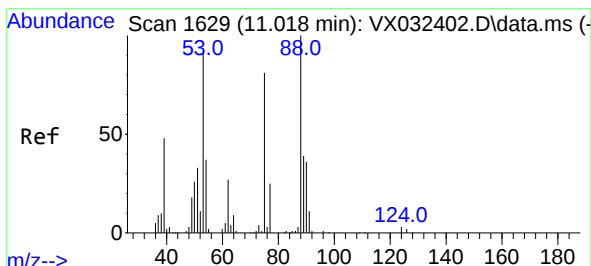
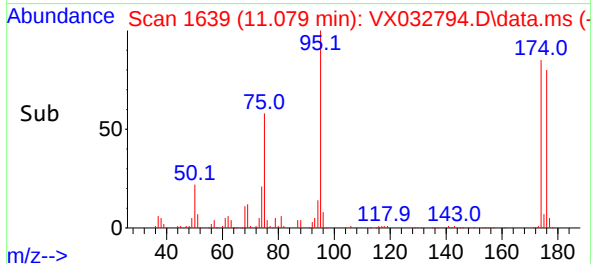
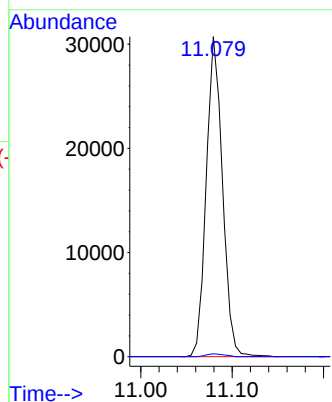
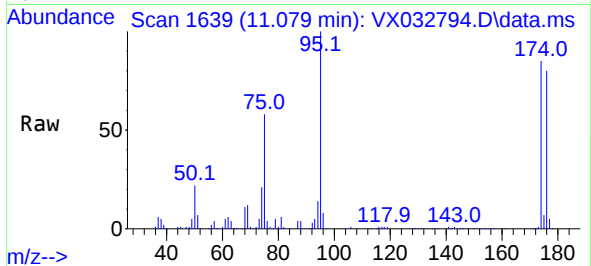




#76
1,2,3-Trichloropropane
Concen: 27.239 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Instrument :
MSVOA_X
ClientSampleId :
22BR-20221109

Tgt Ion: 75 Resp: 37719
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032794.D
Acq: 14 Nov 2022 15:04

Tgt Ion: 75 Resp: 37719
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

