

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032738.D
 Acq On : 10 Nov 2022 19:00
 Operator : JC/MD
 Sample : N5558-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20221109

Quant Time: Nov 11 00:38:25 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)

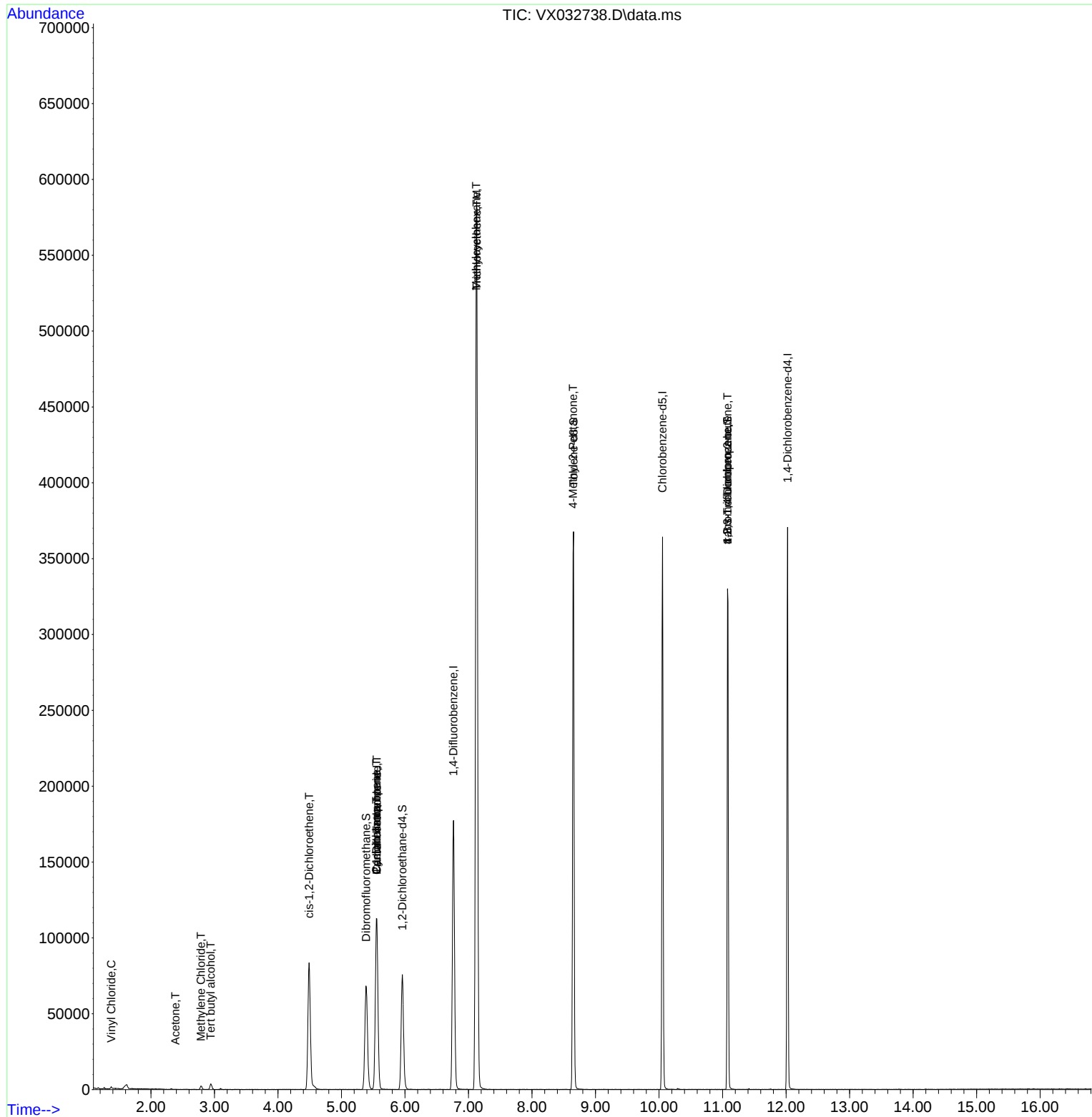
Internal Standards						
1) Pentafluorobenzene	5.556	168	107375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75456	50.575	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.160%			
35) Dibromofluoromethane	5.385	113	59115	46.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.060%			
50) Toluene-d8	8.653	98	219405	49.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.079	95	83165	48.195	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.380%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	844	0.732	ug/l #	73
11) Tert butyl alcohol	2.941	59	2318	10.675	ug/l #	72
16) Acetone	2.386	43	123	0.227	ug/l #	45
20) Methylene Chloride	2.788	84	1289	1.037	ug/l #	92
27) cis-1,2-Dichloroethene	4.489	96	52200	38.528	ug/l	89
31) Cyclohexane	5.550	56	2378	1.315	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8412	4.755	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11178	5.697	ug/l #	15
39) Methylcyclohexane	7.123	83	2608	1.246	ug/l #	1
44) Trichloroethene	7.129	130	225071	159.702	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	1050	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45890	27.935	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45890	88.890	ug/l #	6

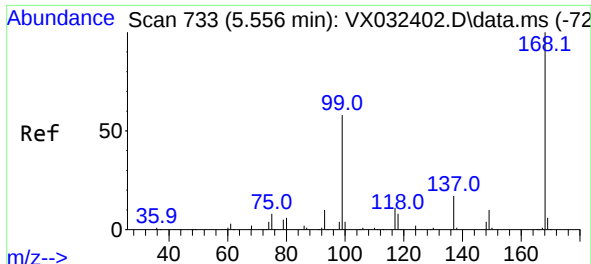
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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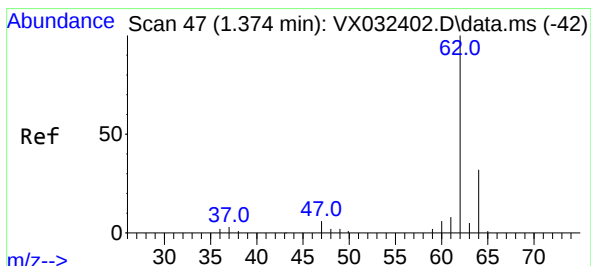
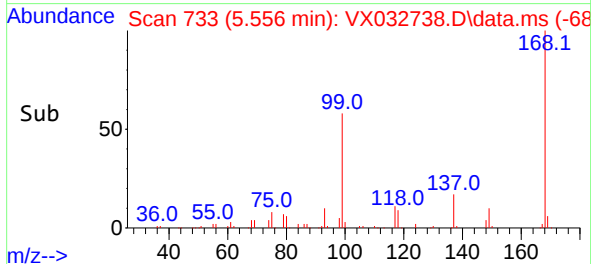
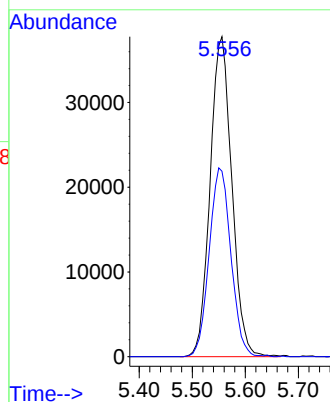
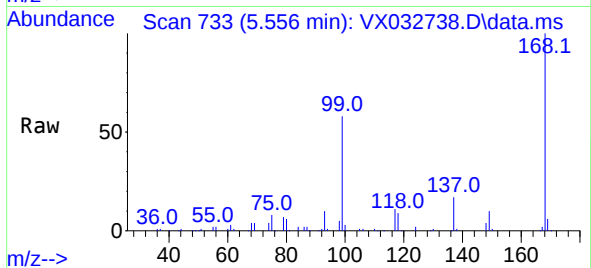




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

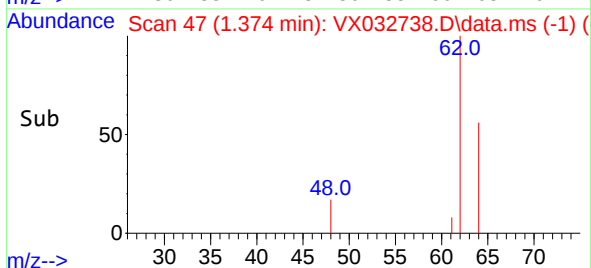
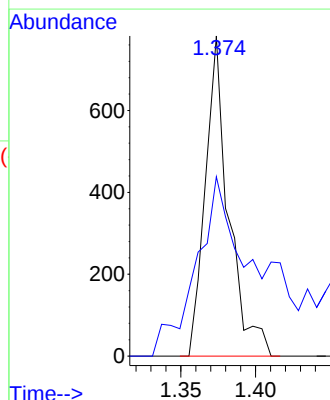
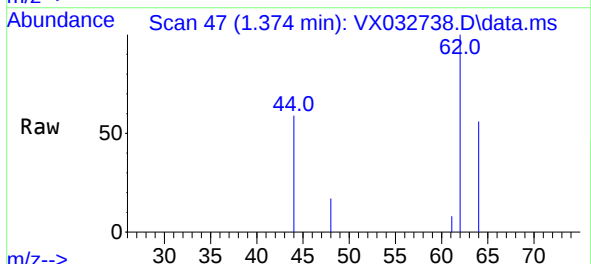
Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109

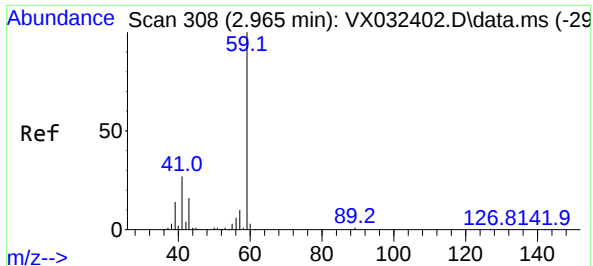
Tgt Ion:168 Resp: 107375
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#4
Vinyl Chloride
Concen: 0.732 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion: 62 Resp: 844
Ion Ratio Lower Upper
62 100
64 47.4 25.8 38.6#

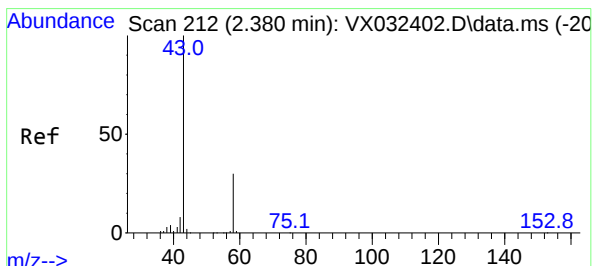
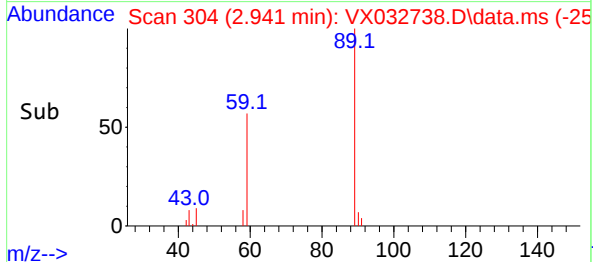
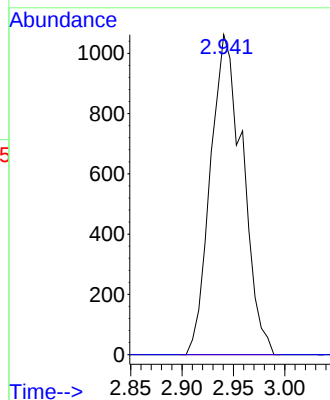
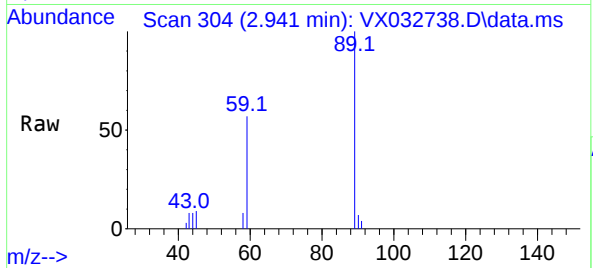




#11
Tert butyl alcohol
Concen: 10.675 ug/l
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

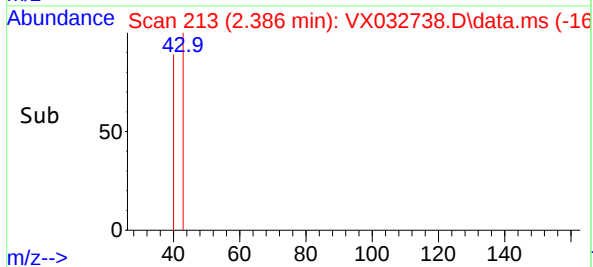
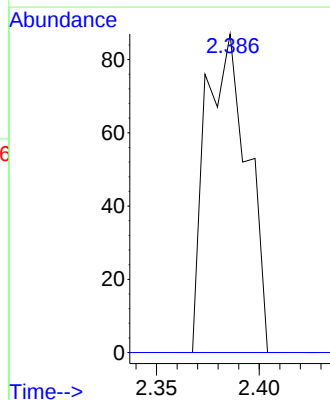
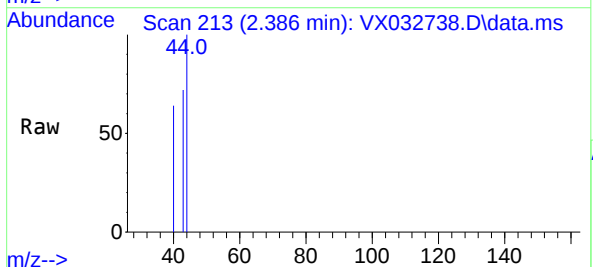
Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109

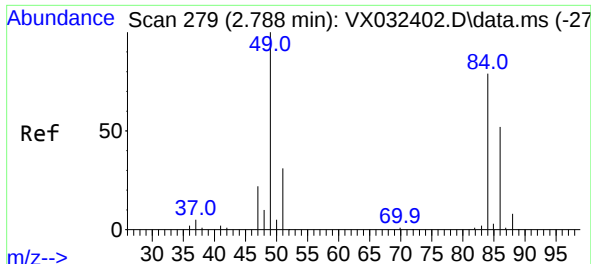
Tgt Ion: 59 Resp: 2318
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.227 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



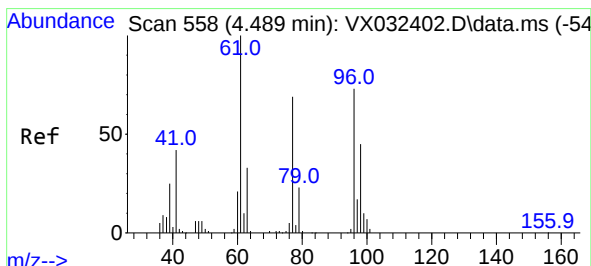
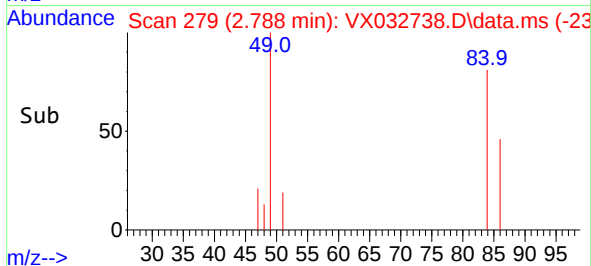
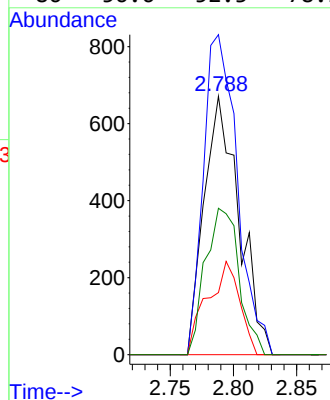
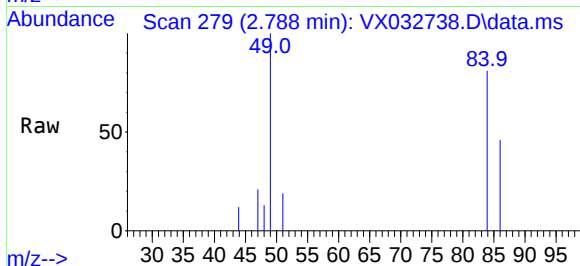


#20
Methylene Chloride
Concen: 1.037 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109

Tgt Ion: 84 Resp: 1289

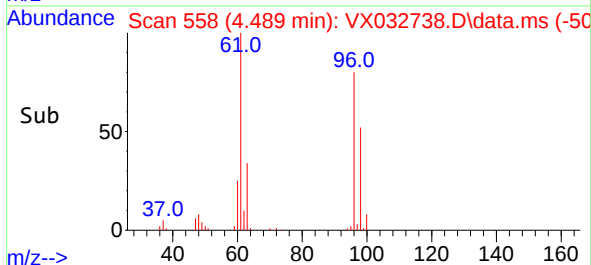
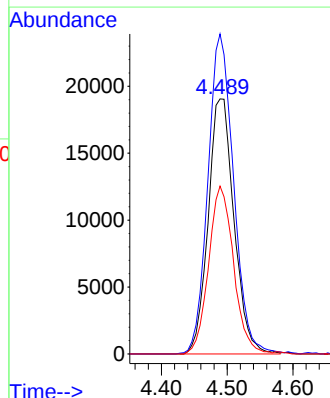
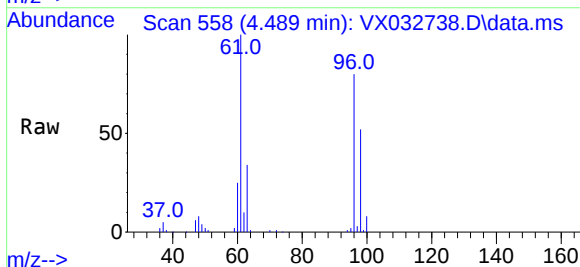
Ion	Ratio	Lower	Upper
84	100		
49	123.8	101.0	151.6
51	24.0	31.1	46.7#
86	56.6	52.3	78.5

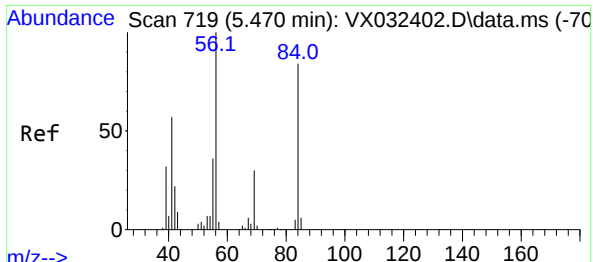


#27
cis-1,2-Dichloroethene
Concen: 38.528 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion: 96 Resp: 52200

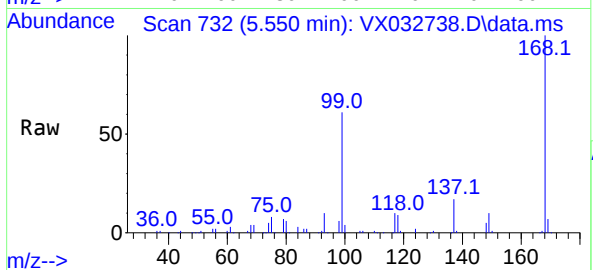
Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	286.0
98	63.4	0.0	129.6



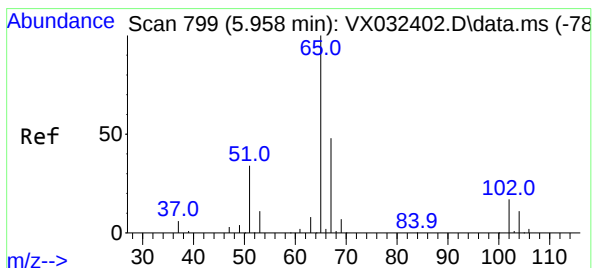
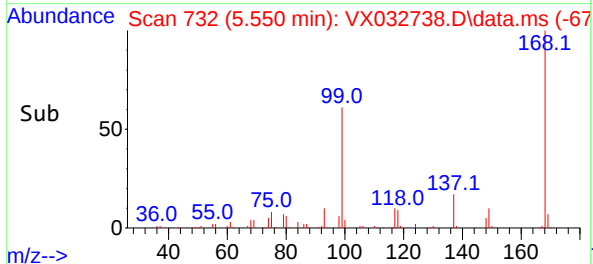
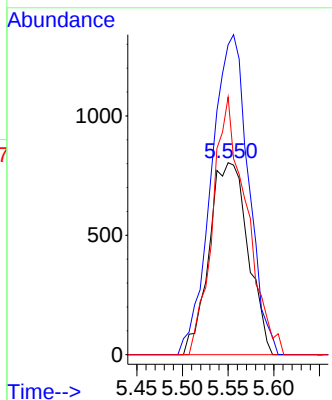


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109

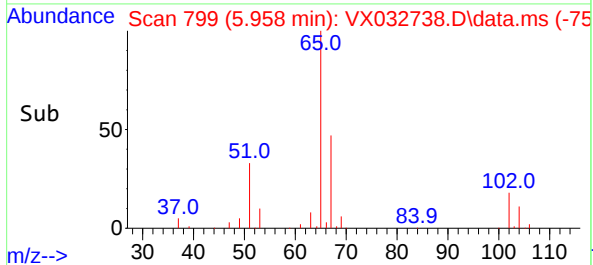
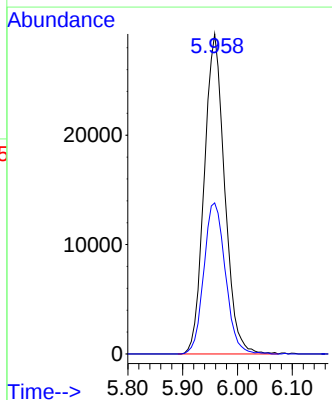
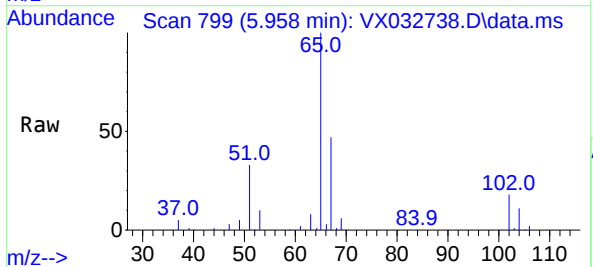


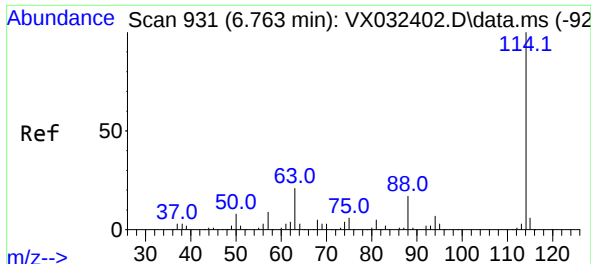
Tgt Ion: 56 Resp: 2378
Ion Ratio Lower Upper
56 100
69 161.4 24.1 36.1#
84 134.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.575 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion: 65 Resp: 75456
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

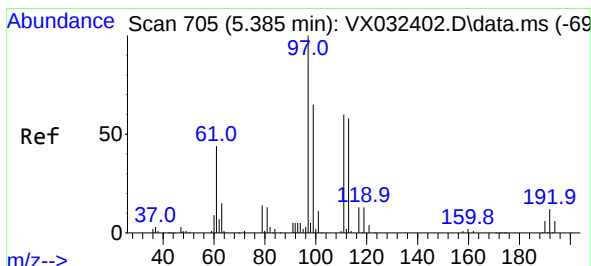
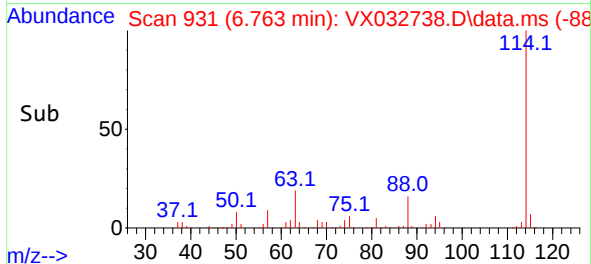
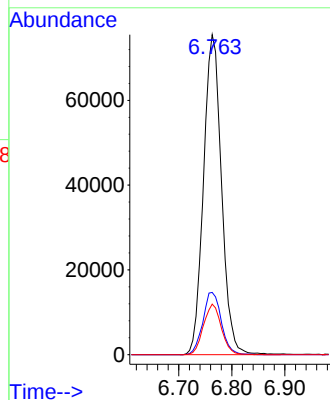
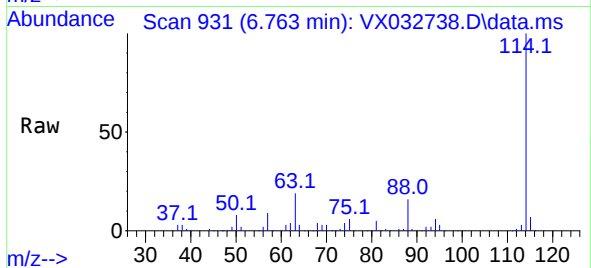




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

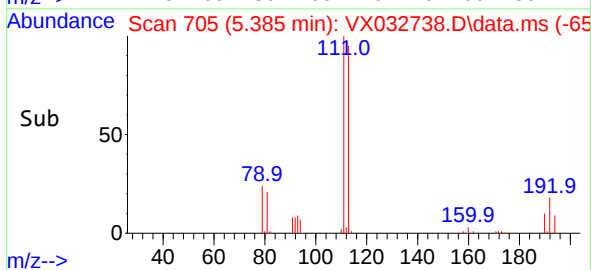
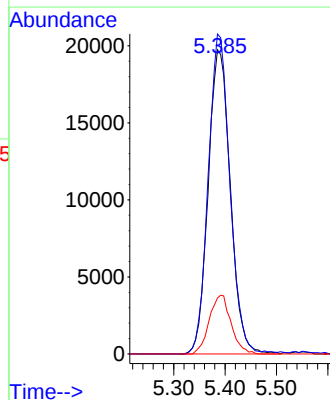
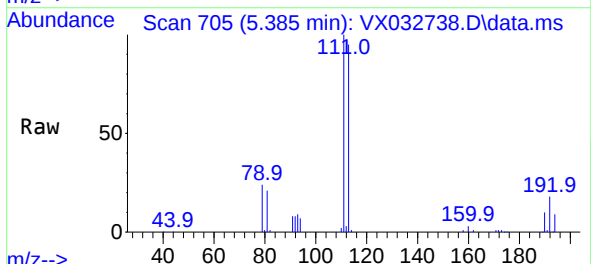
Instrument :
MSVOA_X
ClientSampleId :
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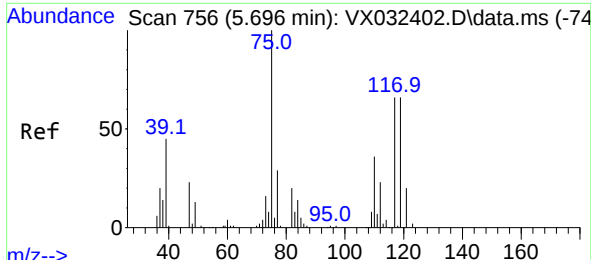
Tgt Ion:114 Resp: 178103
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.532 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion:113 Resp: 59115
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.9 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.755 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032738.D

Acq: 10 Nov 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

45BR-20221109

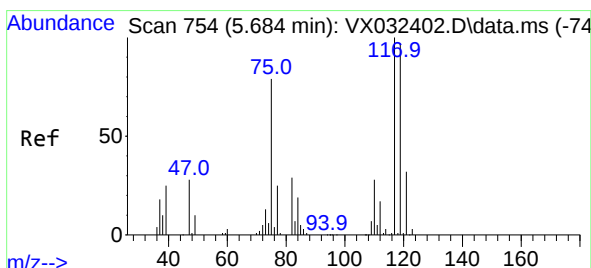
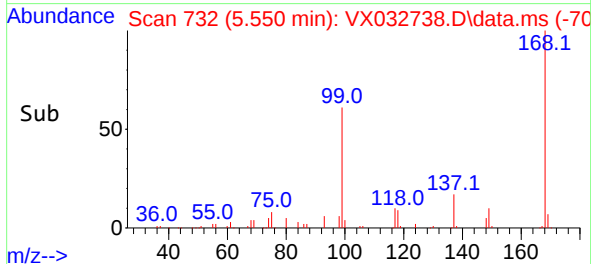
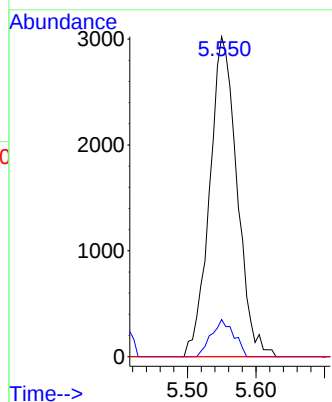
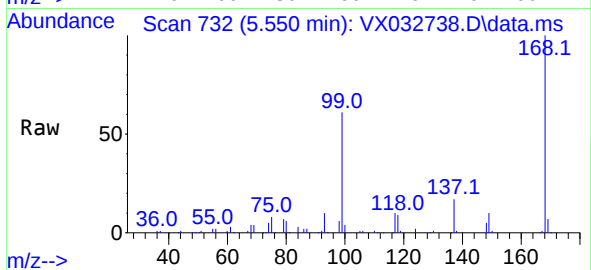
Tgt Ion: 75 Resp: 8412

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.697 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032738.D

Acq: 10 Nov 2022 19:00

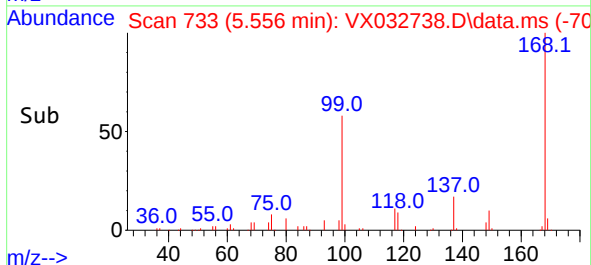
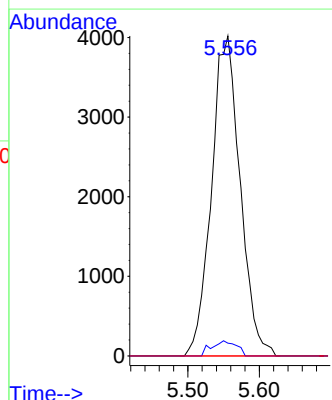
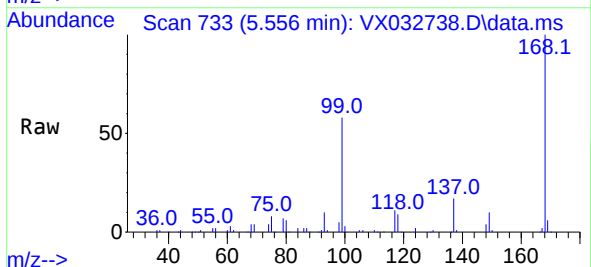
Tgt Ion: 117 Resp: 11178

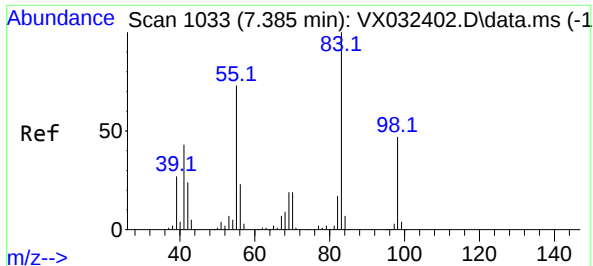
Ion Ratio Lower Upper

117 100

119 4.0 77.2 115.8#

121 0.0 25.8 38.6#

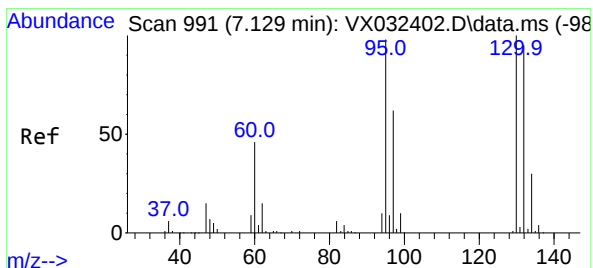
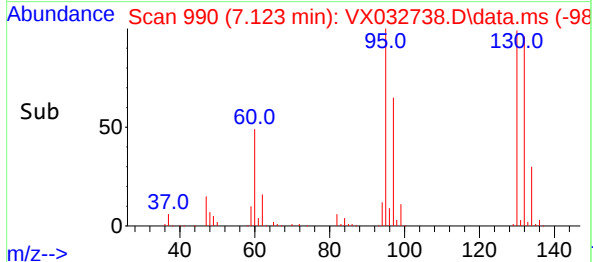
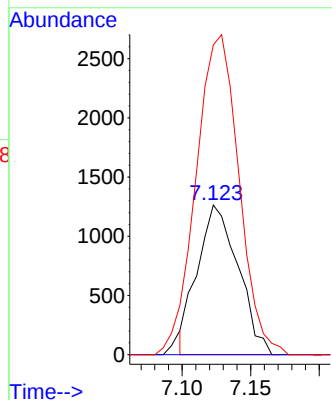
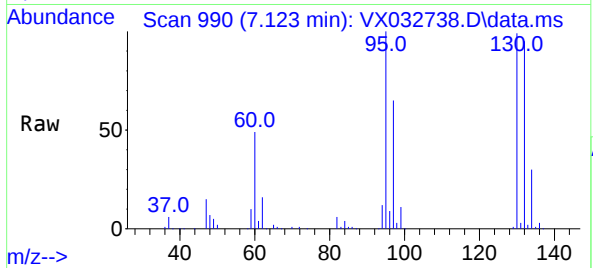




#39
Methylcyclohexane
Concen: 1.246 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.262 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

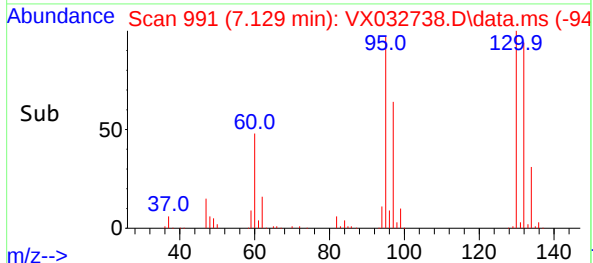
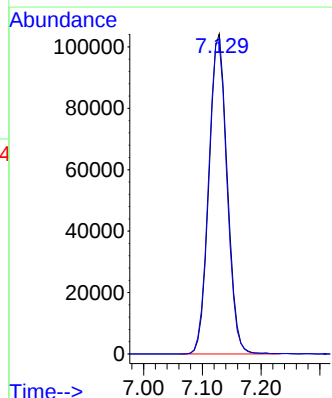
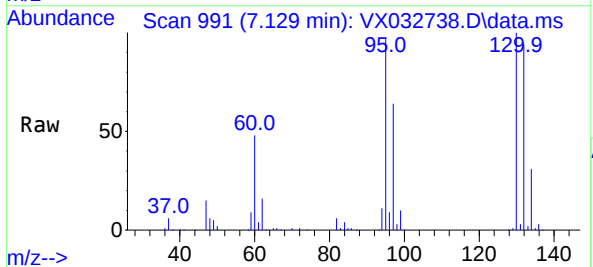
Instrument :
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45BR-20221109

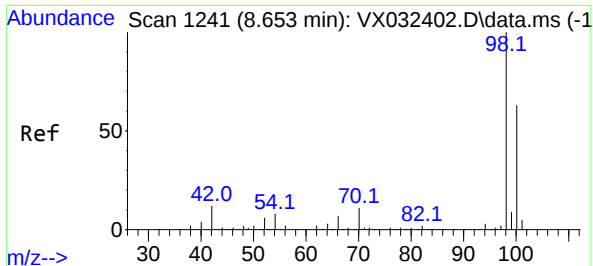
Tgt Ion: 83 Resp: 2608
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 201.7 37.2 55.8#



#44
Trichloroethene
Concen: 159.702 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion:130 Resp: 225071
Ion Ratio Lower Upper
130 100
95 97.2 0.0 195.2

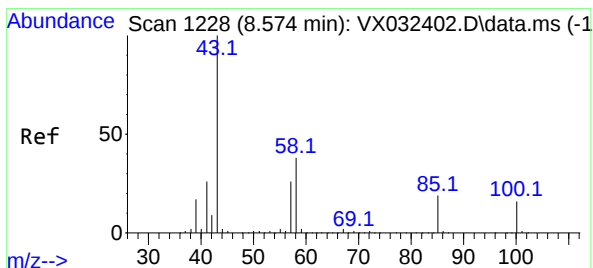
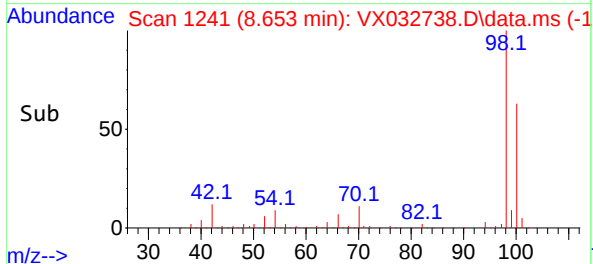
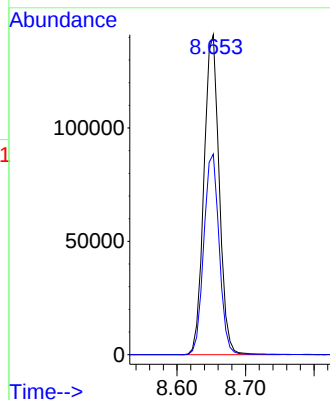
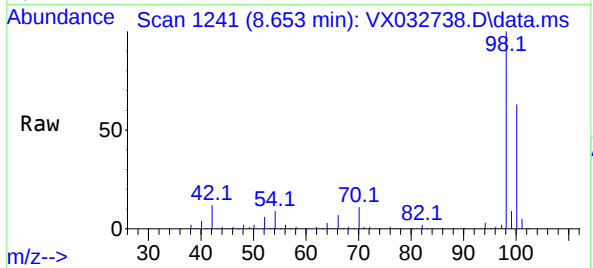




#50
Toluene-d8
Concen: 49.667 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

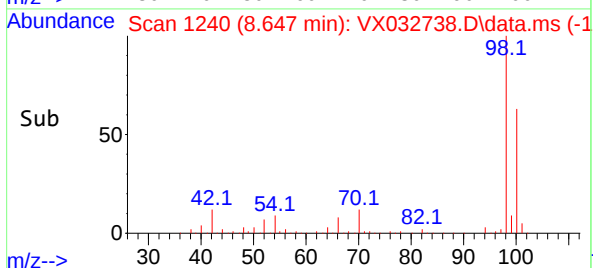
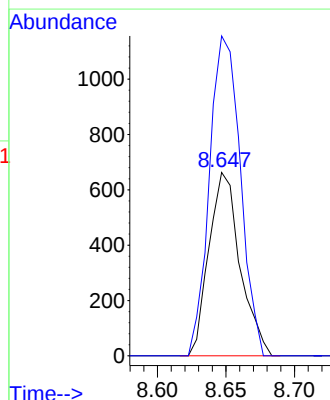
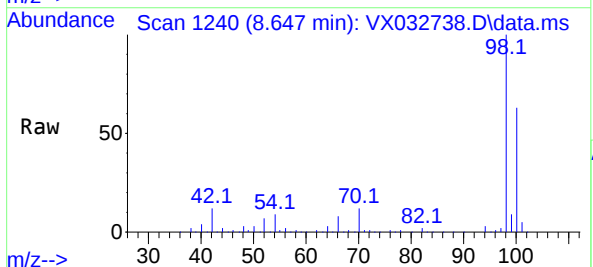
Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109

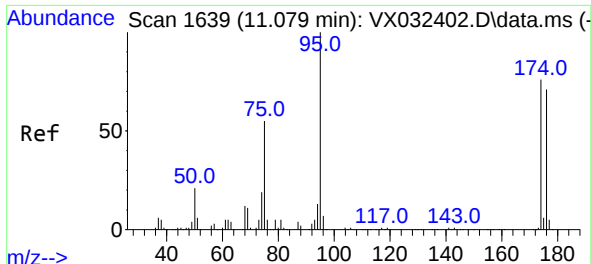
Tgt Ion: 98 Resp: 219405
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 172.7 30.9 46.3#

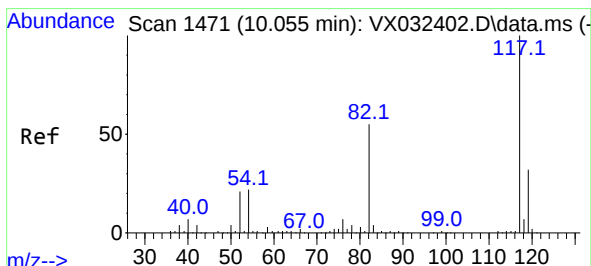
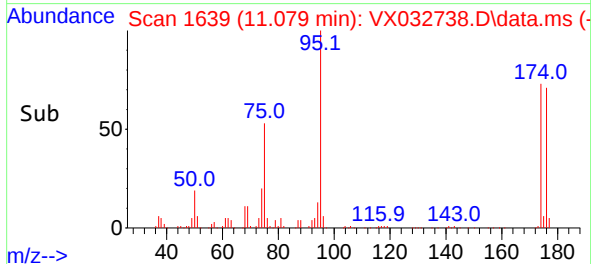
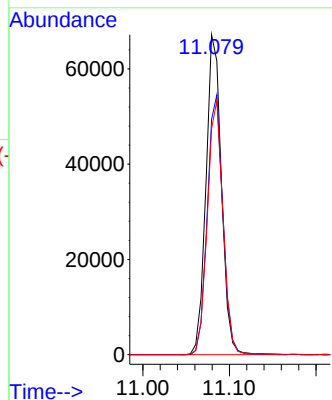
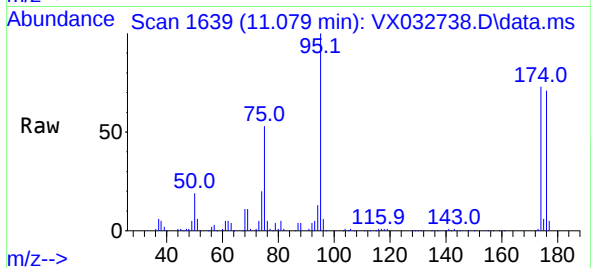




#62
4-Bromofluorobenzene
Concen: 48.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

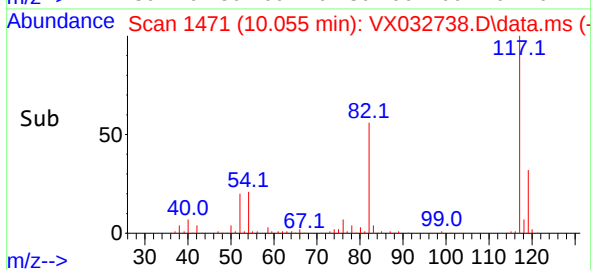
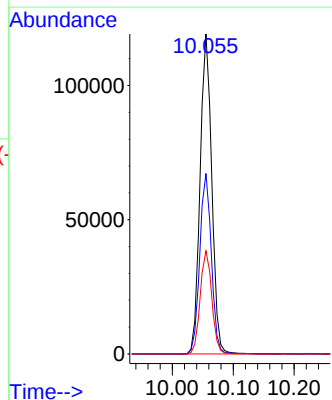
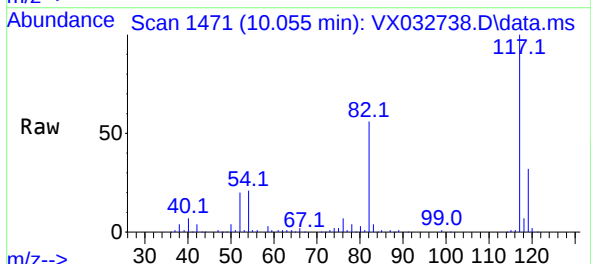
Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109

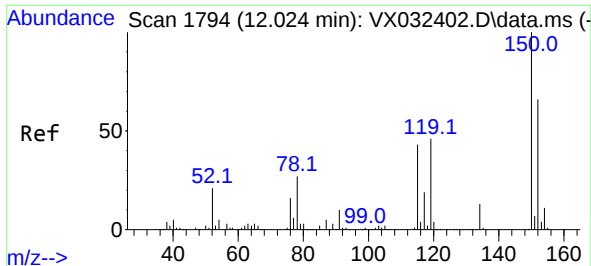
Tgt Ion: 95 Resp: 83165
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 80.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion: 117 Resp: 158315
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 32.2 25.7 38.5

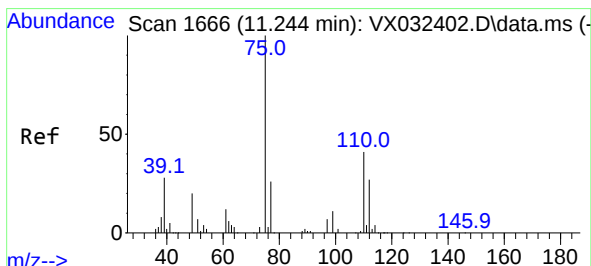
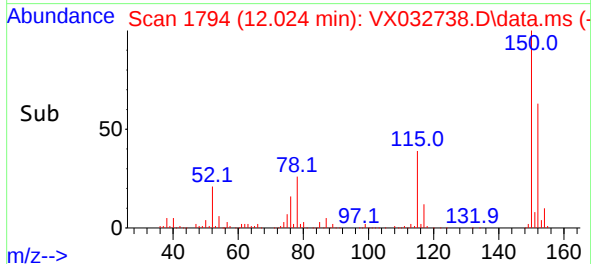
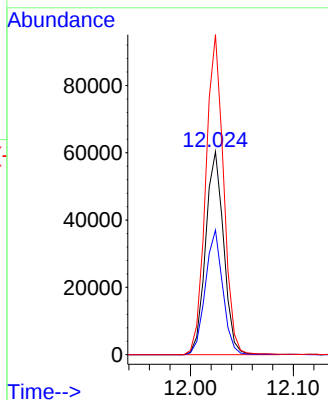
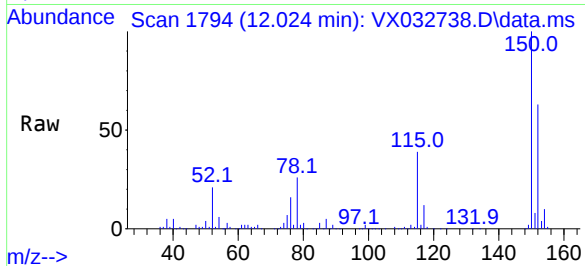




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

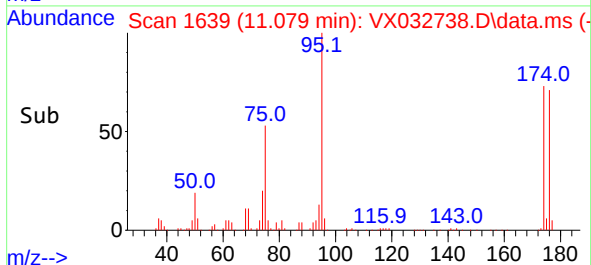
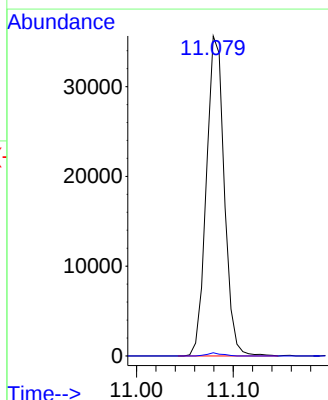
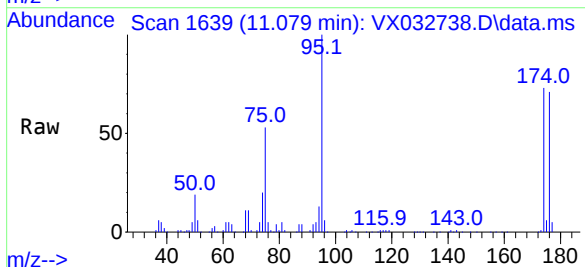
Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109

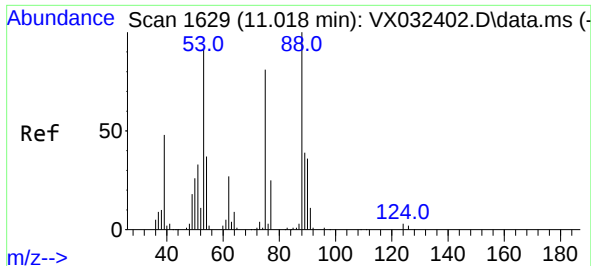
Tgt Ion:152 Resp: 73839
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 155.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.935 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Tgt Ion: 75 Resp: 45890
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.890 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032738.D
Acq: 10 Nov 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109

Tgt Ion: 75 Resp: 45890
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

