

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032790.D
 Acq On : 14 Nov 2022 13:31
 Operator : JC/MD
 Sample : N5558-07 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20221109

Quant Time: Nov 15 05:07:44 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)

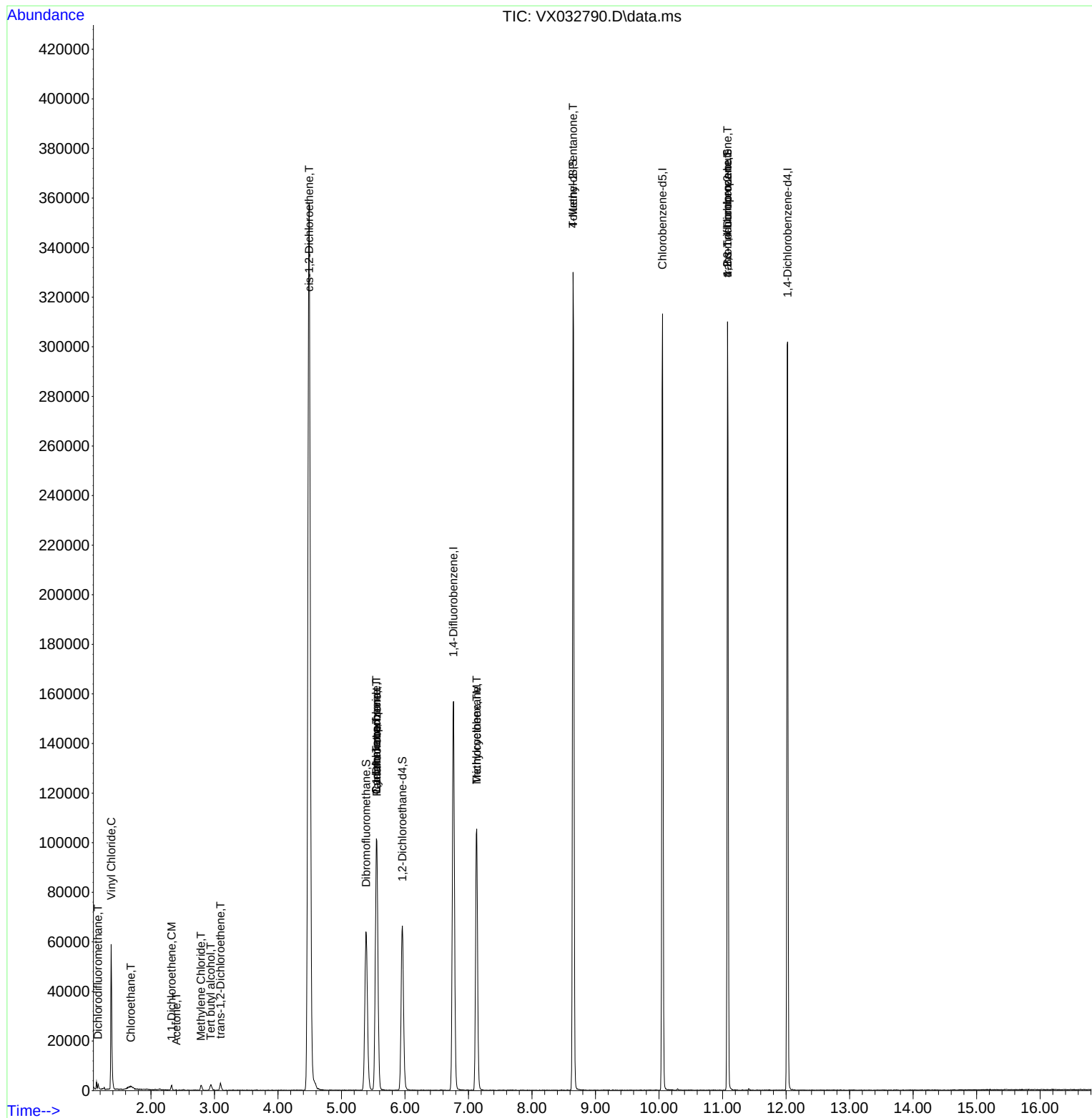
Internal Standards						
1) Pentafluorobenzene	5.556	168	97777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66161	48.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.400%
35) Dibromofluoromethane	5.385	113	53733	47.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	194167	49.183	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	73172	47.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1465	1.299	ug/l	91
4) Vinyl Chloride	1.374	62	38626	36.801	ug/l	98
6) Chloroethane	1.685	64	150	0.213	ug/l #	42
11) Tert butyl alcohol	2.941	59	1438	7.272	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	601	0.613	ug/l #	88
16) Acetone	2.398	43	149	0.302	ug/l #	45
20) Methylene Chloride	2.788	84	1005	0.888	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	1005	0.942	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	227300	184.236	ug/l	89
31) Cyclohexane	5.550	56	2123	1.289	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	7584	4.797	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9853	5.619	ug/l #	14
39) Methylcyclohexane	7.129	83	441	0.236	ug/l #	1
44) Trichloroethene	7.129	130	40759	32.362	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	889	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40071	27.455	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40071	87.362	ug/l #	6

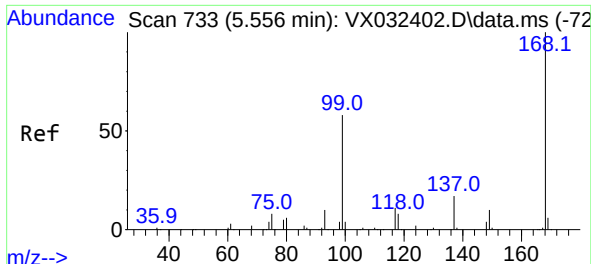
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
Data File : VX032790.D
Acq On : 14 Nov 2022 13:31
Operator : JC/MD
Sample : N5558-07 25X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

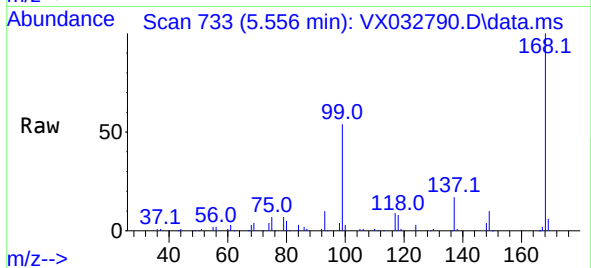
Quant Time: Nov 15 05:07:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



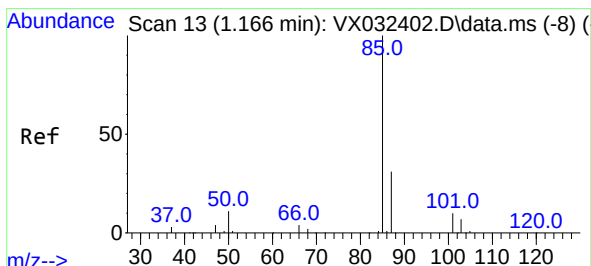
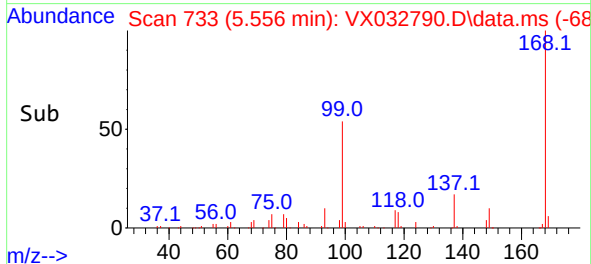
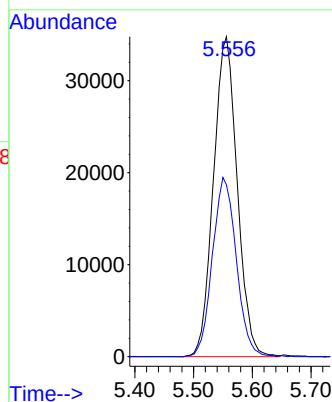


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

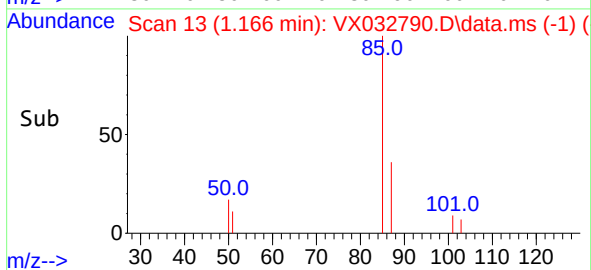
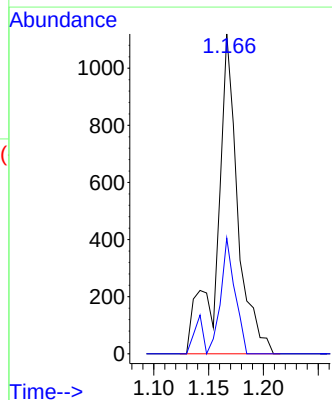
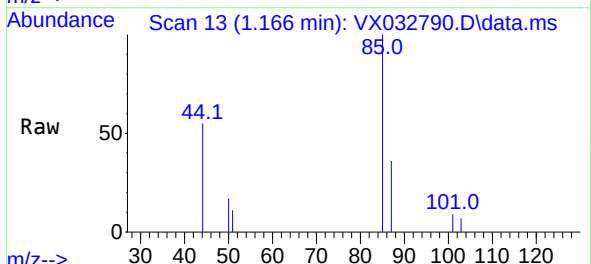


Tgt Ion:168 Resp: 97777
Ion Ratio Lower Upper
168 100
99 53.7 46.1 69.1

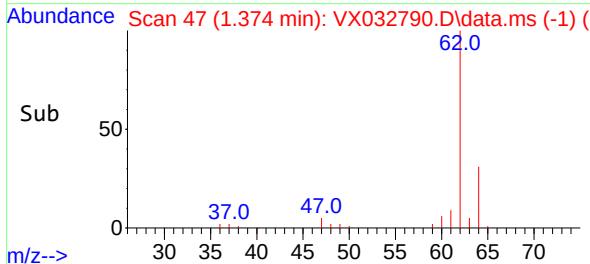
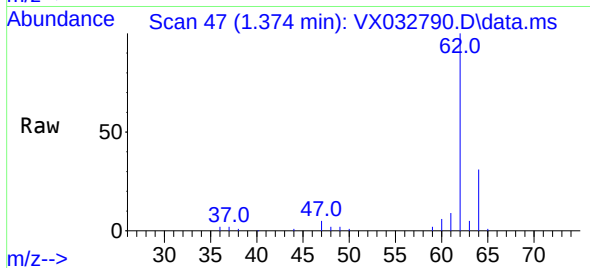
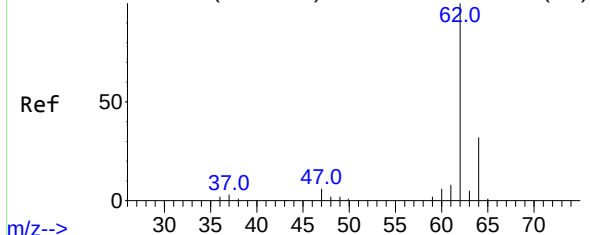


#2
Dichlorodifluoromethane
Concen: 1.299 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 85 Resp: 1465
Ion Ratio Lower Upper
85 100
87 36.2 15.6 46.7



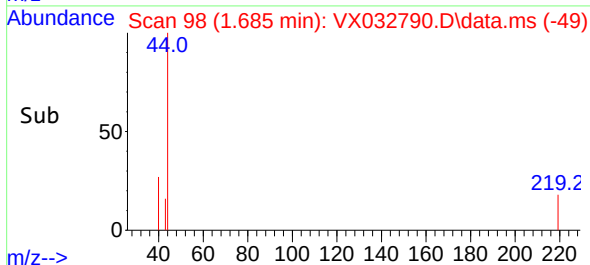
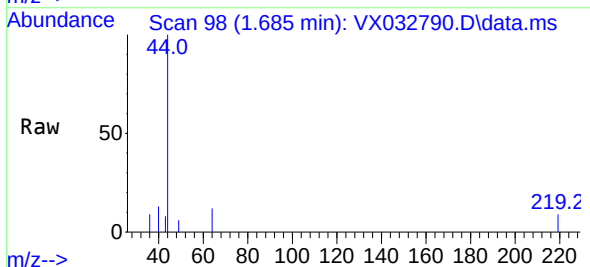
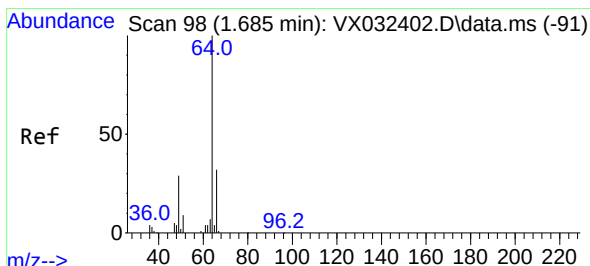
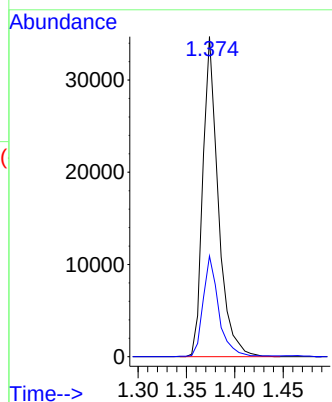
Abundance Scan 47 (1.374 min): VX032402.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 36.801 ug/l
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

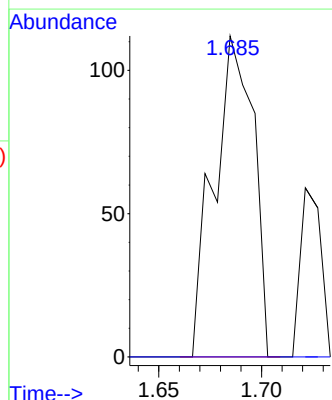
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

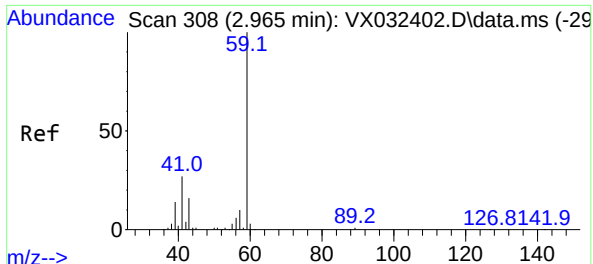
Tgt Ion: 62 Resp: 38626
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6



#6
Chloroethane
Concen: 0.213 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 64 Resp: 150
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 7.272 ug/l

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX032790.D

Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_X

ClientSampleId :

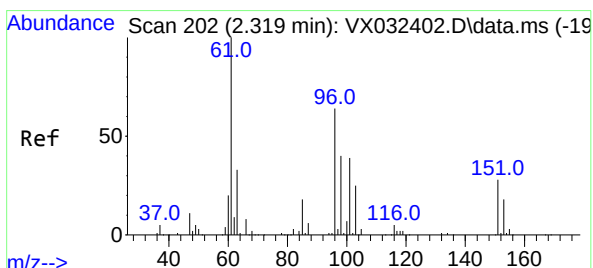
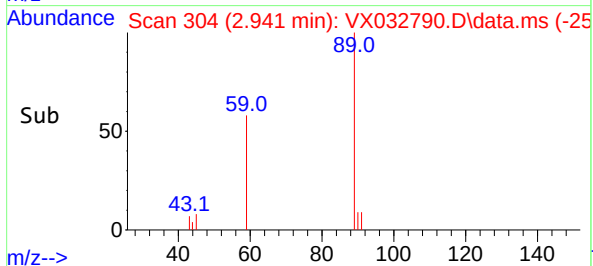
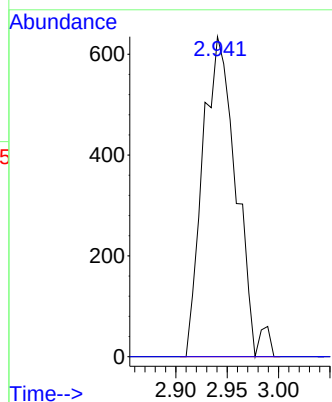
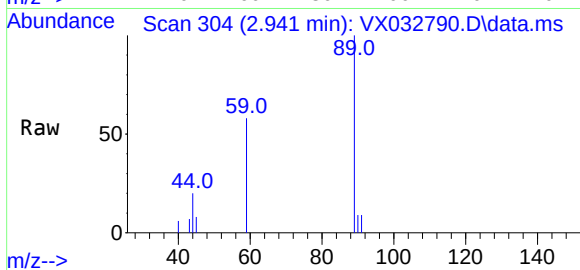
20BR-20221109

Tgt Ion: 59 Resp: 1438

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.613 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX032790.D

Acq: 14 Nov 2022 13:31

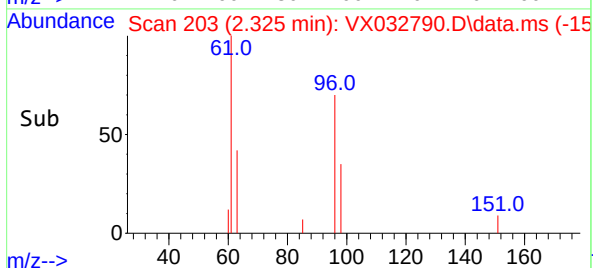
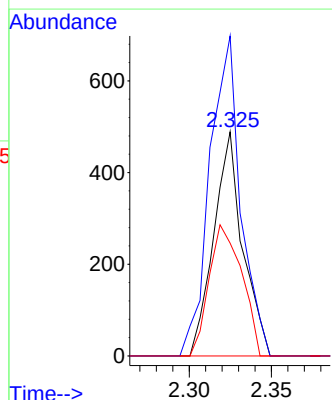
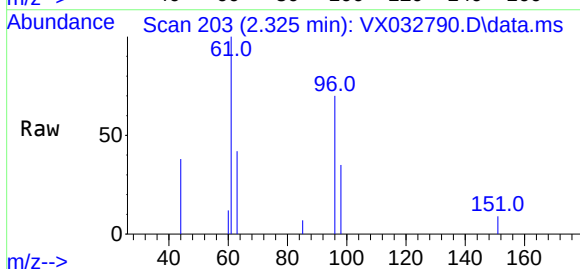
Tgt Ion: 96 Resp: 601

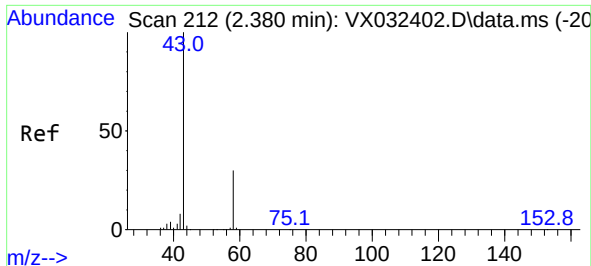
Ion Ratio Lower Upper

96 100

61 142.7 125.1 187.7

98 50.3 50.6 76.0#

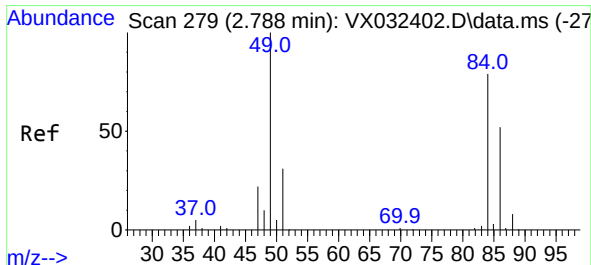
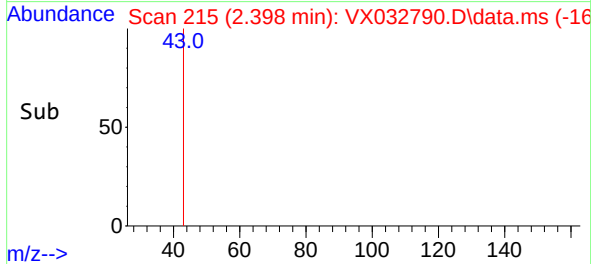
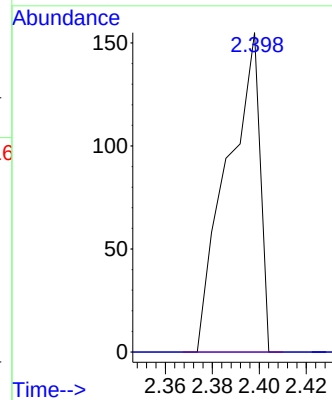
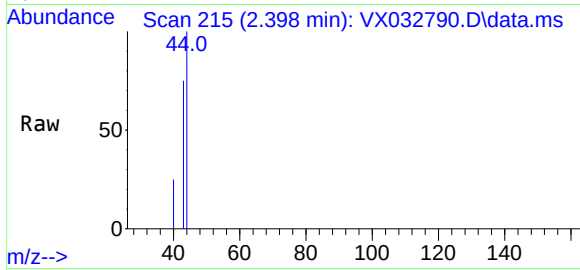




#16
Acetone
Concen: 0.302 ug/l
RT: 2.398 min Scan# 212
Delta R.T. 0.018 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

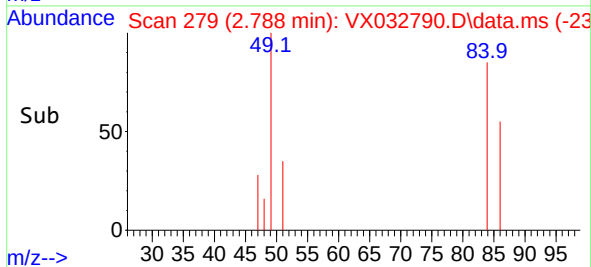
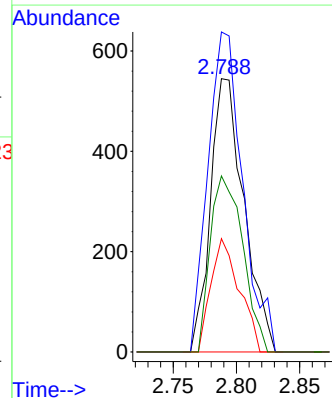
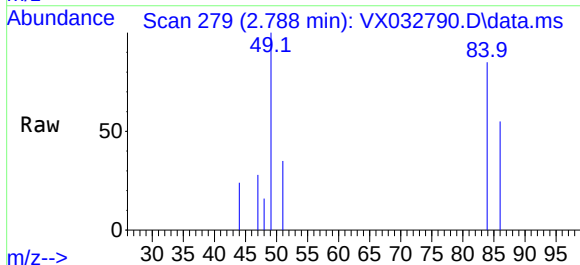
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

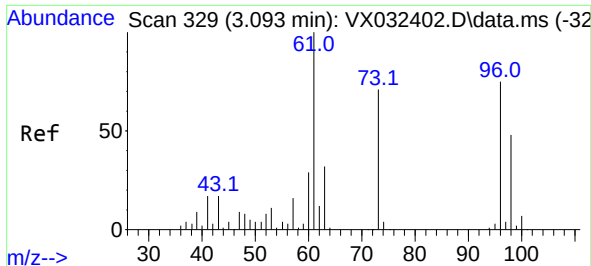
Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.888 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 84 Resp: 1005
Ion Ratio Lower Upper
84 100
49 117.1 101.0 151.6
51 41.5 31.1 46.7
86 64.4 52.3 78.5

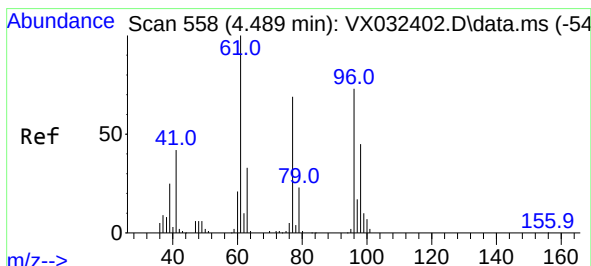
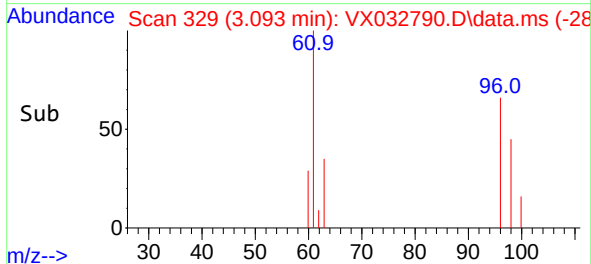
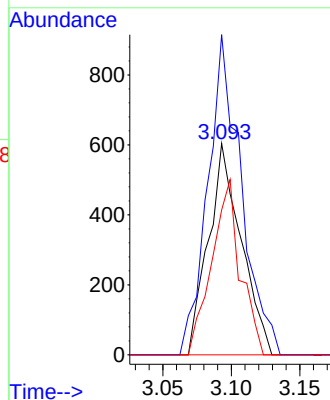
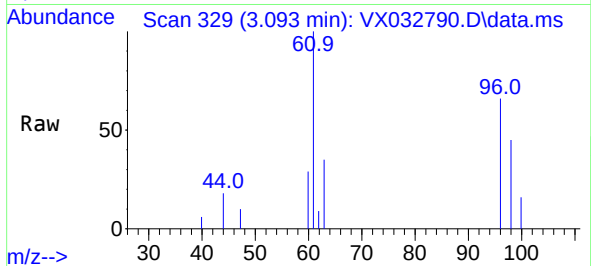




#21
trans-1,2-Dichloroethene
Concen: 0.942 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

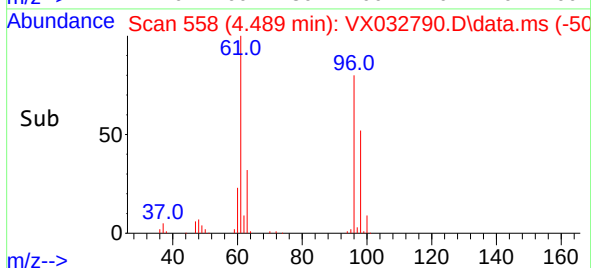
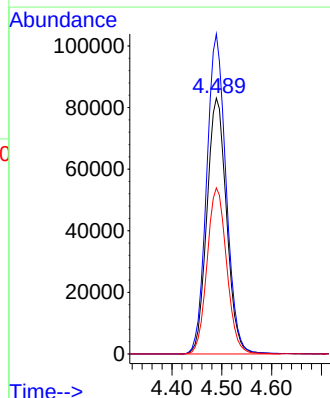
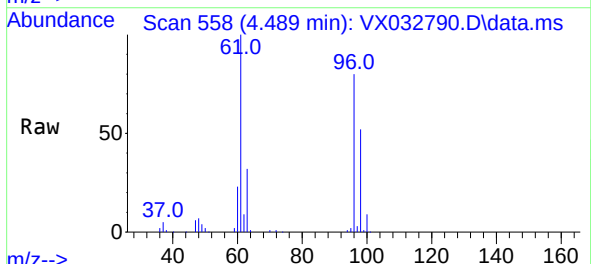
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

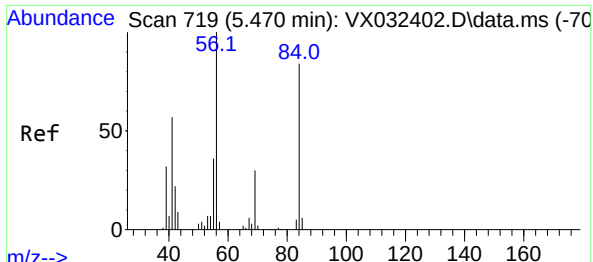
Tgt Ion: 96 Resp: 1005
Ion Ratio Lower Upper
96 100
61 151.5 106.6 160.0
98 68.5 51.0 76.6



#27
cis-1,2-Dichloroethene
Concen: 184.236 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

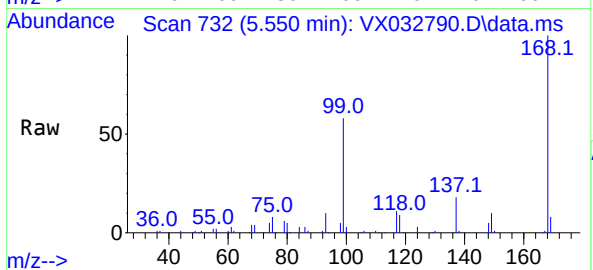
Tgt Ion: 96 Resp: 227300
Ion Ratio Lower Upper
96 100
61 123.2 0.0 286.0
98 64.7 0.0 129.6



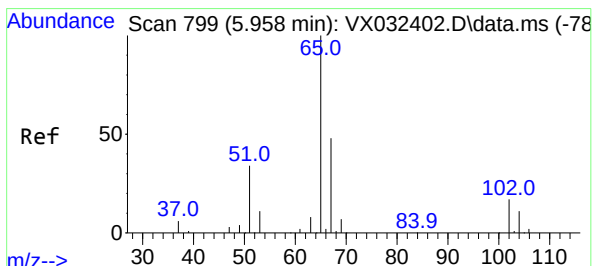
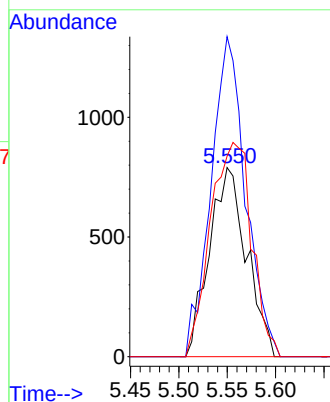
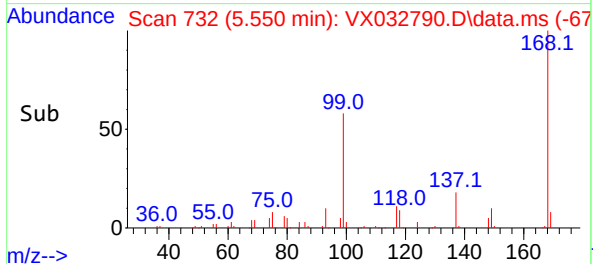


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

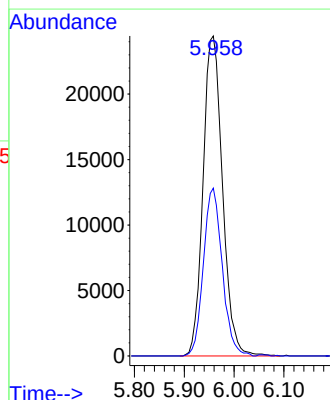
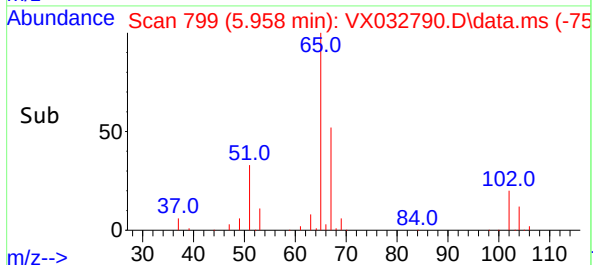
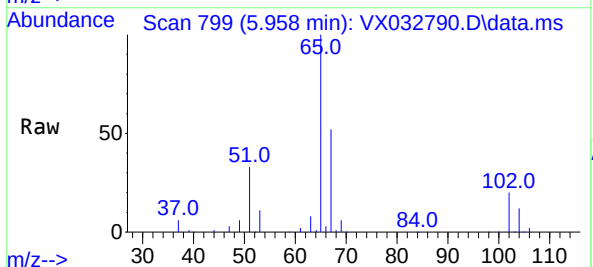


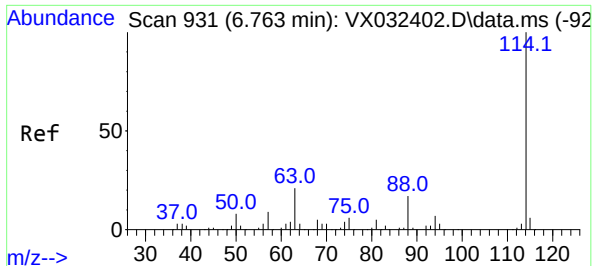
Tgt Ion: 56 Resp: 2123
Ion Ratio Lower Upper
56 100
69 169.2 24.1 36.1#
84 106.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.698 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 65 Resp: 66161
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

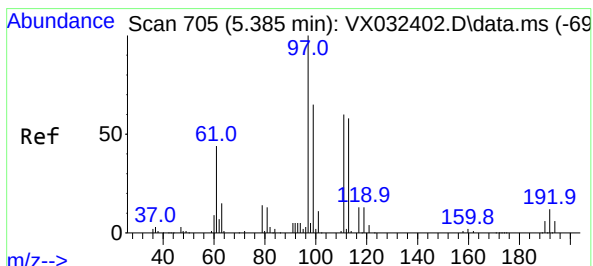
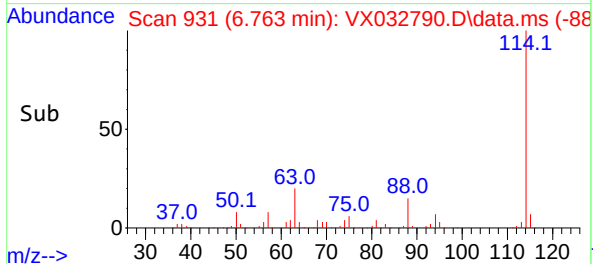
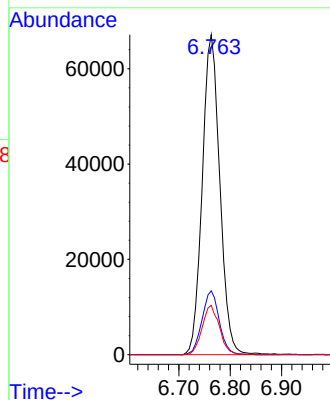
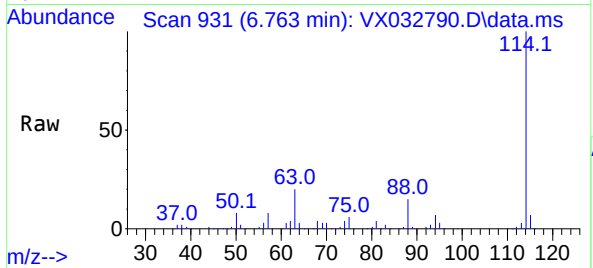




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

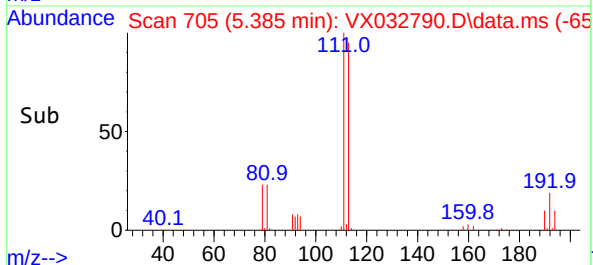
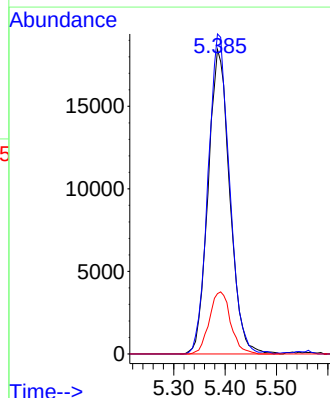
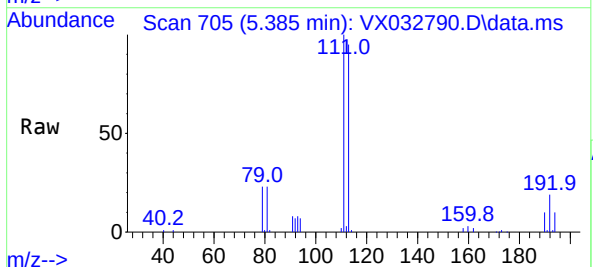
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

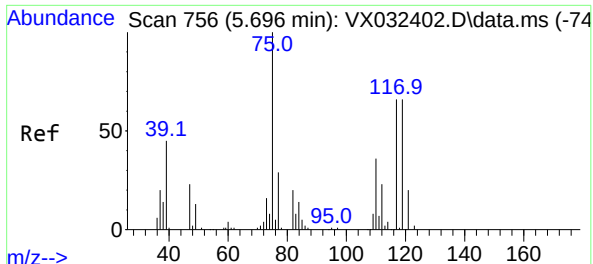
Tgt Ion:114 Resp: 159165
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.328 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion:113 Resp: 53733
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 20.1 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032790.D

Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_X

ClientSampleId :

20BR-20221109

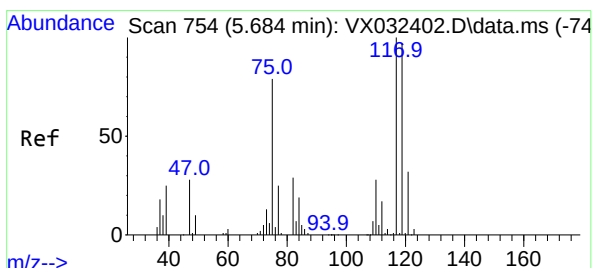
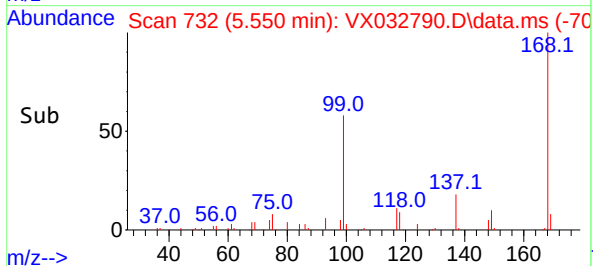
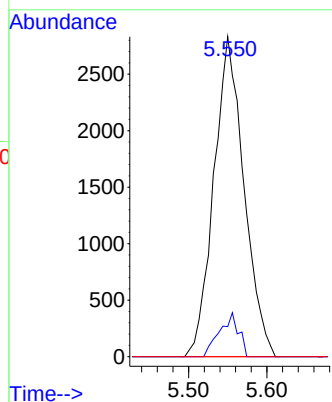
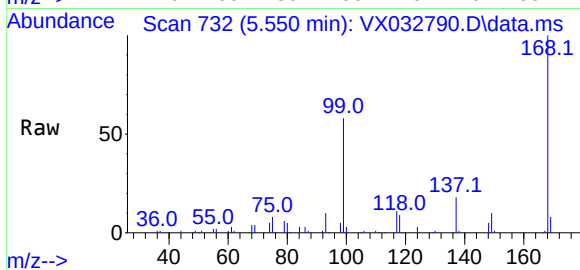
Tgt Ion: 75 Resp: 7584

Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.619 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX032790.D

Acq: 14 Nov 2022 13:31

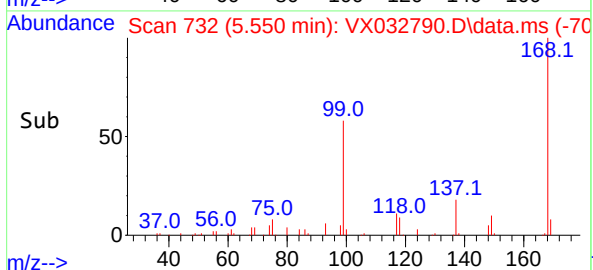
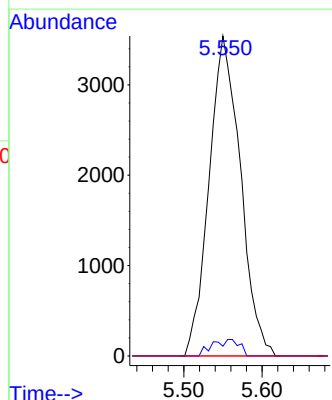
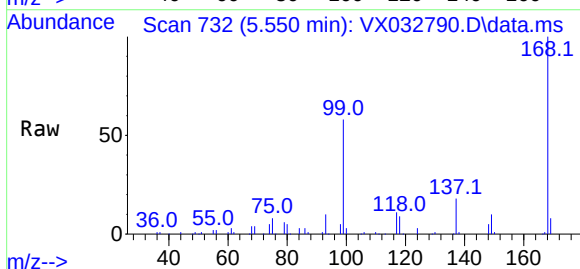
Tgt Ion: 117 Resp: 9853

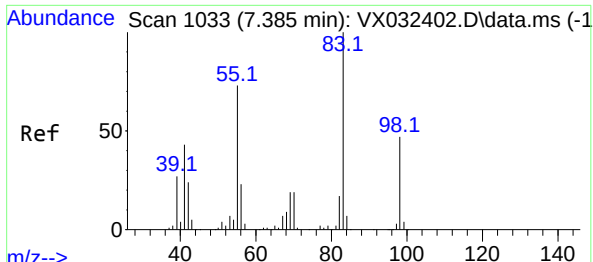
Ion Ratio Lower Upper

117 100

119 3.0 77.2 115.8#

121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 0.236 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX032790.D

Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_X

ClientSampleId :

20BR-20221109

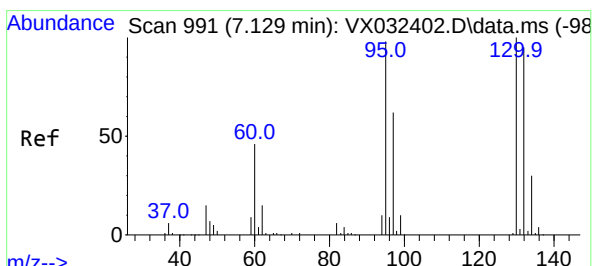
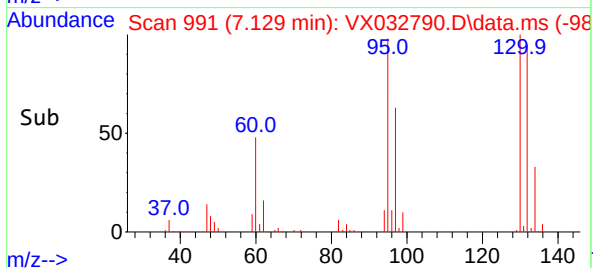
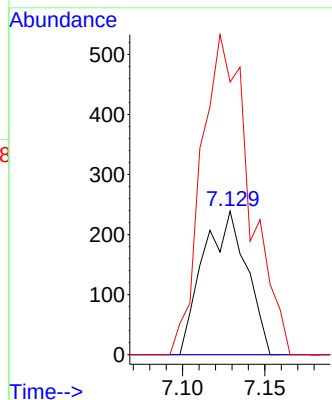
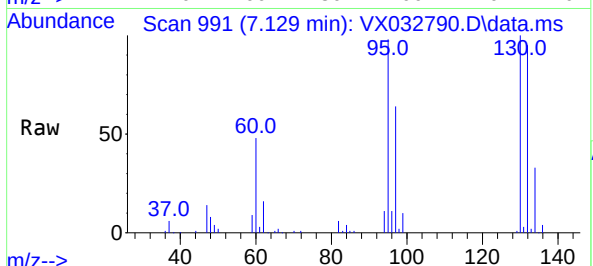
Tgt Ion: 83 Resp: 441

Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 168.2 37.2 55.8#



#44

Trichloroethene

Concen: 32.362 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032790.D

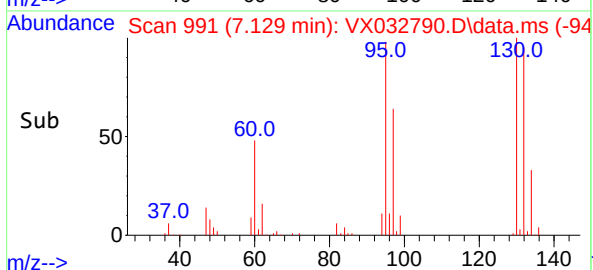
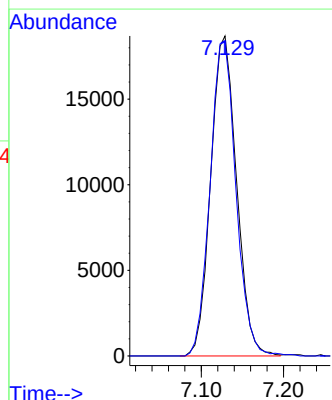
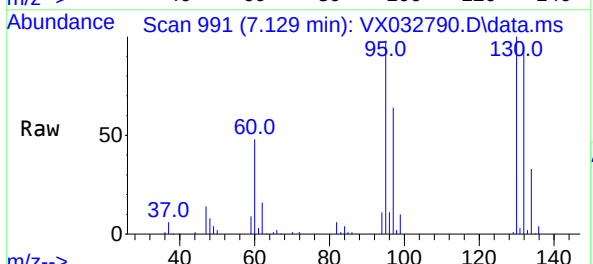
Acq: 14 Nov 2022 13:31

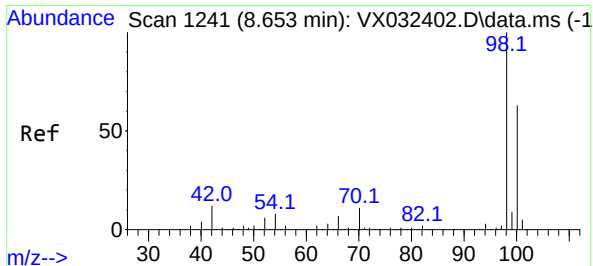
Tgt Ion:130 Resp: 40759

Ion Ratio Lower Upper

130 100

95 98.1 0.0 195.2

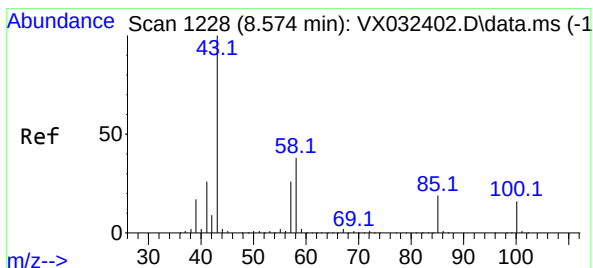
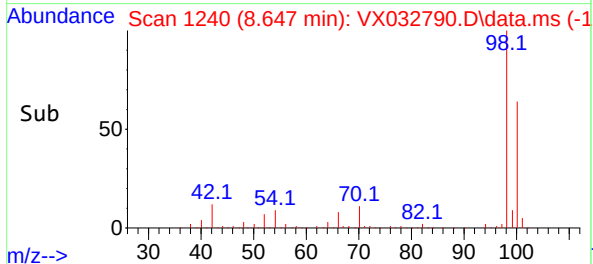
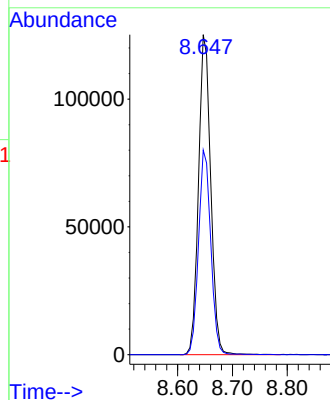
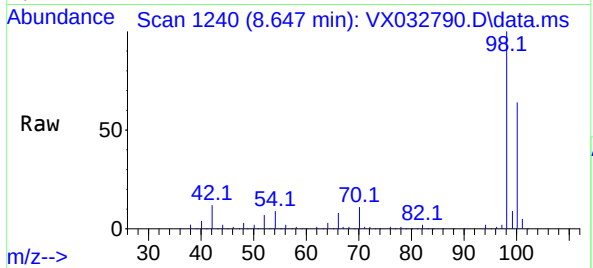




#50
Toluene-d8
Concen: 49.183 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

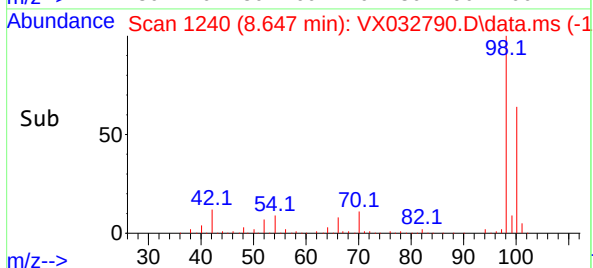
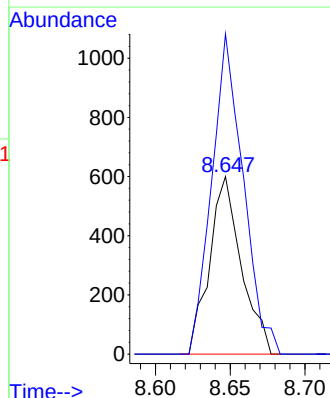
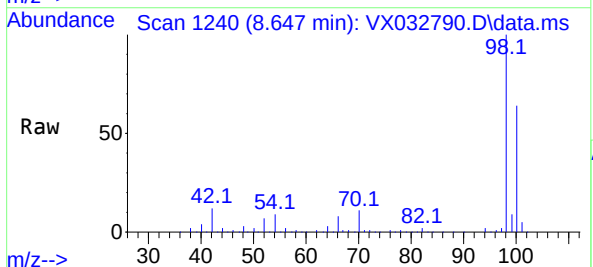
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

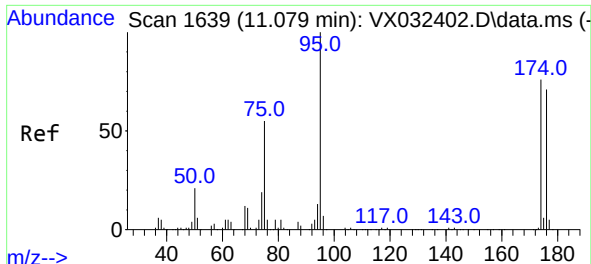
Tgt Ion: 98 Resp: 194167
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 178.5 30.9 46.3#

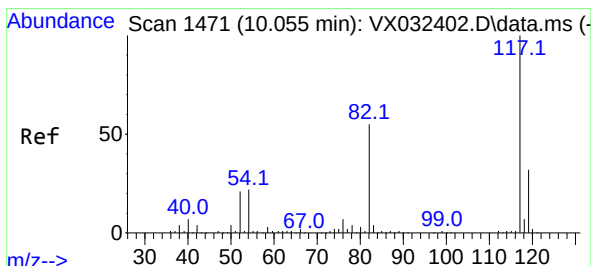
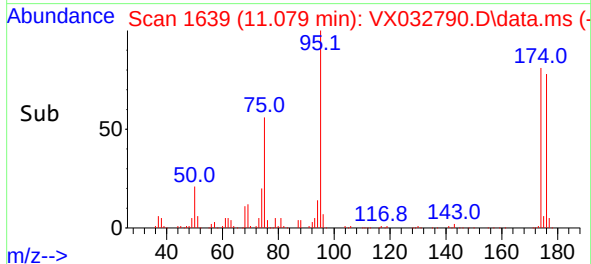
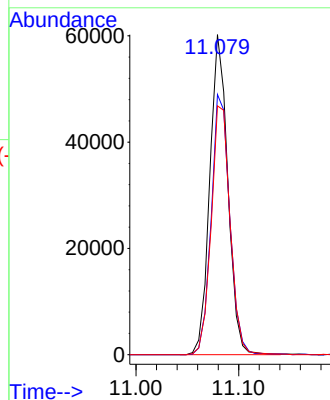
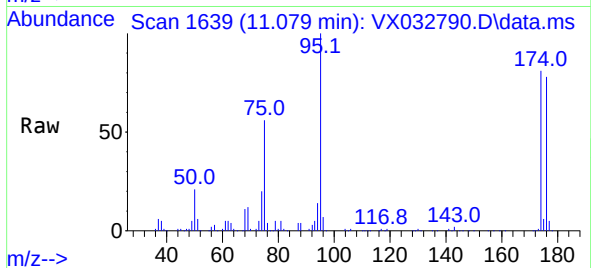




#62
4-Bromofluorobenzene
Concen: 47.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

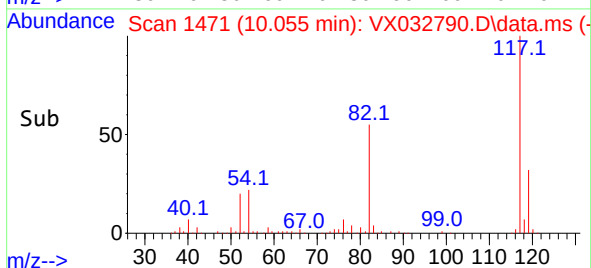
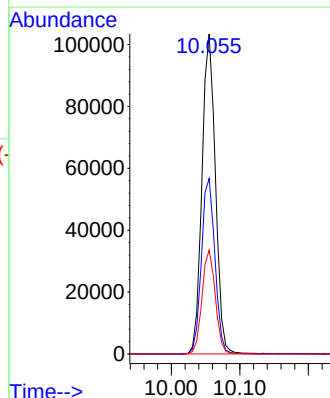
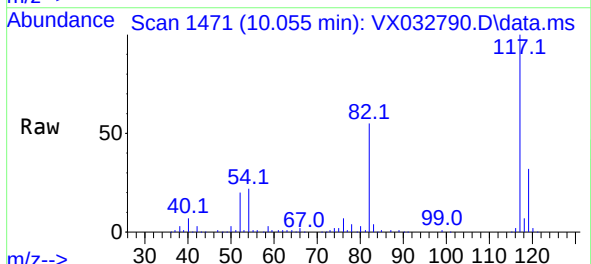
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

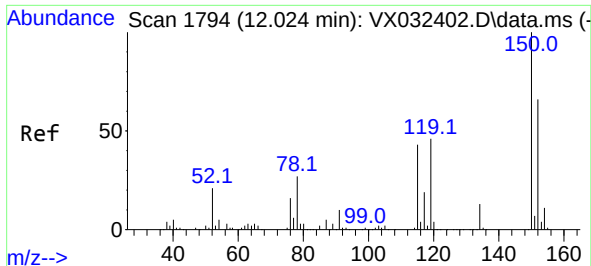
Tgt Ion: 95 Resp: 73172
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.0
176 81.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 117 Resp: 141359
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.5 25.7 38.5

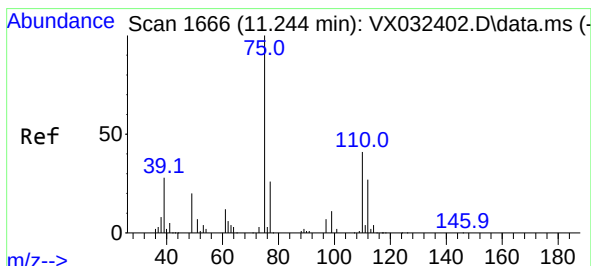
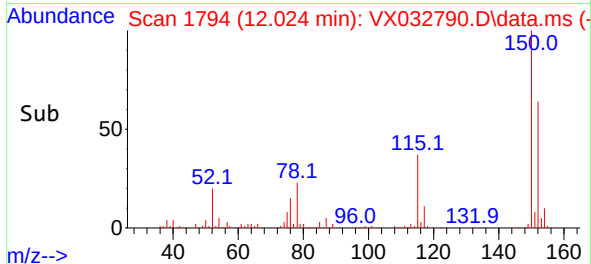
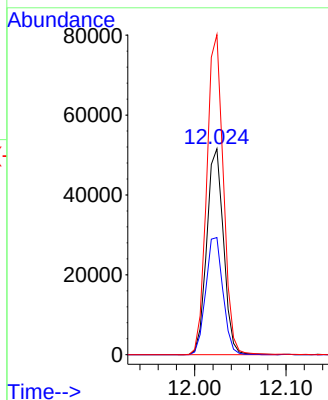
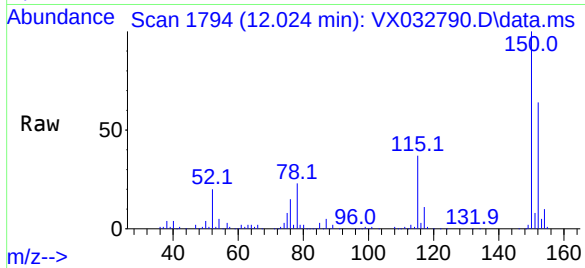




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

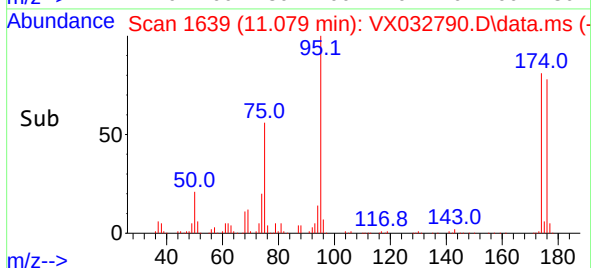
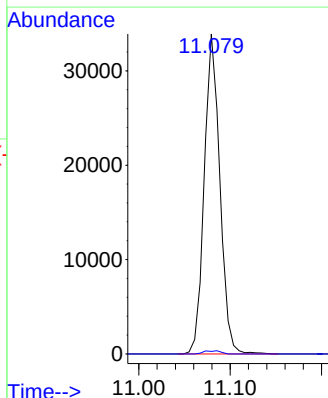
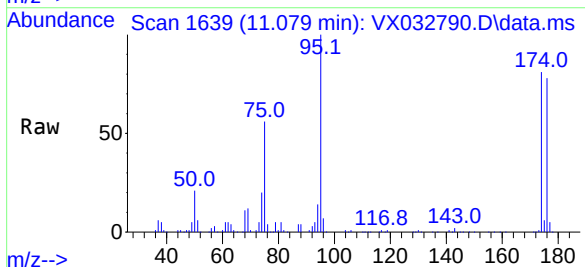
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109

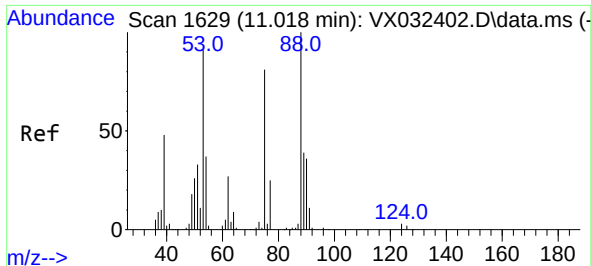
Tgt Ion:152 Resp: 65604
Ion Ratio Lower Upper
152 100
115 58.4 44.0 132.0
150 154.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032790.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 75 Resp: 40071
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.362 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032790.D
 Acq: 14 Nov 2022 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20221109

Tgt Ion: 75 Resp: 40071
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

