

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032736.D
 Acq On : 10 Nov 2022 18:14
 Operator : JC/MD
 Sample : N5558-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20221109

Quant Time: Nov 11 00:38:06 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)

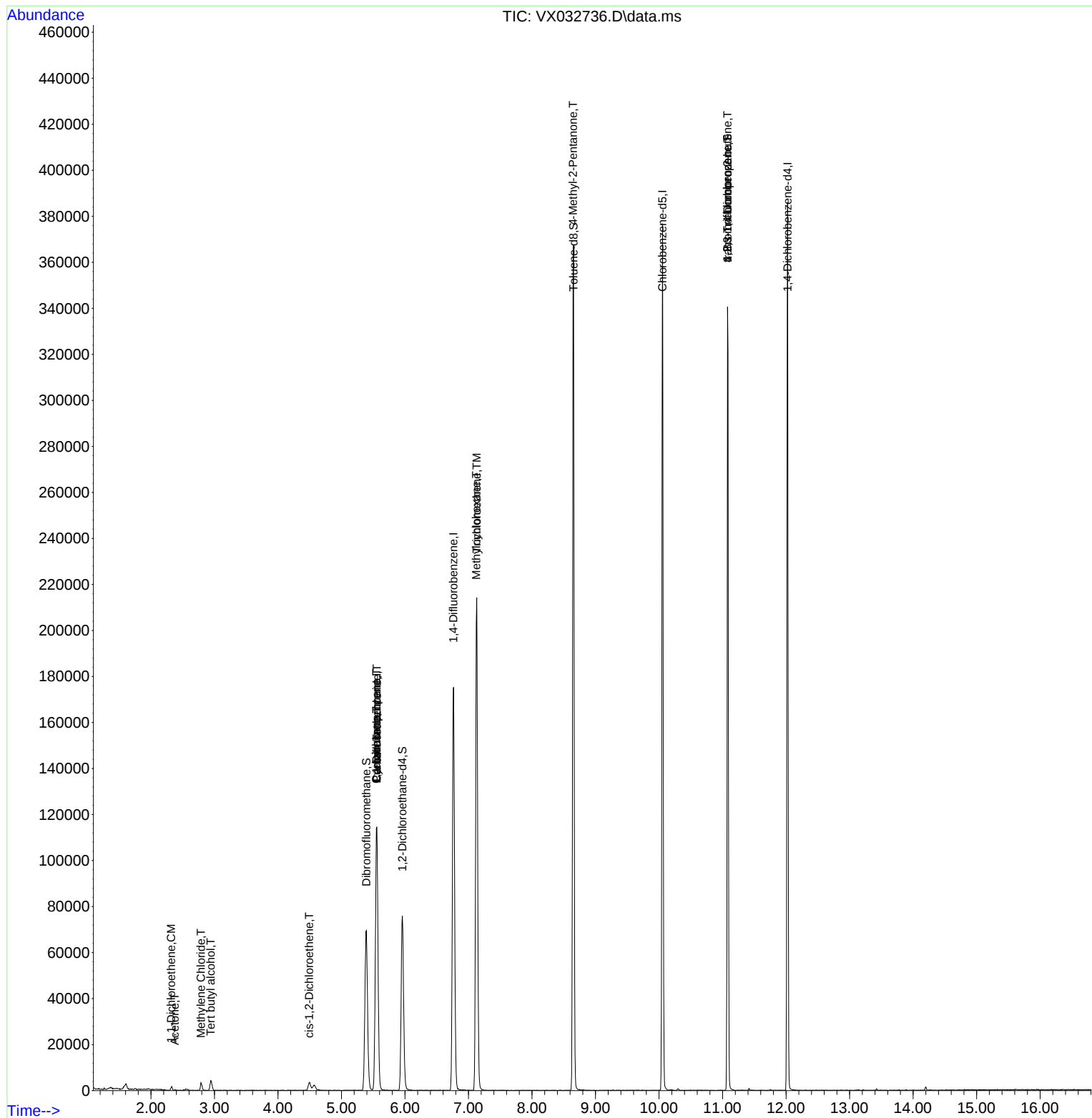
Internal Standards						
1) Pentafluorobenzene	5.556	168	109001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77536	51.194	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.380%
35) Dibromofluoromethane	5.391	113	59327	46.852	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	8.653	98	217609	49.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	85855	49.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2694	12.221	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	395	0.361	ug/l #	87
16) Acetone	2.373	43	296	0.538	ug/l #	64
20) Methylene Chloride	2.788	84	1495	1.185	ug/l #	94
27) cis-1,2-Dichloroethene	4.489	96	2401	1.746	ug/l	91
31) Cyclohexane	5.550	56	2271	1.237	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8806	4.994	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11123	5.687	ug/l #	15
39) Methylcyclohexane	7.123	83	978	0.469	ug/l #	1
44) Trichloroethene	7.129	130	81649	58.126	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	966	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47178	27.664	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47178	88.029	ug/l #	6

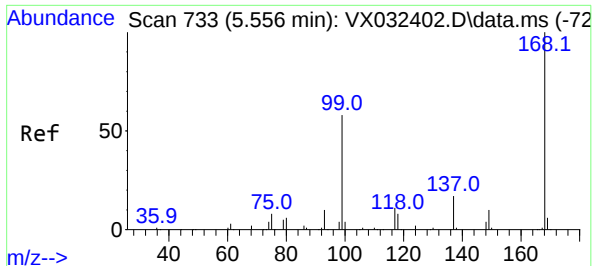
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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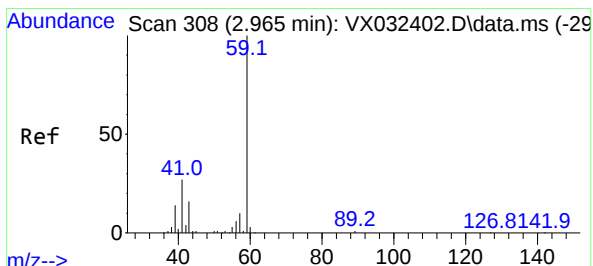
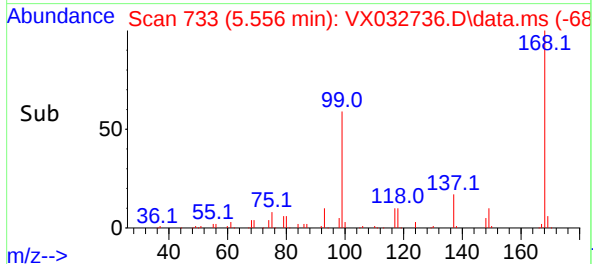
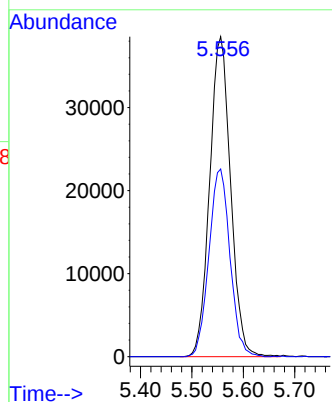
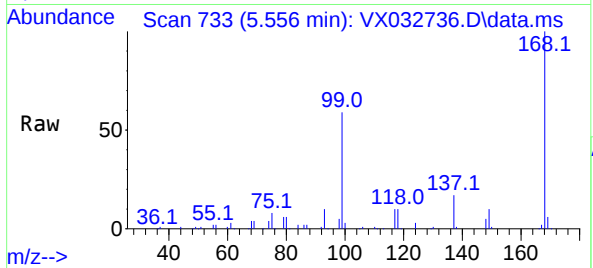




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

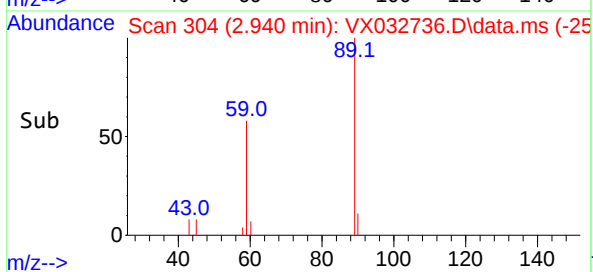
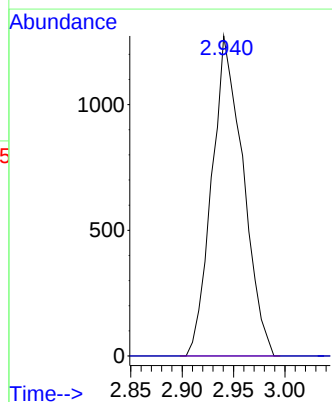
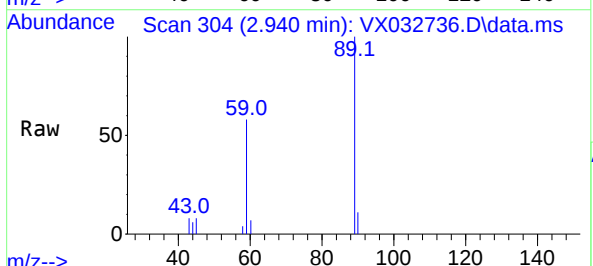
Instrument :
MSVOA_X
ClientSampleId :
48BR-20221109

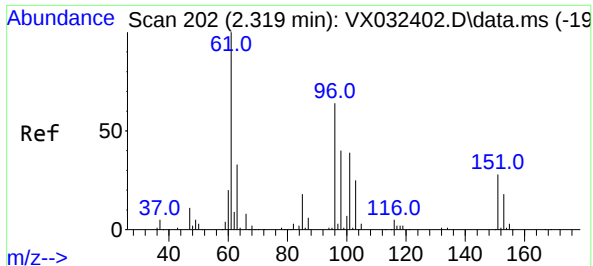
Tgt Ion:168 Resp: 109001
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 12.221 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion: 59 Resp: 2694
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

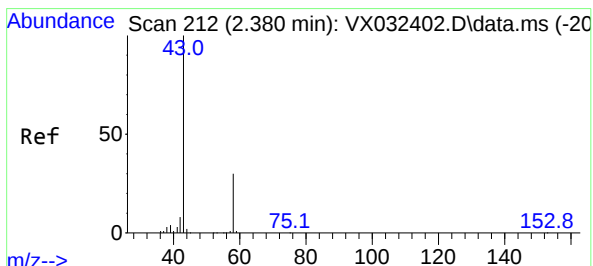
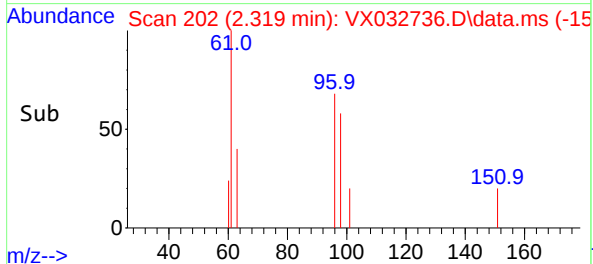
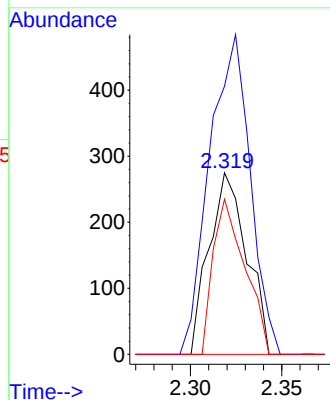
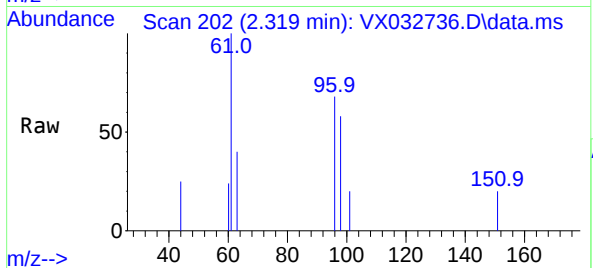




#12
1,1-Dichloroethene
Concen: 0.361 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

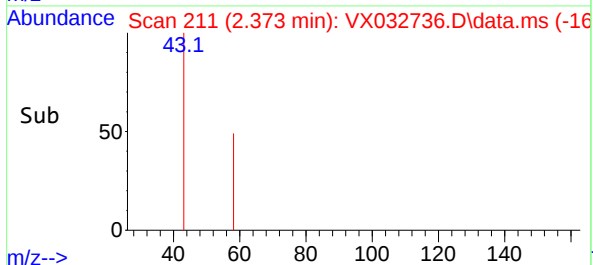
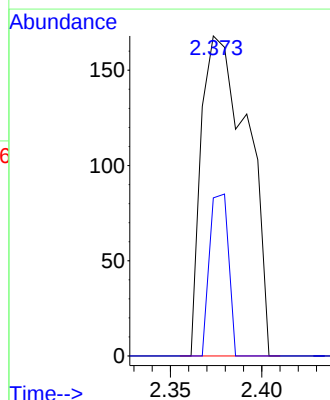
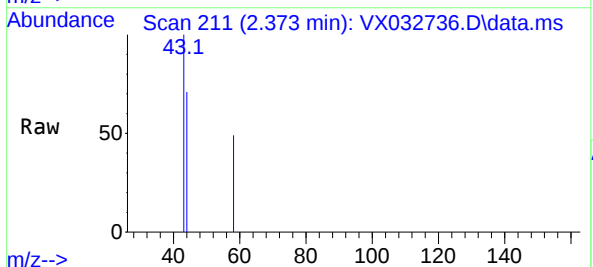
Instrument :
MSVOA_X
ClientSampleId :
48BR-20221109

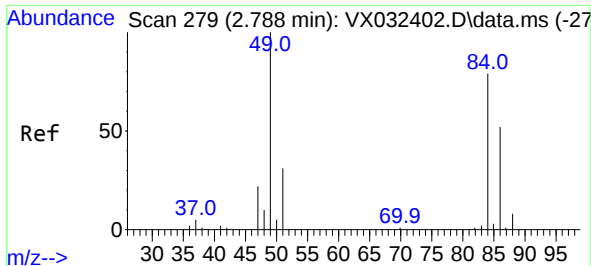
Tgt Ion: 96 Resp: 395
Ion Ratio Lower Upper
96 100
61 147.6 125.1 187.7
98 85.5 50.6 76.0#



#16
Acetone
Concen: 0.538 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
58 49.4 23.8 35.8#



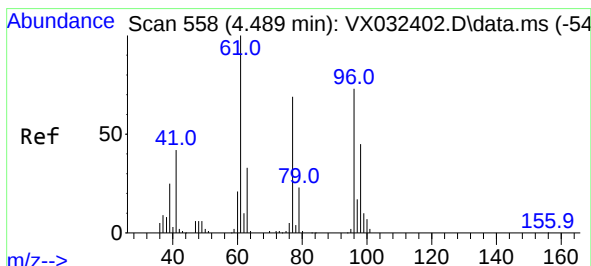
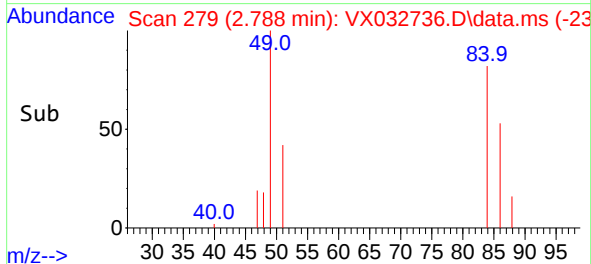
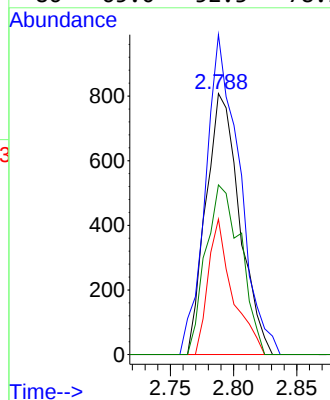
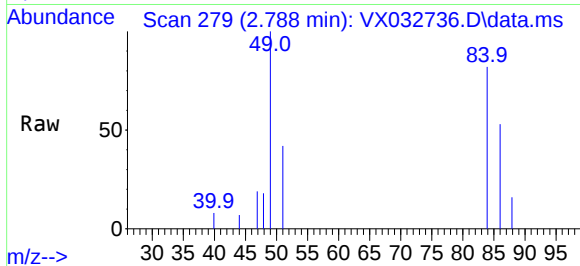


#20
Methylene Chloride
Concen: 1.185 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :
48BR-20221109

Tgt Ion: 84 Resp: 1495

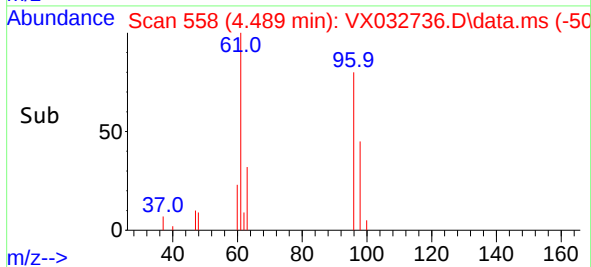
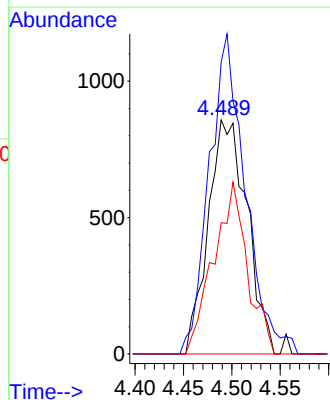
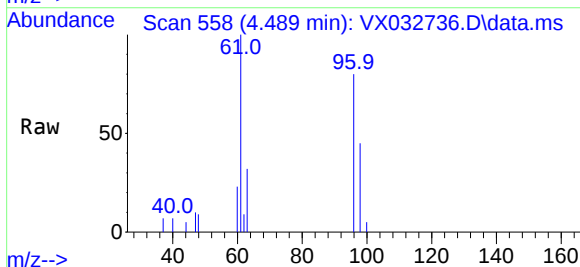
Ion	Ratio	Lower	Upper
84	100		
49	122.5	101.0	151.6
51	51.9	31.1	46.7#
86	65.0	52.3	78.5

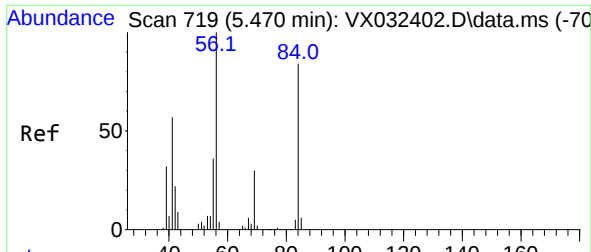


#27
cis-1,2-Dichloroethene
Concen: 1.746 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion: 96 Resp: 2401

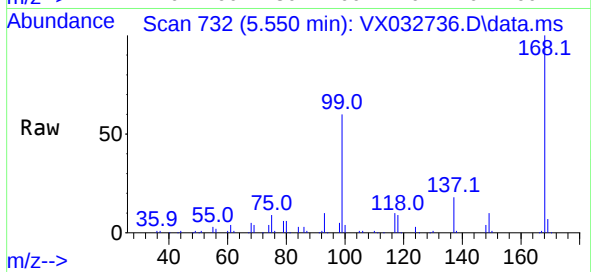
Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	286.0
98	63.8	0.0	129.6



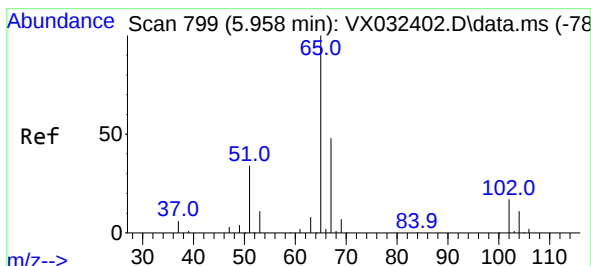
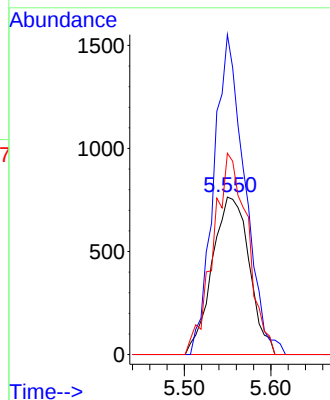
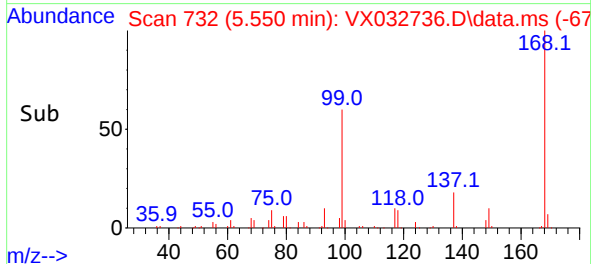


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :
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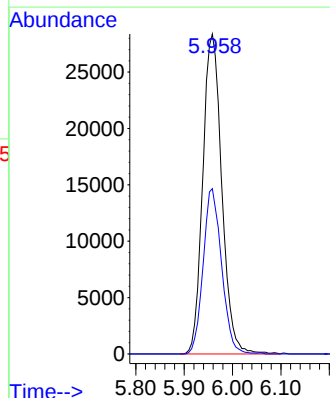
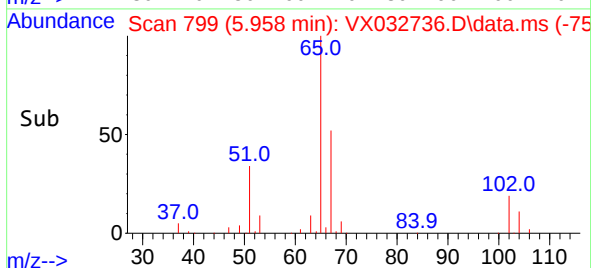
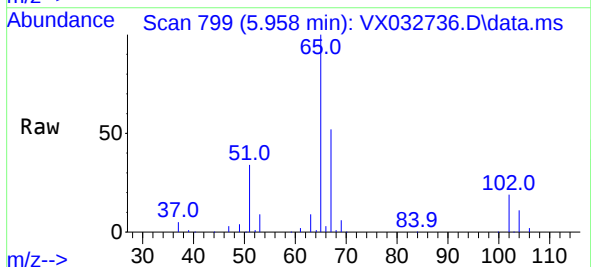


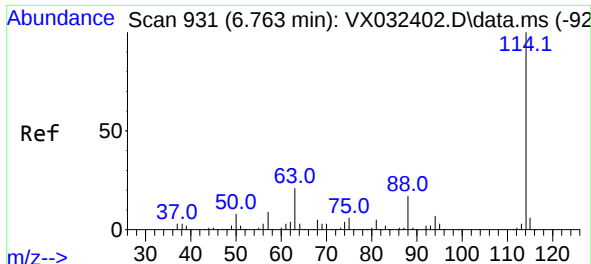
Tgt Ion: 56 Resp: 2271
Ion Ratio Lower Upper
56 100
69 203.1 24.1 36.1#
84 127.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.194 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion: 65 Resp: 77536
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

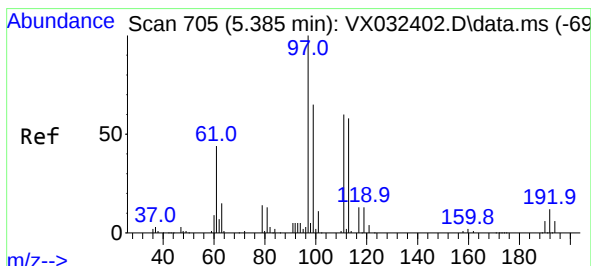
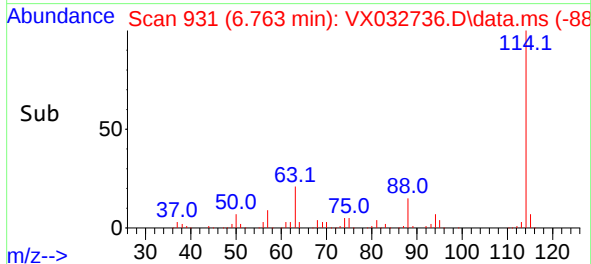
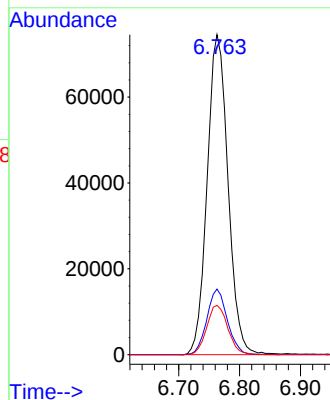
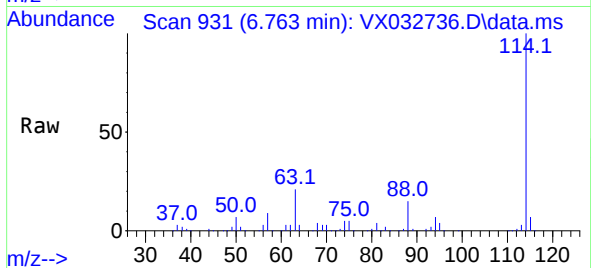




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

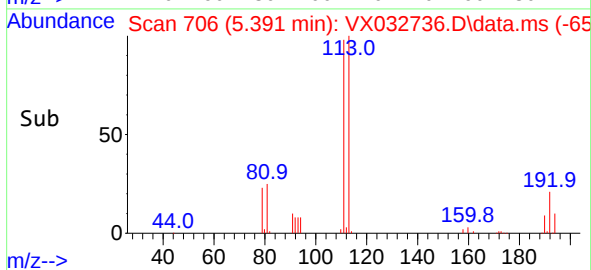
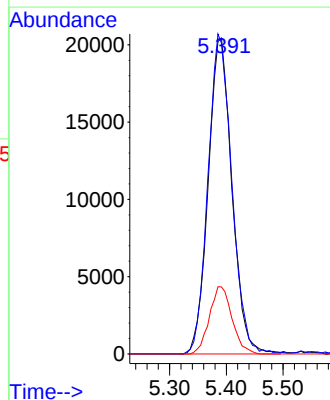
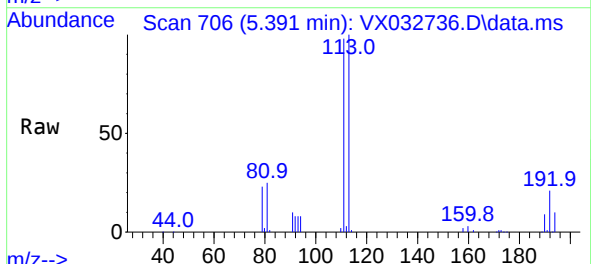
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ClientSampleId :
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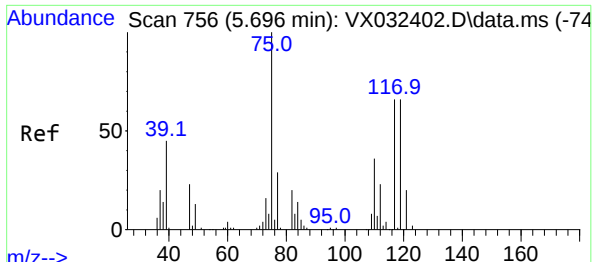
Tgt Ion:114 Resp: 177519
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.852 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion:113 Resp: 59327
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 20.3 15.4 23.2

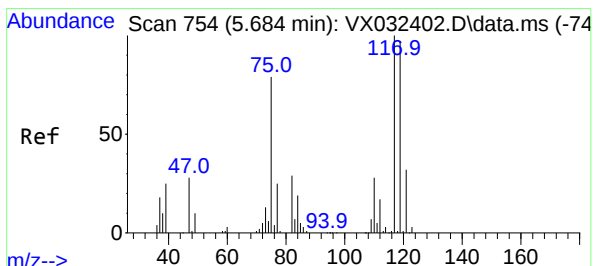
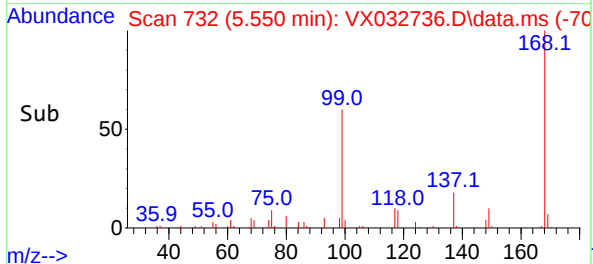
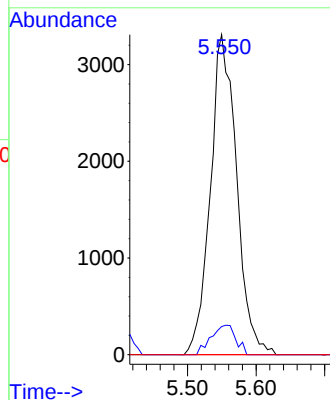
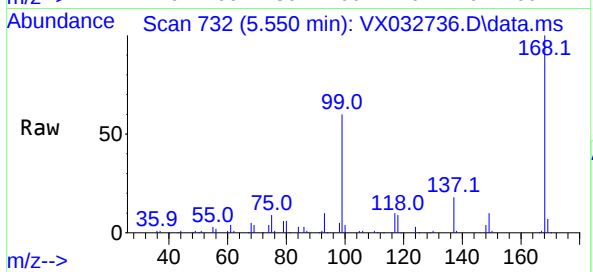




#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

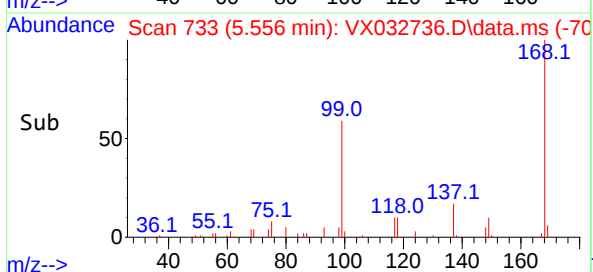
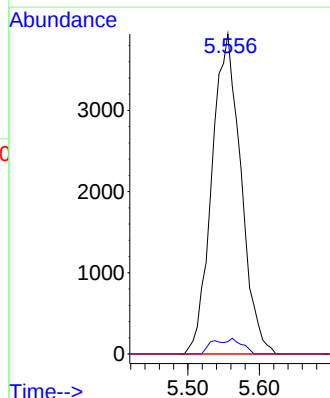
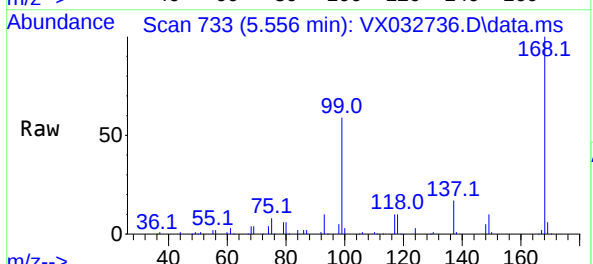
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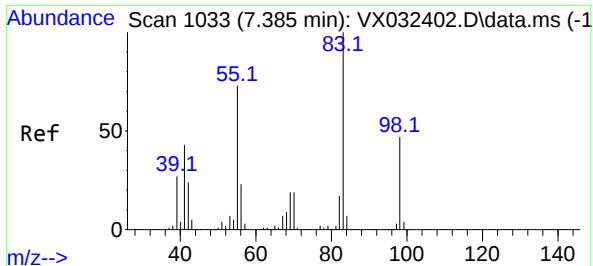
Tgt Ion: 75 Resp: 8806
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion: 117 Resp: 11123
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#

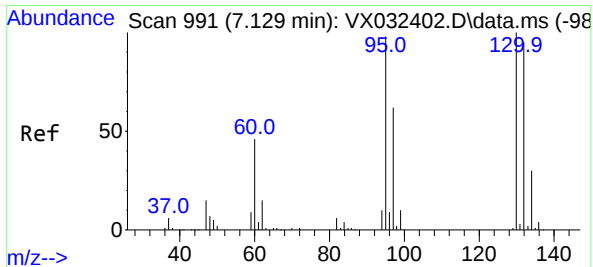
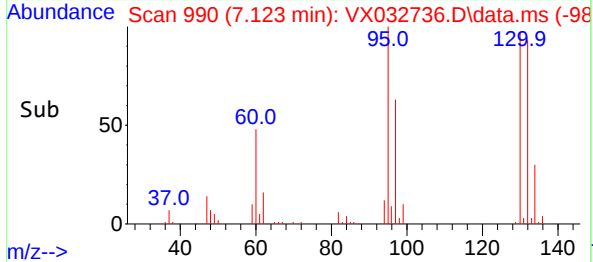
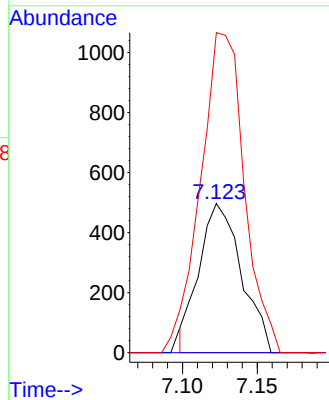
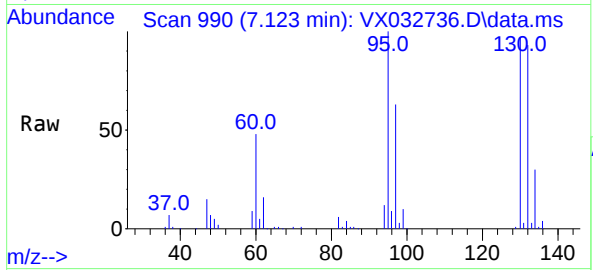




#39
Methylcyclohexane
Concen: 0.469 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.262 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

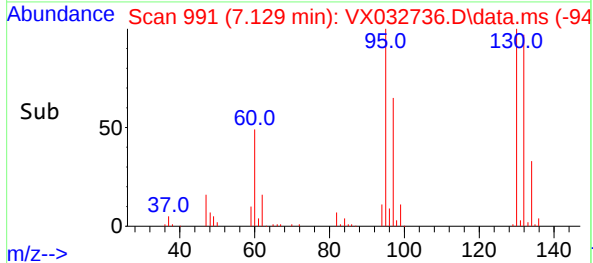
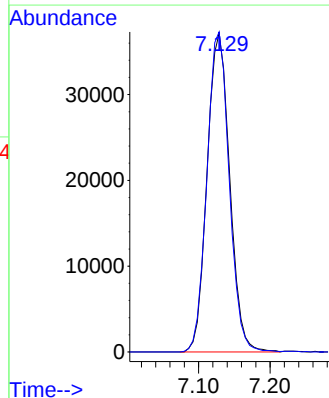
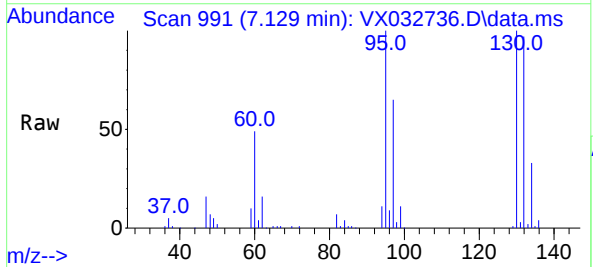
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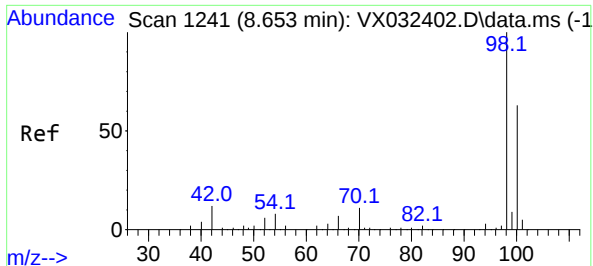
Tgt Ion: 83 Resp: 978
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 214.5 37.2 55.8#



#44
Trichloroethene
Concen: 58.126 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion:130 Resp: 81649
Ion Ratio Lower Upper
130 100
95 100.5 0.0 195.2

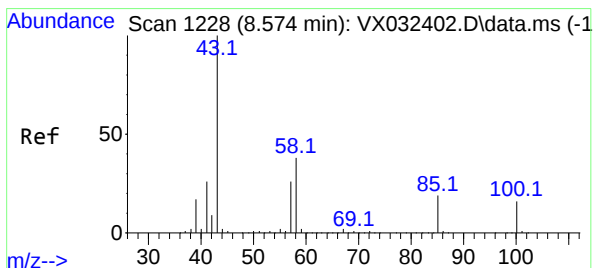
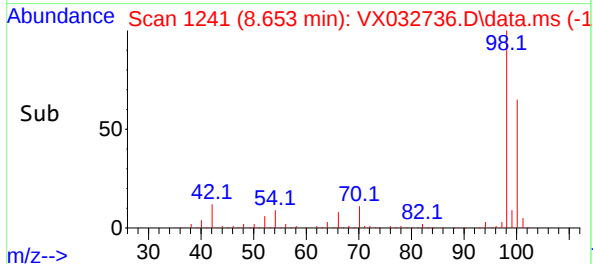
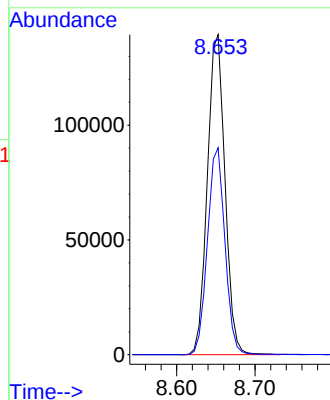
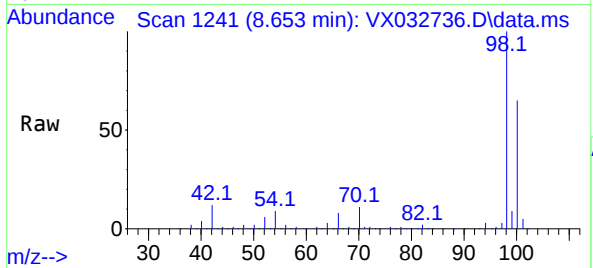




#50
Toluene-d8
Concen: 49.422 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

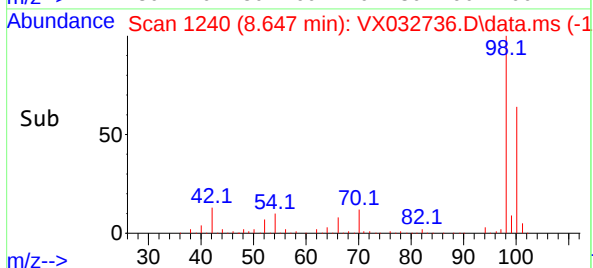
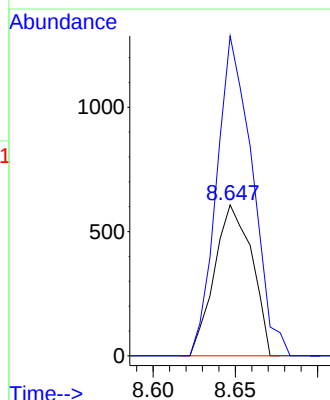
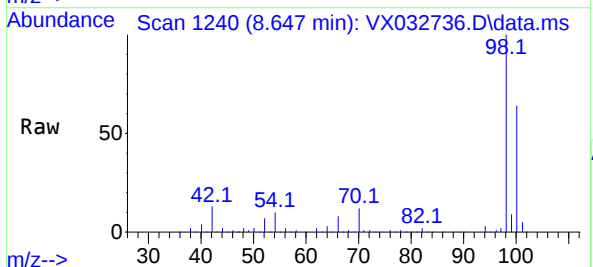
Instrument :
MSVOA_X
ClientSampleId :
48BR-20221109

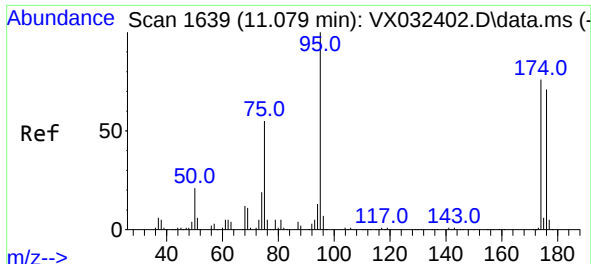
Tgt Ion: 98 Resp: 217609
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 200.8 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 49.917 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032736.D

Acq: 10 Nov 2022 18:14

Instrument :

MSVOA_X

ClientSampleId :

48BR-20221109

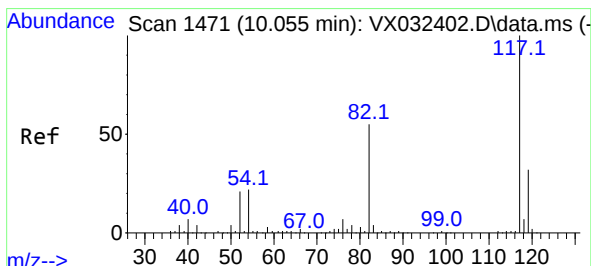
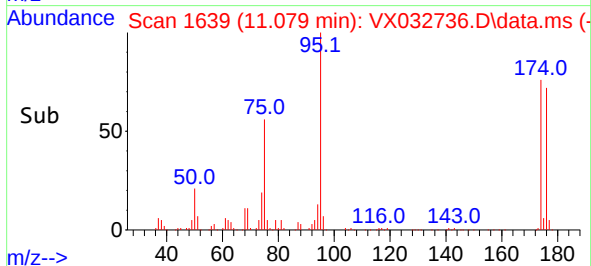
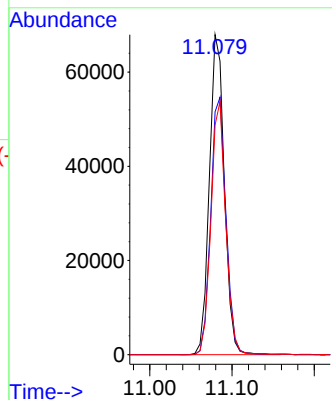
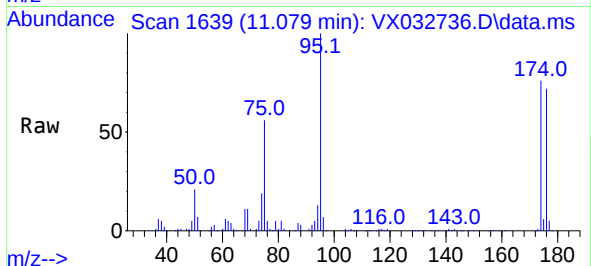
Tgt Ion: 95 Resp: 85855

Ion Ratio Lower Upper

95 100

174 82.1 0.0 164.0

176 78.0 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: VX032736.D

Acq: 10 Nov 2022 18:14

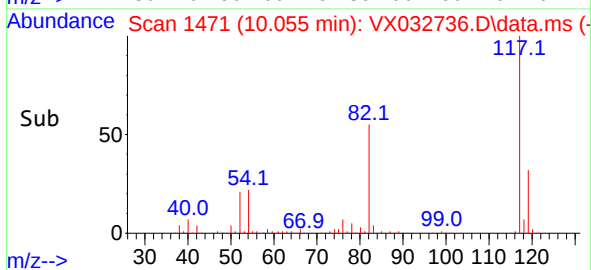
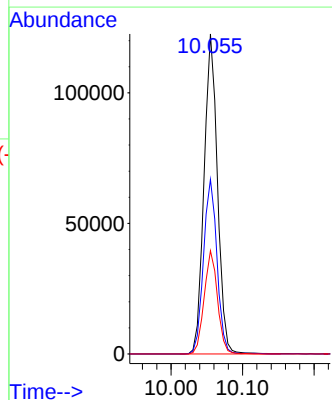
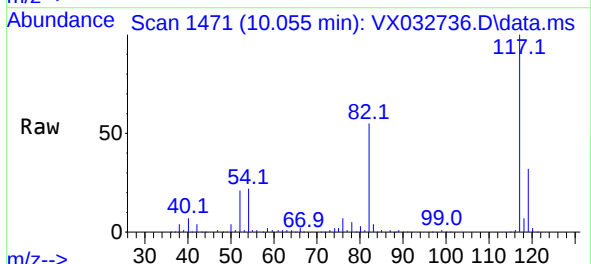
Tgt Ion: 117 Resp: 159921

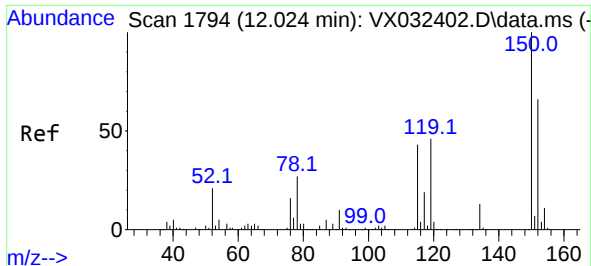
Ion Ratio Lower Upper

117 100

82 54.6 44.3 66.5

119 32.3 25.7 38.5

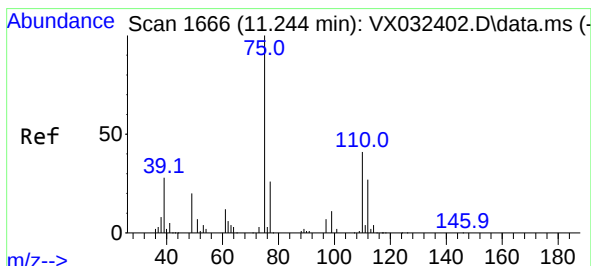
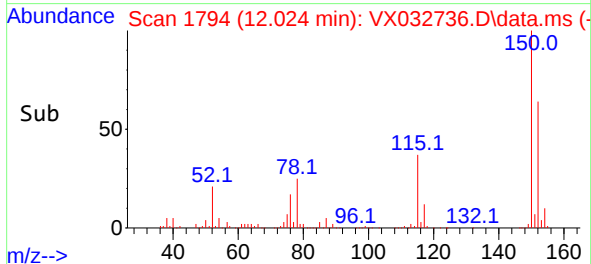
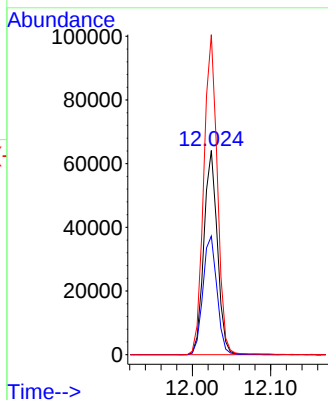
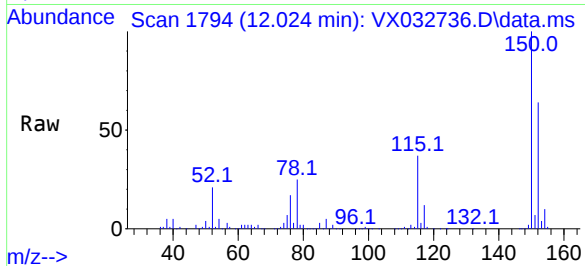




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

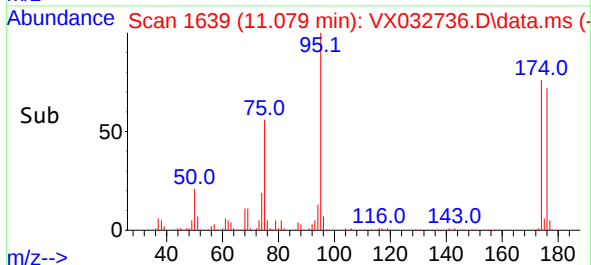
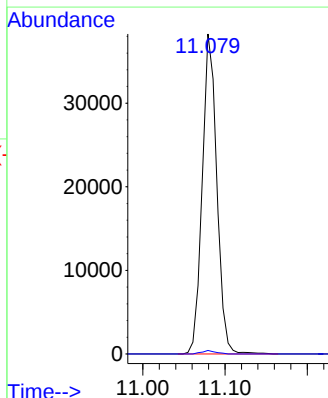
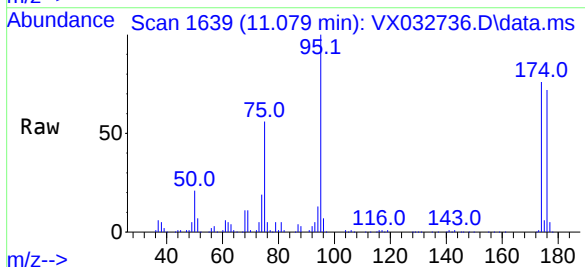
Instrument :
MSVOA_X
ClientSampleId :
48BR-20221109

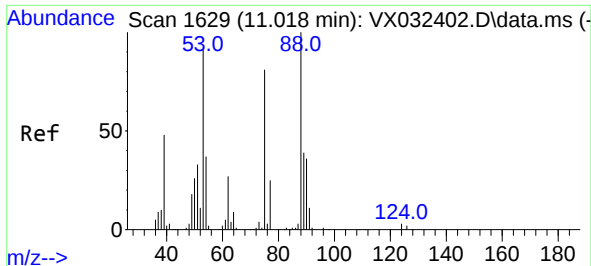
Tgt Ion:152 Resp: 76654
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 157.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Tgt Ion: 75 Resp: 47178
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.029 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032736.D
Acq: 10 Nov 2022 18:14

Instrument :
MSVOA_X
ClientSampleId :
48BR-20221109

Tgt Ion: 75 Resp: 47178
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

