

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038709.D
 Acq On : 10 Nov 2023 06:59
 Operator : JC/MD
 Sample : 05241-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-4-20231102

Quant Time: Nov 10 16:43:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

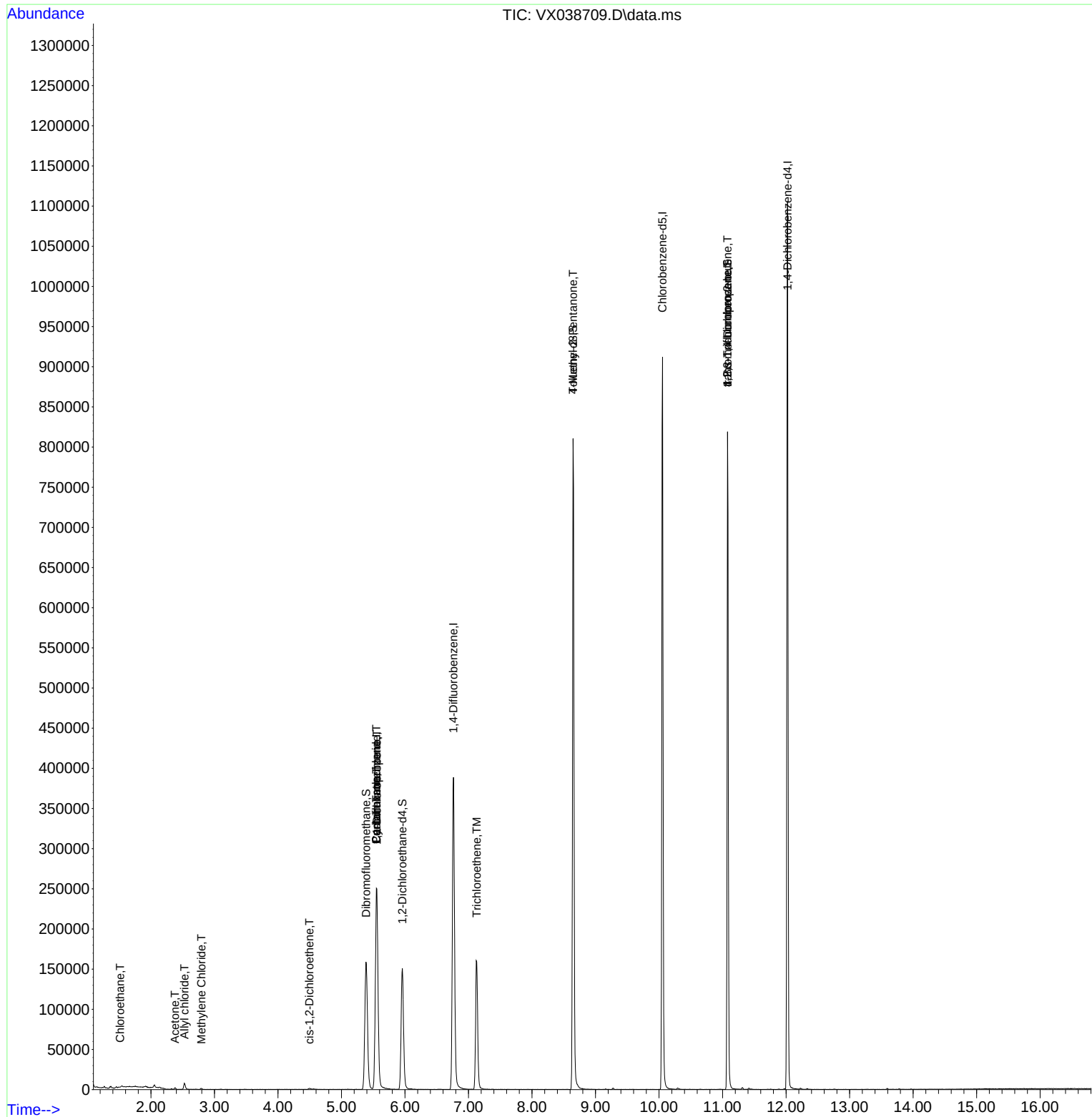
Internal Standards						
1) Pentafluorobenzene	5.549	168	263222	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	437284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151801	46.323	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.640%
35) Dibromofluoromethane	5.385	113	142680	45.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.600%
50) Toluene-d8	8.646	98	520985	46.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	11.079	95	224149	51.298	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.600%
Target Compounds						
					Qvalue	
6) Chloroethane	1.514	64	2573	1.616	ug/l #	43
14) Allyl chloride	2.526	41	780	0.222	ug/l #	44
16) Acetone	2.379	43	2085	1.511	ug/l	96
20) Methylene Chloride	2.794	84	742	0.267	ug/l #	55
27) cis-1,2-Dichloroethene	4.495	96	984	0.319	ug/l	79
31) Cyclohexane	5.549	56	4103	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17188	4.393	ug/l #	52
38) Carbon Tetrachloride	5.549	117	24517	5.606	ug/l #	16
44) Trichloroethene	7.128	130	69883	19.932	ug/l	88
51) 4-Methyl-2-Pentanone	8.646	43	1799	0.450	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106028	20.249	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	106028	61.802	ug/l #	5

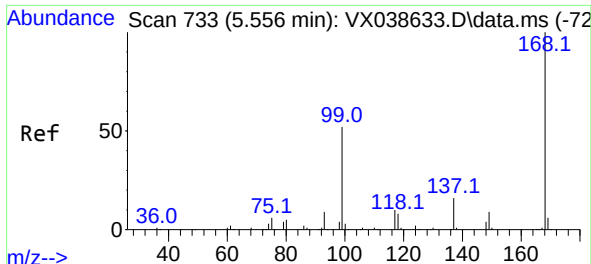
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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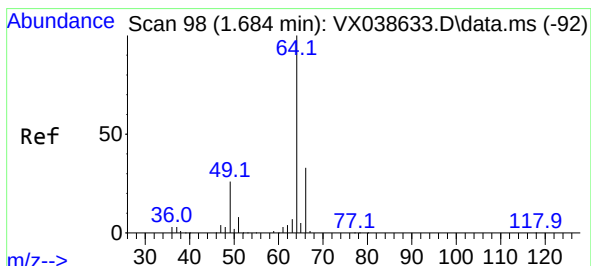
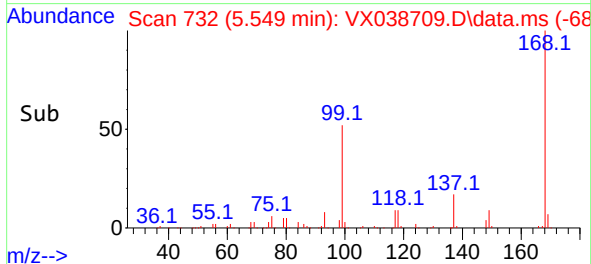
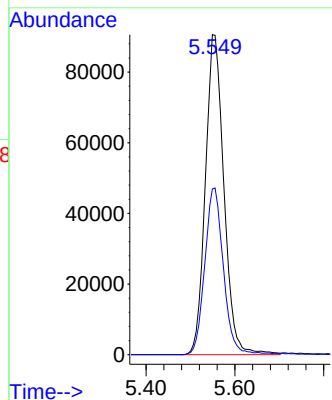
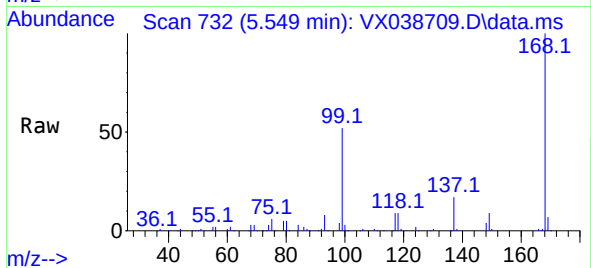




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

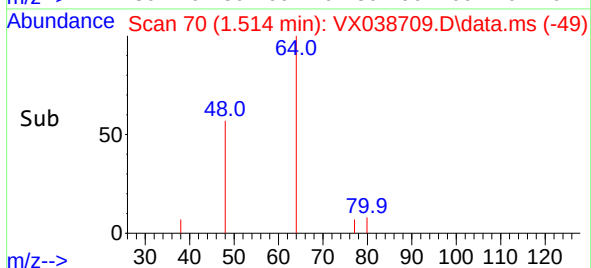
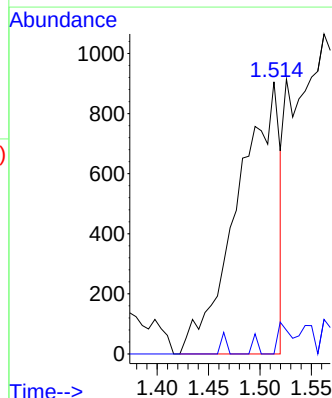
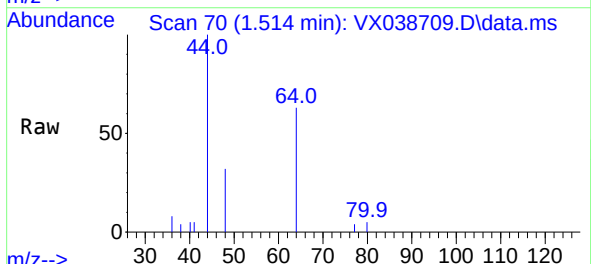
Instrument :
MSVOA_X
ClientSampleId :
DUP-4-20231102

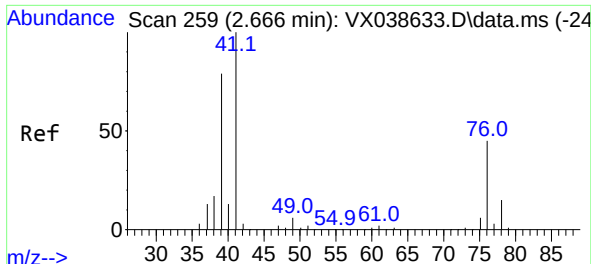
Tgt Ion:168 Resp: 263222
Ion Ratio Lower Upper
168 100
99 51.8 56.6 85.0#



#6
Chloroethane
Concen: 1.616 ug/l
RT: 1.514 min Scan# 70
Delta R.T. -0.171 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Tgt Ion: 64 Resp: 2573
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

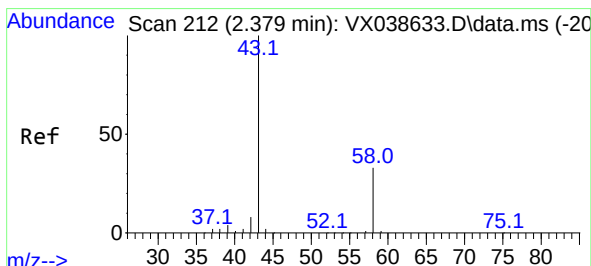
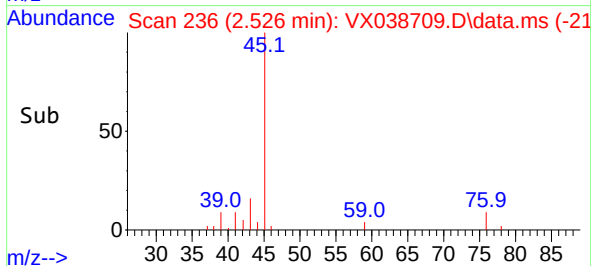
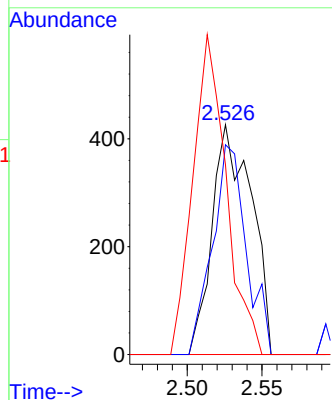
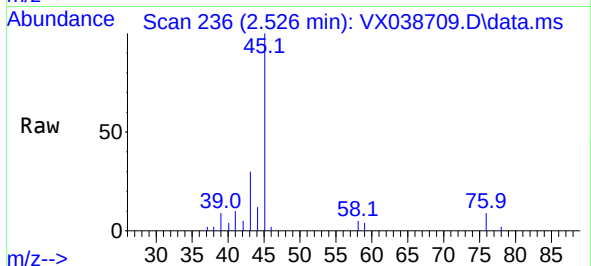




#14
 Allyl chloride
 Concen: 0.222 ug/l
 RT: 2.526 min Scan# 212
 Delta R.T. -0.140 min
 Lab File: VX038709.D
 Acq: 10 Nov 2023 06:59

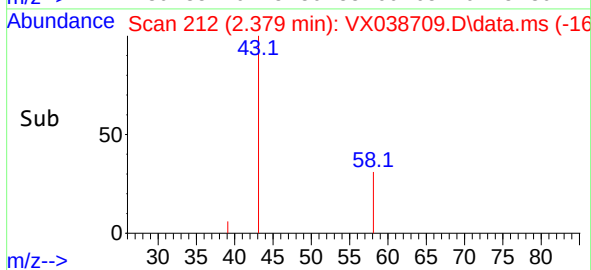
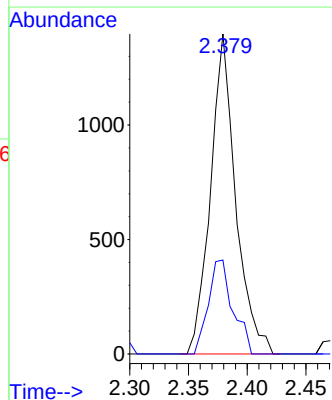
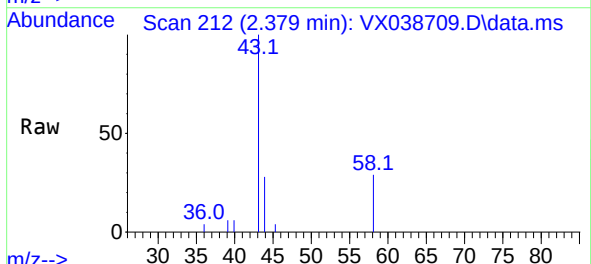
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-4-20231102

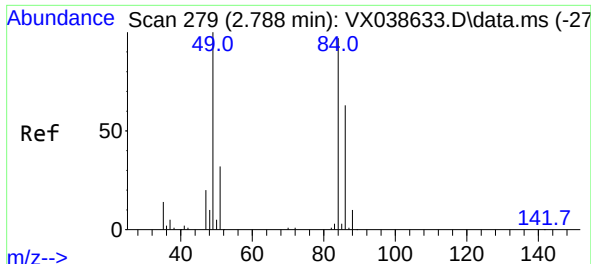
Tgt Ion: 41 Resp: 780
 Ion Ratio Lower Upper
 41 100
 39 78.7 55.8 83.6
 76 117.7 24.3 36.5#



#16
 Acetone
 Concen: 1.511 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX038709.D
 Acq: 10 Nov 2023 06:59

Tgt Ion: 43 Resp: 2085
 Ion Ratio Lower Upper
 43 100
 58 29.3 21.9 32.9



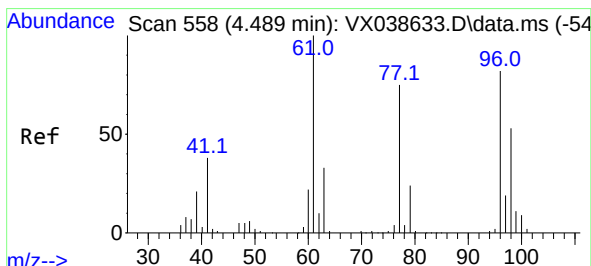
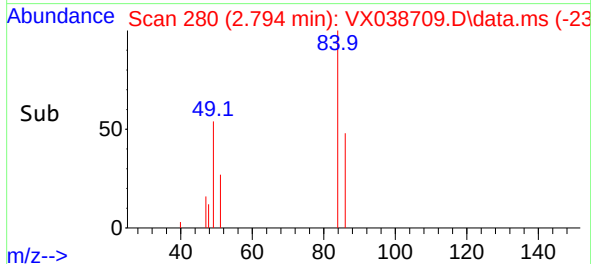
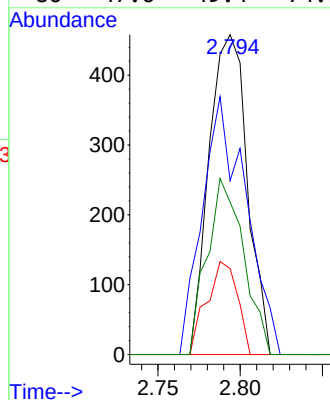
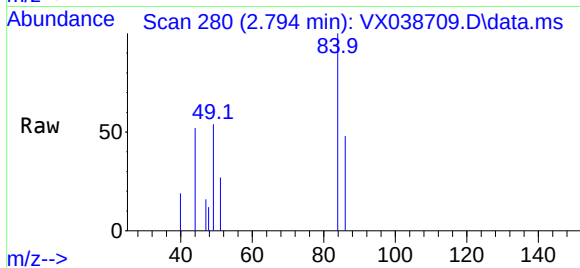


#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Instrument :
MSVOA_X
ClientSampleId :
DUP-4-20231102

Tgt Ion: 84 Resp: 742

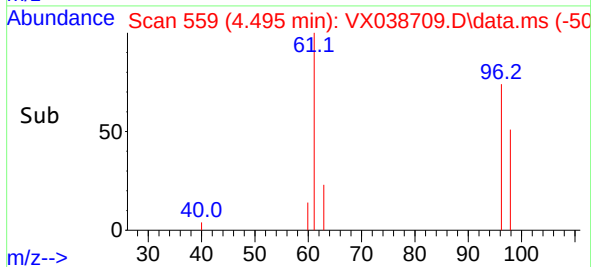
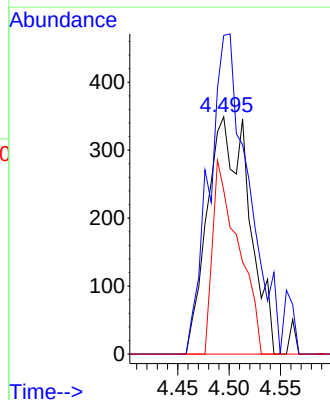
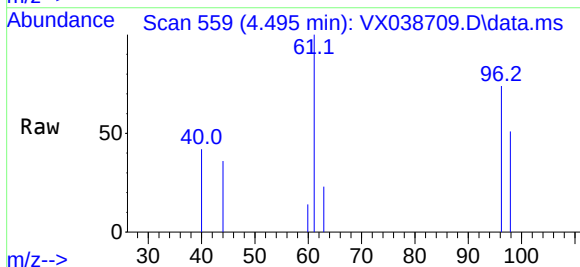
Ion	Ratio	Lower	Upper
84	100		
49	54.4	103.6	155.4#
51	26.9	33.8	50.6#
86	47.6	49.4	74.0#

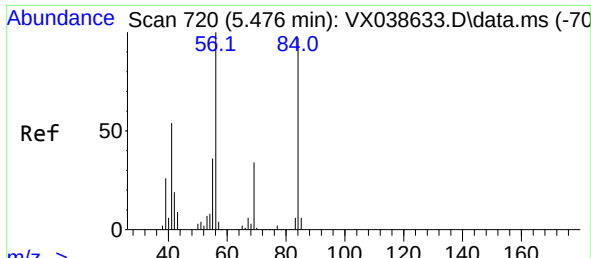


#27
cis-1,2-Dichloroethene
Concen: 0.319 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Tgt Ion: 96 Resp: 984

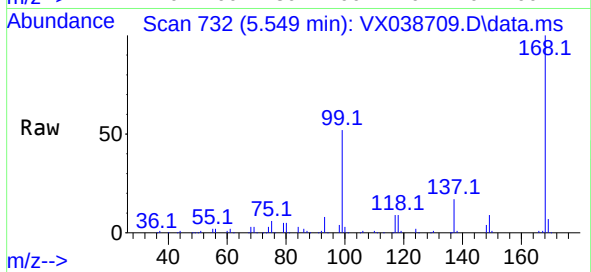
Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	312.2
98	50.3	0.0	129.0



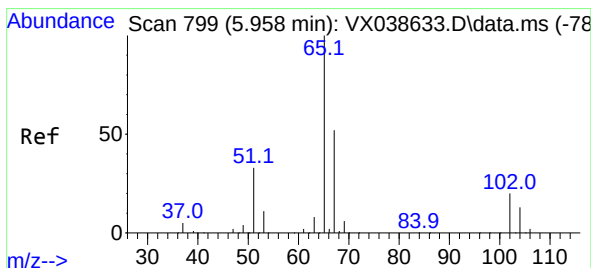
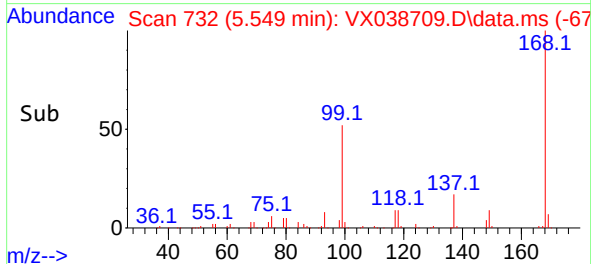
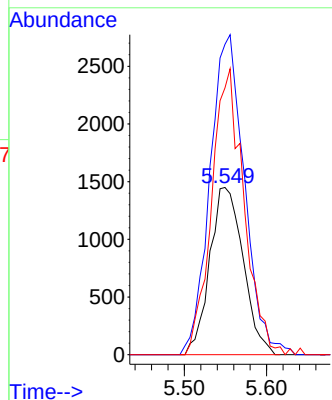


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.549 min Scan# 711
Delta R.T. 0.073 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Instrument :
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ClientSampleId :
DUP-4-20231102

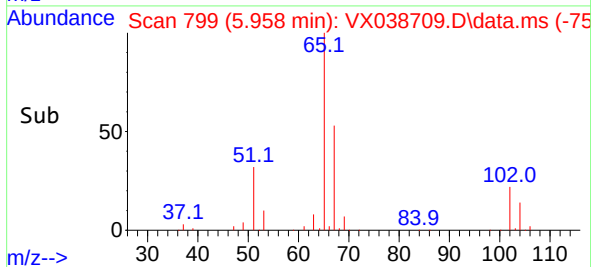
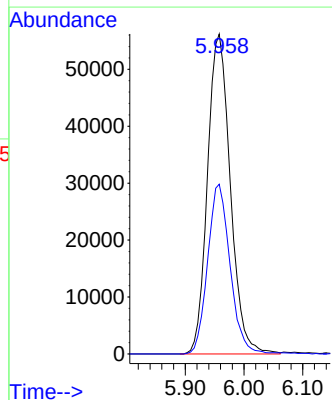
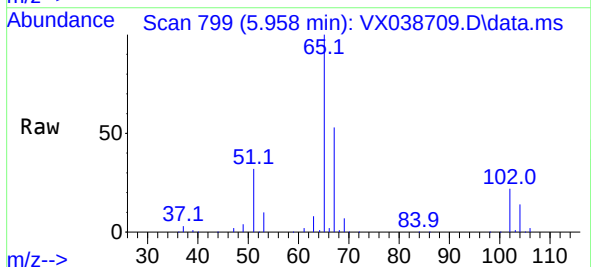


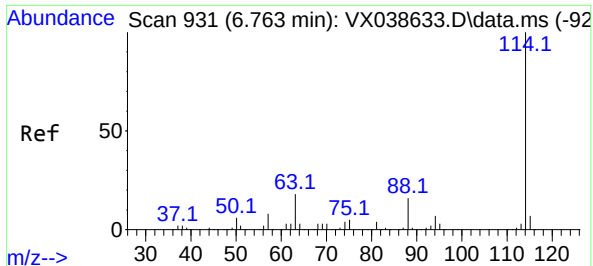
Tgt Ion: 56 Resp: 4103
Ion Ratio Lower Upper
56 100
69 185.6 23.4 35.2#
84 159.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.323 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Tgt Ion: 65 Resp: 151801
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

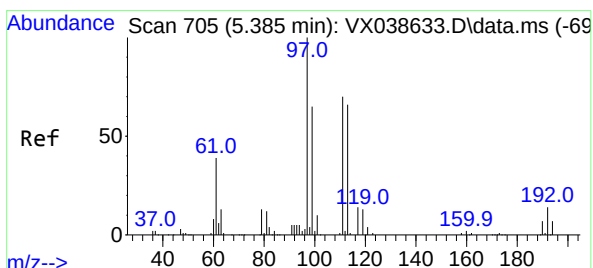
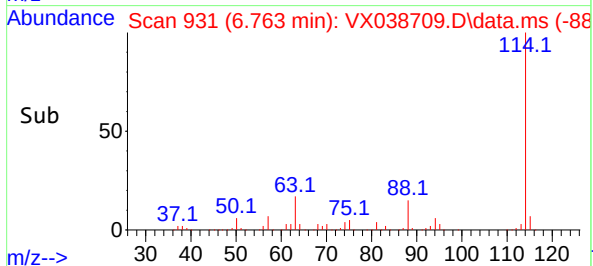
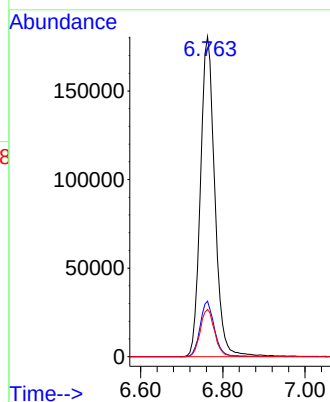
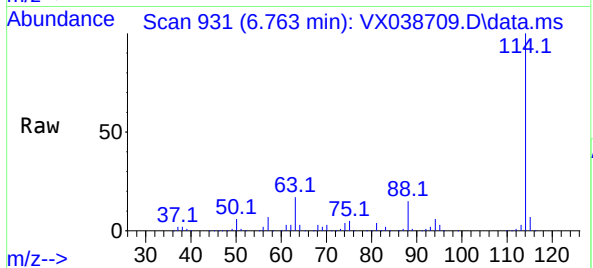




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

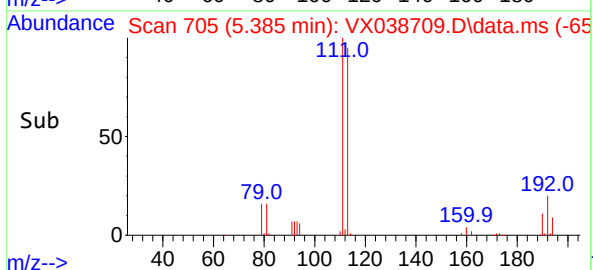
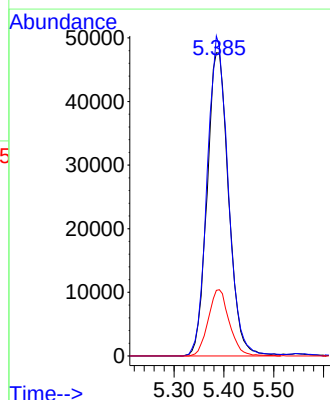
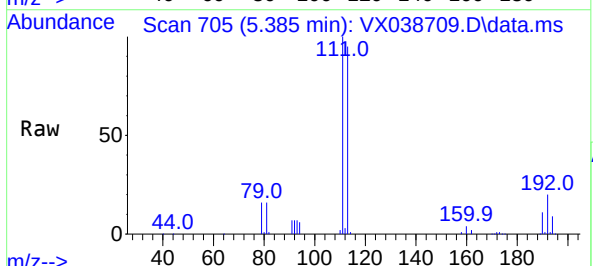
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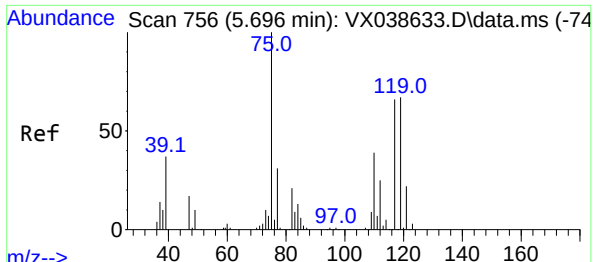
Tgt Ion:114 Resp: 437284
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Tgt Ion:113 Resp: 142680
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 21.4 13.3 19.9#

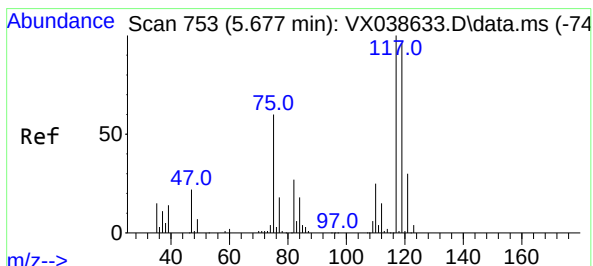
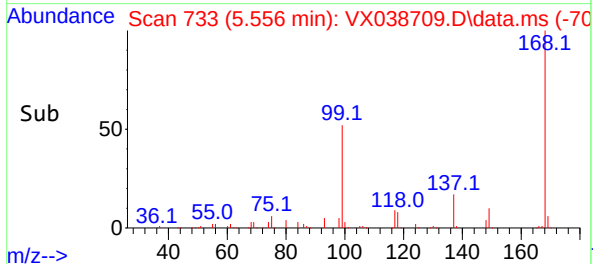
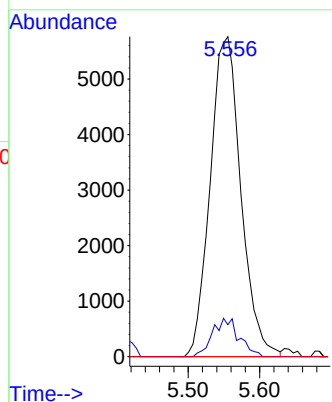
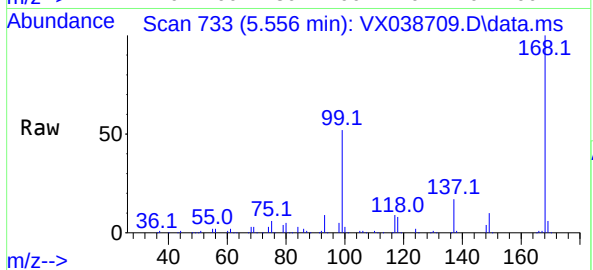




#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

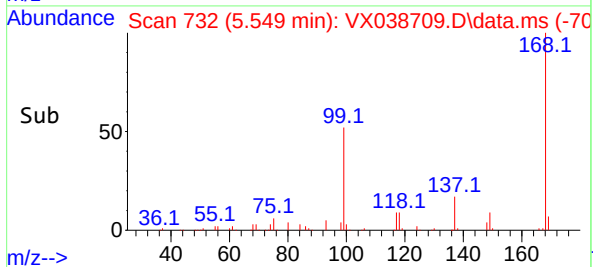
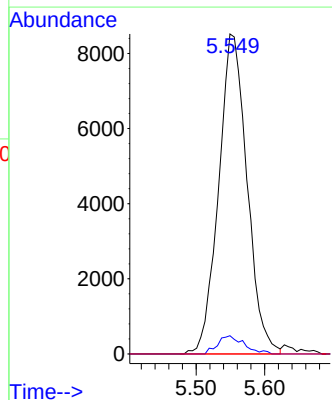
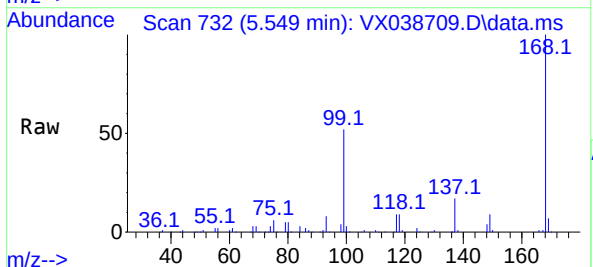
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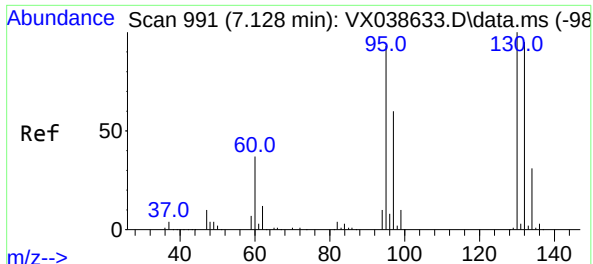
Tgt Ion: 75 Resp: 17188
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Tgt Ion: 117 Resp: 24517
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

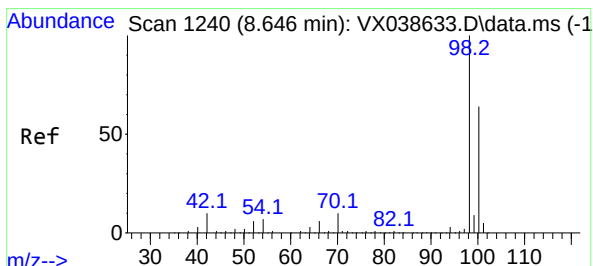
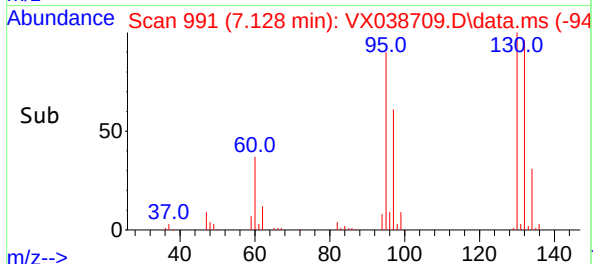
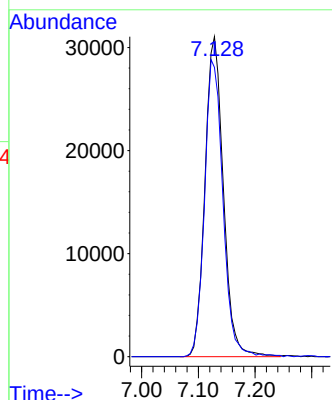
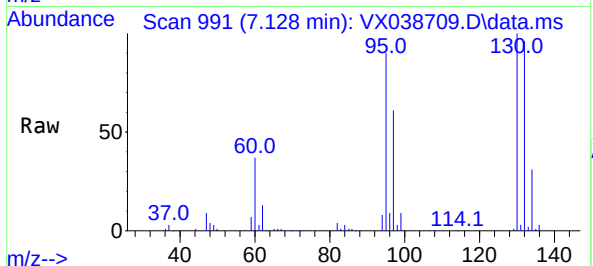




#44
Trichloroethene
Concen: 19.932 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

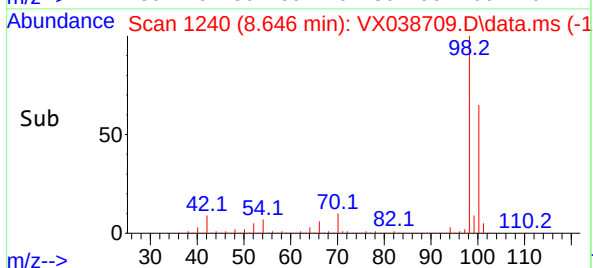
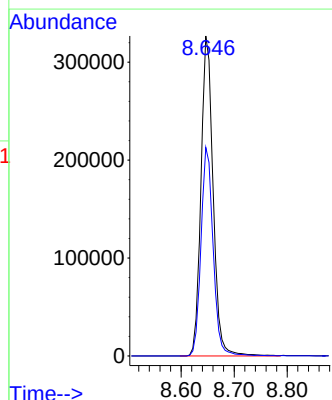
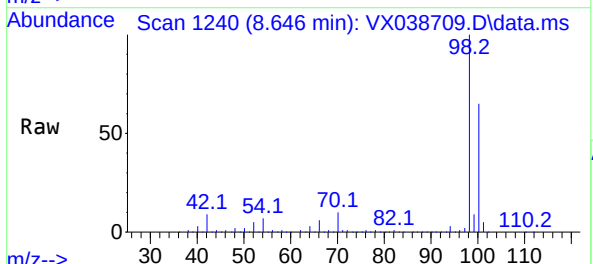
Instrument :
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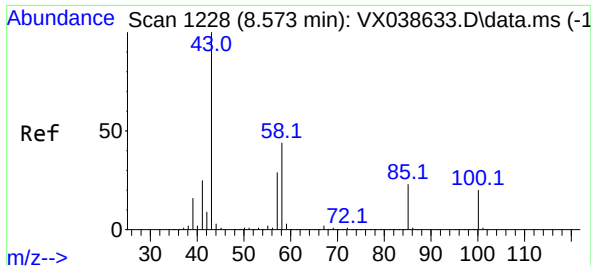
Tgt Ion:130 Resp: 69883
Ion Ratio Lower Upper
130 100
95 90.4 0.0 204.4



#50
Toluene-d8
Concen: 46.228 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Tgt Ion: 98 Resp: 520985
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.450 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX038709.D

Acq: 10 Nov 2023 06:59

Instrument :

MSVOA_X

ClientSampleId :

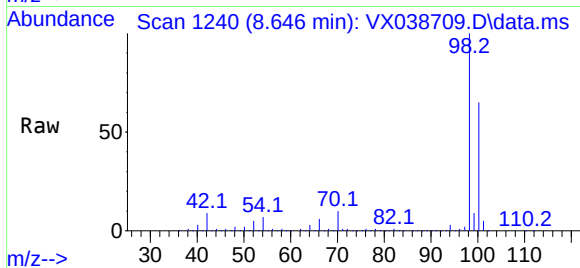
DUP-4-20231102

Tgt Ion: 43 Resp: 1799

Ion Ratio Lower Upper

43 100

58 199.8 30.4 45.6#



Abundance

2000

1500

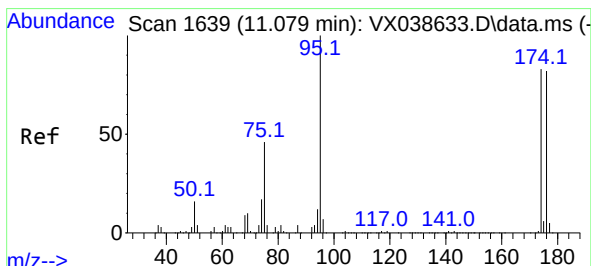
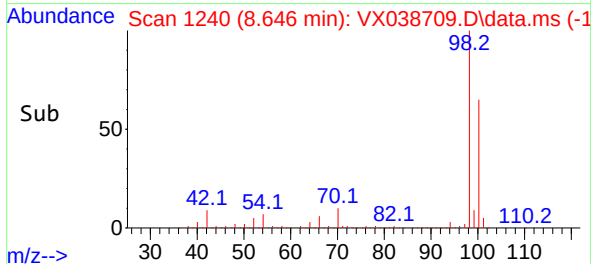
1000

500

0

8.646

Time-->



#62

4-Bromofluorobenzene

Concen: 51.298 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038709.D

Acq: 10 Nov 2023 06:59

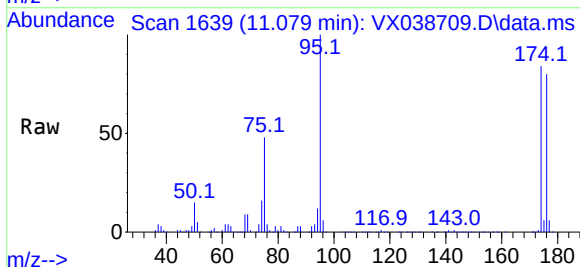
Tgt Ion: 95 Resp: 224149

Ion Ratio Lower Upper

95 100

174 87.0 0.0 135.6

176 82.9 0.0 131.0



Abundance

150000

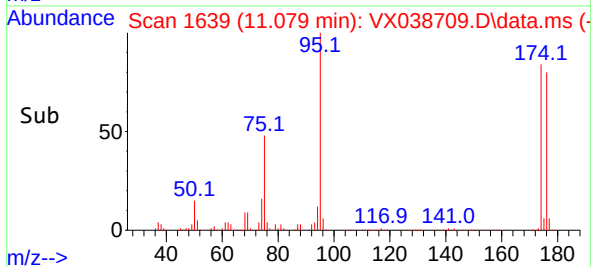
100000

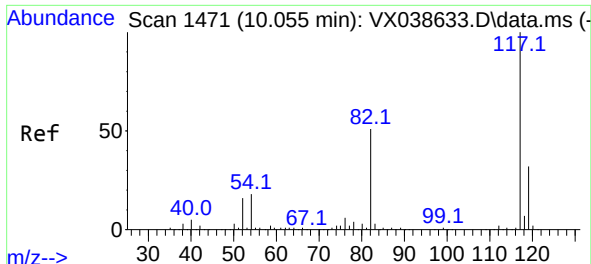
50000

0

11.079

Time-->

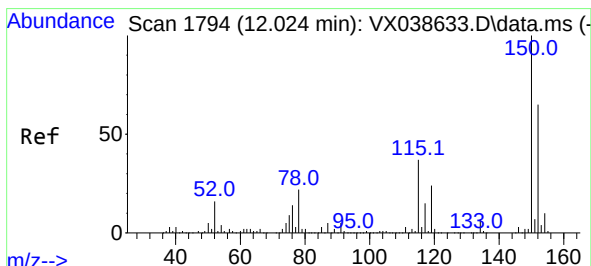
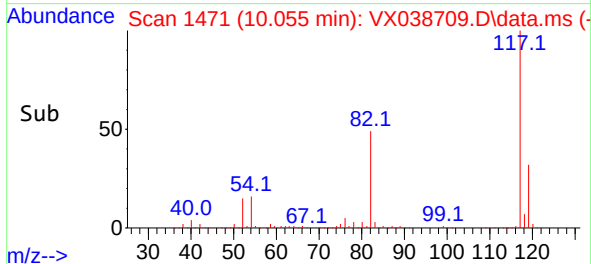
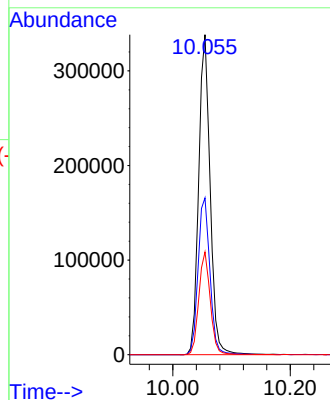
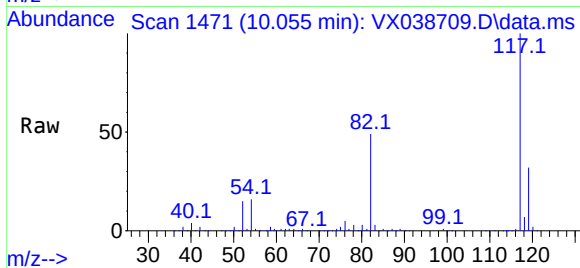




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

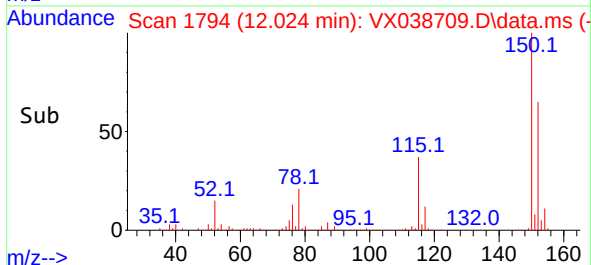
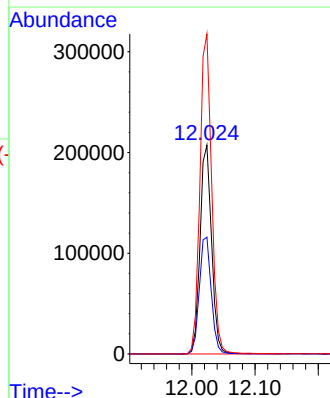
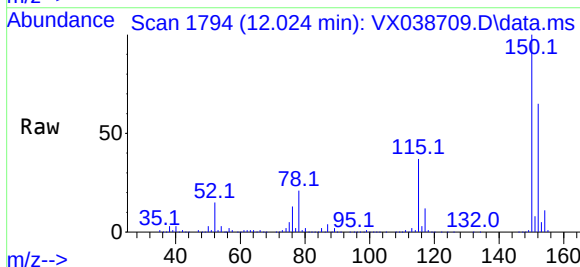
Instrument :
MSVOA_X
ClientSampleId :
DUP-4-20231102

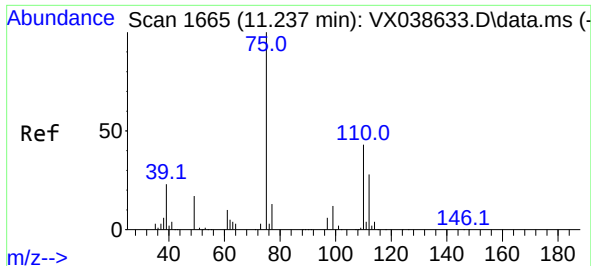
Tgt Ion:117 Resp: 458230
Ion Ratio Lower Upper
117 100
82 49.0 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Tgt Ion:152 Resp: 264387
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.9
150 154.8 0.0 345.0

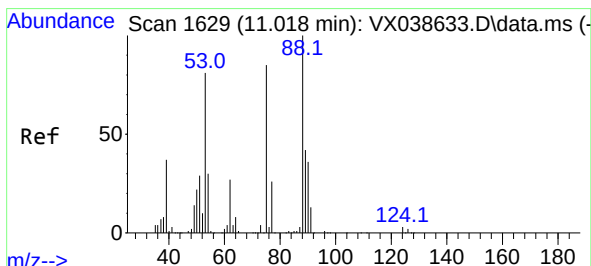
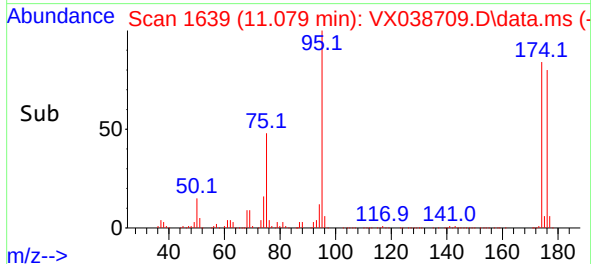
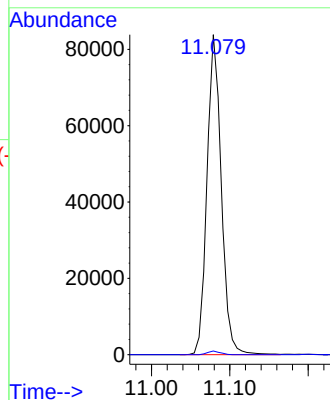
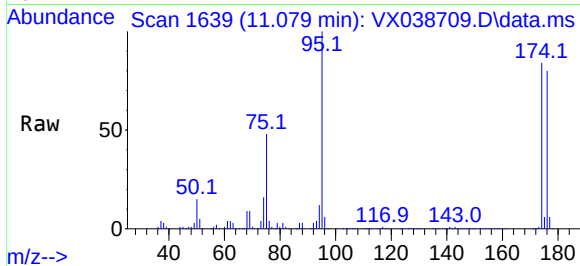




#76
1,2,3-Trichloropropane
Concen: 20.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Instrument :
MSVOA_X
ClientSampleId :
DUP-4-20231102

Tgt Ion: 75 Resp: 106028
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038709.D
Acq: 10 Nov 2023 06:59

Tgt Ion: 75 Resp: 106028
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

