

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038724.D
 Acq On : 10 Nov 2023 13:29
 Operator : JC/MD
 Sample : 05241-09DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 01:53:15 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)

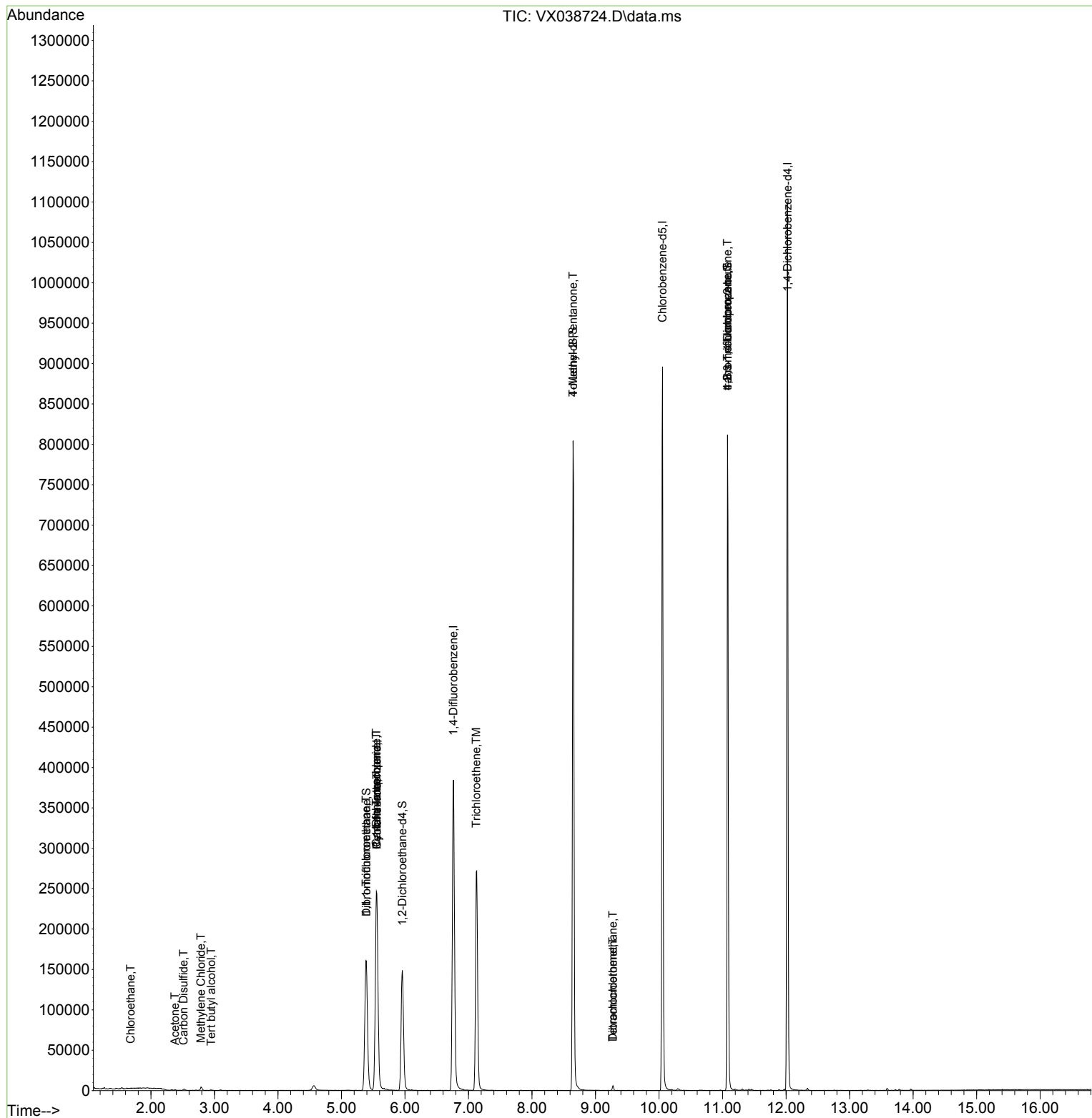
Internal Standards						
1) Pentafluorobenzene	5.556	168	262009	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	434758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150909	46.264	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.520%	
35) Dibromofluoromethane	5.391	113	141760	45.273	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.540%	
50) Toluene-d8	8.647	98	520859	46.485	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	92.980%	
62) 4-Bromofluorobenzene	11.079	95	221278	50.936	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.880%	
Target Compounds						
						Qvalue
6) Chloroethane	1.678	64	812	0.512	ug/l	# 43
11) Tert butyl alcohol	2.947	59	415	0.622	ug/l	# 78
16) Acetone	2.380	43	822	0.598	ug/l	92
17) Carbon Disulfide	2.514	76	1342	0.207	ug/l	# 76
20) Methylene Chloride	2.788	84	2223	0.803	ug/l	# 86
31) Cyclohexane	5.556	56	4146	1.148	ug/l	# 1
32) 1,1,1-Trichloroethane	5.385	97	4743	1.052	ug/l	# 47
36) 1,1-Dichloropropene	5.550	75	16727	4.300	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	24571	5.651	ug/l	# 15
44) Trichloroethene	7.123	130	116207	33.337	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1590	0.400	ug/l	# 1
60) Dibromochloromethane	9.275	129	867	0.248	ug/l	# 11
64) Tetrachloroethene	9.275	164	1054	0.312	ug/l	# 78
76) 1,2,3-Trichloropropane	11.079	75	106665	20.423	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	106665	62.274	ug/l	# 5

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

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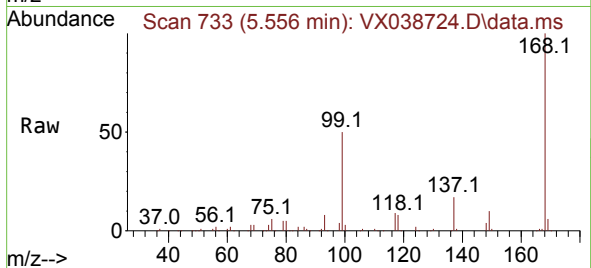
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



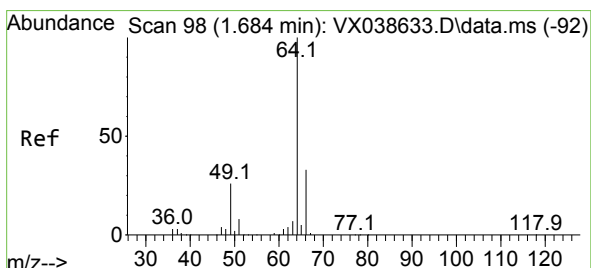
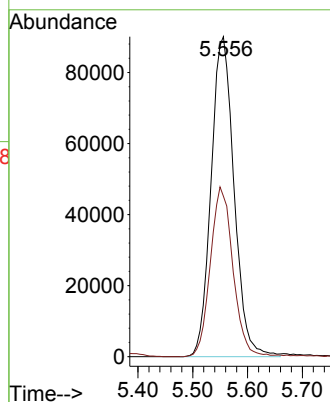
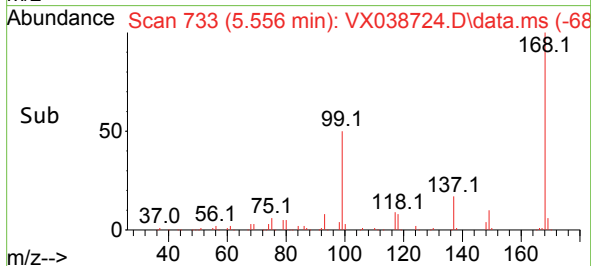


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :

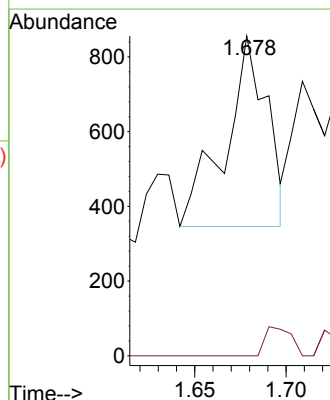
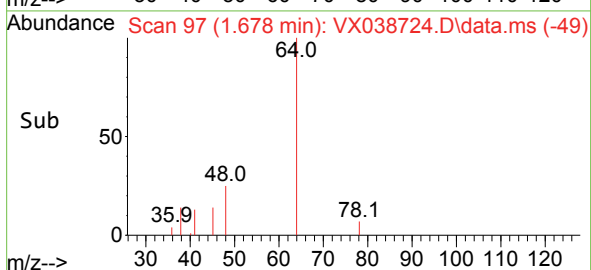
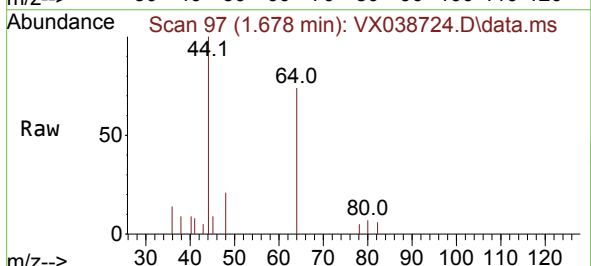


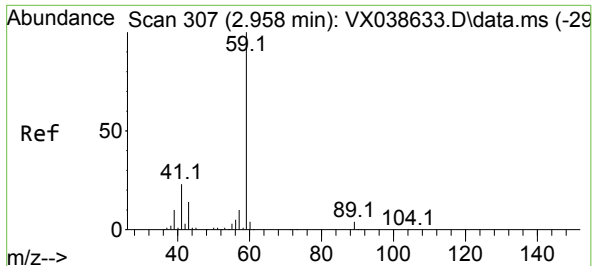
Tgt Ion:168 Resp: 262009
Ion Ratio Lower Upper
168 100
99 50.1 56.6 85.0#



#6
Chloroethane
Concen: 0.512 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Tgt Ion: 64 Resp: 812
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.622 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038724.D

Acq: 10 Nov 2023 13:29

Instrument :

MSVOA_X

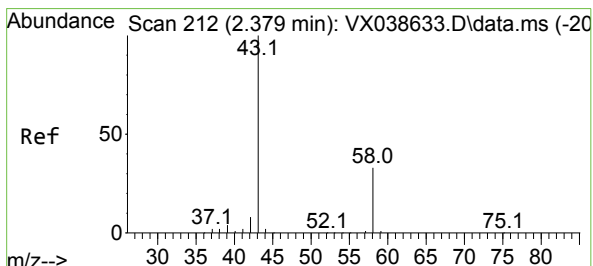
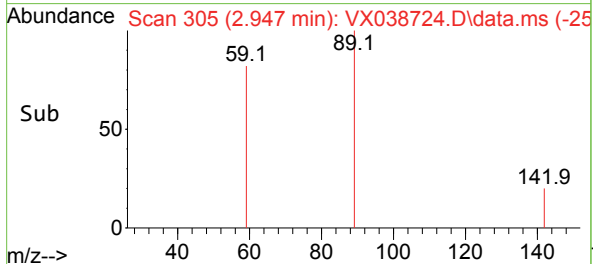
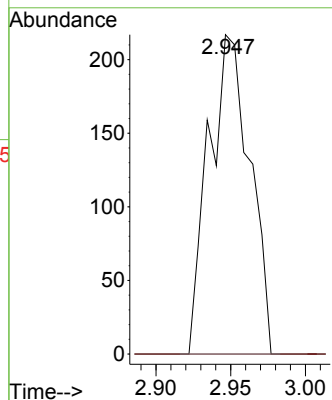
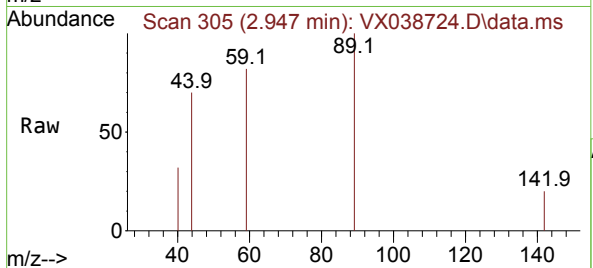
ClientSampleId :

Tgt Ion: 59 Resp: 415

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.598 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038724.D

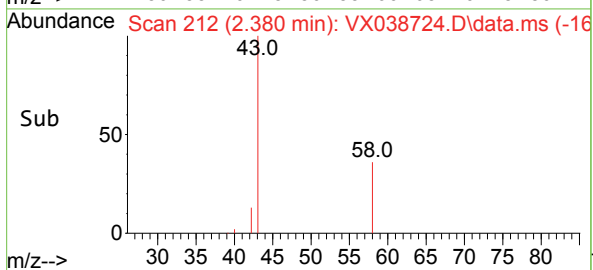
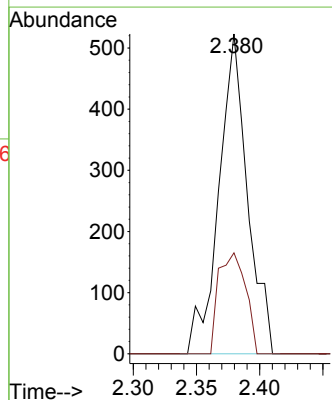
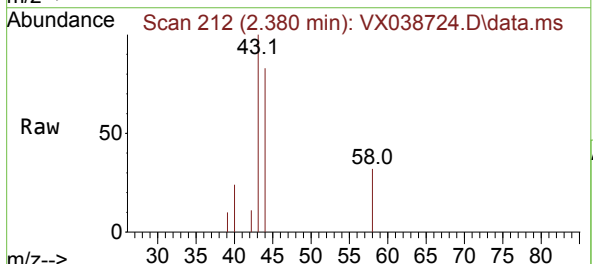
Acq: 10 Nov 2023 13:29

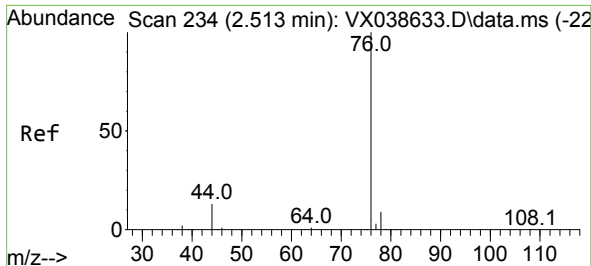
Tgt Ion: 43 Resp: 822

Ion Ratio Lower Upper

43 100

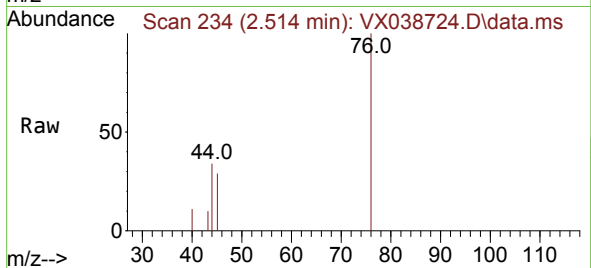
58 31.5 21.9 32.9



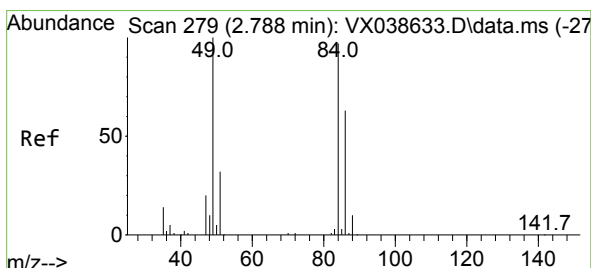
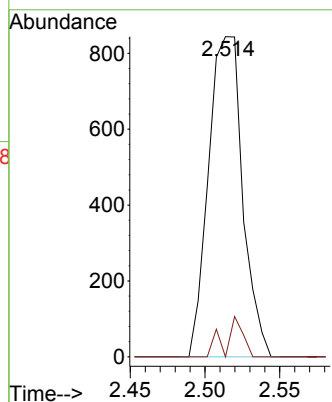
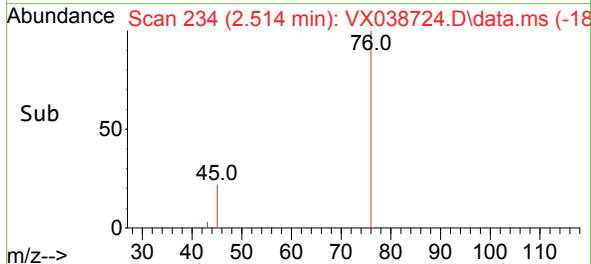


#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

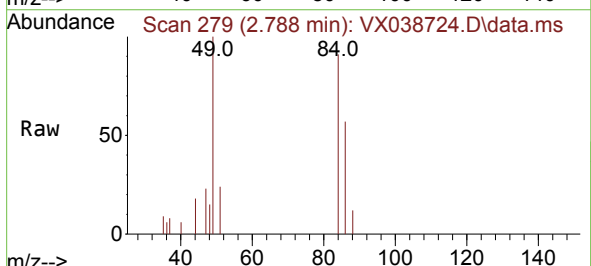
Instrument :
MSVOA_X
ClientSampleId :



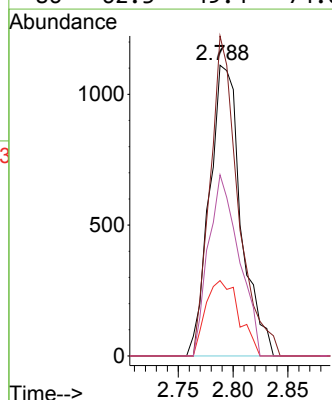
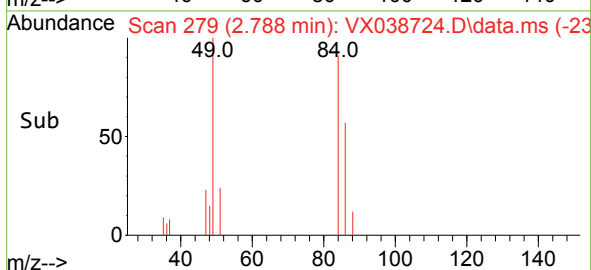
Tgt Ion: 76 Resp: 1342
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

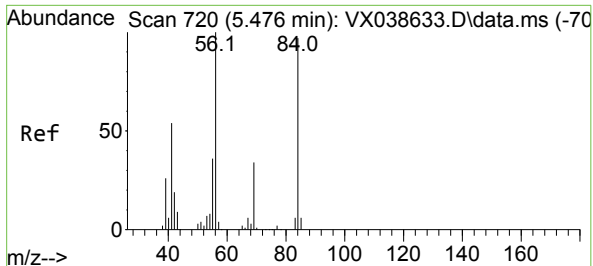


#20
Methylene Chloride
Concen: 0.803 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29



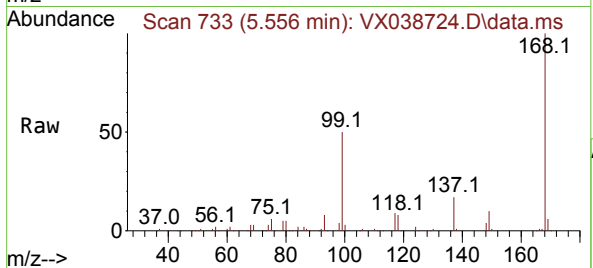
Tgt Ion: 84 Resp: 2223
Ion Ratio Lower Upper
84 100
49 110.1 103.6 155.4
51 25.9 33.8 50.6#
86 62.3 49.4 74.0



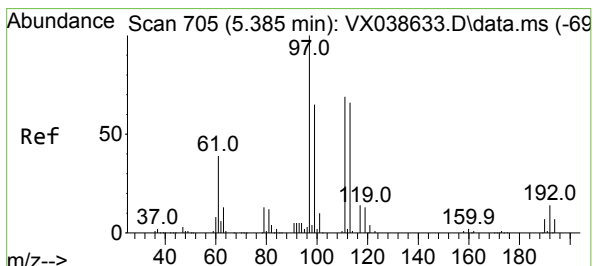
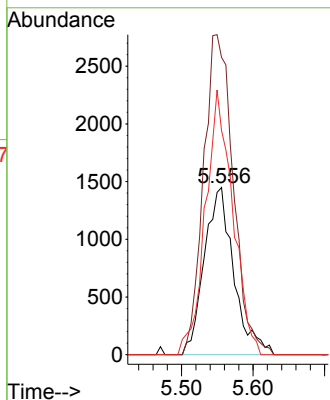
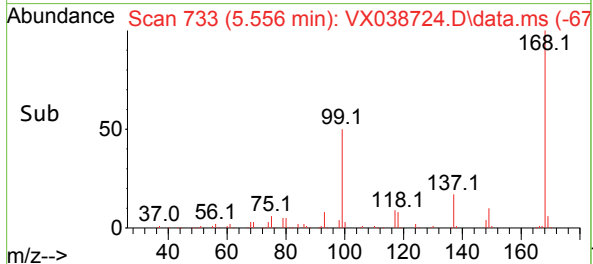


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :

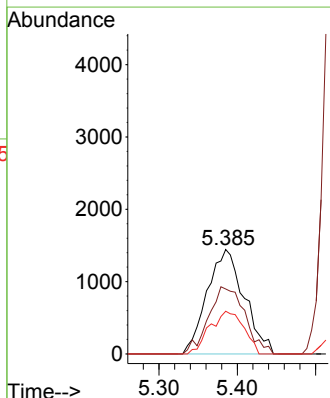
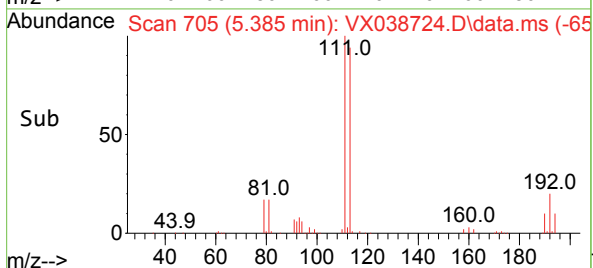
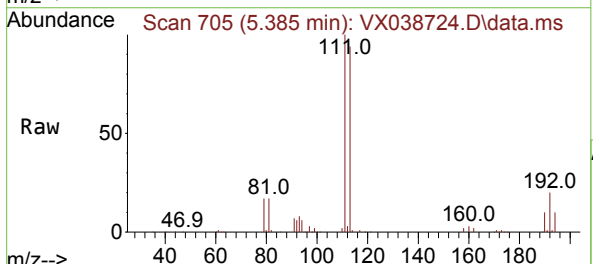


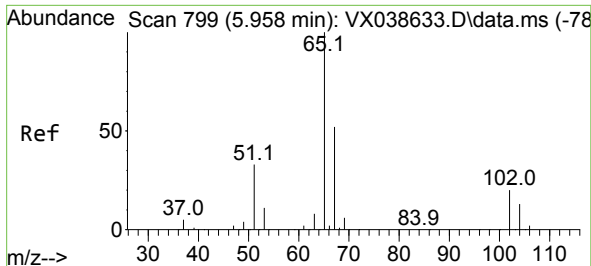
Tgt Ion: 56 Resp: 4146
Ion Ratio Lower Upper
56 100
69 177.8 23.4 35.2#
84 134.0 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 1.052 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Tgt Ion: 97 Resp: 4743
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 37.4 36.4 54.6

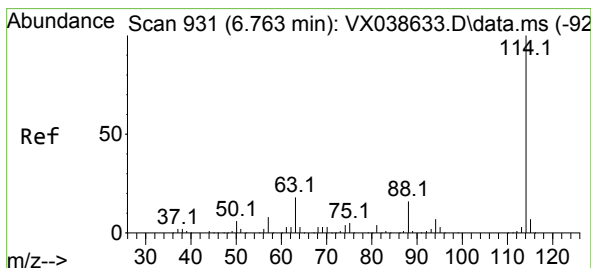
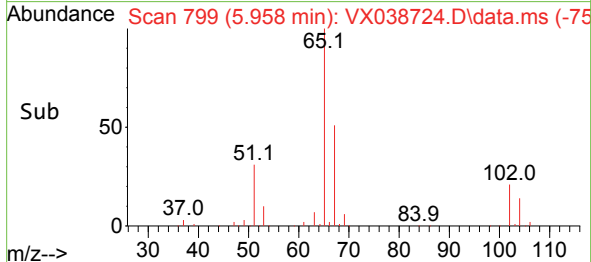
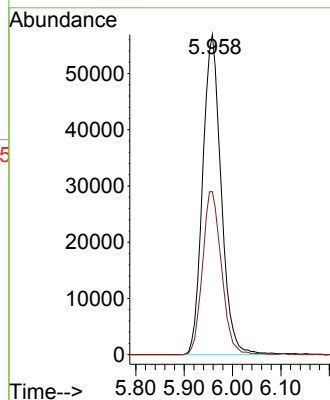
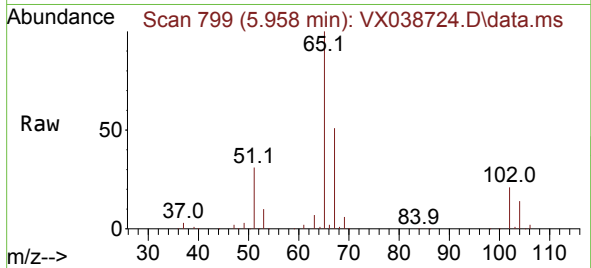




#33
1,2-Dichloroethane-d4
Concen: 46.264 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

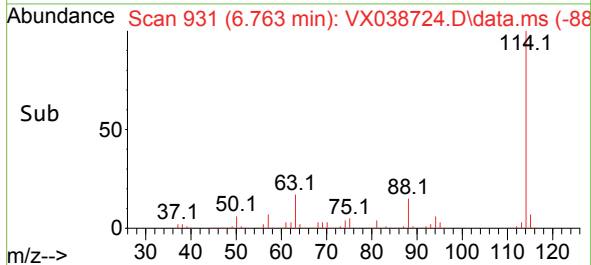
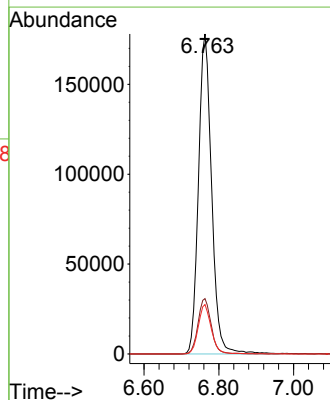
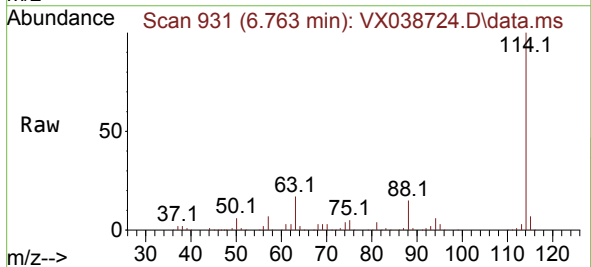
Instrument :
MSVOA_X
ClientSampleId :

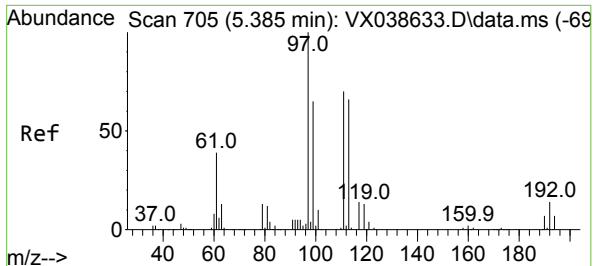
Tgt Ion: 65 Resp: 150909
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

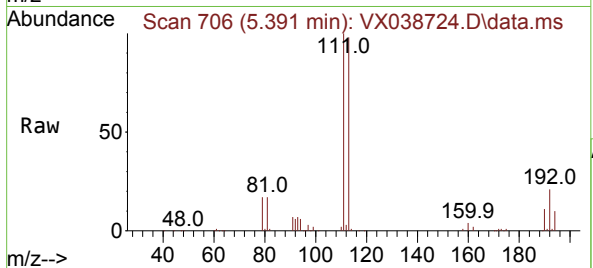
Tgt Ion:114 Resp: 434758
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 15.5 0.0 36.6



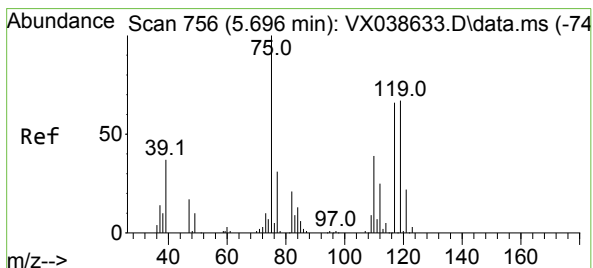
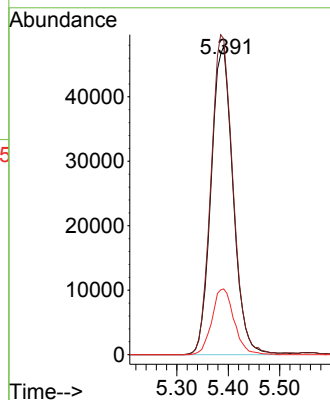
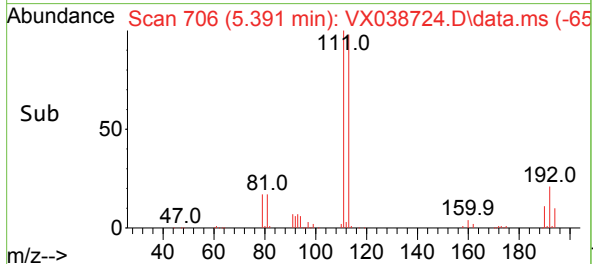


#35
Dibromofluoromethane
Concen: 45.273 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

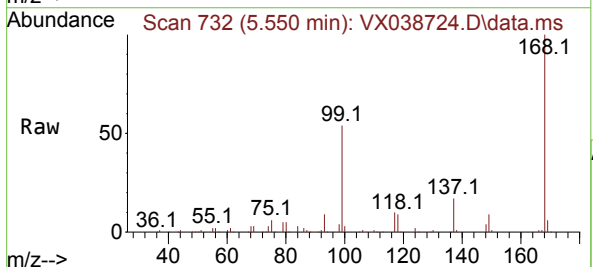
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MSVOA_X
ClientSampleId :



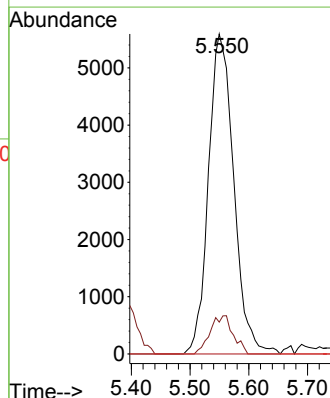
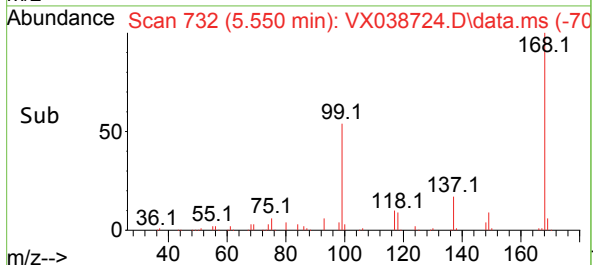
Tgt Ion:113 Resp: 141760
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 21.6 13.3 19.9#

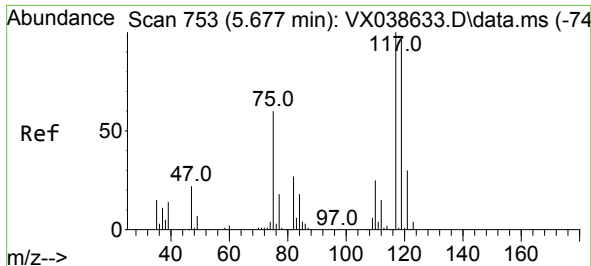


#36
1,1-Dichloropropene
Concen: 4.300 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29



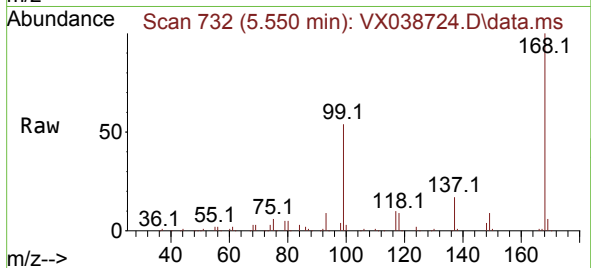
Tgt Ion: 75 Resp: 16727
Ion Ratio Lower Upper
75 100
110 10.9 17.0 50.9#
77 0.0 24.7 37.1#



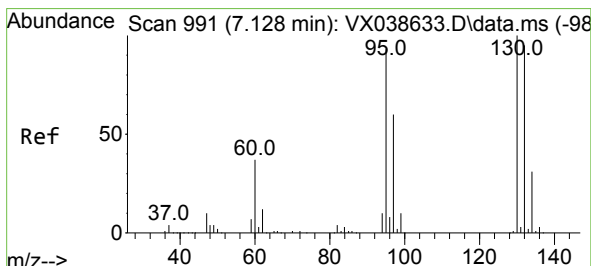
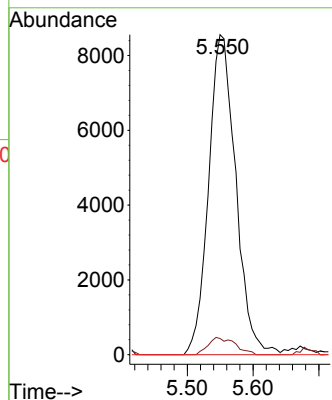
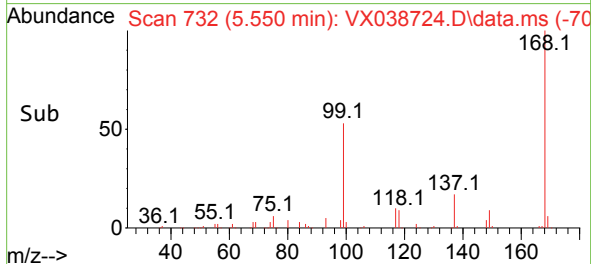


#38
Carbon Tetrachloride
Concen: 5.651 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :

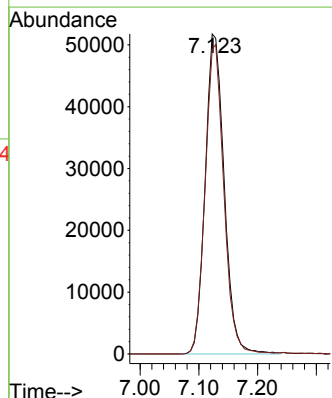
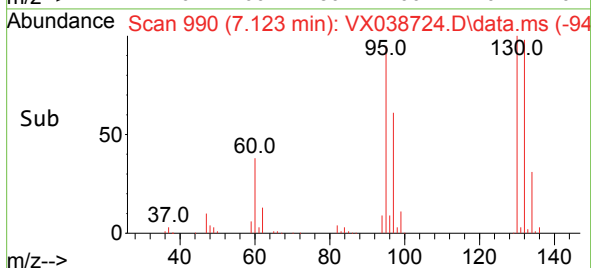
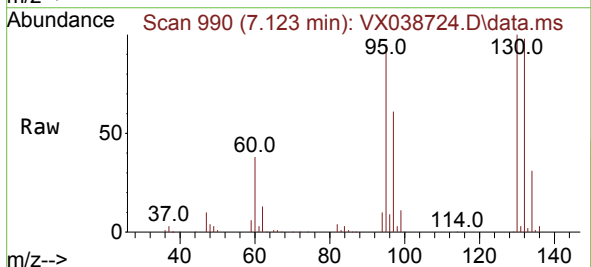


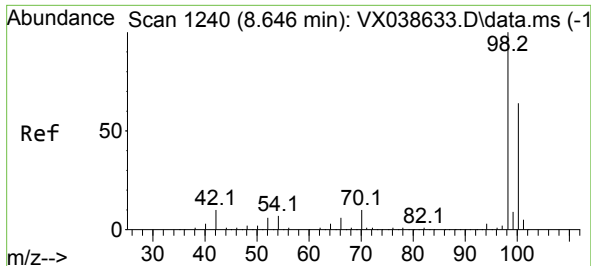
Tgt Ion:117 Resp: 24571
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 33.337 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Tgt Ion:130 Resp: 116207
Ion Ratio Lower Upper
130 100
95 95.1 0.0 204.4

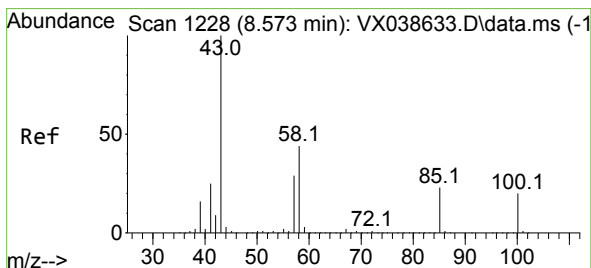
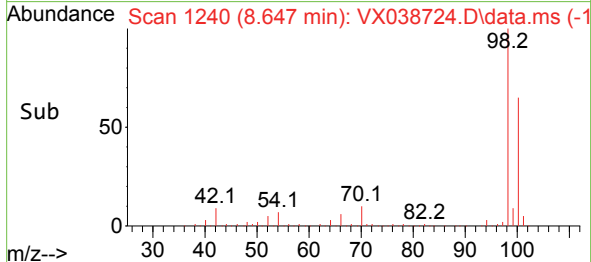
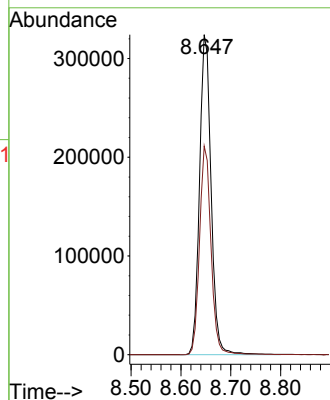
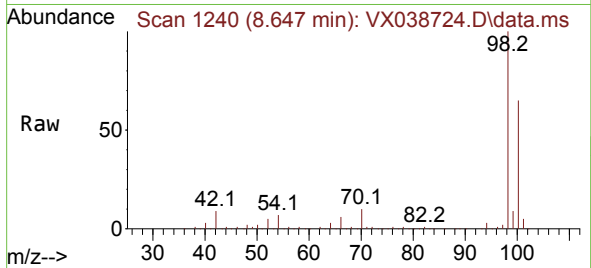




#50
Toluene-d8
Concen: 46.485 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

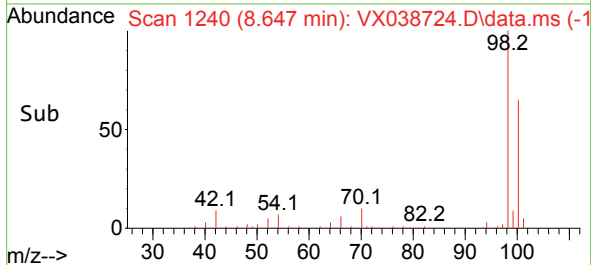
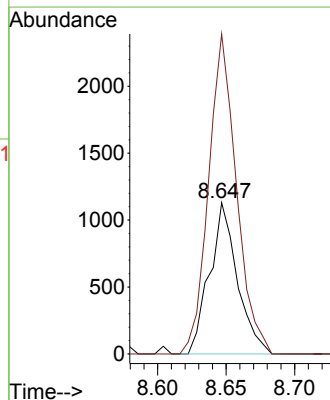
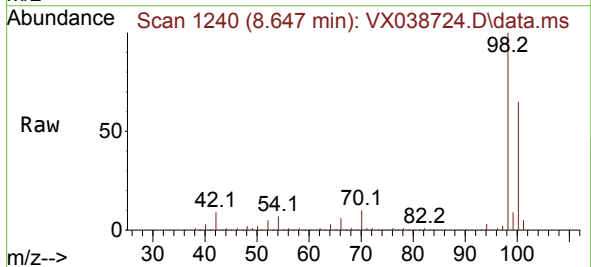
Instrument :
MSVOA_X
ClientSampleId :

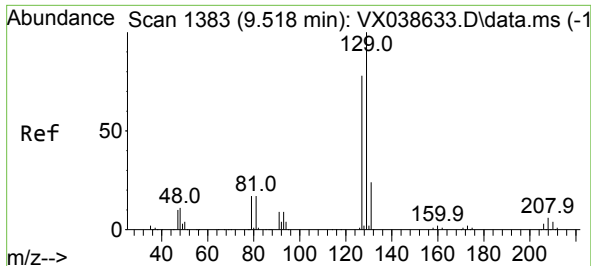
Tgt Ion: 98 Resp: 520859
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.400 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Tgt Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
58 212.6 30.4 45.6#

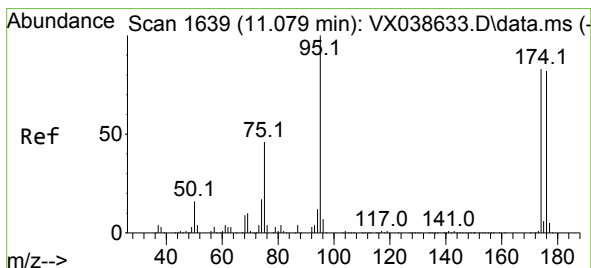
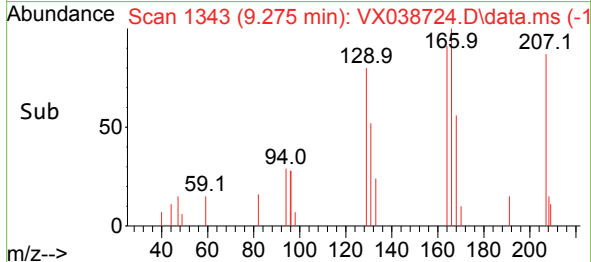
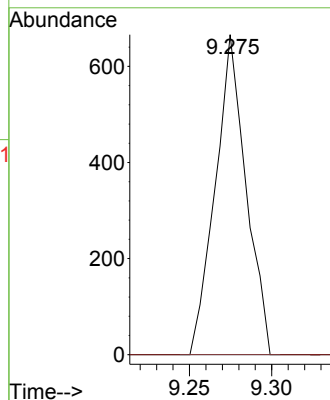
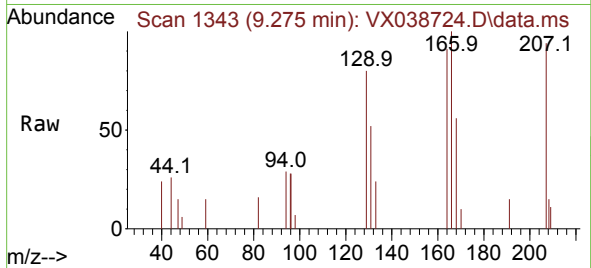




#60
Dibromochloromethane
Concen: 0.248 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

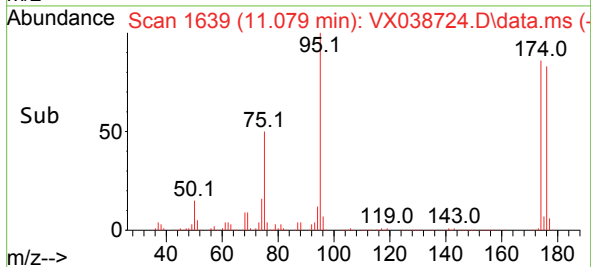
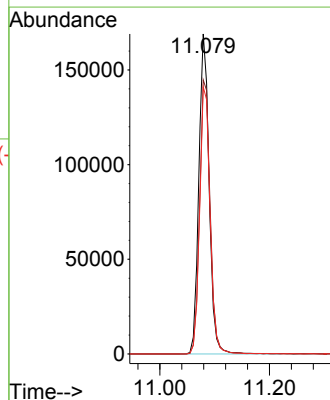
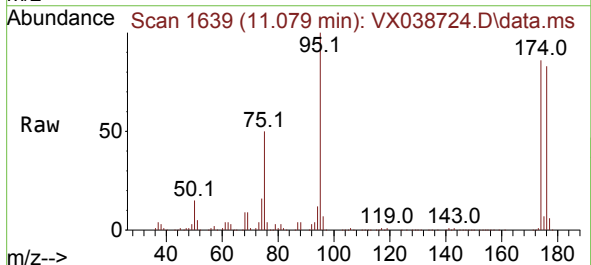
Instrument :
MSVOA_X
ClientSampleId :

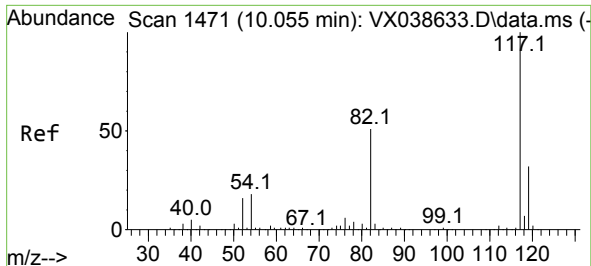
Tgt Ion:129 Resp: 867
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 50.936 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Tgt Ion: 95 Resp: 221278
Ion Ratio Lower Upper
95 100
174 88.2 0.0 135.6
176 84.7 0.0 131.0

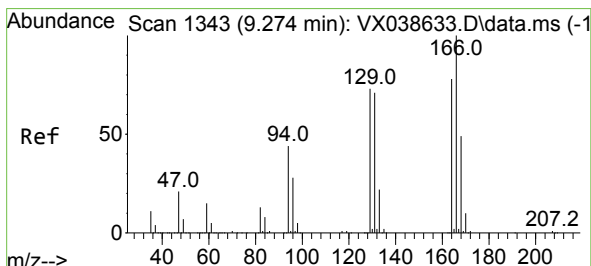
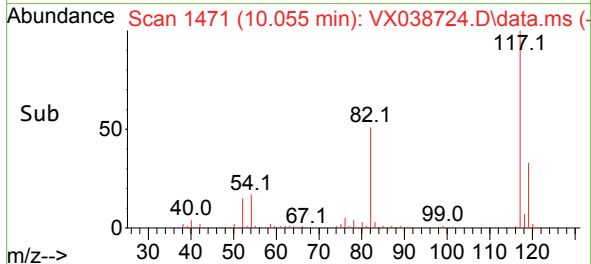
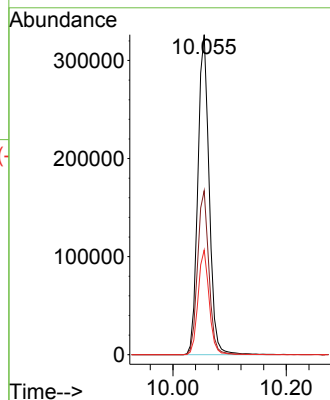
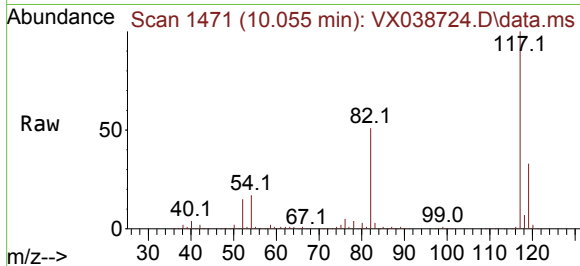




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

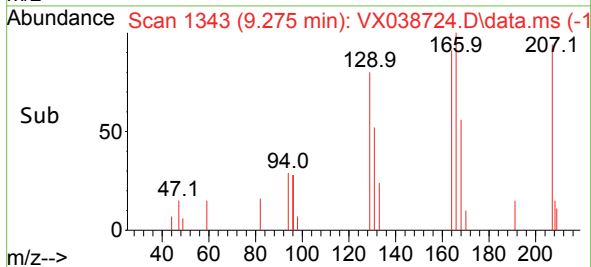
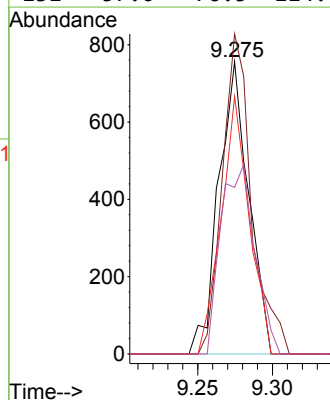
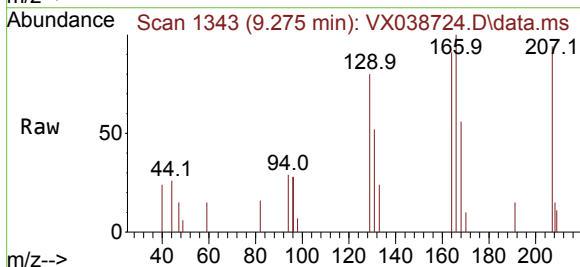
Instrument :
MSVOA_X
ClientSampleId :

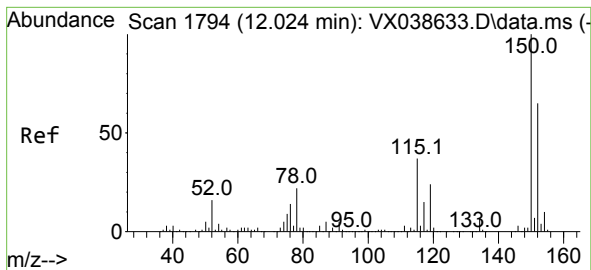
Tgt Ion:117 Resp: 451592
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.312 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038724.D
Acq: 10 Nov 2023 13:29

Tgt Ion:164 Resp: 1054
Ion Ratio Lower Upper
164 100
166 109.5 102.7 154.1
129 88.1 80.4 120.6
131 57.0 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038724.D

Acq: 10 Nov 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

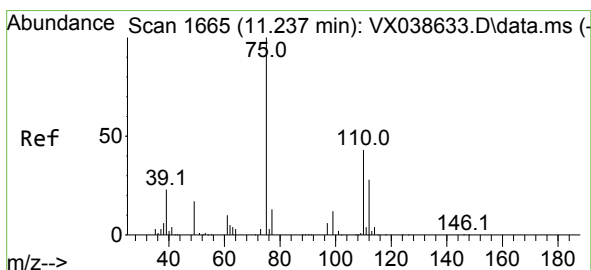
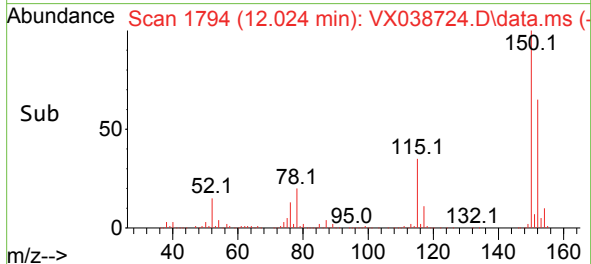
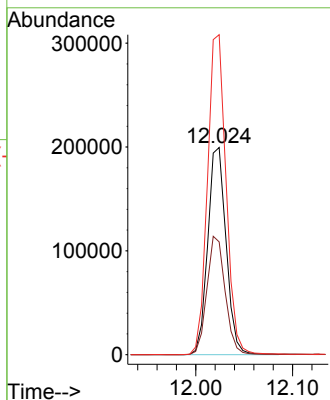
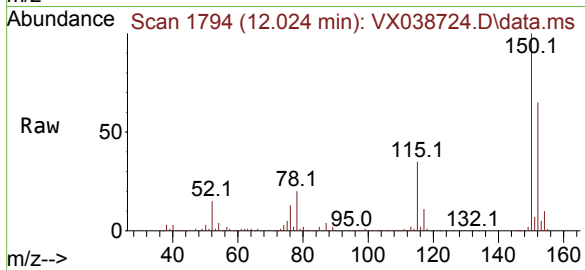
Tgt Ion:152 Resp: 263709

Ion Ratio Lower Upper

152 100

115 57.0 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.423 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038724.D

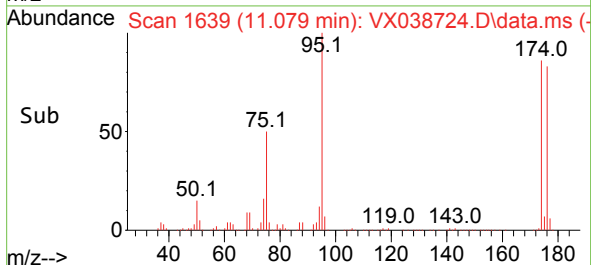
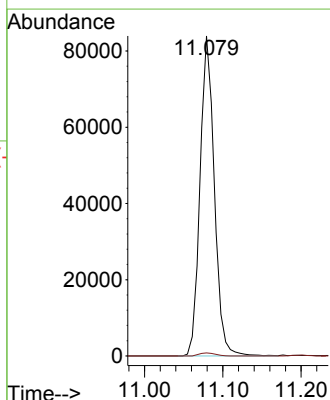
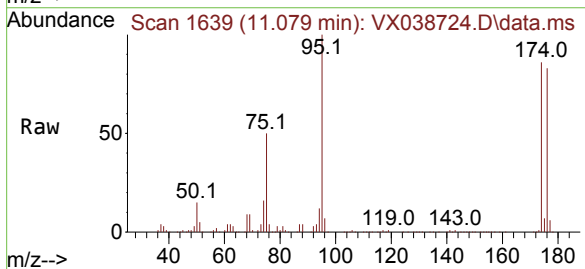
Acq: 10 Nov 2023 13:29

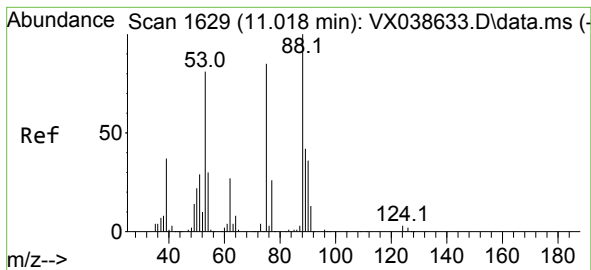
Tgt Ion: 75 Resp: 106665

Ion Ratio Lower Upper

75 100

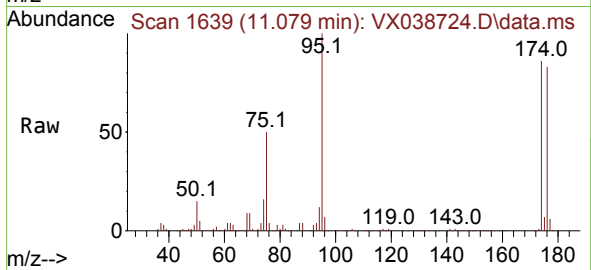
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.274 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038724.D
 Acq: 10 Nov 2023 13:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 106665
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

