

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038660.D
 Acq On : 08 Nov 2023 16:50
 Operator : JC/MD
 Sample : 05223-20RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 01:21:21 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)

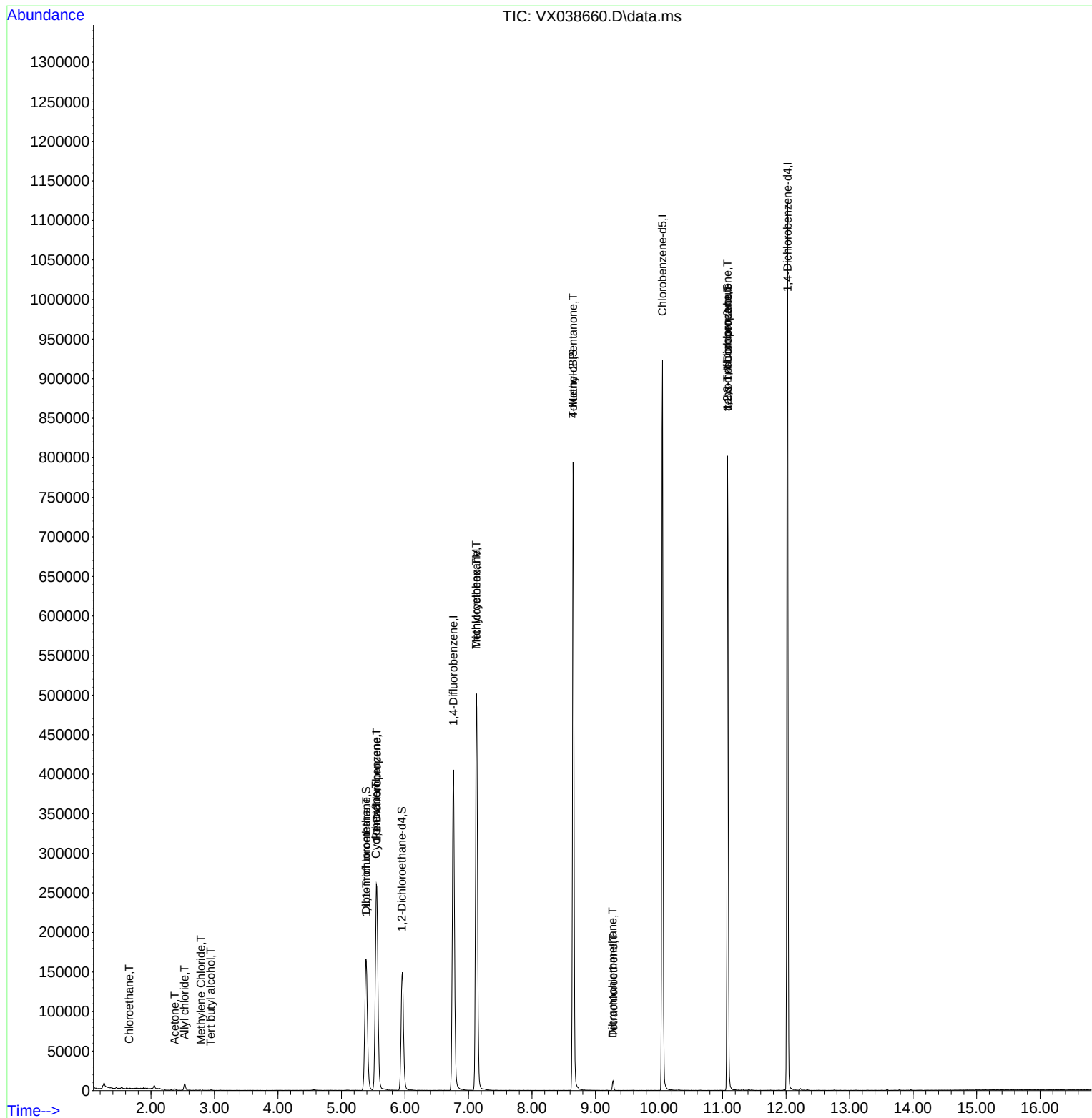
Internal Standards						
1) Pentafluorobenzene	5.550	168	267806	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	447408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150821	45.236	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.480%
35) Dibromofluoromethane	5.385	113	141464	43.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.800%
50) Toluene-d8	8.647	98	505113	43.805	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.620%#
62) 4-Bromofluorobenzene	11.079	95	215679	48.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.480%
Target Compounds						
						Qvalue
6) Chloroethane	1.654	64	441	0.272	ug/l	# 43
11) Tert butyl alcohol	2.940	59	470	0.690	ug/l	# 78
14) Allyl chloride	2.526	41	936	0.261	ug/l	# 69
16) Acetone	2.373	43	1792	1.276	ug/l	# 65
20) Methylene Chloride	2.788	84	942	0.333	ug/l	# 77
31) Cyclohexane	5.544	56	4749	1.287	ug/l	# 1
32) 1,1,1-Trichloroethane	5.391	97	7253	1.574	ug/l	96
36) 1,1-Dichloropropene	5.556	75	17616	4.401	ug/l	# 51
39) Methylcyclohexane	7.123	83	2303	0.460	ug/l	# 1
44) Trichloroethene	7.123	130	209776	58.479	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1887	0.461	ug/l	# 1
60) Dibromochloromethane	9.269	129	2086	0.580	ug/l	# 11
64) Tetrachloroethene	9.281	164	2333	0.680	ug/l	# 75
76) 1,2,3-Trichloropropane	11.079	75	104658	20.529	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	104658	62.560	ug/l	# 5

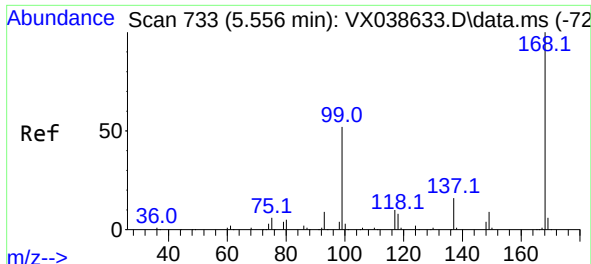
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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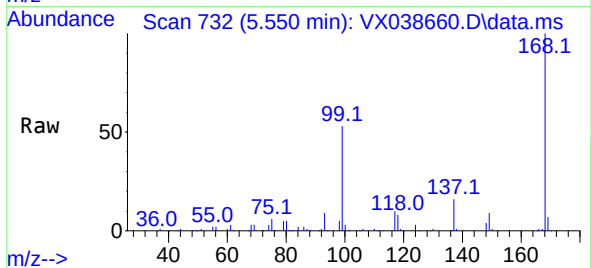
Quant Time: Nov 09 01:21:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



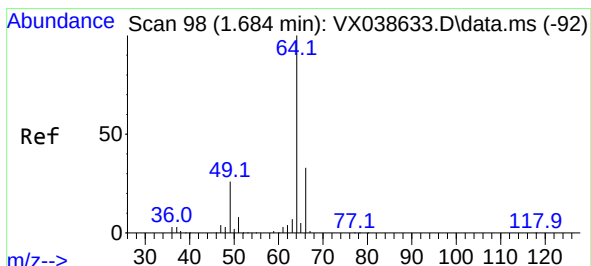
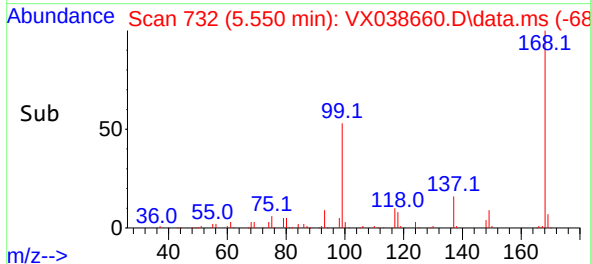
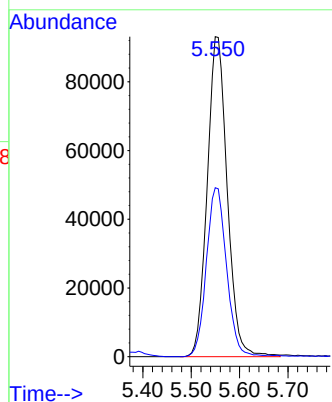


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :

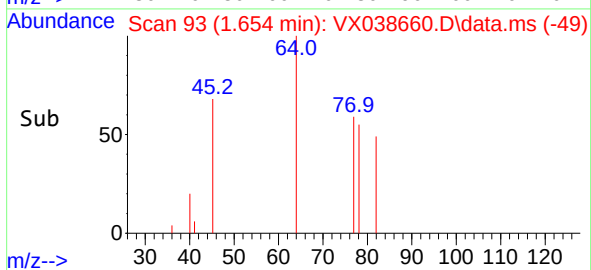
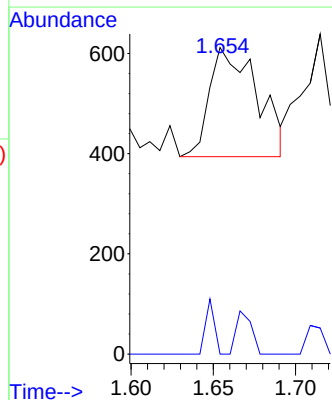
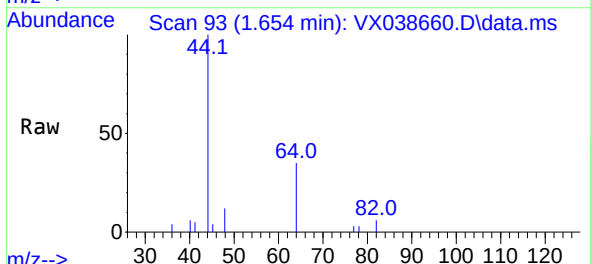


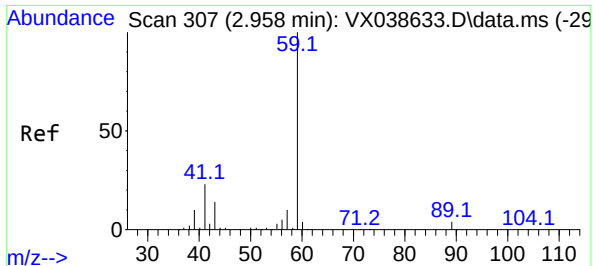
Tgt Ion:168 Resp: 267806
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#6
Chloroethane
Concen: 0.272 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.030 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

Tgt Ion: 64 Resp: 441
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.690 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX038660.D

Acq: 08 Nov 2023 16:50

Instrument :

MSVOA_X

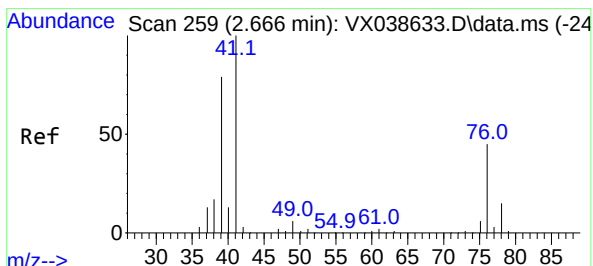
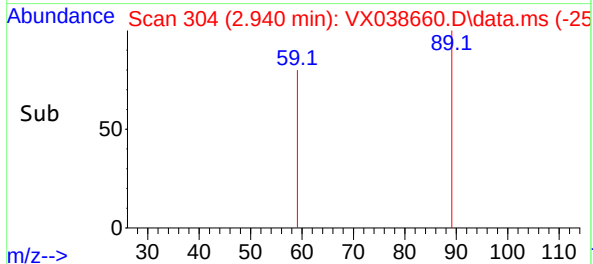
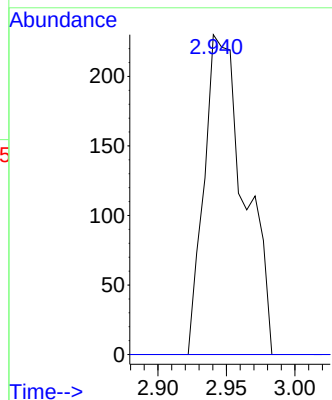
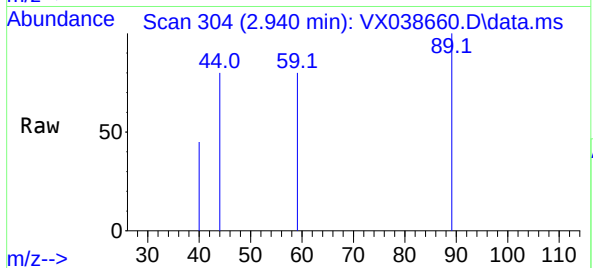
ClientSampleId :

Tgt Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.261 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX038660.D

Acq: 08 Nov 2023 16:50

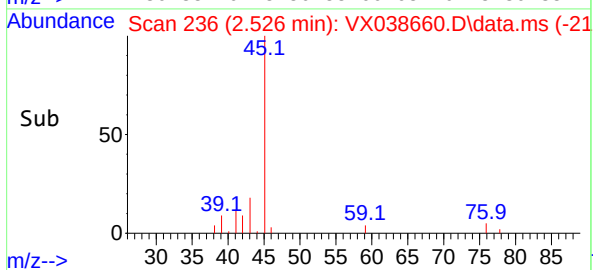
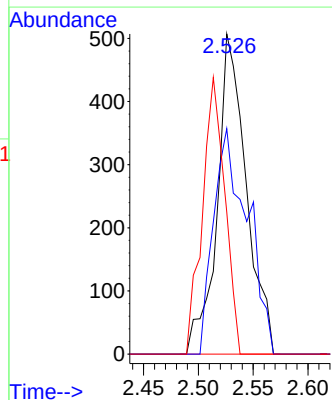
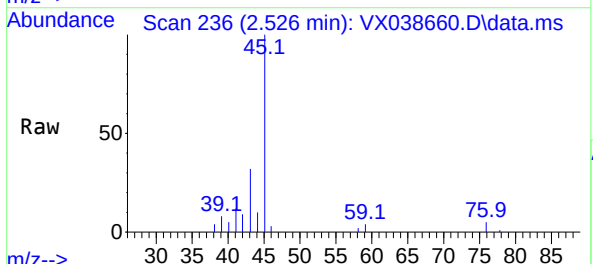
Tgt Ion: 41 Resp: 936

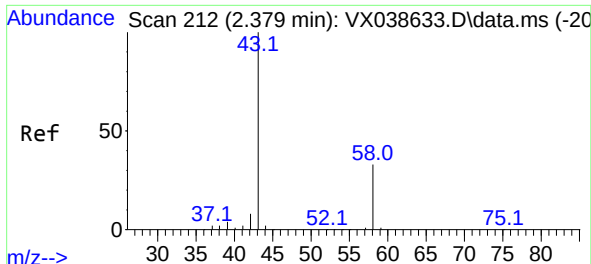
Ion Ratio Lower Upper

41 100

39 82.1 55.8 83.6

76 66.7 24.3 36.5#

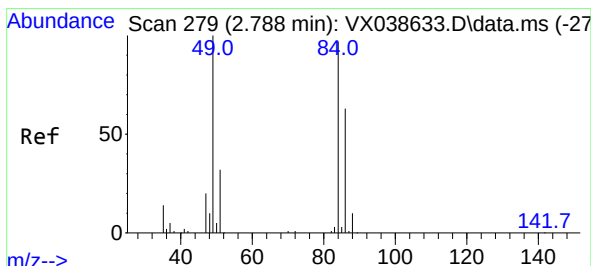
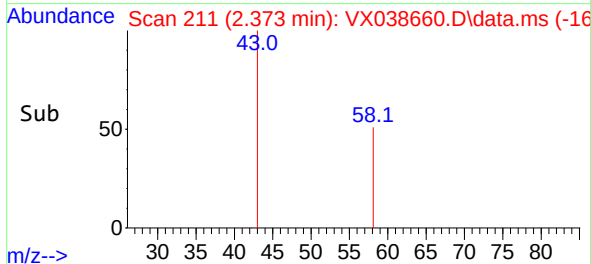
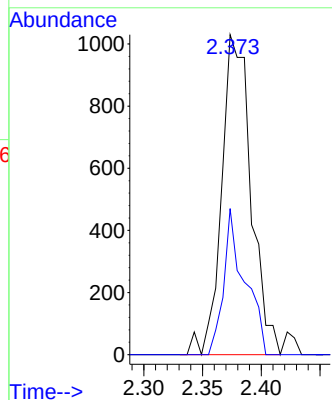
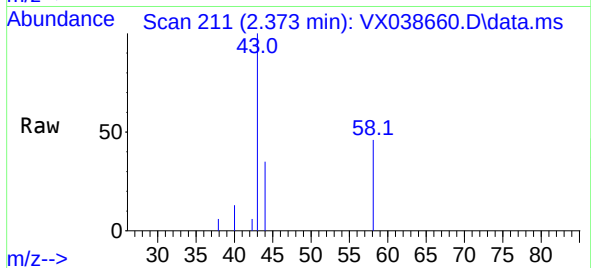




#16
Acetone
Concen: 1.276 ug/l
RT: 2.373 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

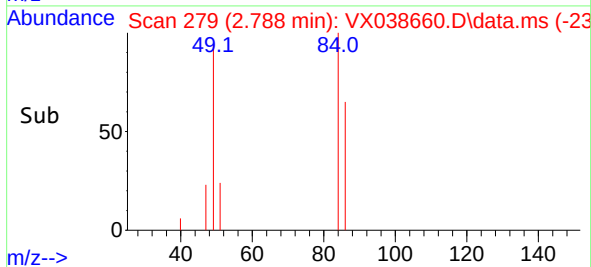
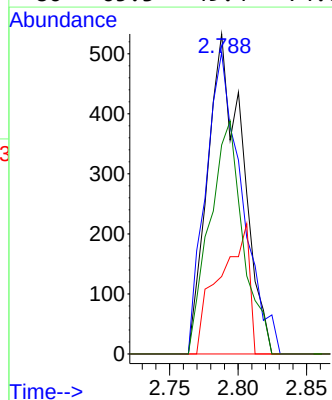
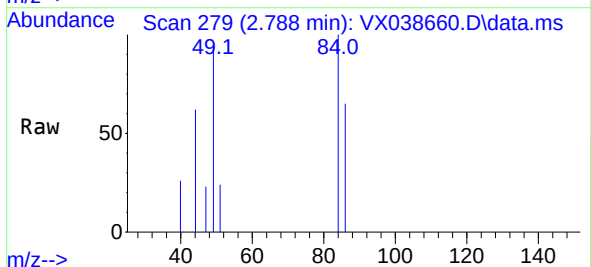
Instrument :
MSVOA_X
ClientSampleId :

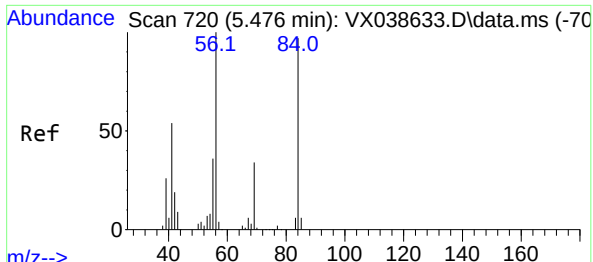
Tgt Ion: 43 Resp: 1792
Ion Ratio Lower Upper
43 100
58 45.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

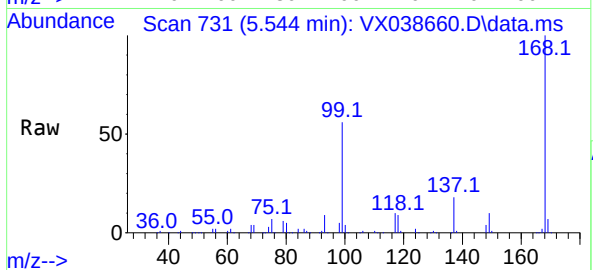
Tgt Ion: 84 Resp: 942
Ion Ratio Lower Upper
84 100
49 94.2 103.6 155.4#
51 24.2 33.8 50.6#
86 65.3 49.4 74.0



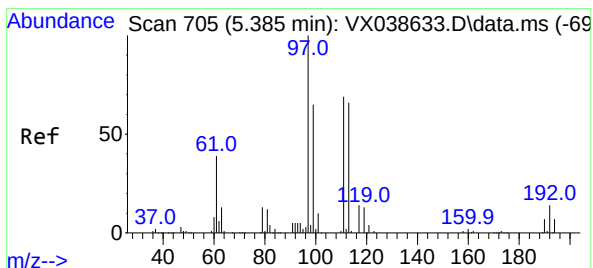
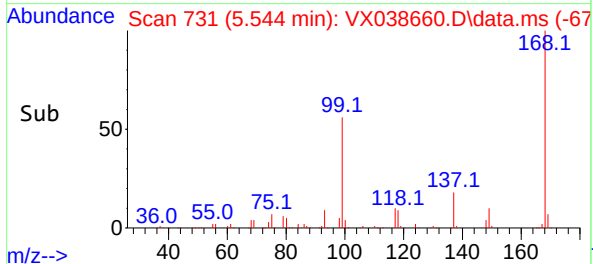
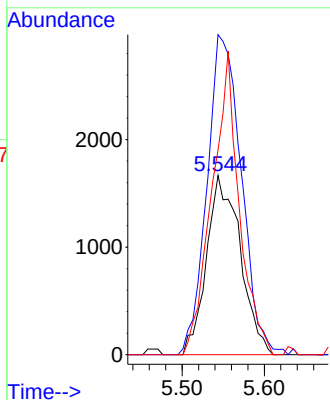


#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :

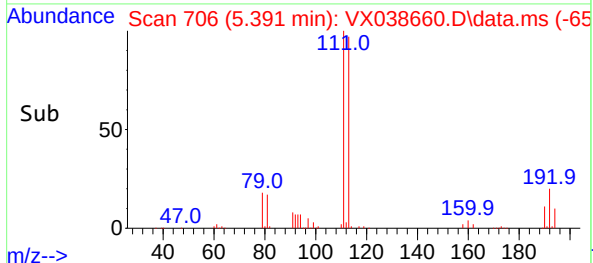
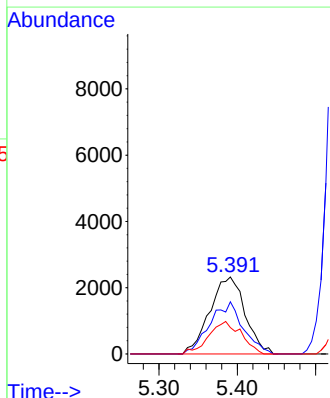
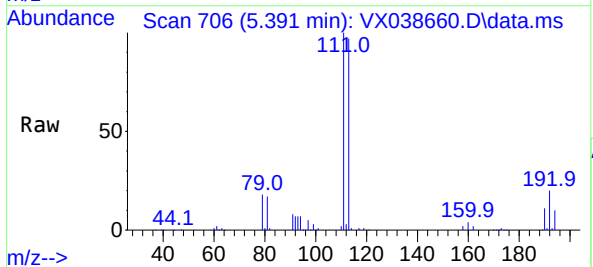


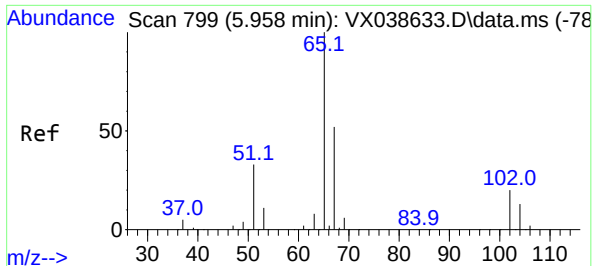
Tgt Ion: 56 Resp: 4749
Ion Ratio Lower Upper
56 100
69 178.5 23.4 35.2#
84 114.2 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 1.574 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

Tgt Ion: 97 Resp: 7253
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 39.0 36.4 54.6

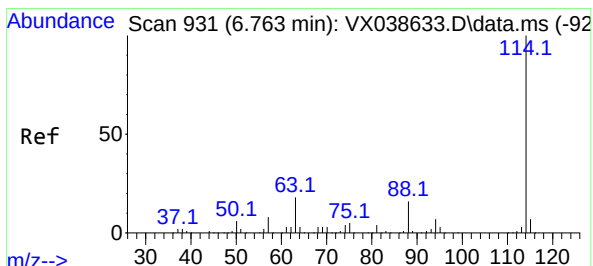
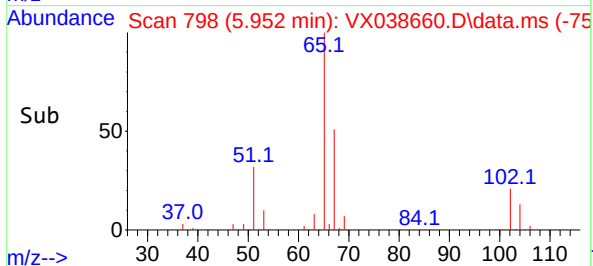
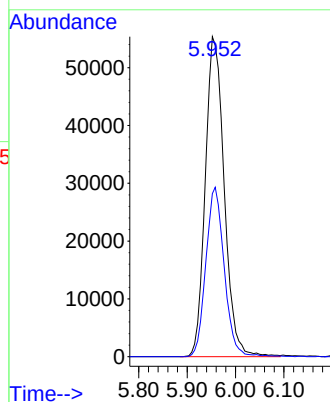
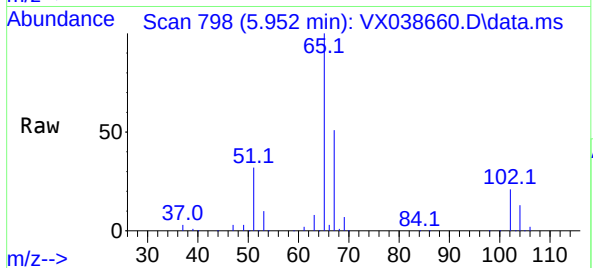




#33
1,2-Dichloroethane-d4
Concen: 45.236 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

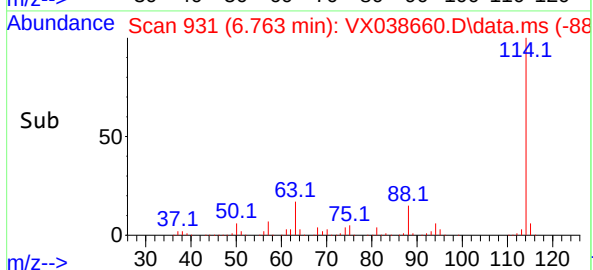
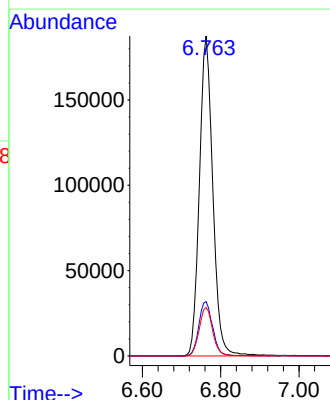
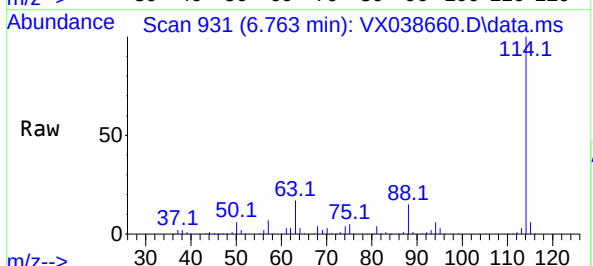
Instrument :
MSVOA_X
ClientSampleId :

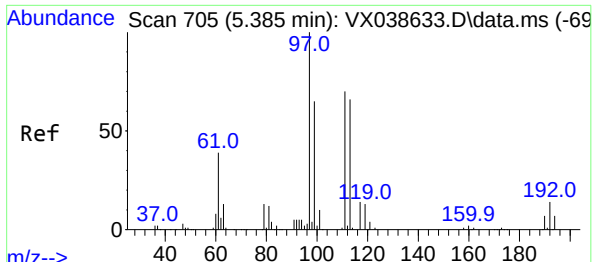
Tgt Ion: 65 Resp: 150821
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

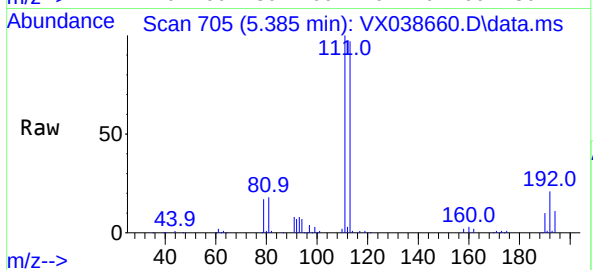
Tgt Ion:114 Resp: 447408
Ion Ratio Lower Upper
114 100
63 17.0 0.0 45.0
88 15.1 0.0 36.6



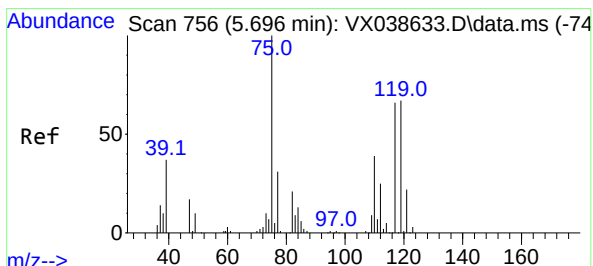
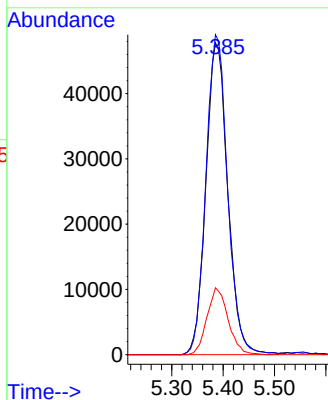
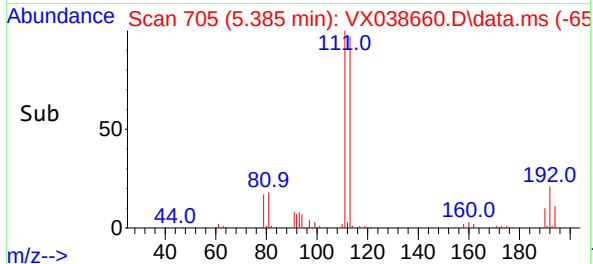


#35
Dibromofluoromethane
Concen: 43.901 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

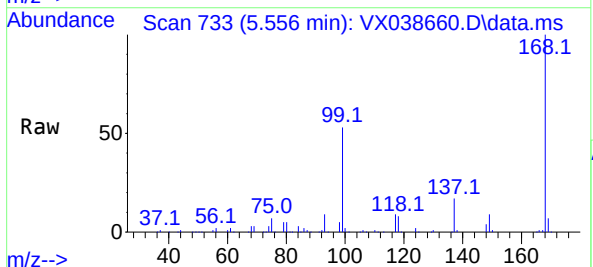
Instrument :
MSVOA_X
ClientSampleId :



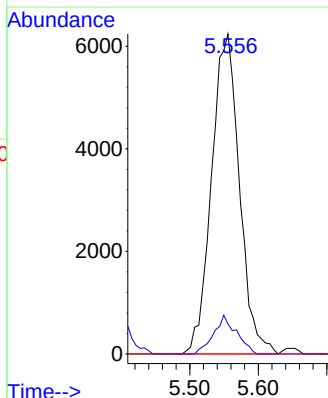
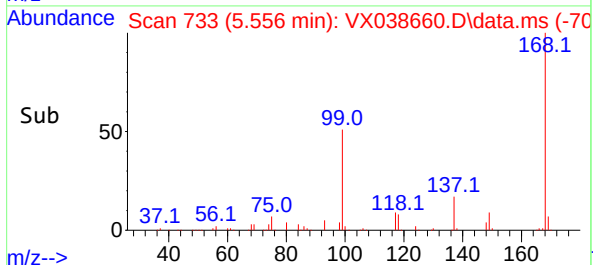
Tgt Ion:113 Resp: 141464
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 20.7 13.3 19.9#

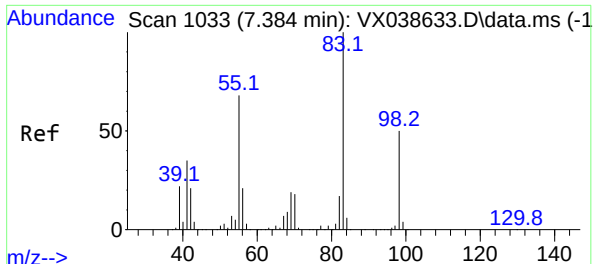


#36
1,1-Dichloropropene
Concen: 4.401 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50



Tgt Ion: 75 Resp: 17616
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.460 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX038660.D

Acq: 08 Nov 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

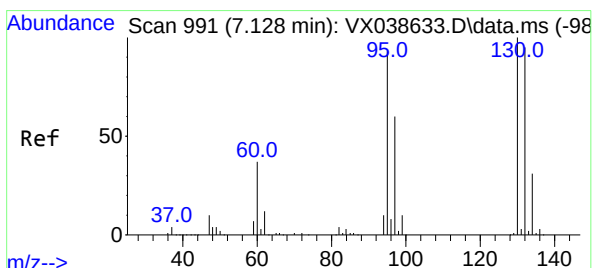
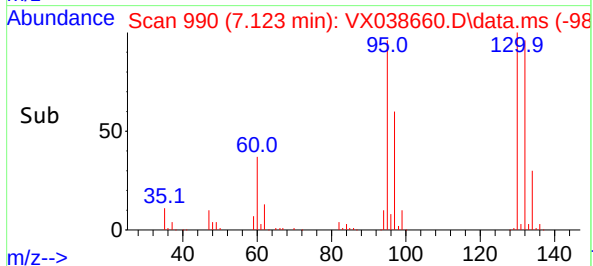
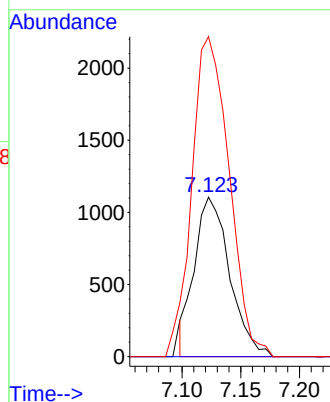
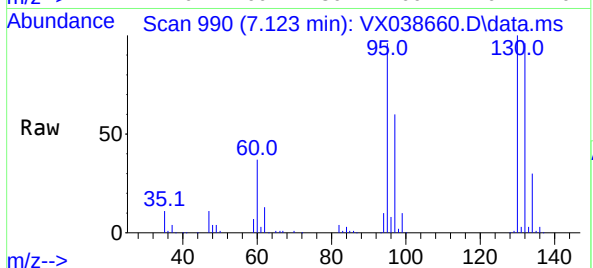
Tgt Ion: 83 Resp: 2303

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 200.5 36.7 55.1#



#44

Trichloroethene

Concen: 58.479 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX038660.D

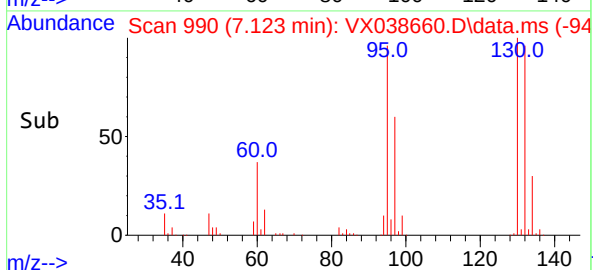
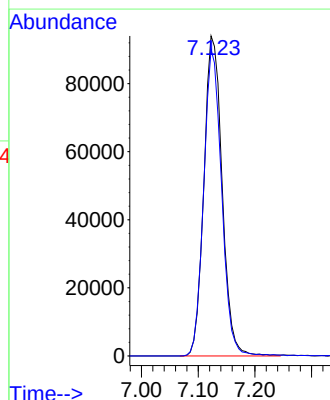
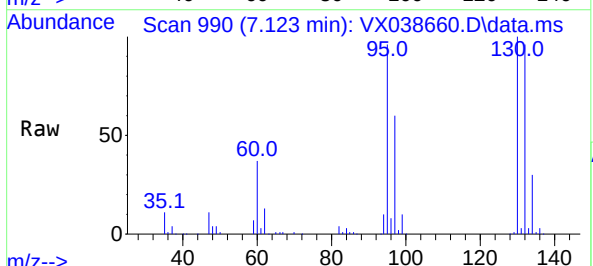
Acq: 08 Nov 2023 16:50

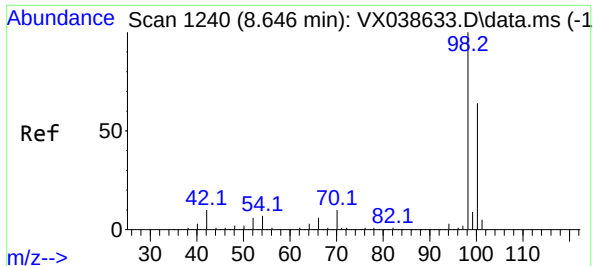
Tgt Ion:130 Resp: 209776

Ion Ratio Lower Upper

130 100

95 95.8 0.0 204.4

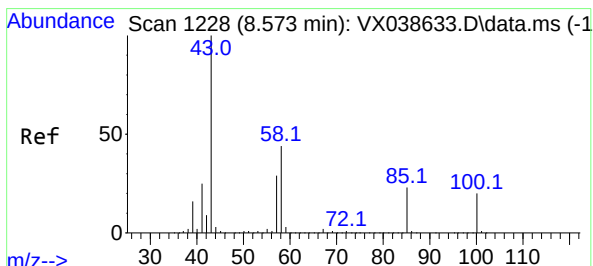
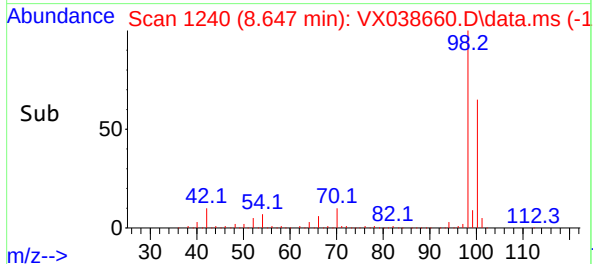
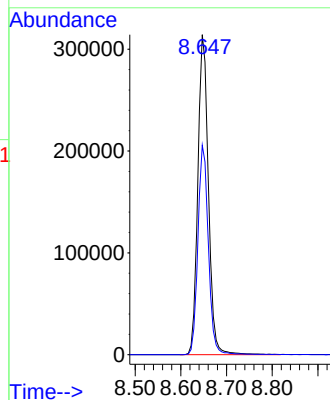
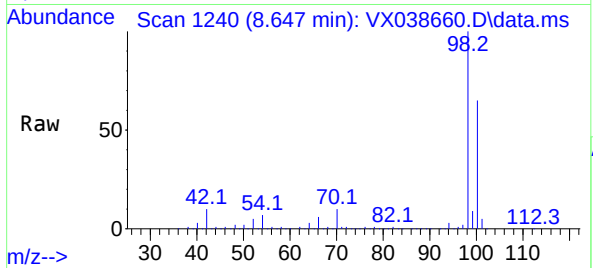




#50
Toluene-d8
Concen: 43.805 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

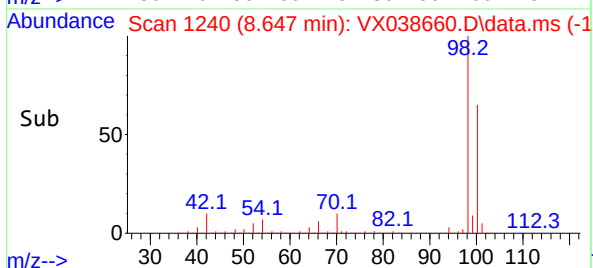
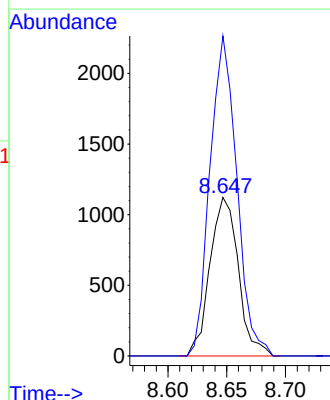
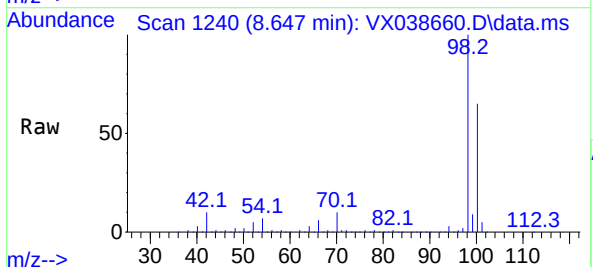
Instrument :
MSVOA_X
ClientSampleId :

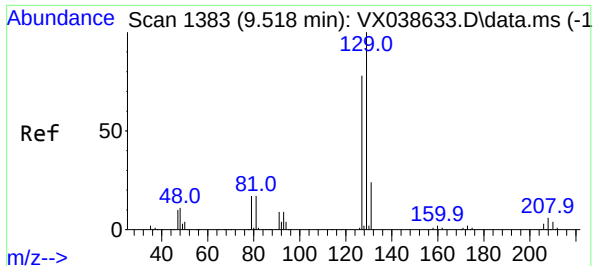
Tgt Ion: 98 Resp: 505113
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
58 190.8 30.4 45.6#

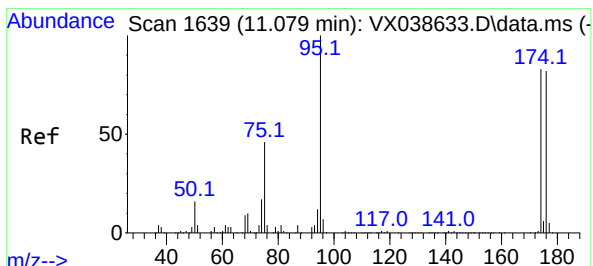
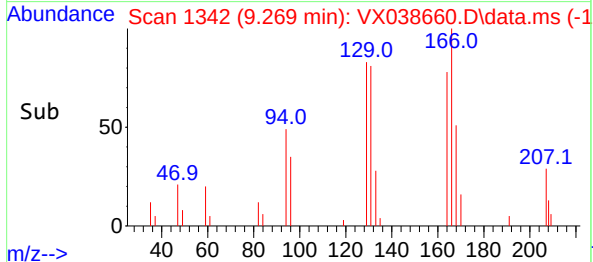
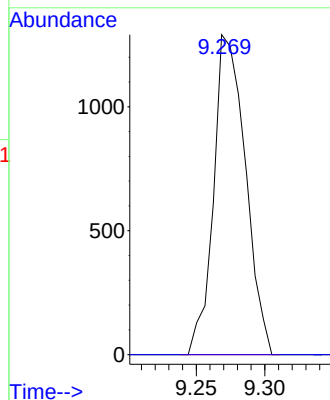
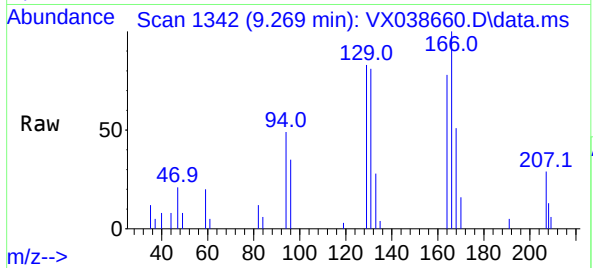




#60
Dibromochloromethane
Concen: 0.580 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

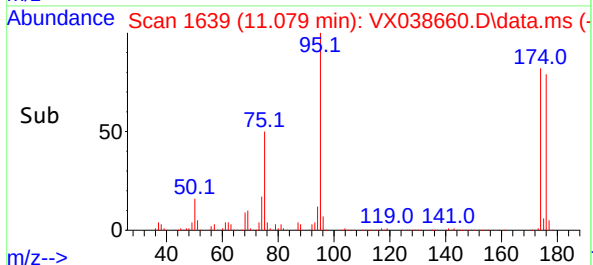
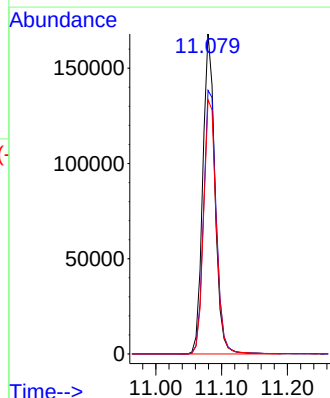
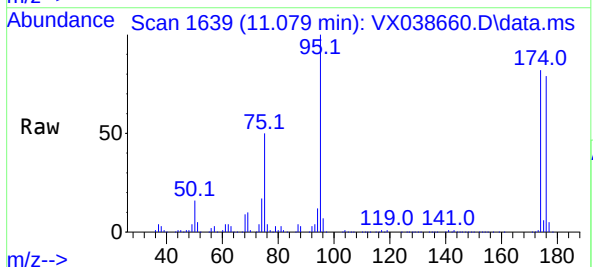
Instrument :
MSVOA_X
ClientSampleId :

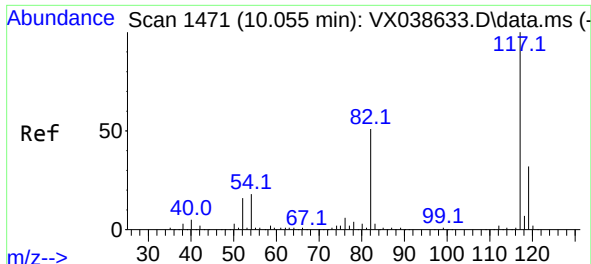
Tgt Ion:129 Resp: 2086
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

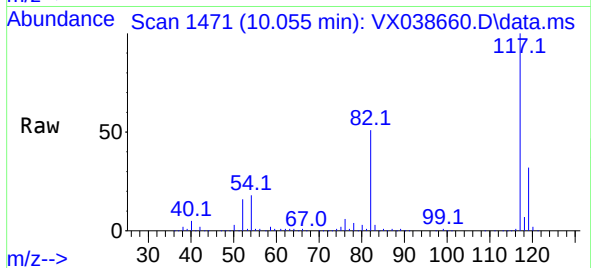
Tgt Ion: 95 Resp: 215679
Ion Ratio Lower Upper
95 100
174 86.3 0.0 135.6
176 82.7 0.0 131.0



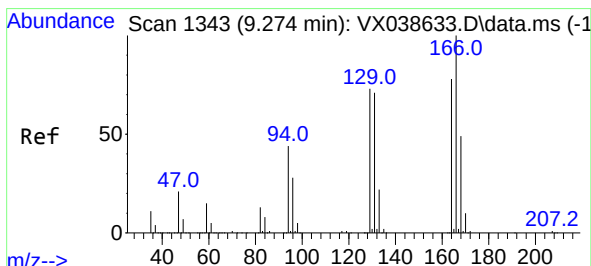
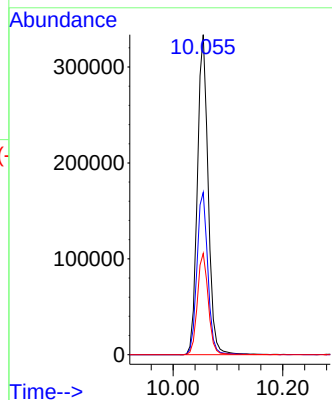
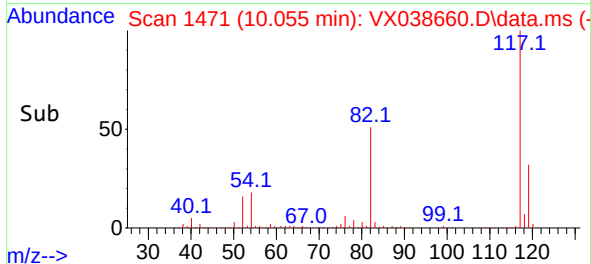


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

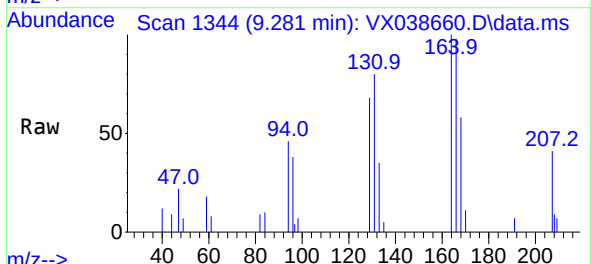
Instrument :
MSVOA_X
ClientSampleId :



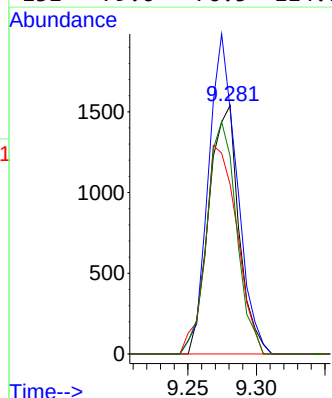
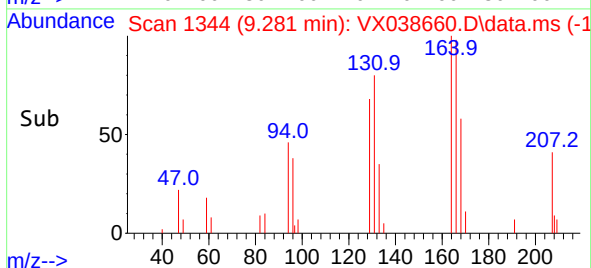
Tgt Ion:117 Resp: 458211
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 31.6 25.5 38.3

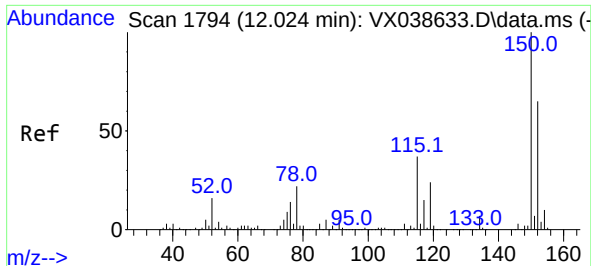


#64
Tetrachloroethene
Concen: 0.680 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50



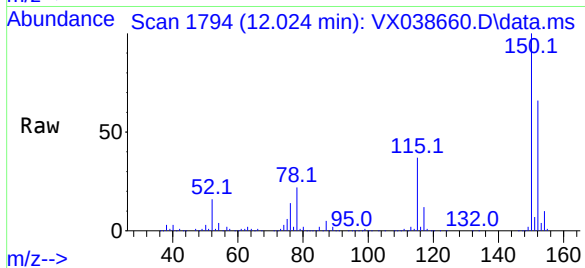
Tgt Ion:164 Resp: 2333
Ion Ratio Lower Upper
164 100
166 98.4 102.7 154.1#
129 68.2 80.4 120.6#
131 79.6 76.5 114.7



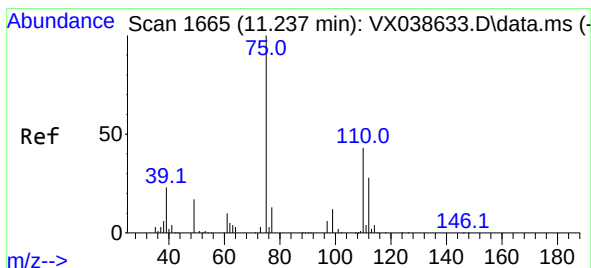
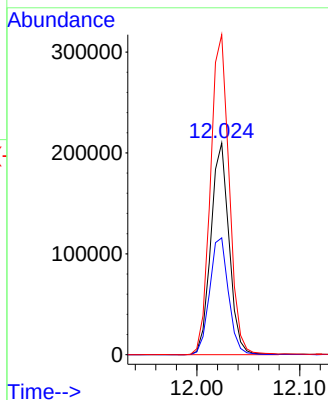
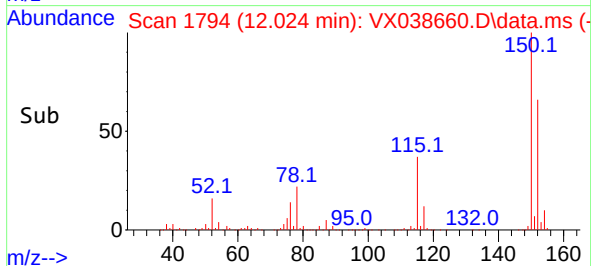


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :

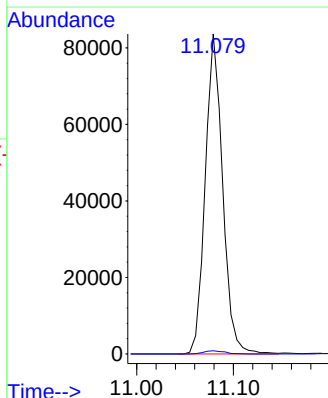
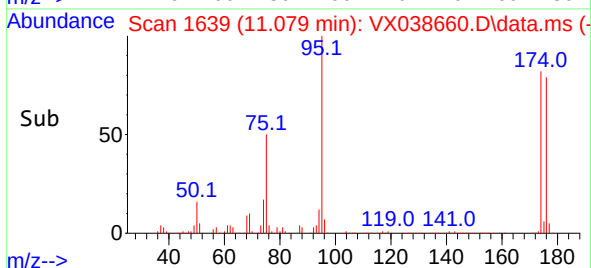
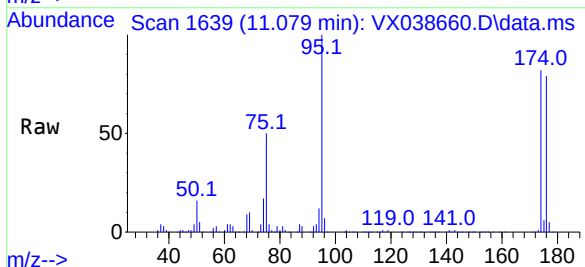


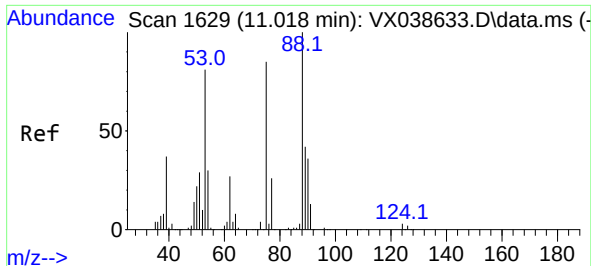
Tgt Ion:152 Resp: 257417
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.9
150 155.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

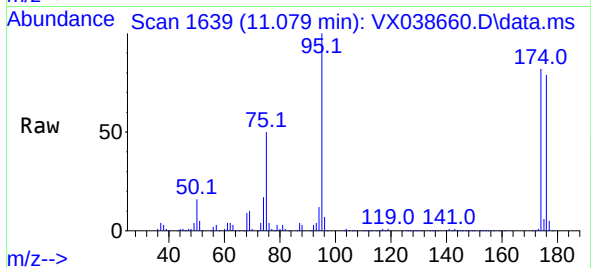
Tgt Ion: 75 Resp: 104658
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.560 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038660.D
Acq: 08 Nov 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 104658
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

