

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038508.D
 Acq On : 26 Oct 2023 09:03
 Operator : JC/MD
 Sample : 05065-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 13:38:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

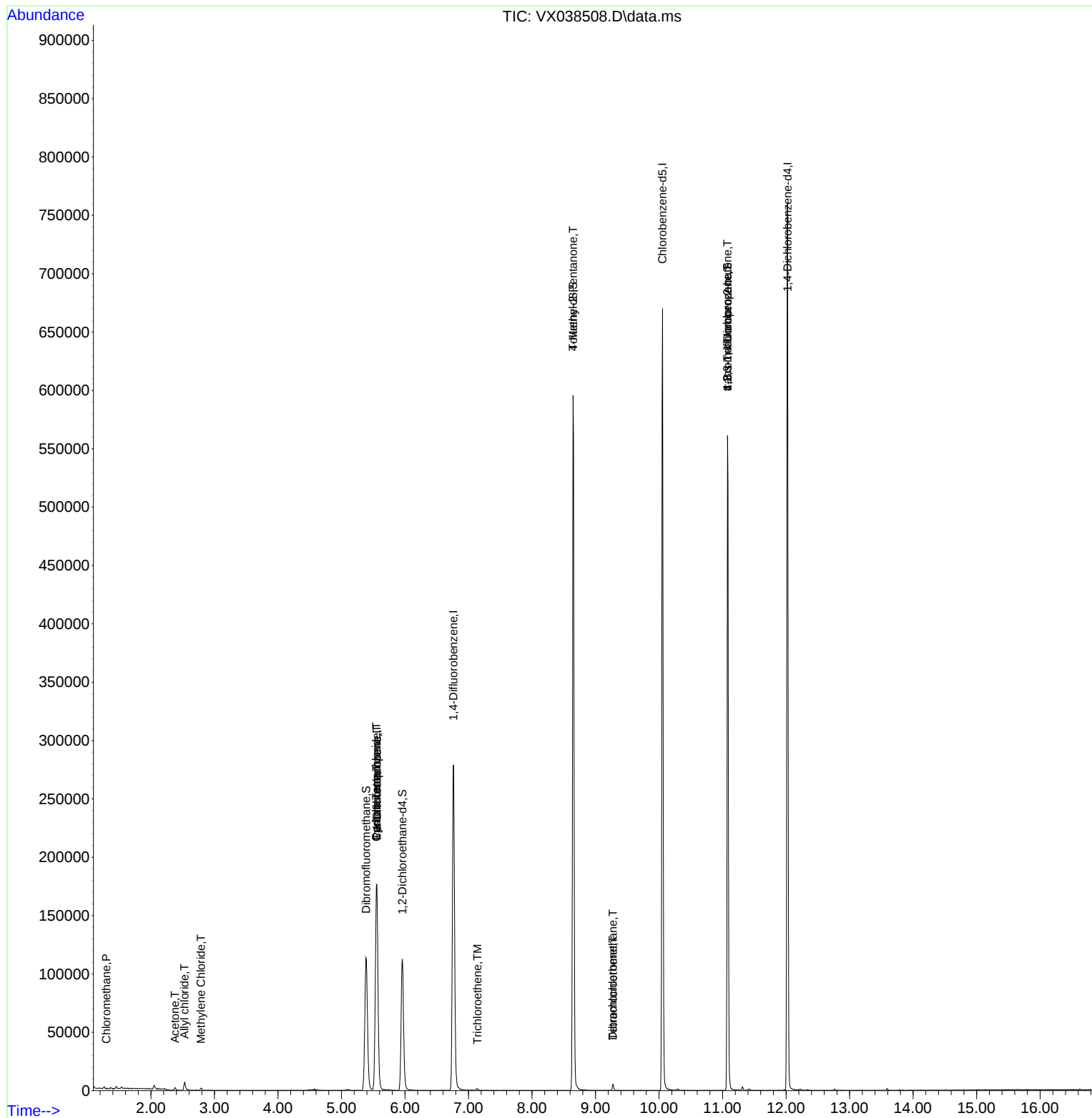
Internal Standards						
1) Pentafluorobenzene	5.556	168	176850	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	300384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110403	38.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.620%#
35) Dibromofluoromethane	5.385	113	99717	46.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.140%
50) Toluene-d8	8.647	98	369996	44.735	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.460%#
62) 4-Bromofluorobenzene	11.079	95	145856	46.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	544	0.313	ug/l	# 86
5) Bromomethane	1.630	94	59	Below Cal	#	3
6) Chloroethane	1.672	64	99	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	156	Below Cal	#	78
14) Allyl chloride	2.526	41	727	0.251	ug/l	# 57
16) Acetone	2.380	43	2282	1.922	ug/l	# 81
20) Methylene Chloride	2.788	84	1007	0.451	ug/l	# 75
31) Cyclohexane	5.550	56	3432	1.114	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	12999	4.355	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	17202	5.859	ug/l	# 15
44) Trichloroethene	7.141	130	643	0.294	ug/l	74
51) 4-Methyl-2-Pentanone	8.647	43	1455	0.399	ug/l	# 1
60) Dibromochloromethane	9.275	129	731	0.321	ug/l	# 11
64) Tetrachloroethene	9.275	164	752	0.369	ug/l	# 77
76) 1,2,3-Trichloropropane	11.079	75	75460	19.246	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	75460	55.697	ug/l	# 5

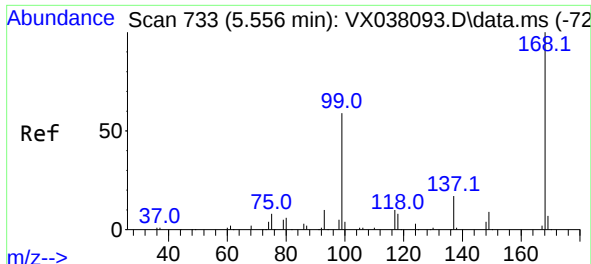
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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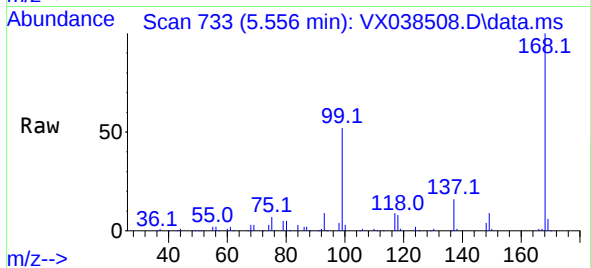
Quant Time: Oct 26 13:38:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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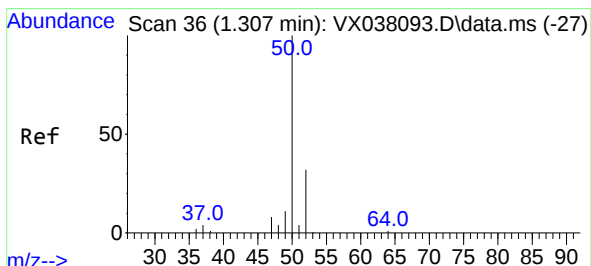
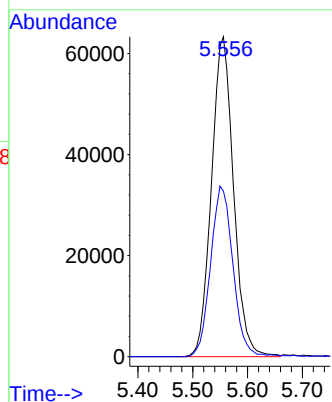


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

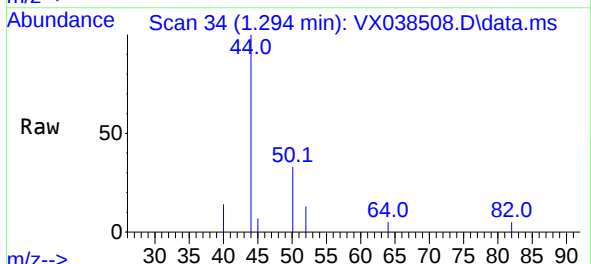
Instrument :
MSVOA_X
ClientSampleId :



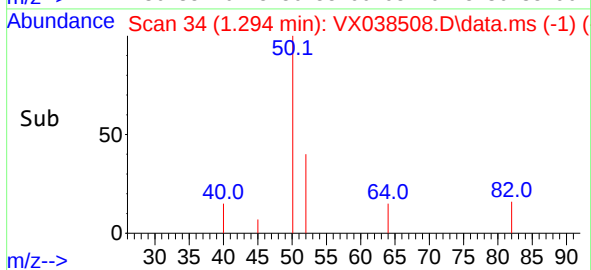
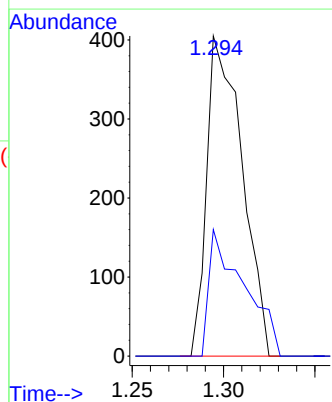
Tgt Ion:168 Resp: 176850
Ion Ratio Lower Upper
168 100
99 51.8 56.6 85.0#

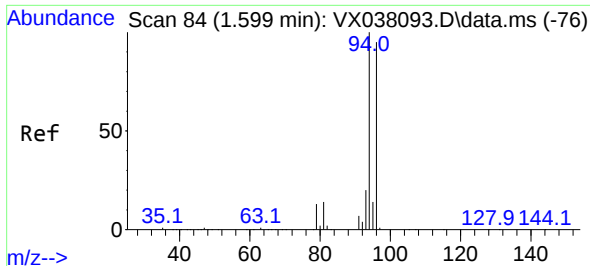


#3
Chloromethane
Concen: 0.313 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03



Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 39.5 25.5 38.3#

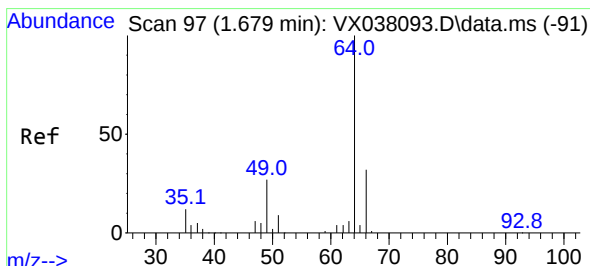
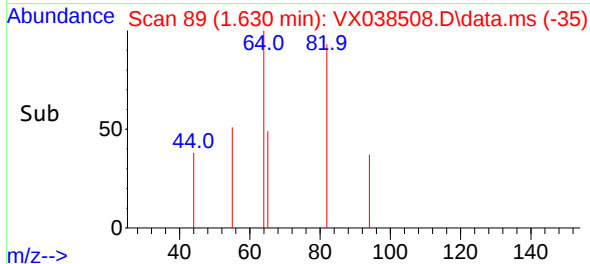
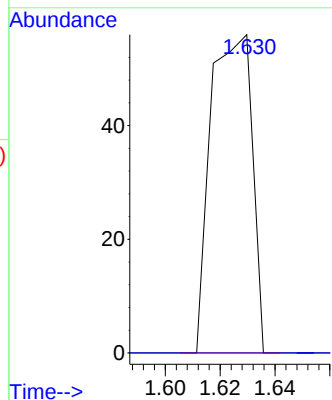
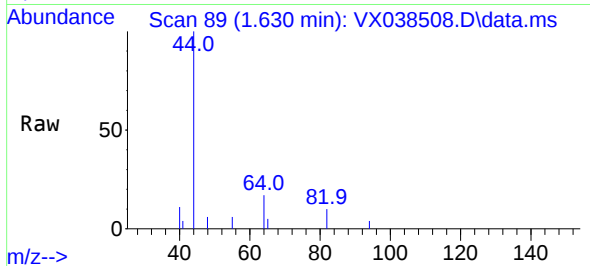




#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 84
Delta R.T. 0.031 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

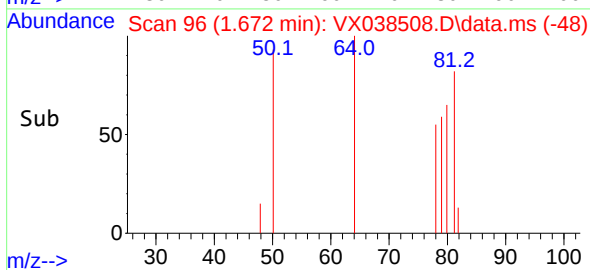
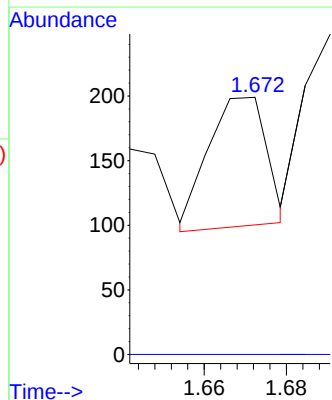
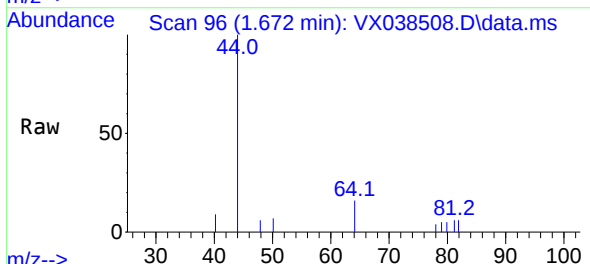
Instrument :
MSVOA_X
ClientSampleId :

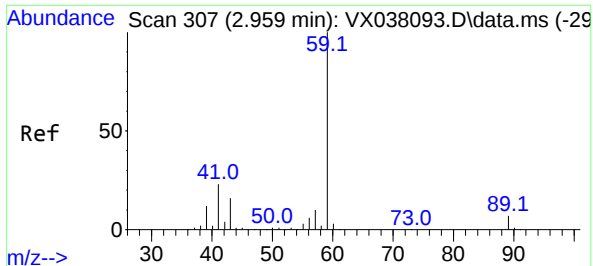
Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

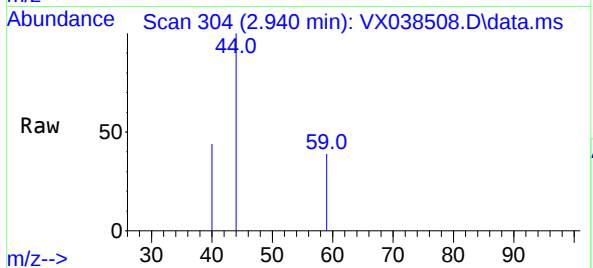
Tgt Ion: 64 Resp: 99
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



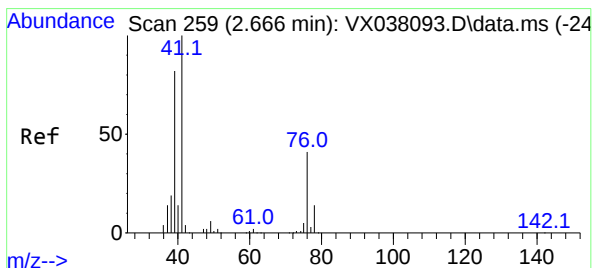
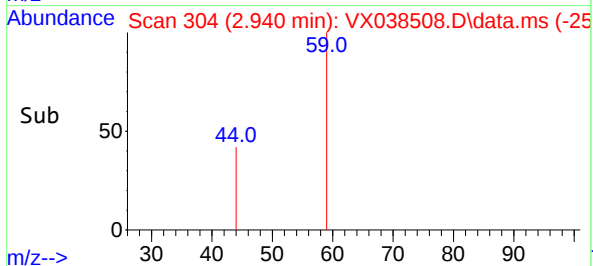
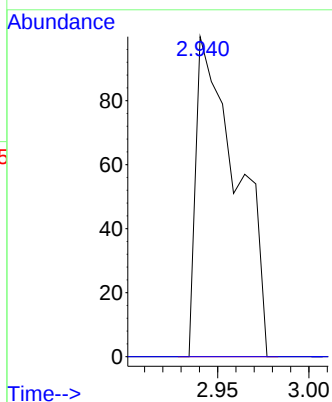


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 307
Delta R.T. -0.019 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Instrument :
MSVOA_X
ClientSampleId :

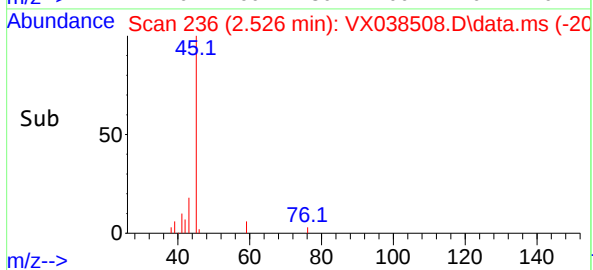
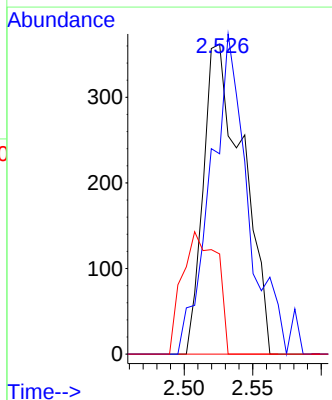
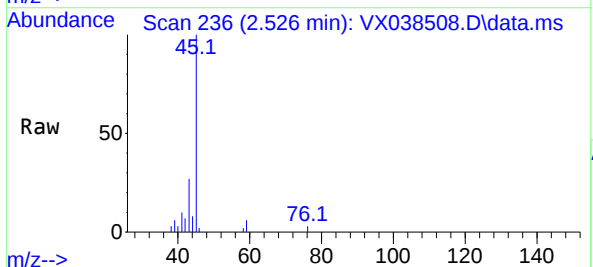


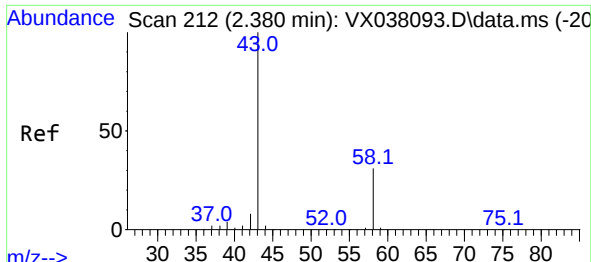
Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#14
Allyl chloride
Concen: 0.251 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.134 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

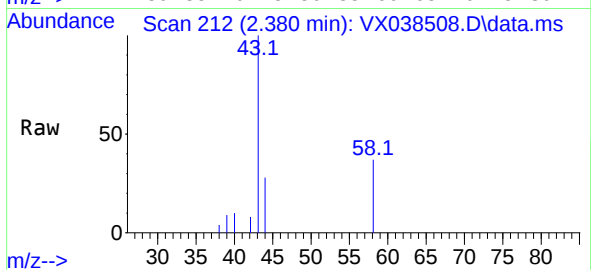
Tgt Ion: 41 Resp: 727
Ion Ratio Lower Upper
41 100
39 100.0 55.8 83.6#
76 0.0 24.3 36.5#



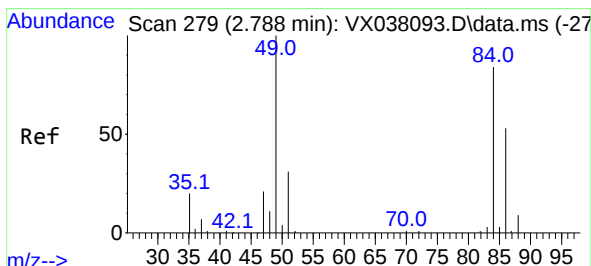
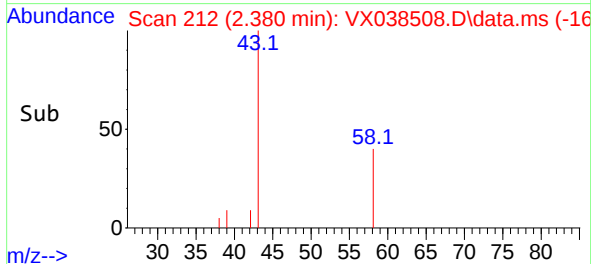
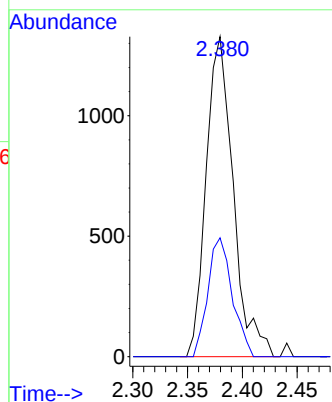


#16
Acetone
Concen: 1.922 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Instrument :
MSVOA_X
ClientSampleId :

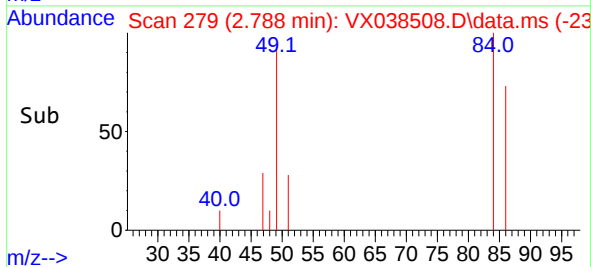
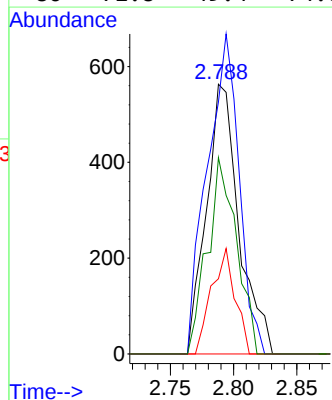
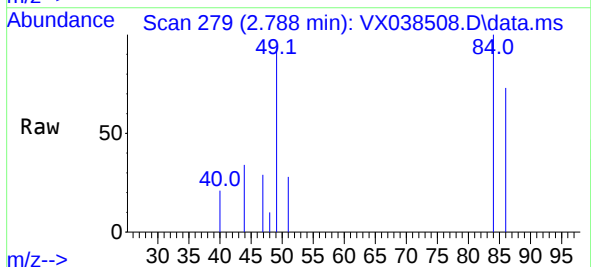


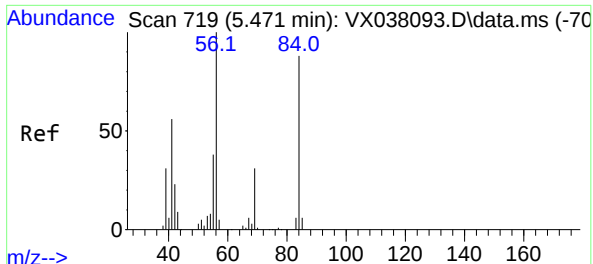
Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
58 37.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

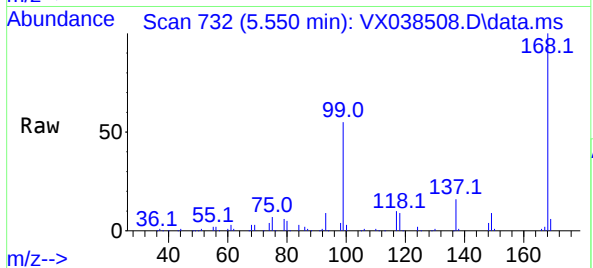
Tgt Ion: 84 Resp: 1007
Ion Ratio Lower Upper
84 100
49 93.4 103.6 155.4#
51 27.9 33.8 50.6#
86 72.8 49.4 74.0



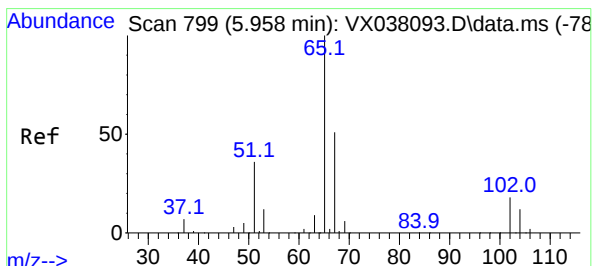
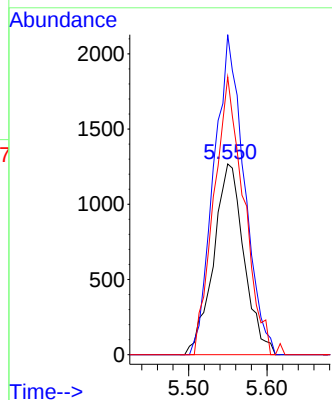
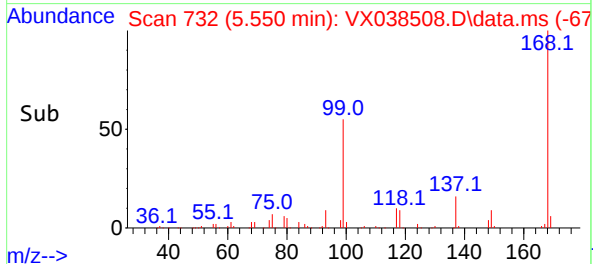


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Instrument :
MSVOA_X
ClientSampleId :

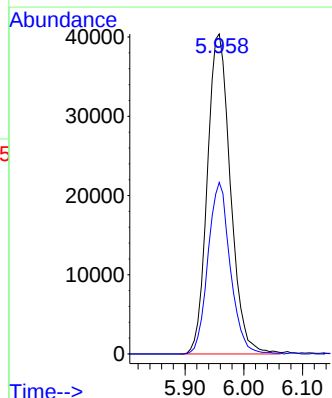
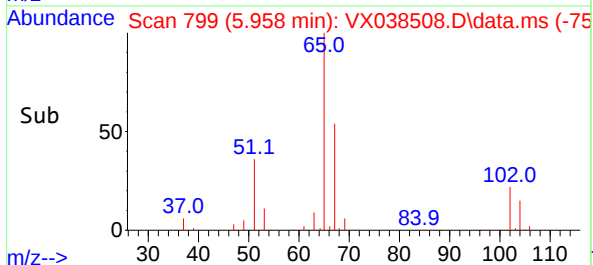
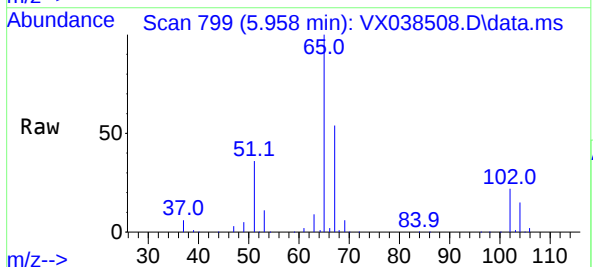


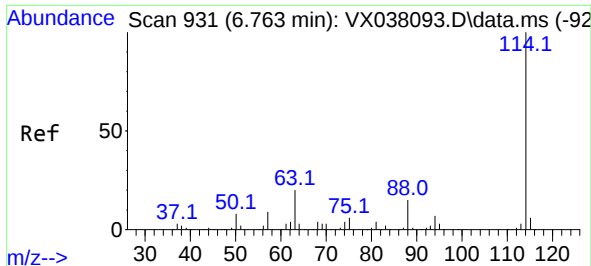
Tgt Ion: 56 Resp: 3432
Ion Ratio Lower Upper
56 100
69 167.8 23.4 35.2#
84 145.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 38.813 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Tgt Ion: 65 Resp: 110403
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

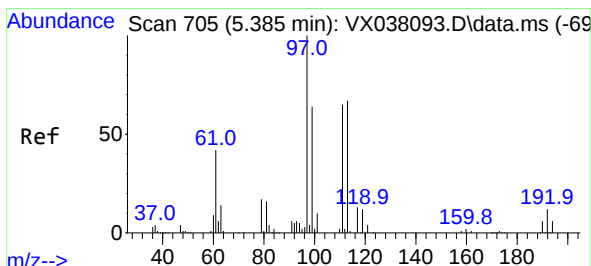
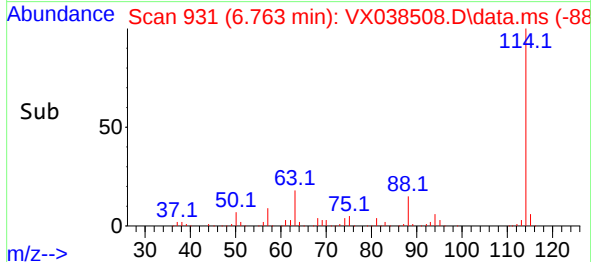
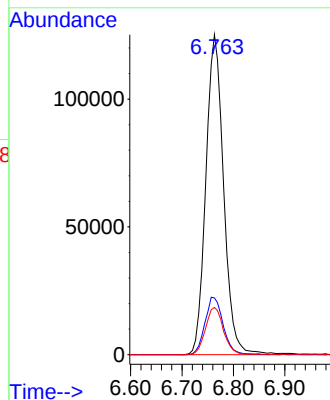
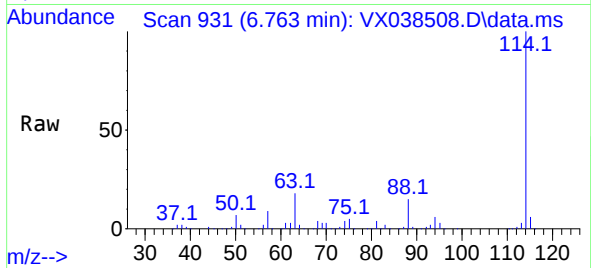




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

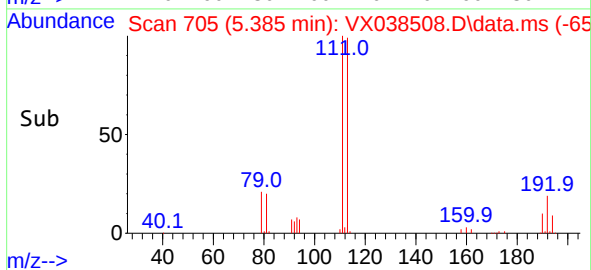
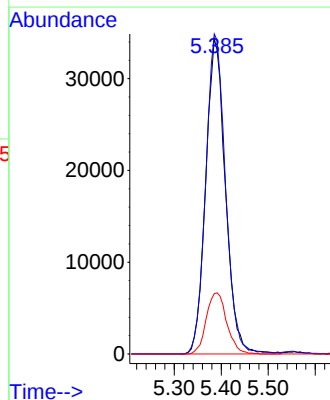
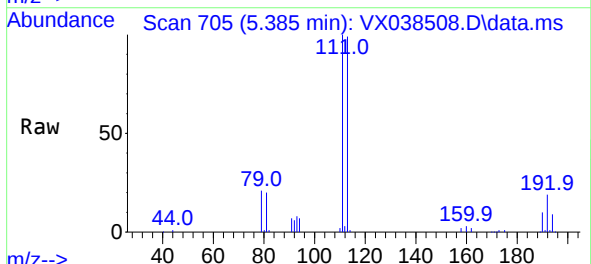
Instrument :
MSVOA_X
ClientSampleId :

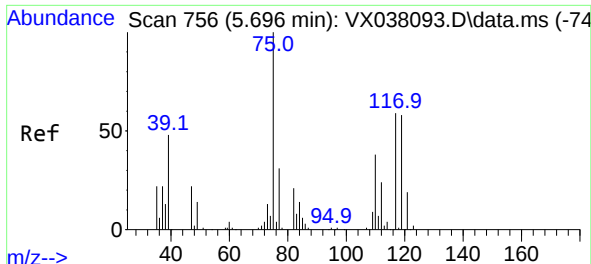
Tgt Ion:114 Resp: 300384
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.070 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Tgt Ion:113 Resp: 99717
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 20.2 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.355 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX038508.D

Acq: 26 Oct 2023 09:03

Instrument :

MSVOA_X

ClientSampleId :

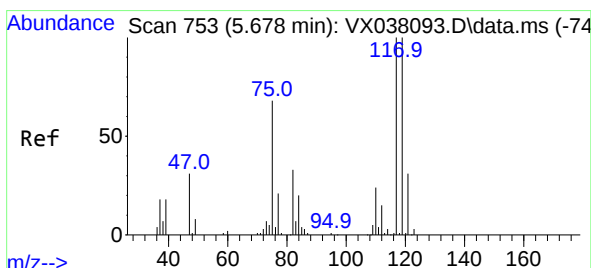
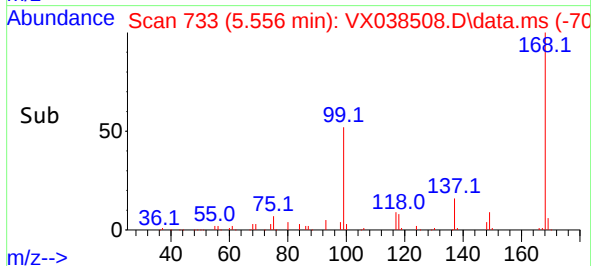
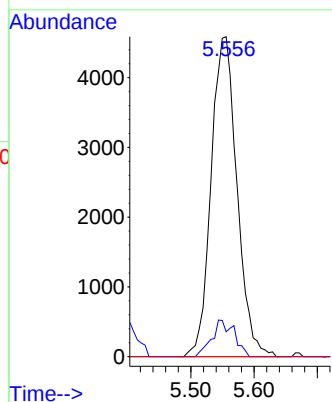
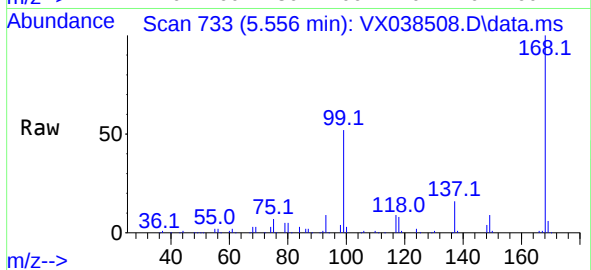
Tgt Ion: 75 Resp: 12999

Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.859 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX038508.D

Acq: 26 Oct 2023 09:03

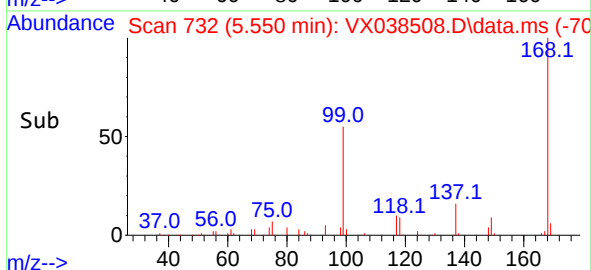
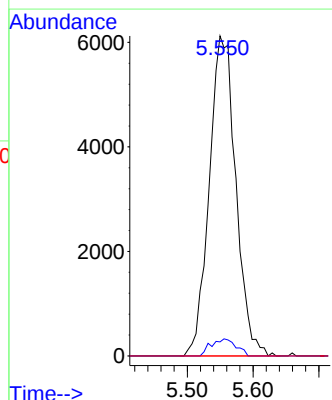
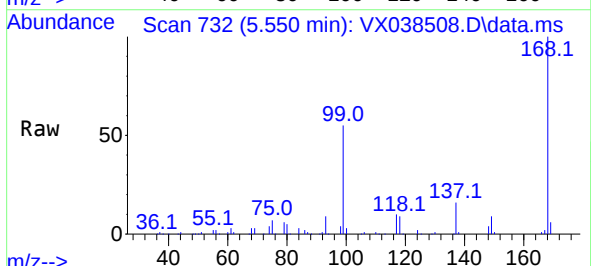
Tgt Ion: 117 Resp: 17202

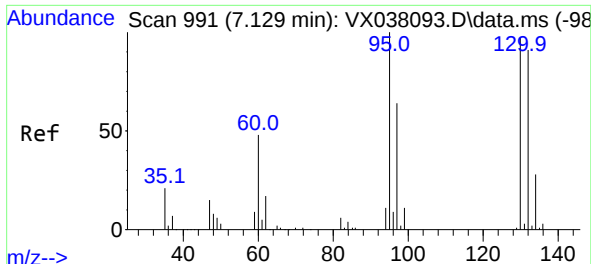
Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.2#

121 0.0 24.4 36.6#

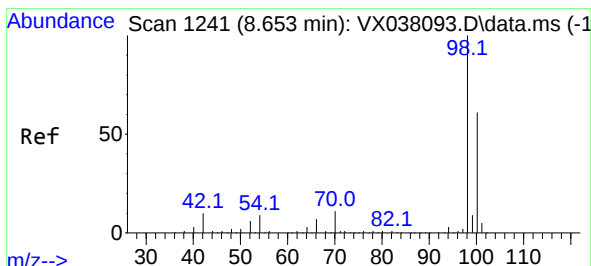
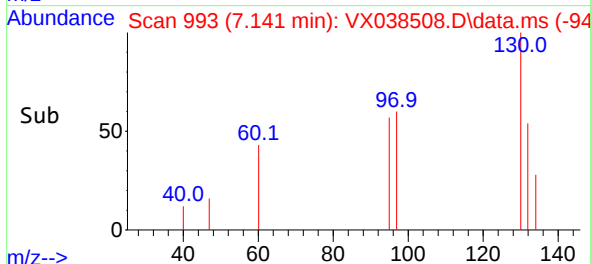
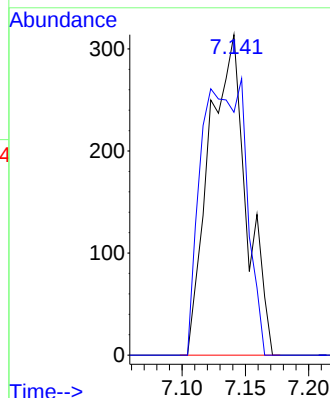
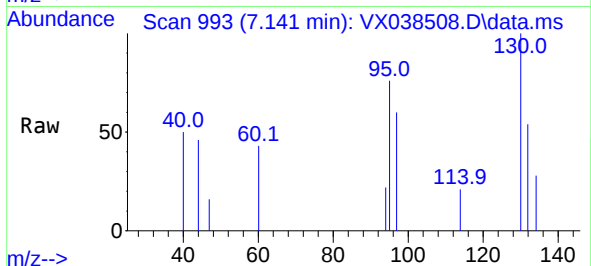




#44
Trichloroethene
Concen: 0.294 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

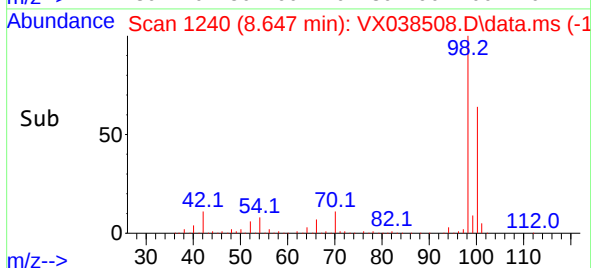
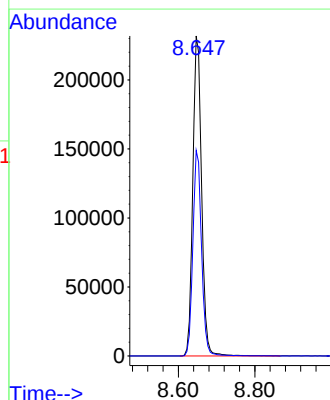
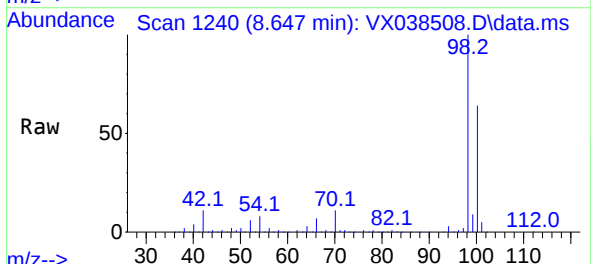
Instrument :
MSVOA_X
ClientSampleId :

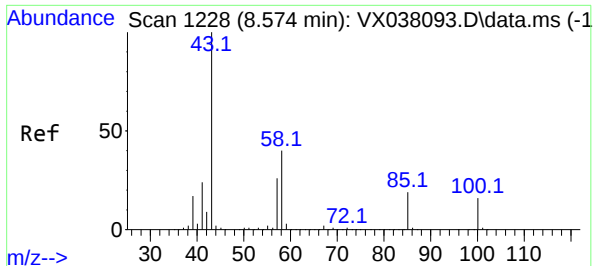
Tgt Ion:130 Resp: 643
Ion Ratio Lower Upper
130 100
95 75.8 0.0 204.4



#50
Toluene-d8
Concen: 44.735 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Tgt Ion: 98 Resp: 369996
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

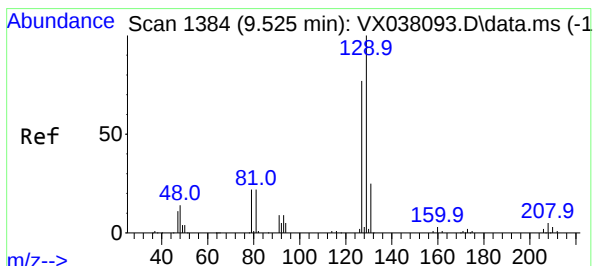
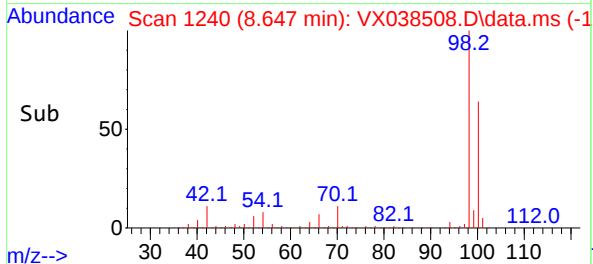
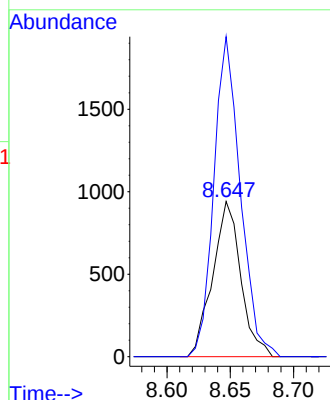
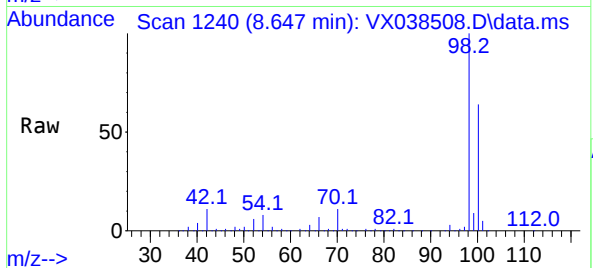




#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

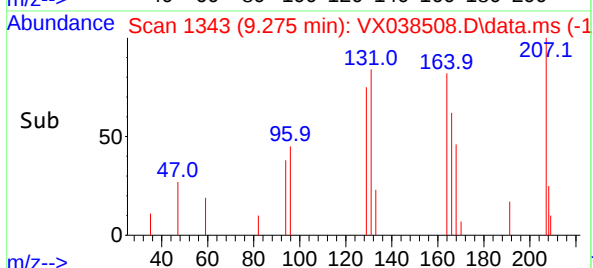
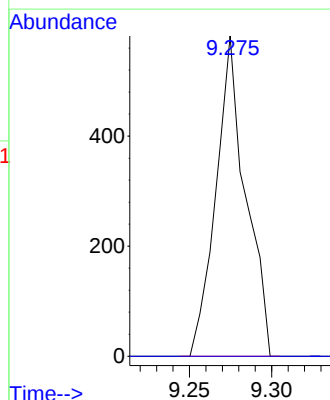
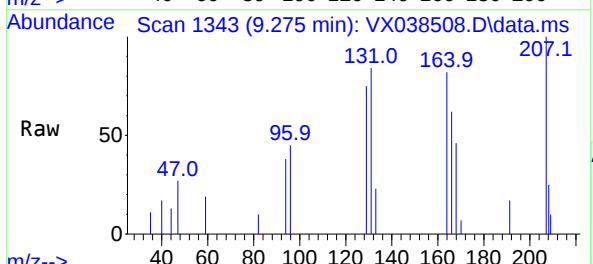
Instrument :
MSVOA_X
ClientSampleId :

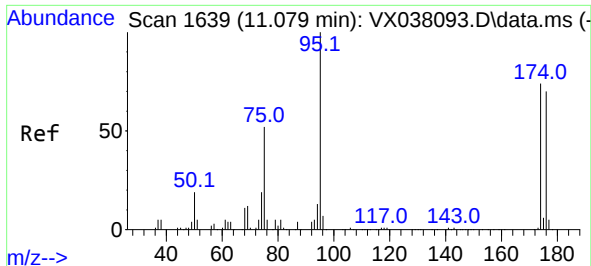
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 193.9 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.321 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Tgt Ion: 129 Resp: 731
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

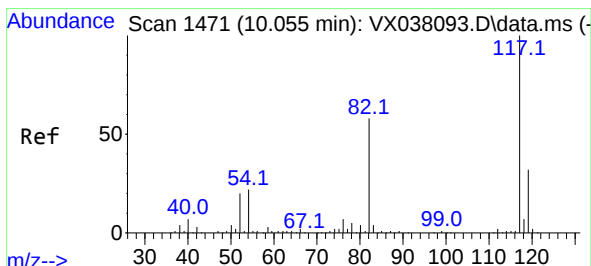
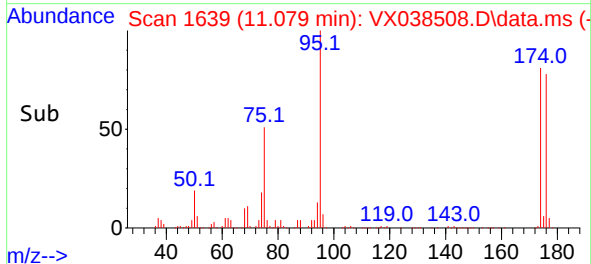
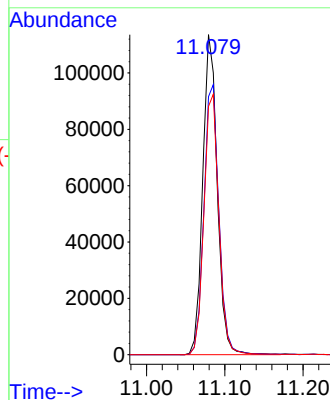
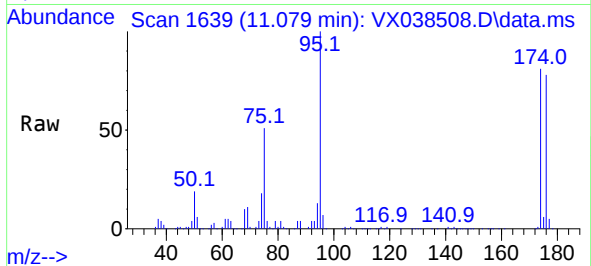




#62
4-Bromofluorobenzene
Concen: 46.516 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

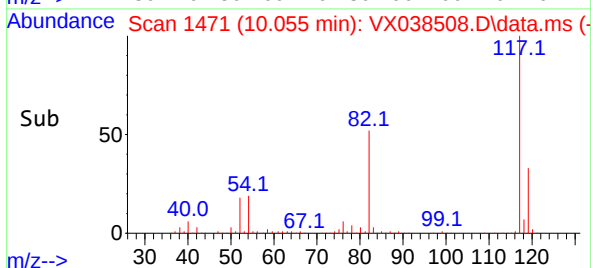
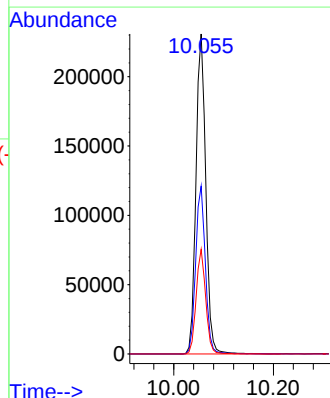
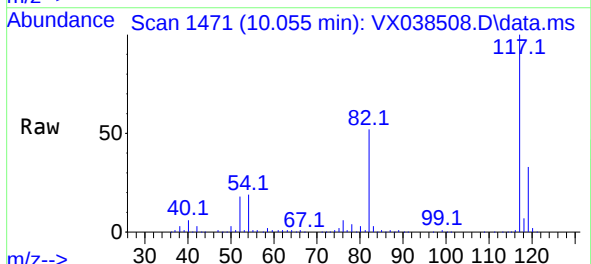
Instrument :
MSVOA_X
ClientSampleId :

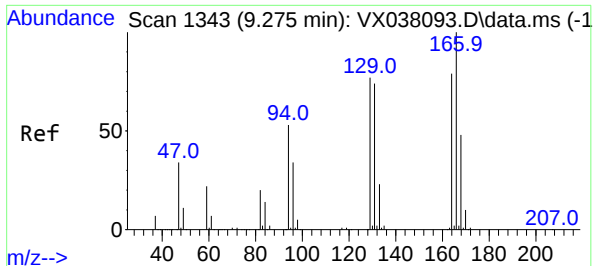
Tgt Ion: 95 Resp: 145856
Ion Ratio Lower Upper
95 100
174 87.4 0.0 135.6
176 84.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

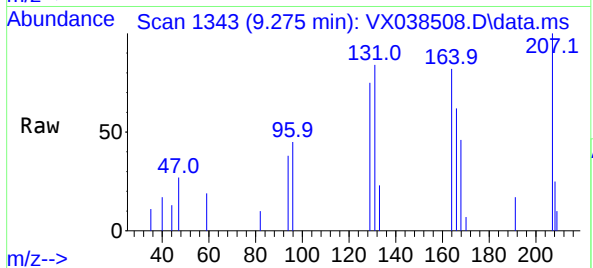
Tgt Ion: 117 Resp: 314732
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 32.7 25.5 38.3



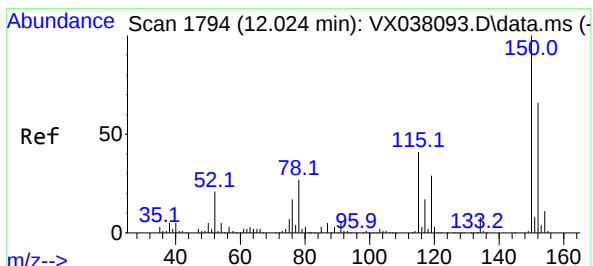
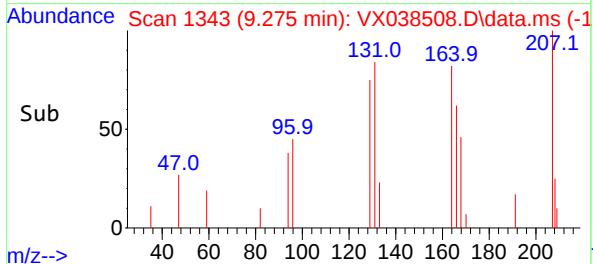
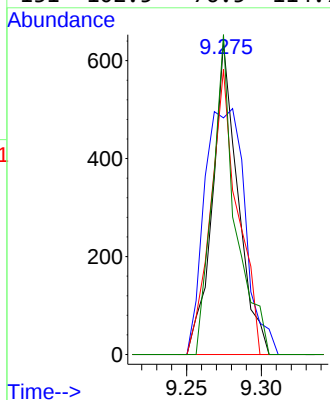


#64
Tetrachloroethene
Concen: 0.369 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Instrument :
MSVOA_X
ClientSampleId :

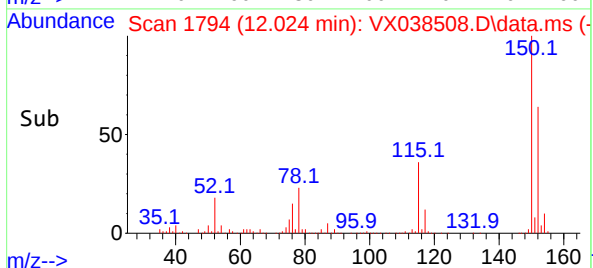
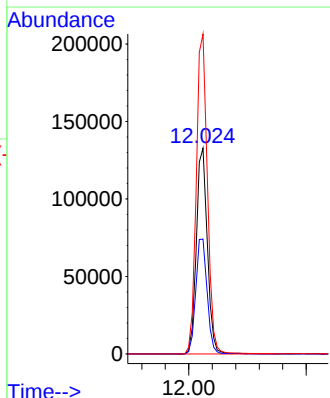
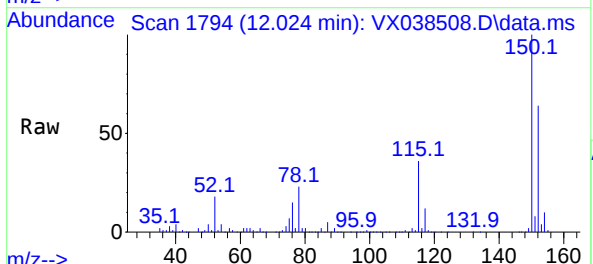


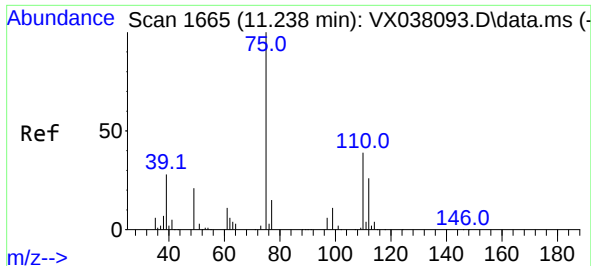
Tgt Ion:164 Resp: 752
Ion Ratio Lower Upper
164 100
166 75.8 102.7 154.1#
129 91.4 80.4 120.6
131 102.5 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Tgt Ion:152 Resp: 172468
Ion Ratio Lower Upper
152 100
115 57.8 43.3 129.9
150 156.9 0.0 345.0

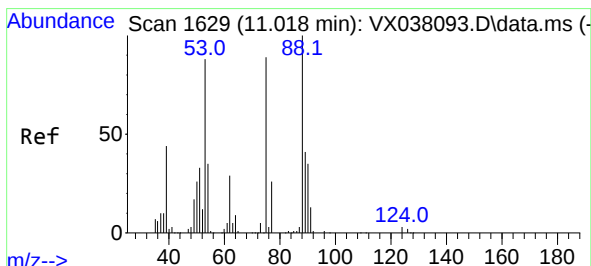
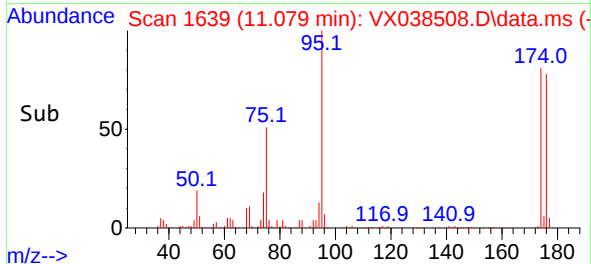
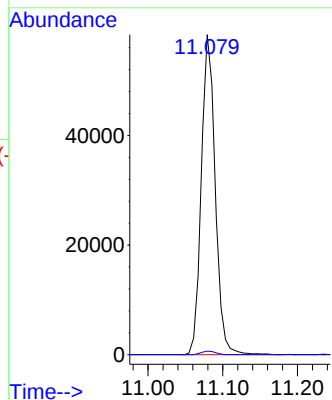
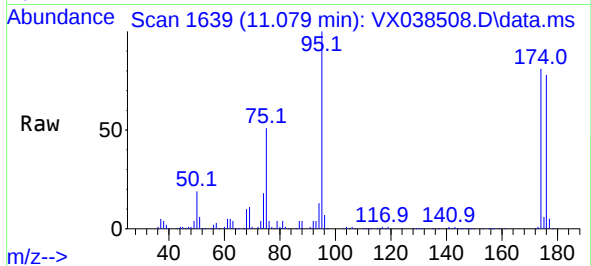




#76
1,2,3-Trichloropropane
Concen: 19.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 75460
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.697 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038508.D
Acq: 26 Oct 2023 09:03

Tgt Ion: 75 Resp: 75460
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

