

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038444.D
 Acq On : 23 Oct 2023 19:43
 Operator : JC/MD
 Sample : 04980-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:07:39 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)

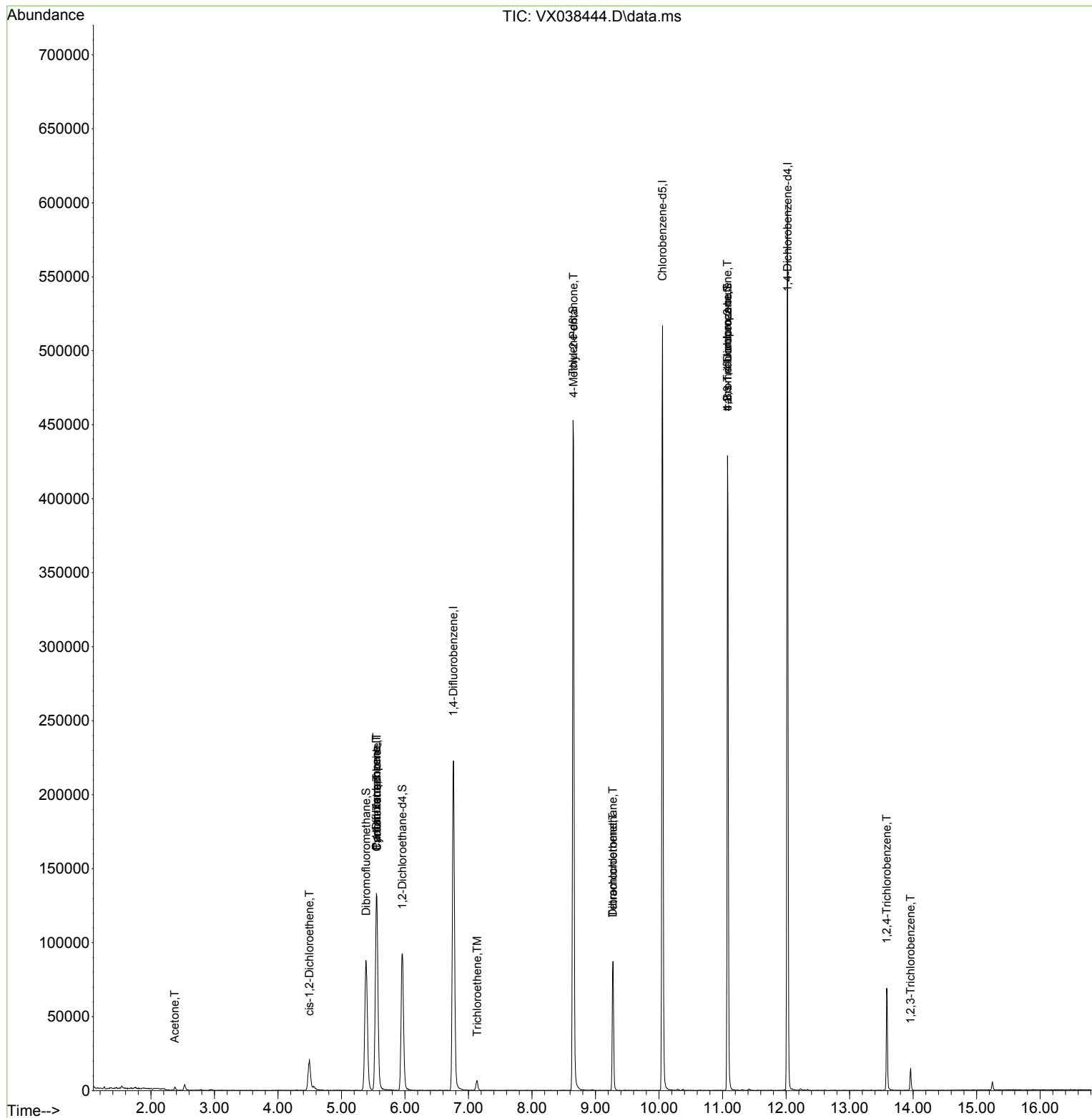
Internal Standards						
1) Pentafluorobenzene	5.550	168	127654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90661	44.155	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.320%
35) Dibromofluoromethane	5.385	113	75827	45.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.280%
50) Toluene-d8	8.647	98	285421	44.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.920%#
62) 4-Bromofluorobenzene	11.079	95	109924	45.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%
Target Compounds						
					Qvalue	
5) Bromomethane	1.679	94	66	Below Cal	#	3
6) Chloroethane	1.679	64	60	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	477	Below Cal	#	78
16) Acetone	2.373	43	2191	2.557	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	12975	7.534	ug/l	81
31) Cyclohexane	5.556	56	2965	1.333	ug/l	# 4
36) 1,1-Dichloropropene	5.550	75	10367	4.475	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	13466	5.909	ug/l	# 15
44) Trichloroethene	7.135	130	2569	1.516	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	1380	0.487	ug/l	# 1
60) Dibromochloromethane	9.275	129	15676	8.872	ug/l	# 11
64) Tetrachloroethene	9.275	164	16689	10.928	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	60662	21.230	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	60662	61.022	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.585	180	16670	6.255	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	3677	1.425	ug/l	95

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

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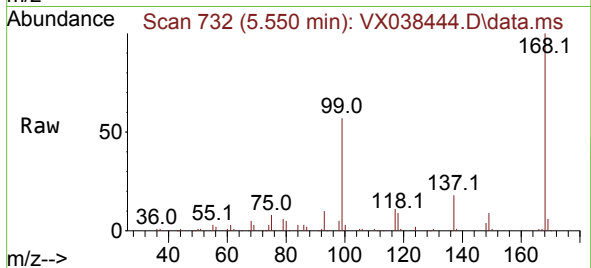
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



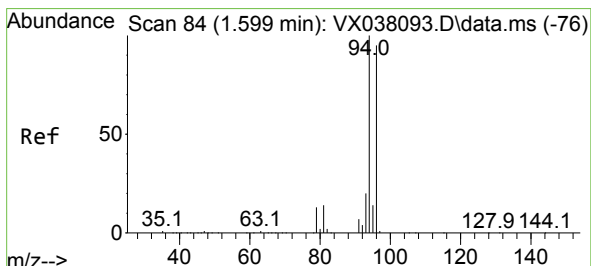
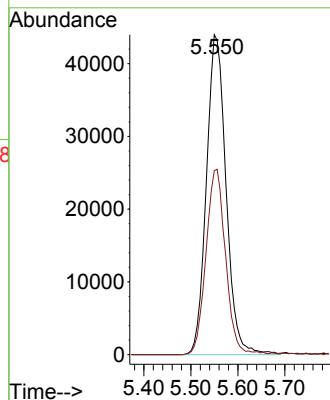
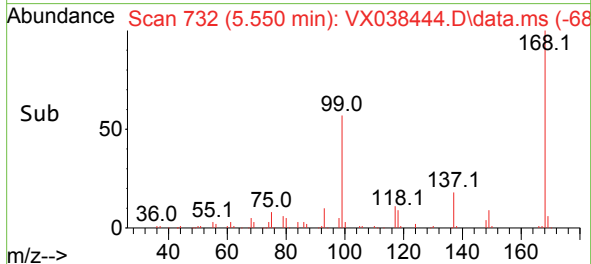


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :

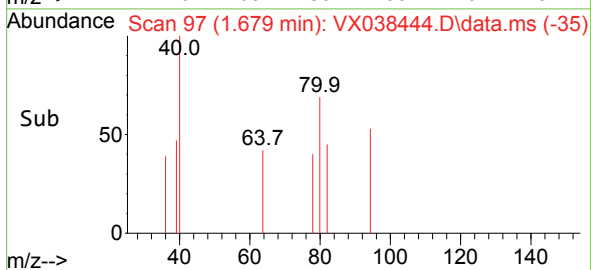
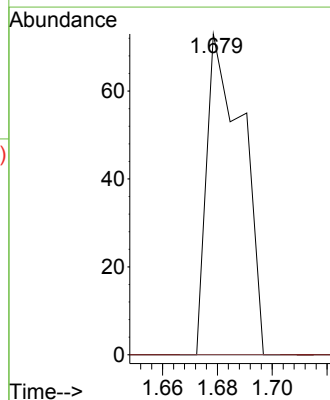
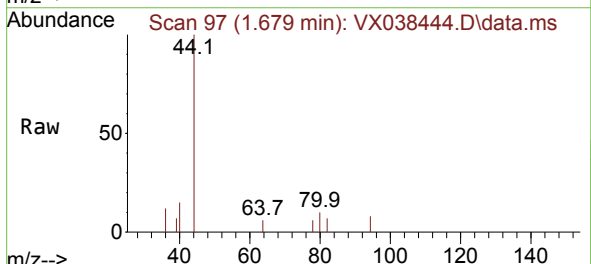


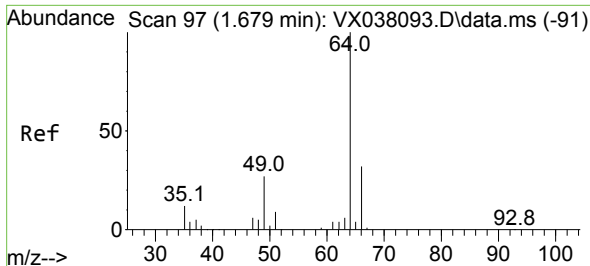
Tgt Ion:168 Resp: 127654
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. 0.080 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

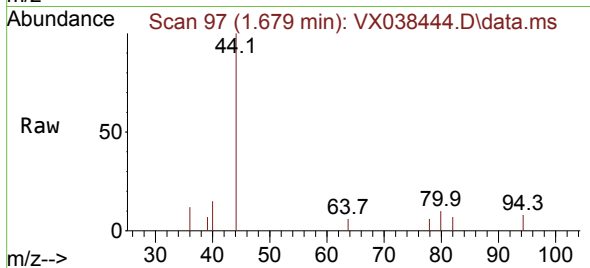
Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



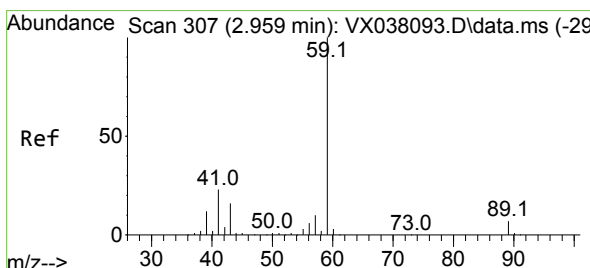
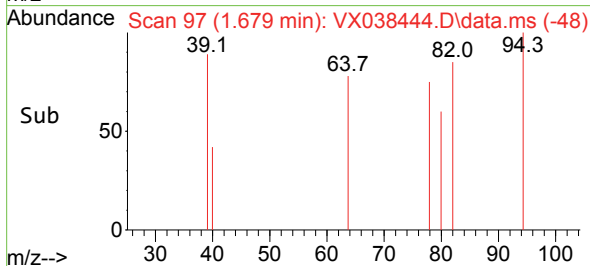
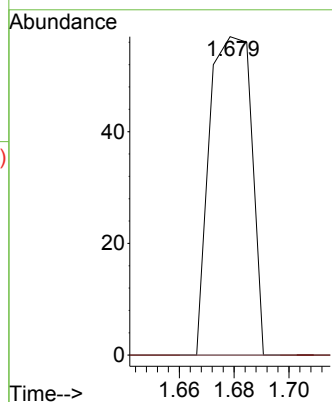


#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :

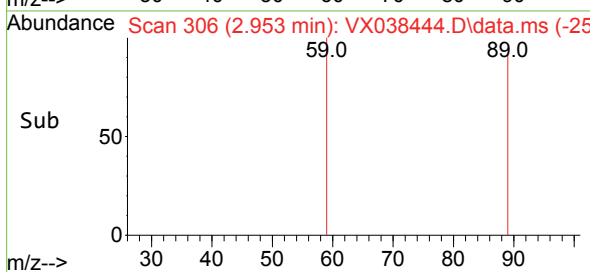
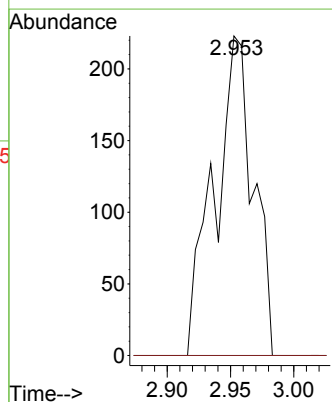
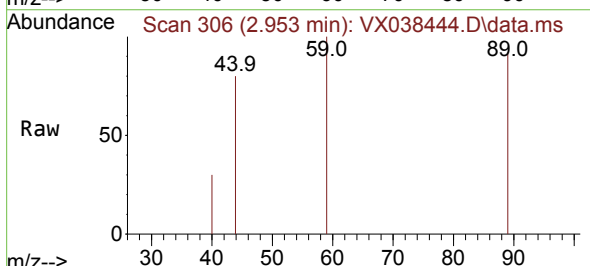


Tgt Ion: 64 Resp: 60
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Tgt Ion: 59 Resp: 477
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

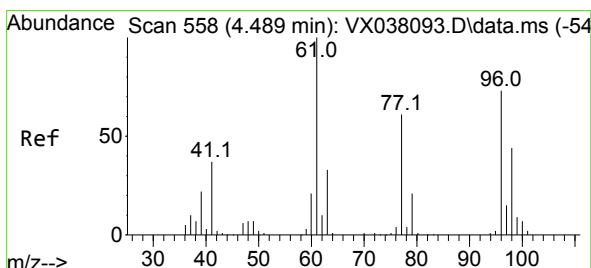
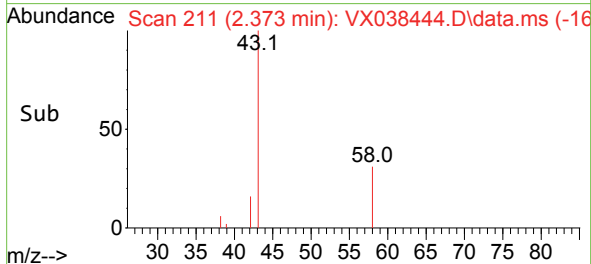
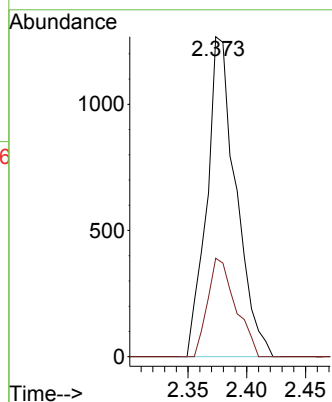
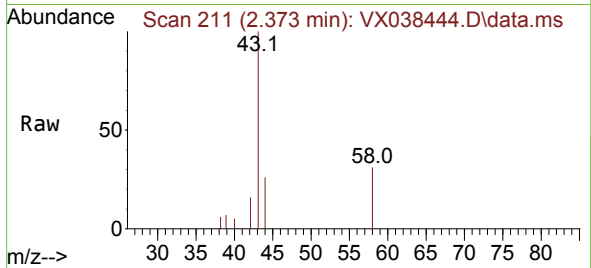




#16
Acetone
Concen: 2.557 ug/l
RT: 2.373 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

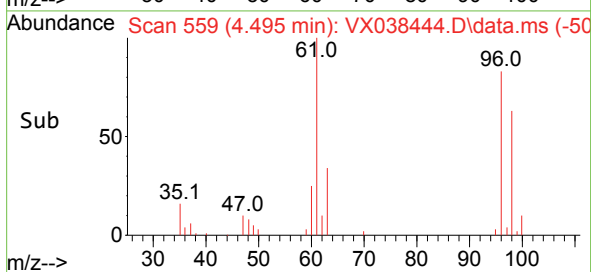
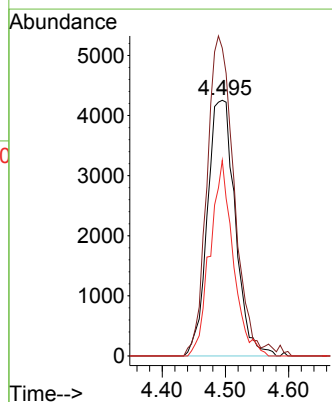
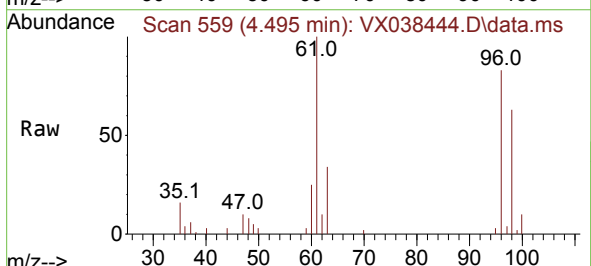
Instrument :
MSVOA_X
ClientSampleId :

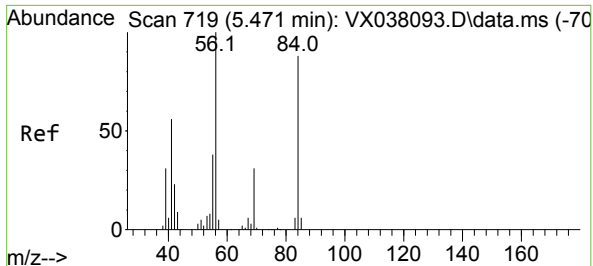
Tgt Ion: 43 Resp: 2191
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 7.534 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

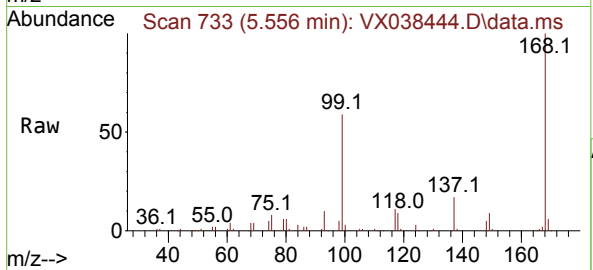
Tgt Ion: 96 Resp: 12975
Ion Ratio Lower Upper
96 100
61 122.4 0.0 312.2
98 63.6 0.0 129.0



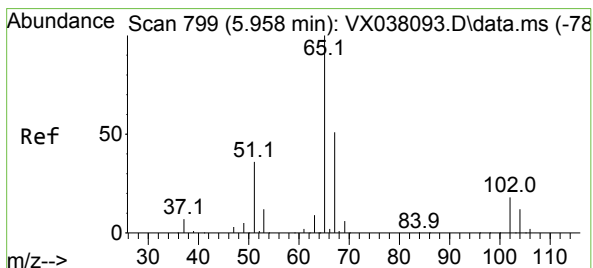
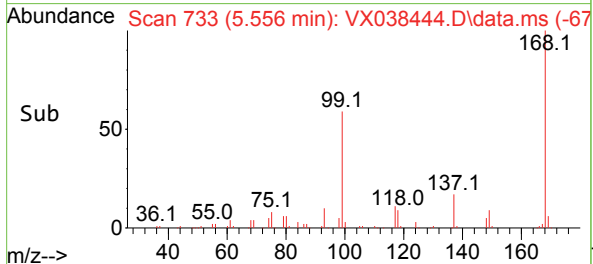
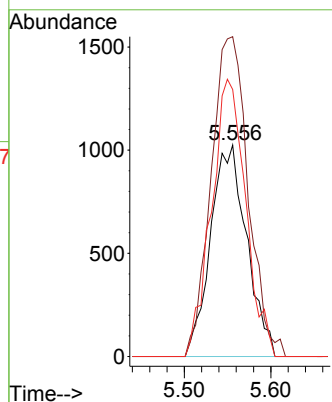


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :

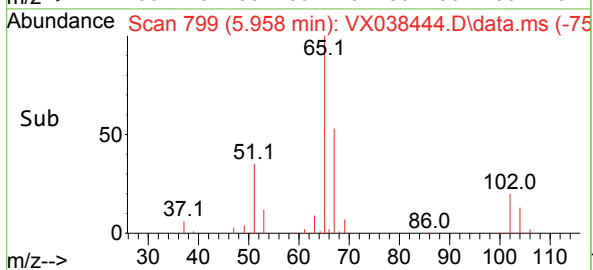
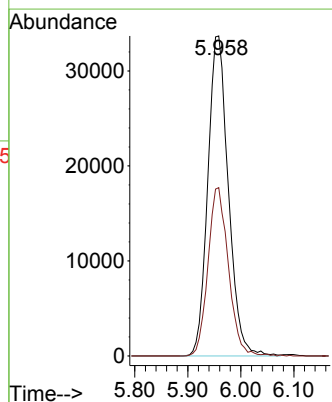
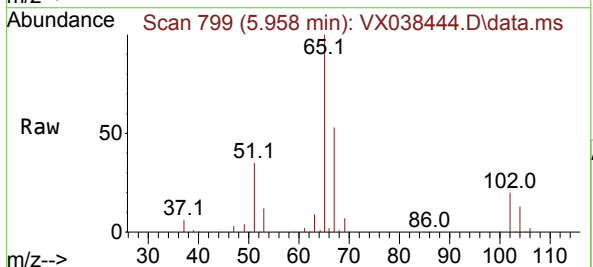


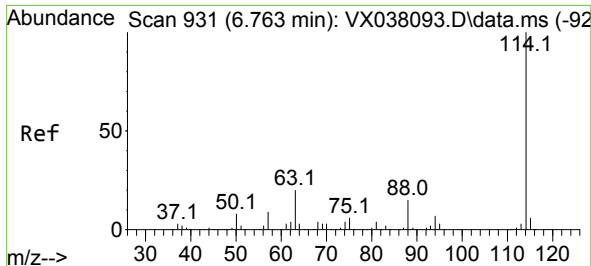
Tgt Ion: 56 Resp: 2965
Ion Ratio Lower Upper
56 100
69 151.2 23.4 35.2#
84 126.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.155 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Tgt Ion: 65 Resp: 90661
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

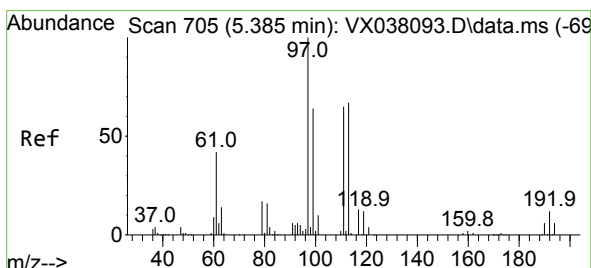
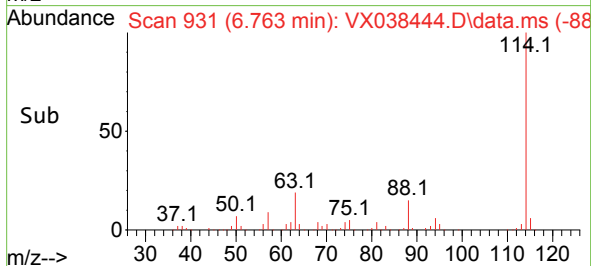
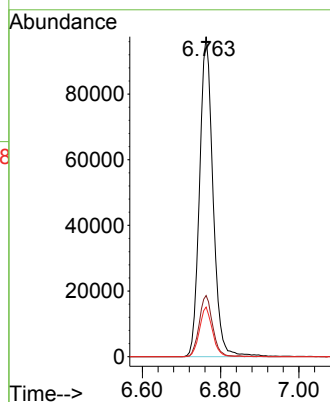
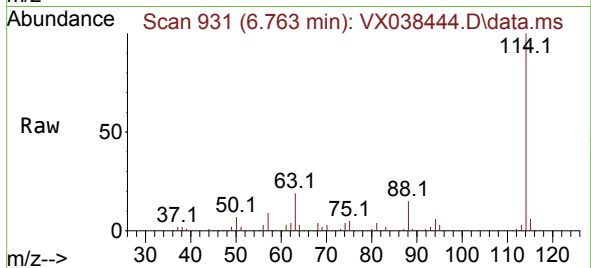




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

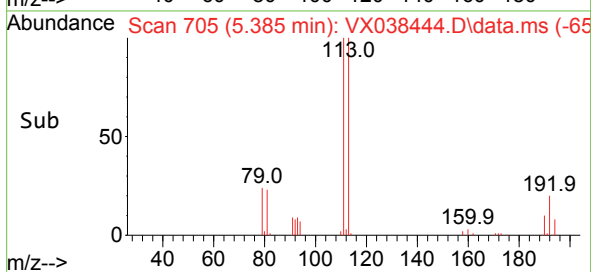
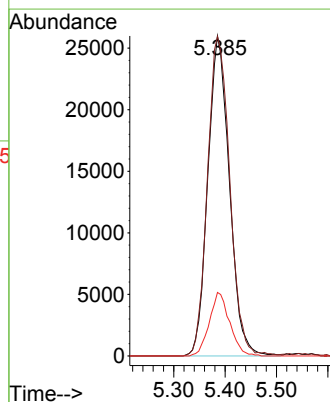
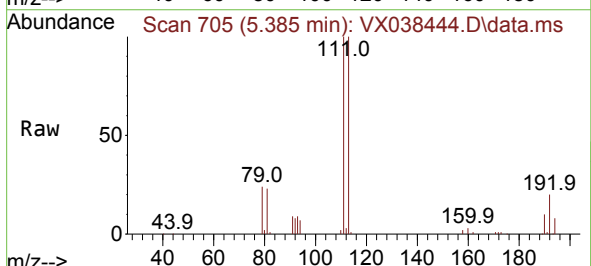
Instrument :
MSVOA_X
ClientSampleId :

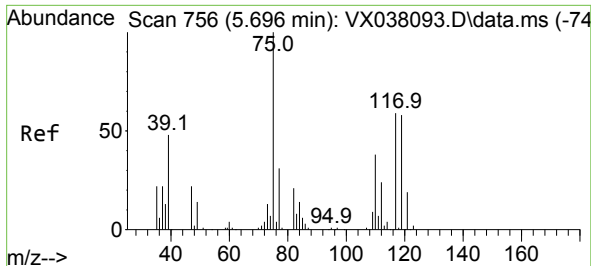
Tgt Ion:114 Resp: 233132
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.139 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Tgt Ion:113 Resp: 75827
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.7 13.3 19.9

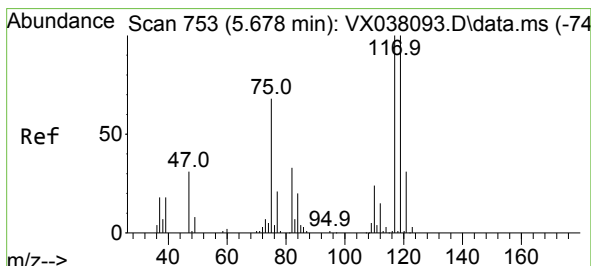
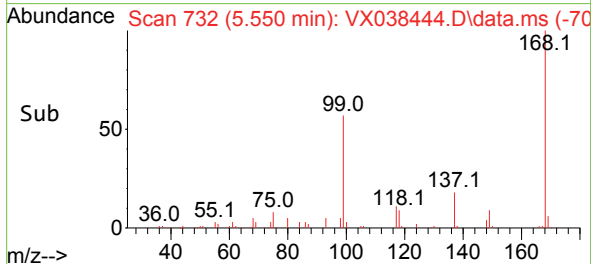
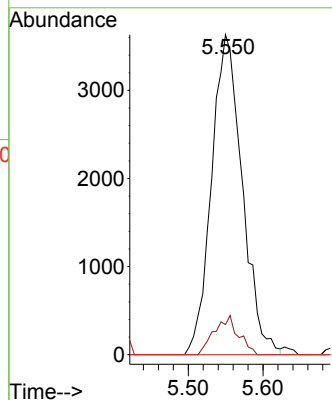
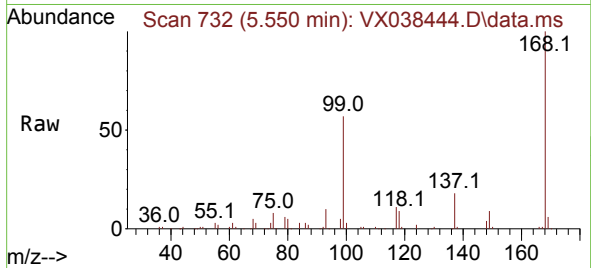




#36
1,1-Dichloropropene
Concen: 4.475 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

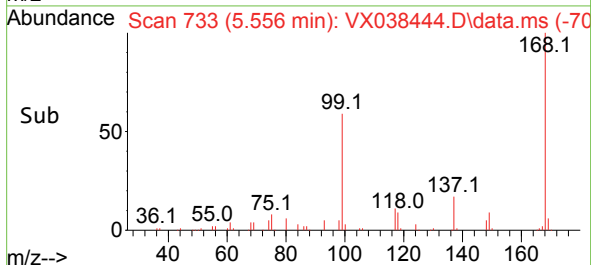
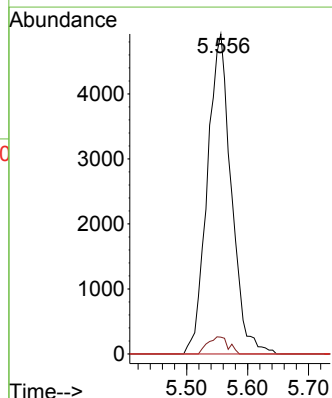
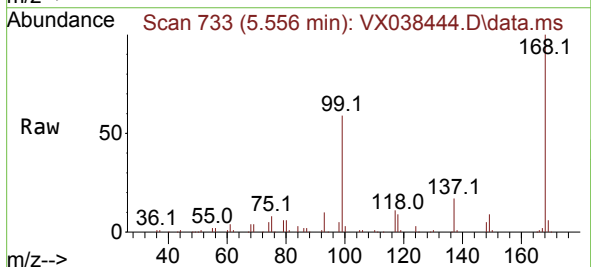
Instrument :
MSVOA_X
ClientSampleId :

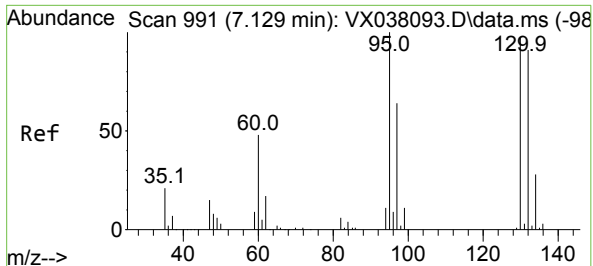
Tgt Ion: 75 Resp: 10367
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Tgt Ion: 117 Resp: 13466
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

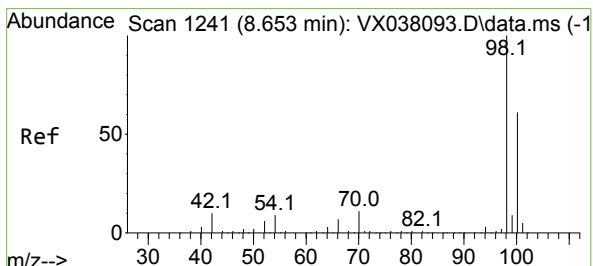
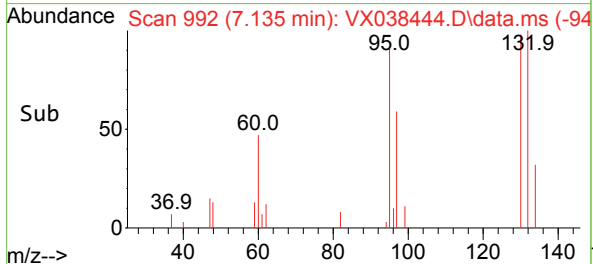
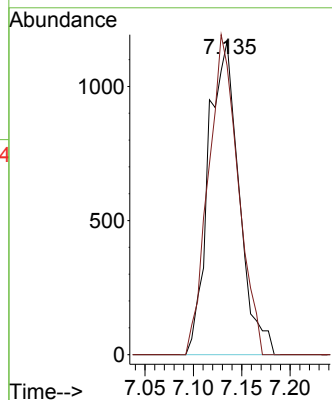
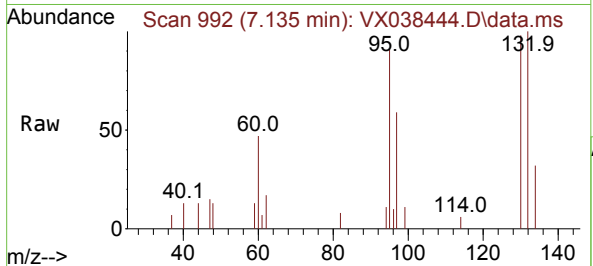




#44
Trichloroethene
Concen: 1.516 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

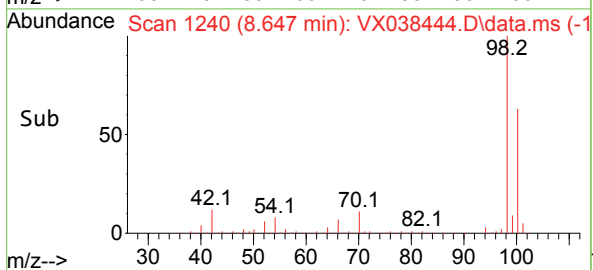
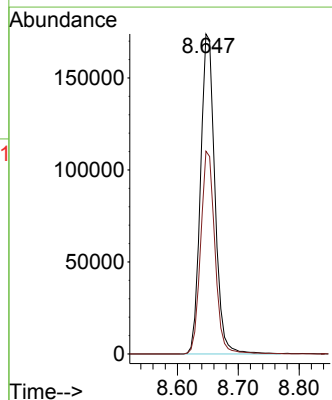
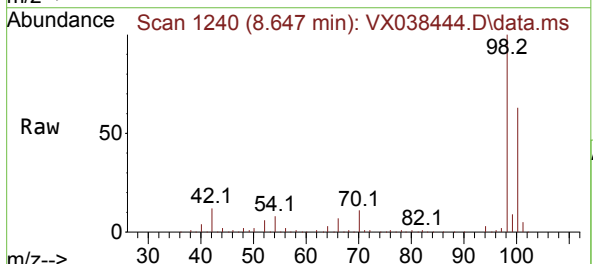
Instrument :
MSVOA_X
ClientSampleId :

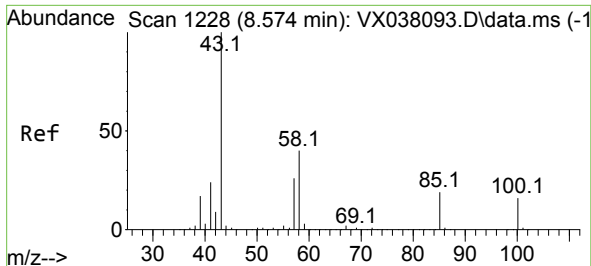
Tgt Ion:130 Resp: 2569
Ion Ratio Lower Upper
130 100
95 92.3 0.0 204.4



#50
Toluene-d8
Concen: 44.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Tgt Ion: 98 Resp: 285421
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

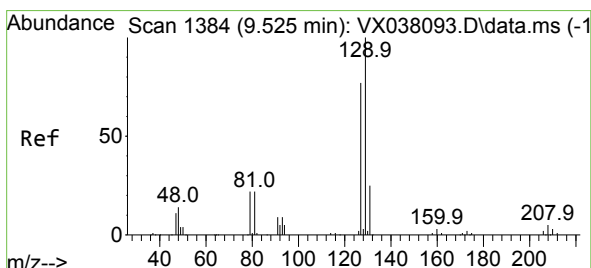
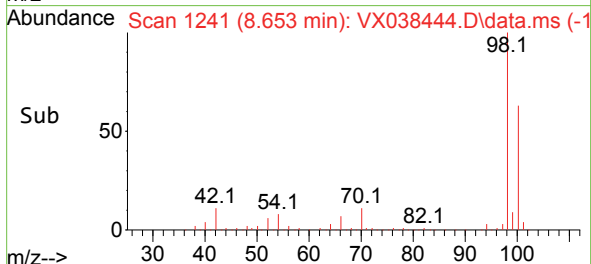
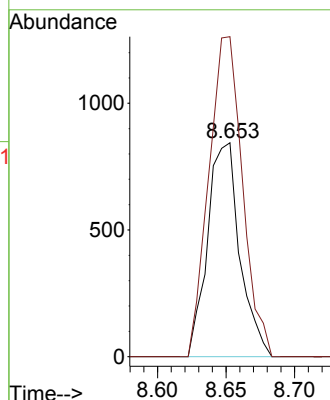
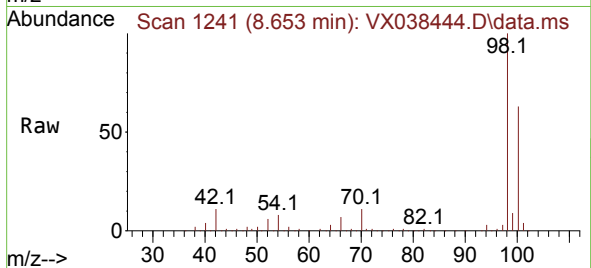




#51
4-Methyl-2-Pentanone
Concen: 0.487 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

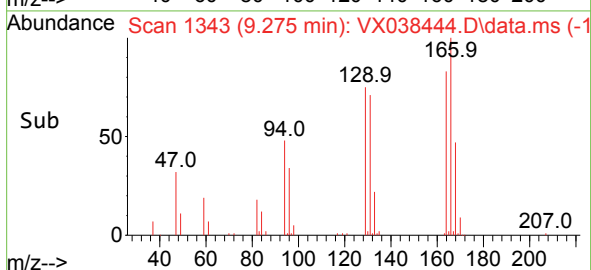
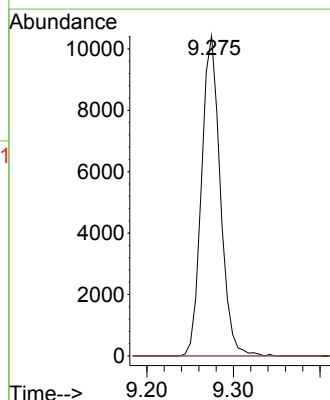
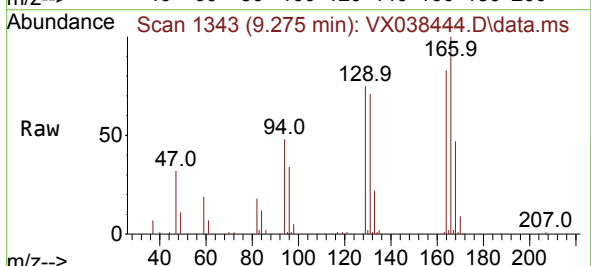
Instrument :
MSVOA_X
ClientSampleId :

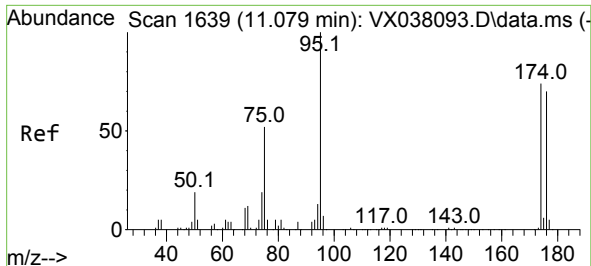
Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 156.7 30.4 45.6#



#60
Dibromochloromethane
Concen: 8.872 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Tgt Ion: 129 Resp: 15676
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

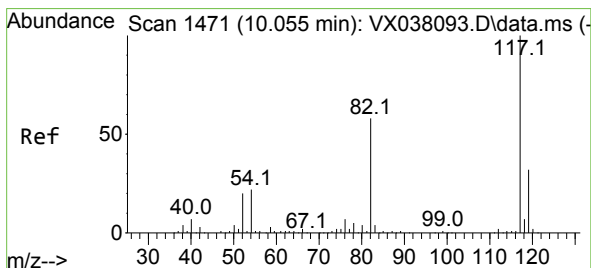
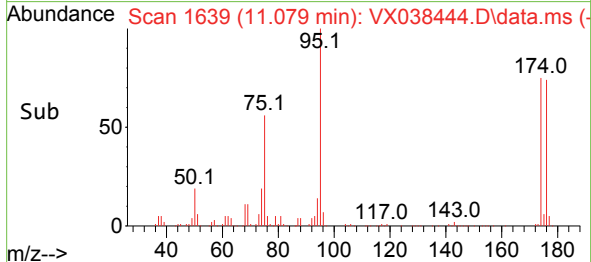
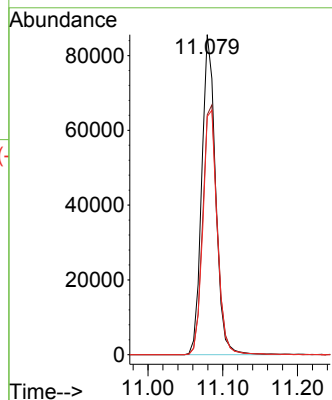
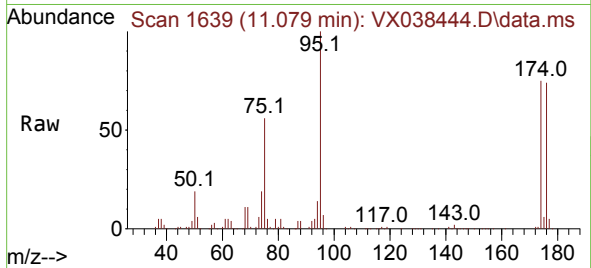




#62
4-Bromofluorobenzene
Concen: 45.170 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

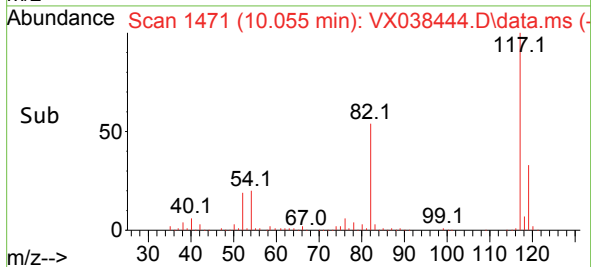
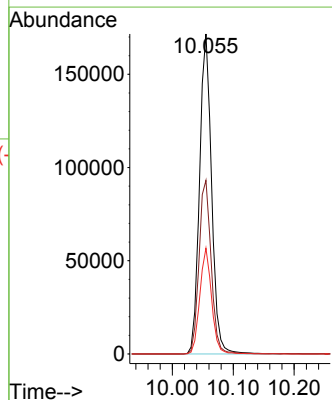
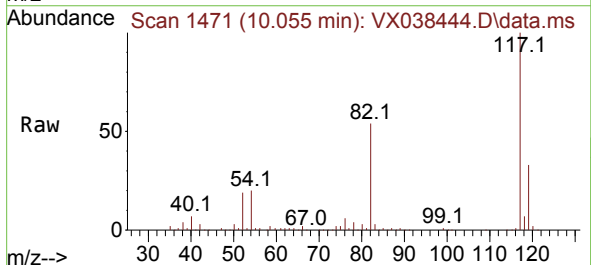
Instrument :
MSVOA_X
ClientSampleId :

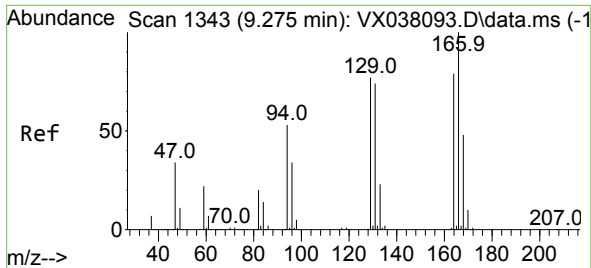
Tgt Ion: 95 Resp: 109924
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 79.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

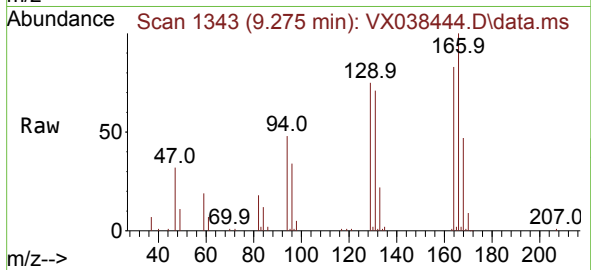
Tgt Ion: 117 Resp: 235895
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 33.0 25.5 38.3



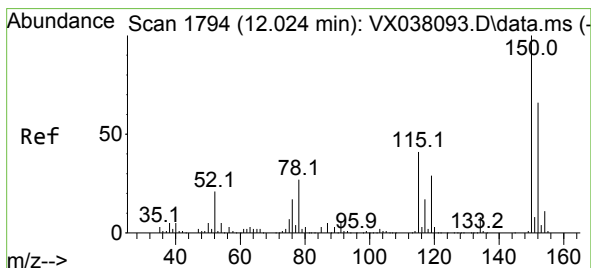
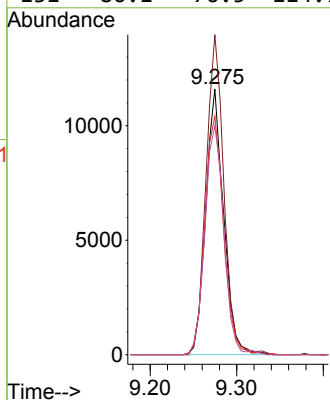
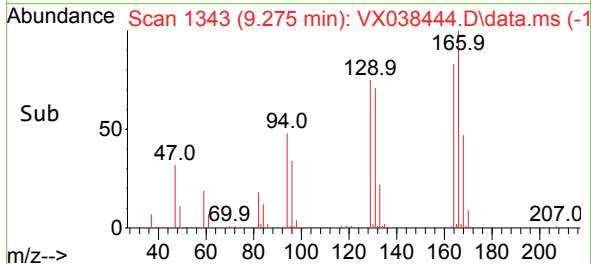


#64
Tetrachloroethene
Concen: 10.928 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

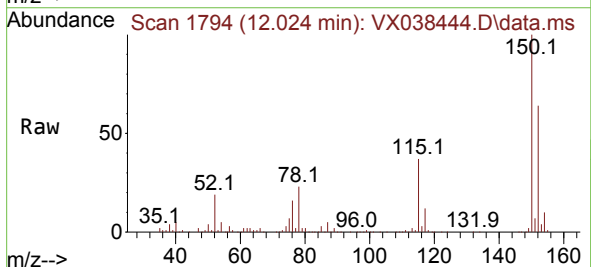
Instrument :
MSVOA_X
ClientSampleId :



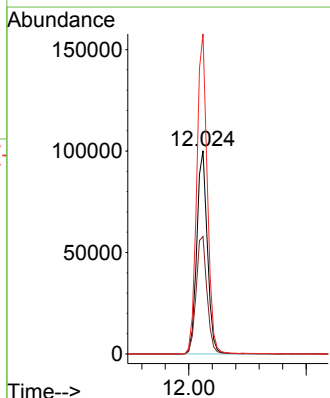
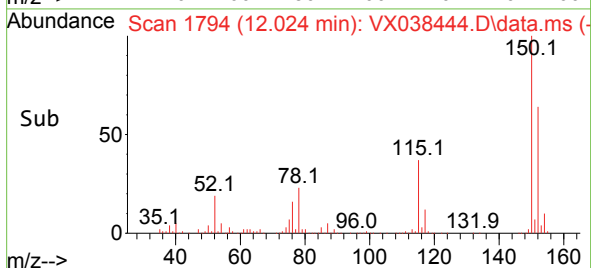
Tgt Ion:164 Resp: 16689
Ion Ratio Lower Upper
164 100
166 120.4 102.7 154.1
129 89.8 80.4 120.6
131 86.1 76.5 114.7

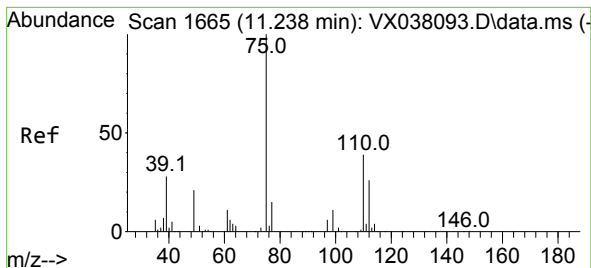


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43



Tgt Ion:152 Resp: 125691
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.230 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038444.D

Acq: 23 Oct 2023 19:43

Instrument :

MSVOA_X

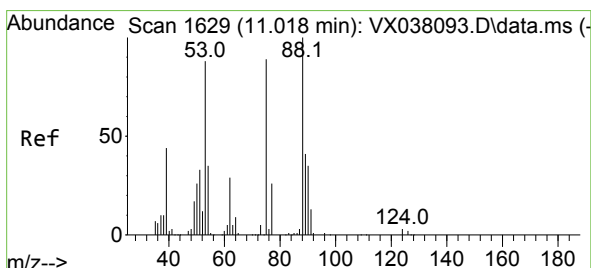
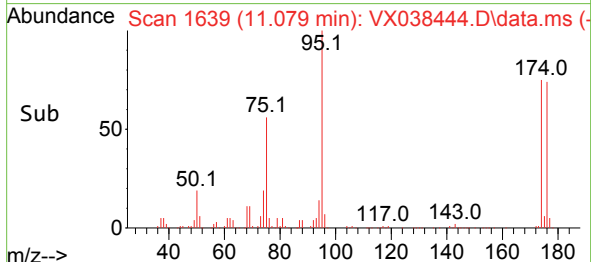
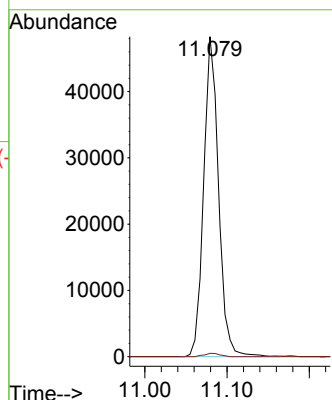
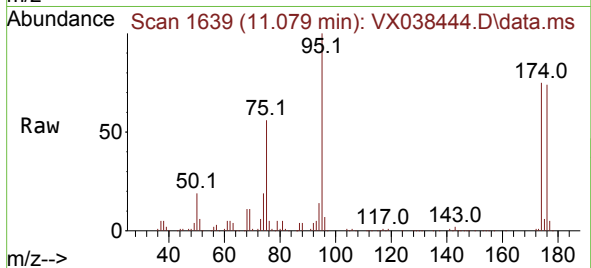
ClientSampleId :

Tgt Ion: 75 Resp: 60662

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.022 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038444.D

Acq: 23 Oct 2023 19:43

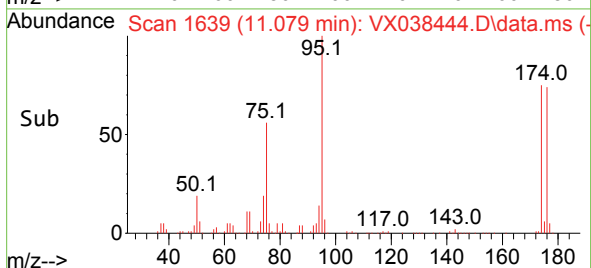
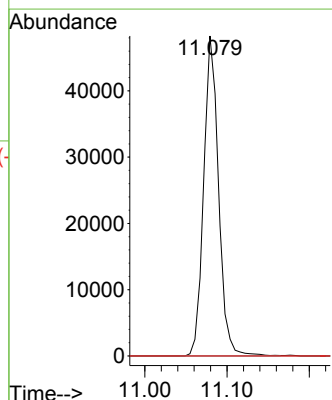
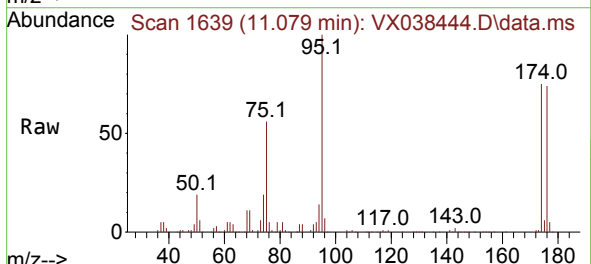
Tgt Ion: 75 Resp: 60662

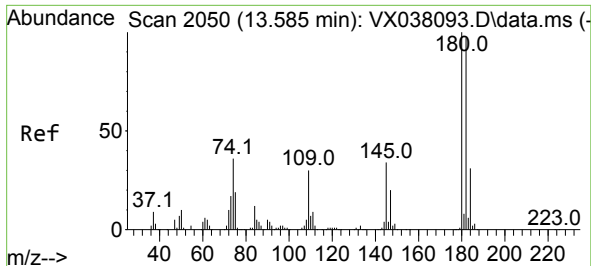
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

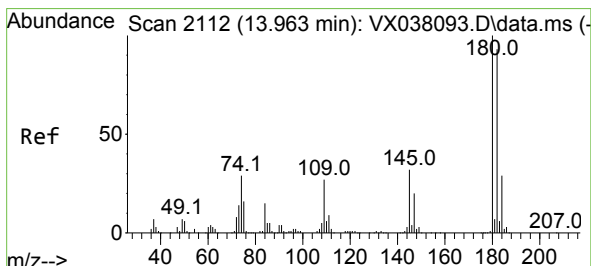
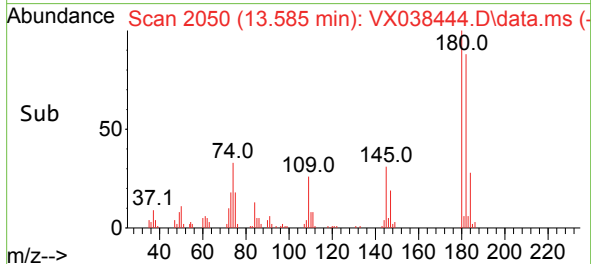
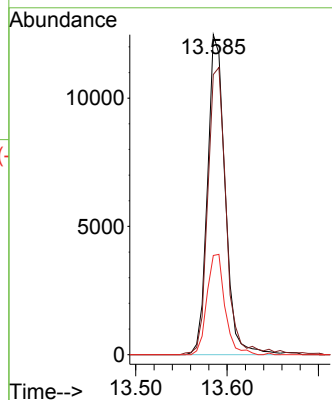
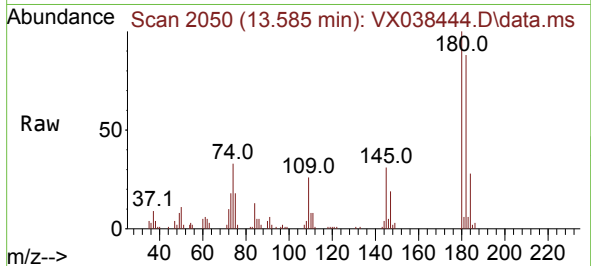




#93
1,2,4-Trichlorobenzene
Concen: 6.255 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 16670
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.8
145 32.0 18.0 54.0



#96
1,2,3-Trichlorobenzene
Concen: 1.425 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038444.D
Acq: 23 Oct 2023 19:43

Tgt Ion:180 Resp: 3677
Ion Ratio Lower Upper
180 100
182 99.4 46.9 140.6
145 36.2 17.8 53.5

