

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038266.D
 Acq On : 12 Oct 2023 18:55
 Operator : JC/MD
 Sample : 04875-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:54:26 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)

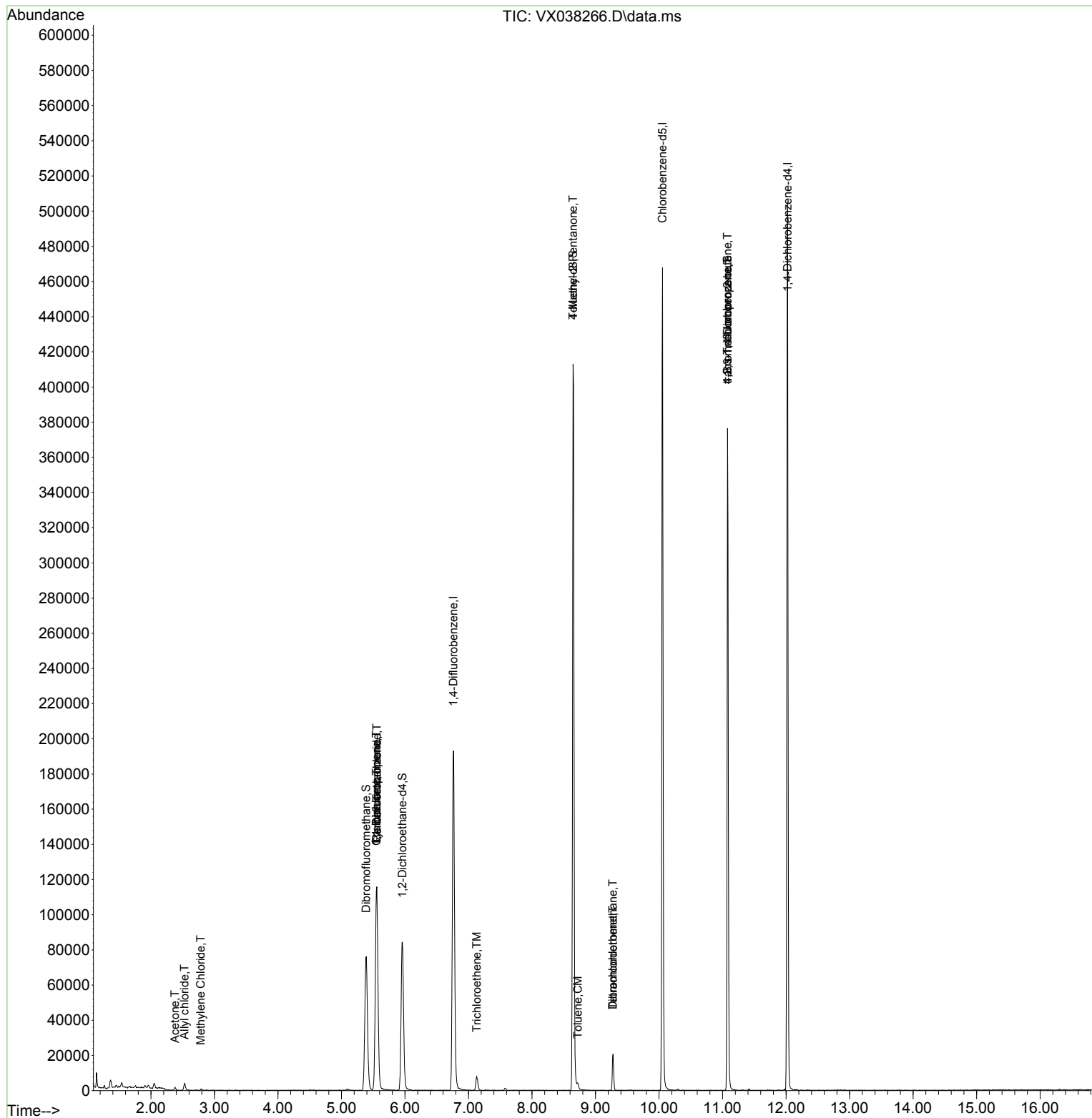
Internal Standards						
1) Pentafluorobenzene	5.556	168	110257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83273	46.956	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.920%
35) Dibromofluoromethane	5.385	113	66076	46.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	8.647	98	255011	46.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.680%
62) 4-Bromofluorobenzene	11.079	95	95763	46.399	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.800%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	97	Below Cal	#	43
11) Tert butyl alcohol	2.965	59	213	Below Cal	#	78
14) Allyl chloride	2.526	41	386	0.214	ug/l #	9
16) Acetone	2.380	43	1507	2.036	ug/l #	88
20) Methylene Chloride	2.782	84	365	0.262	ug/l #	67
31) Cyclohexane	5.550	56	2693	1.402	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	9283	4.725	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11342	5.869	ug/l #	16
44) Trichloroethene	7.129	130	3008	2.093	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1061	0.442	ug/l #	1
52) Toluene	8.720	92	1074	0.300	ug/l	92
60) Dibromochloromethane	9.275	129	3533	2.358	ug/l #	11
64) Tetrachloroethene	9.275	164	3497	2.620	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	52804	22.314	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52804	63.933	ug/l #	5

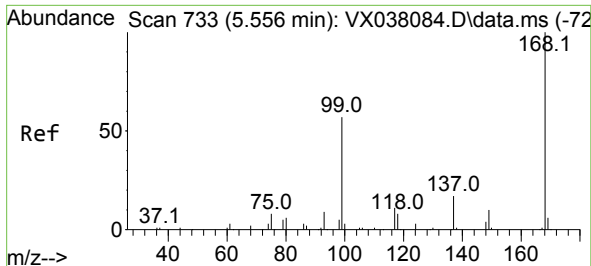
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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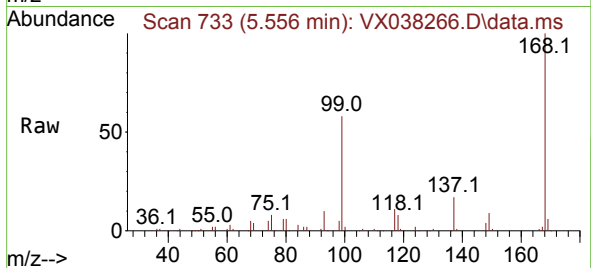
Quant Time: Oct 13 04:54:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



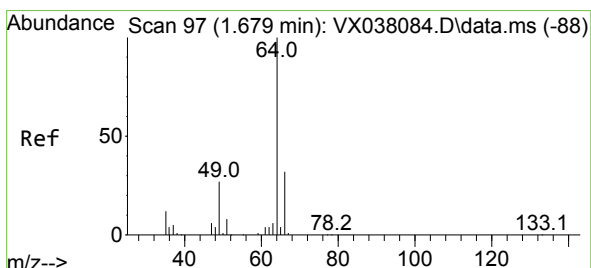
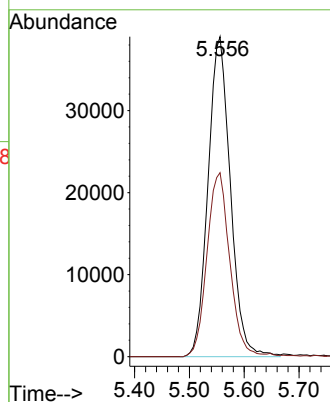
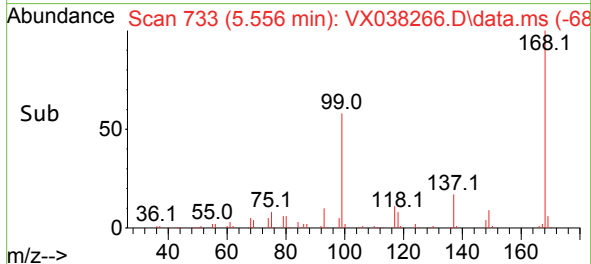


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

Instrument :
MSVOA_X
ClientSampleId :

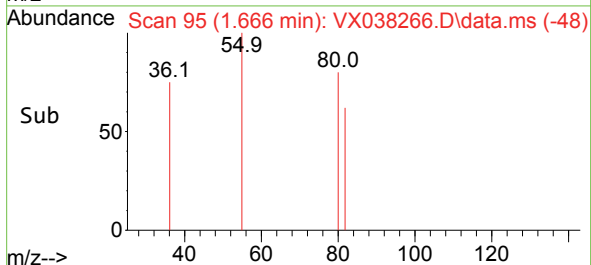
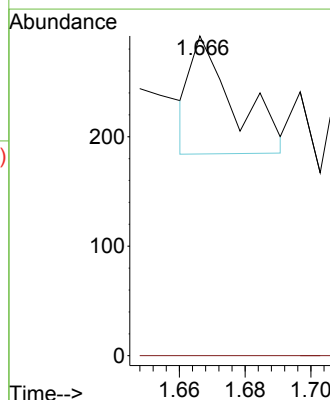
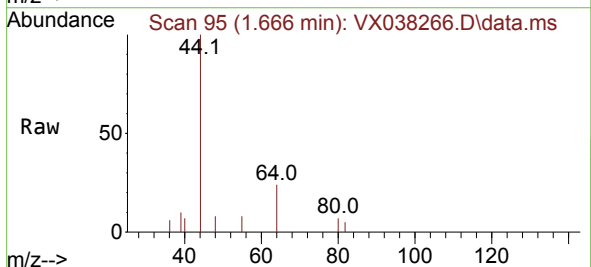


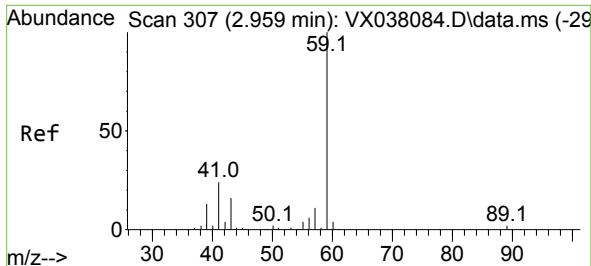
Tgt Ion:168 Resp: 110257
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

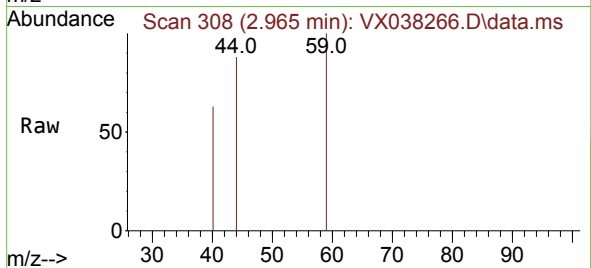
Tgt Ion: 64 Resp: 97
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



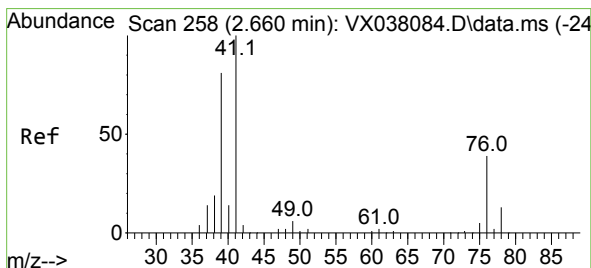
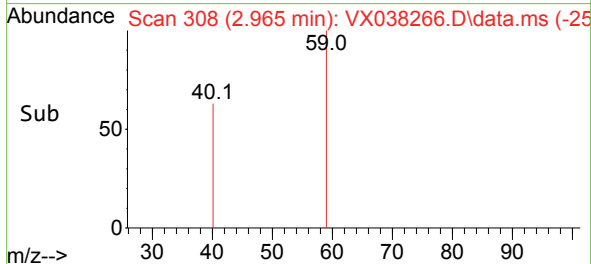
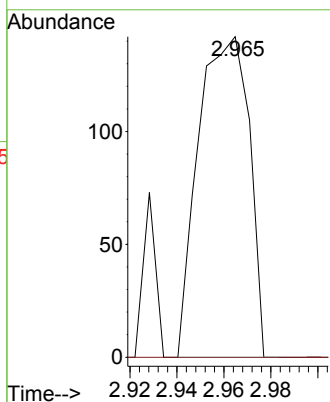


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

Instrument :
MSVOA_X
ClientSampleId :

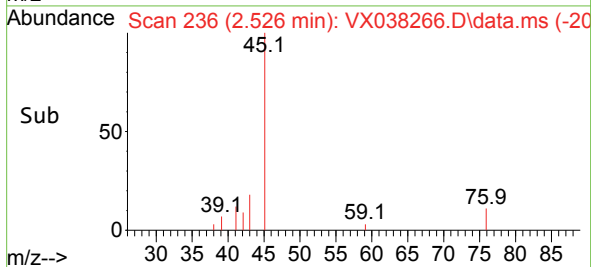
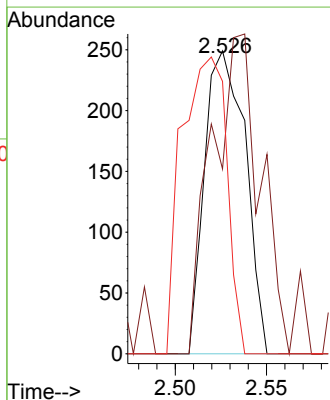
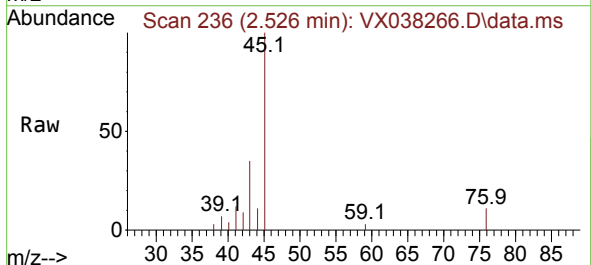


Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#14
Allyl chloride
Concen: 0.214 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.134 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

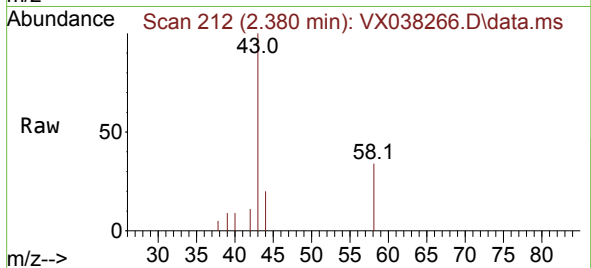
Tgt Ion: 41 Resp: 386
Ion Ratio Lower Upper
41 100
39 125.6 55.8 83.6#
76 108.3 24.3 36.5#



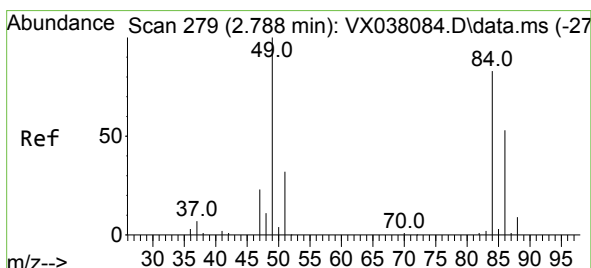
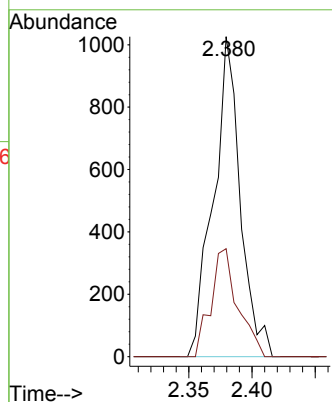
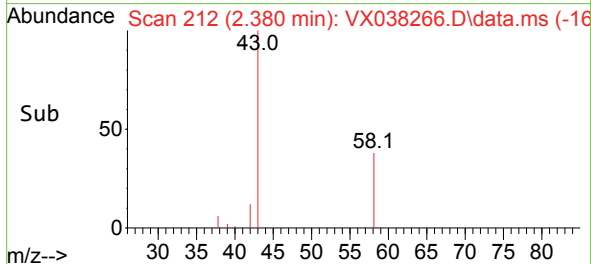


#16
Acetone
Concen: 2.036 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

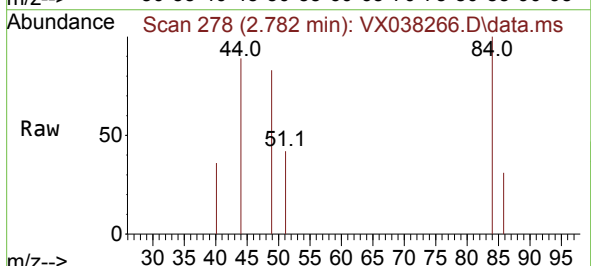
Instrument :
MSVOA_X
ClientSampleId :



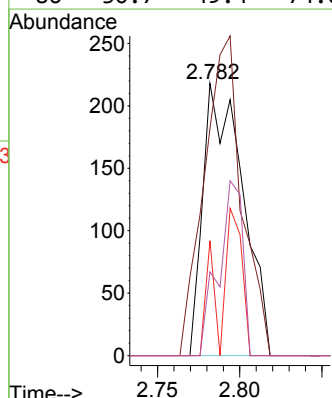
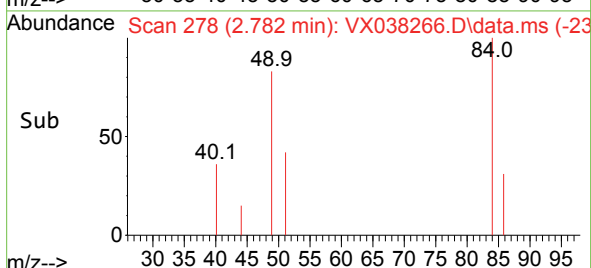
Tgt Ion: 43 Resp: 1507
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#

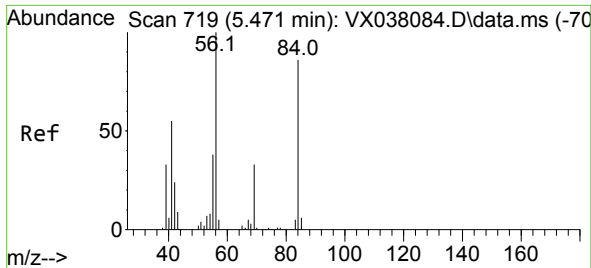


#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55



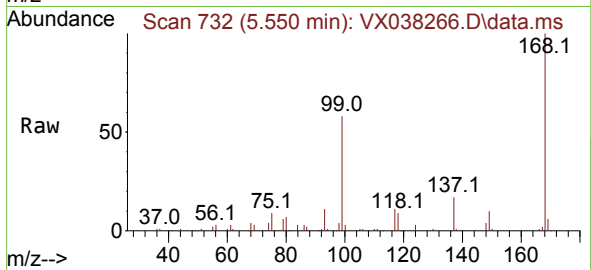
Tgt Ion: 84 Resp: 365
Ion Ratio Lower Upper
84 100
49 83.5 103.6 155.4#
51 42.2 33.8 50.6
86 30.7 49.4 74.0#



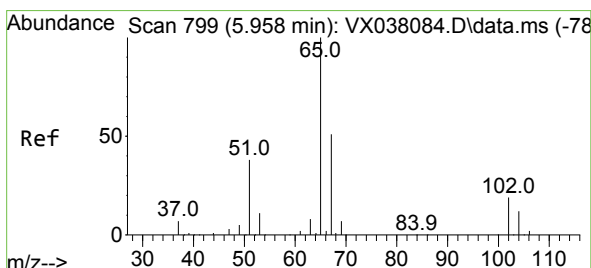
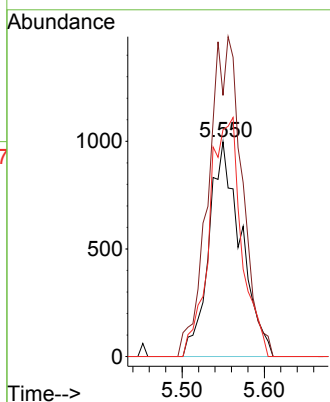
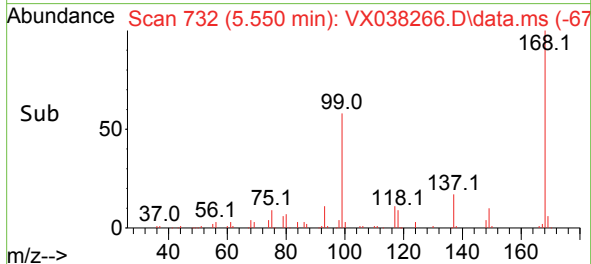


#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

Instrument :
MSVOA_X
ClientSampleId :

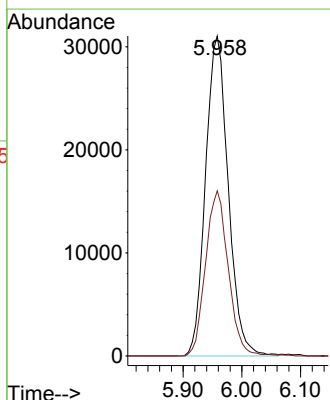
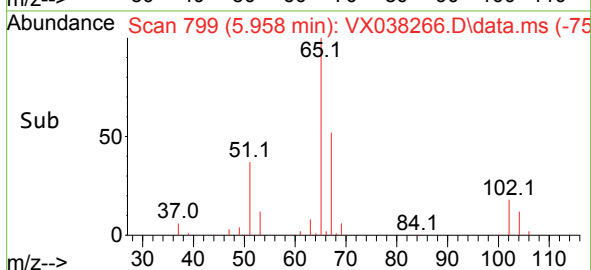
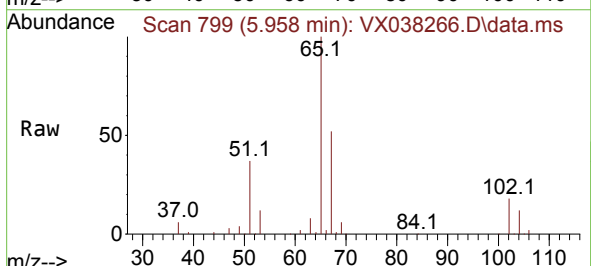


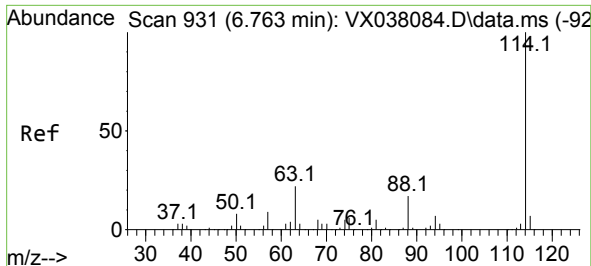
Tgt Ion: 56 Resp: 2693
Ion Ratio Lower Upper
56 100
69 121.5 23.4 35.2#
84 105.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.956 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

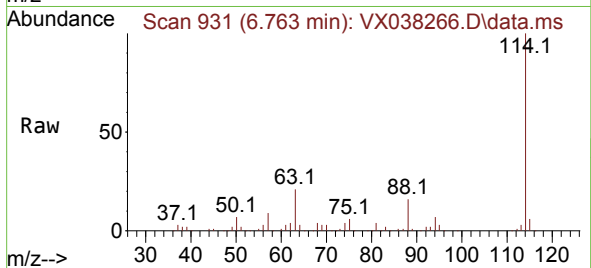
Tgt Ion: 65 Resp: 83273
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



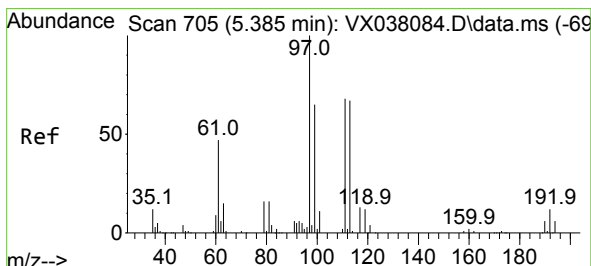
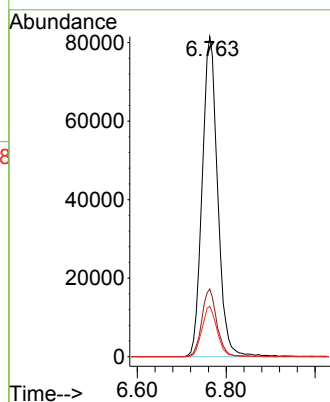
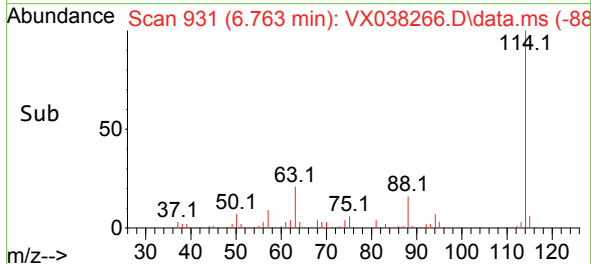


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

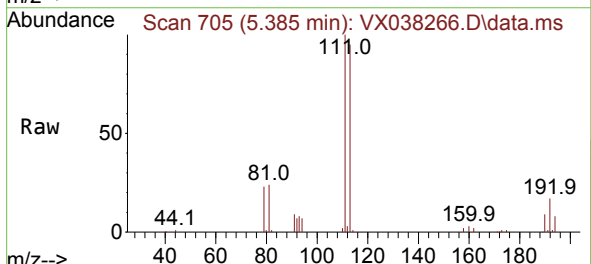
Instrument :
MSVOA_X
ClientSampleId :



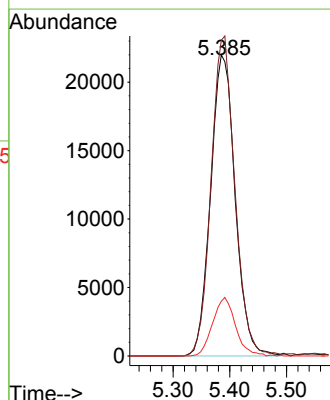
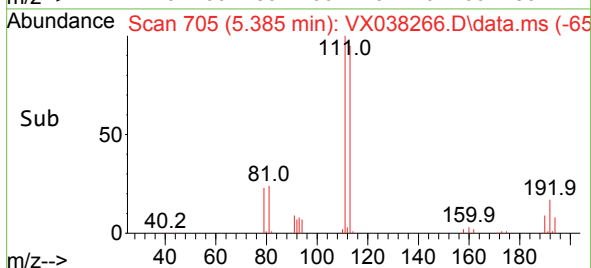
Tgt Ion:114 Resp: 197716
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.8 0.0 36.6

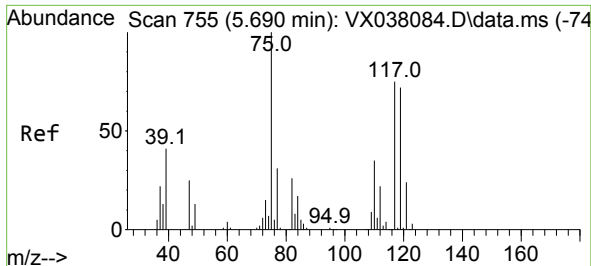


#35
Dibromofluoromethane
Concen: 46.380 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55



Tgt Ion:113 Resp: 66076
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.1 13.3 19.9

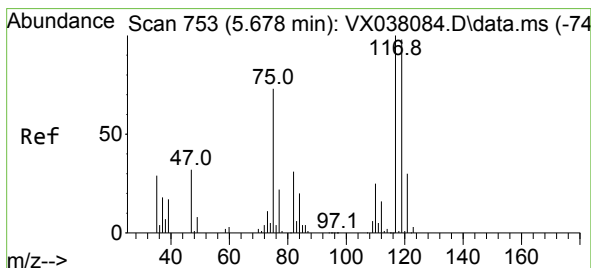
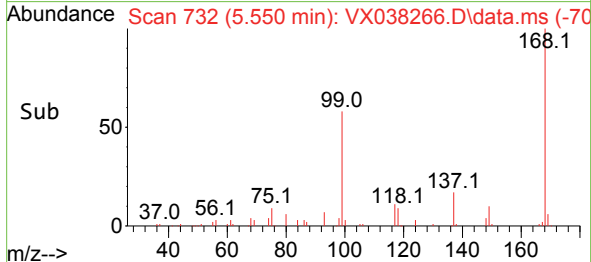
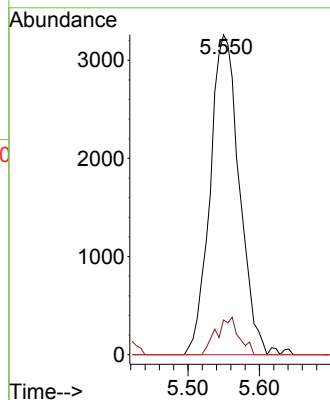
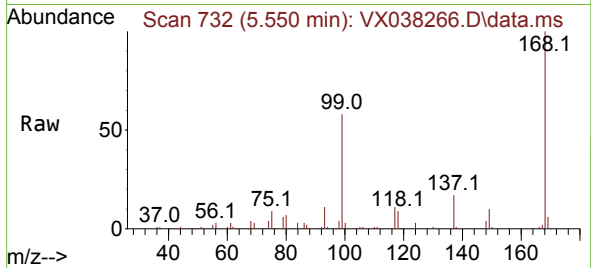




#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

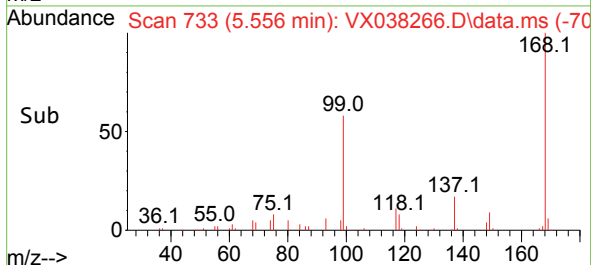
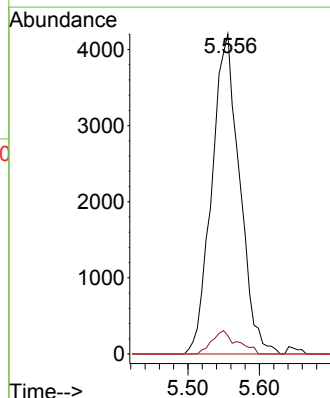
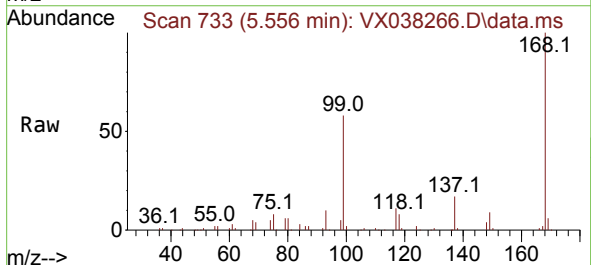
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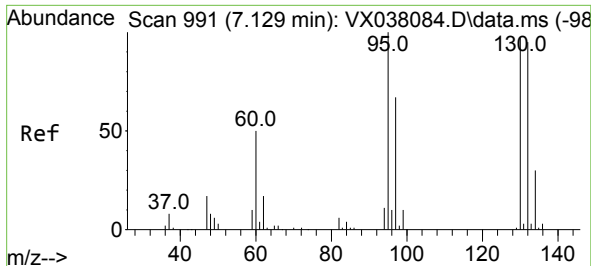
Tgt Ion: 75 Resp: 9283
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

Tgt Ion: 117 Resp: 11342
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

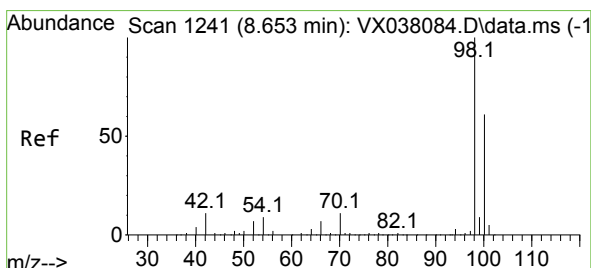
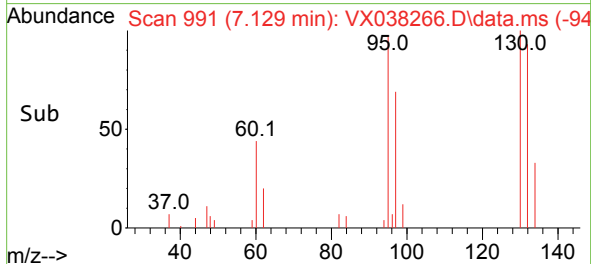
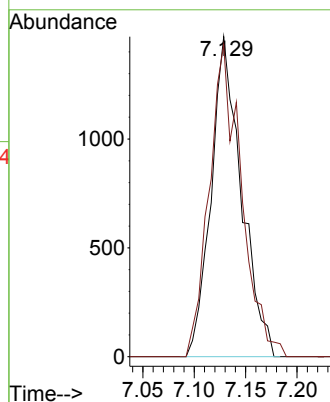
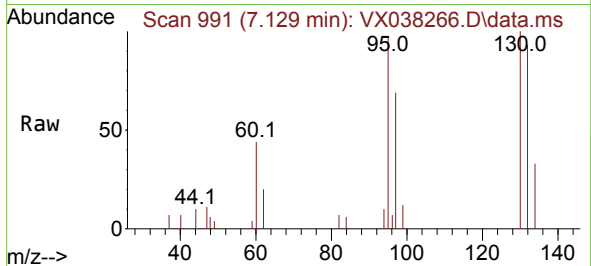




#44
Trichloroethene
Concen: 2.093 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

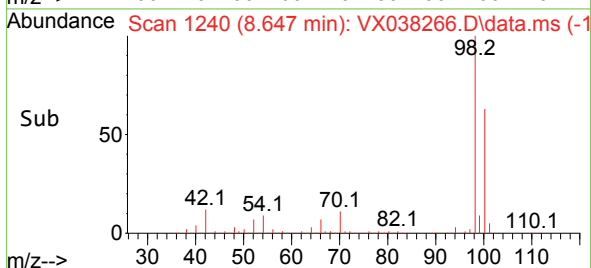
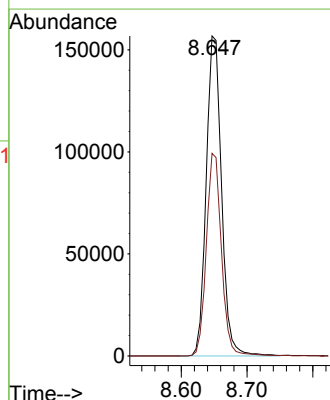
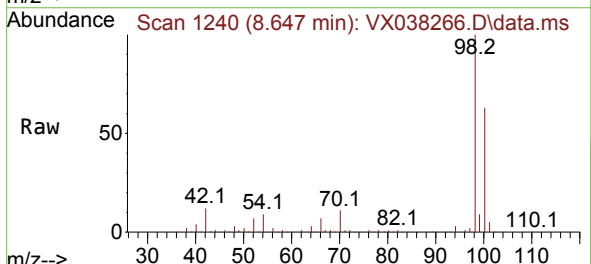
Instrument :
MSVOA_X
ClientSampleId :

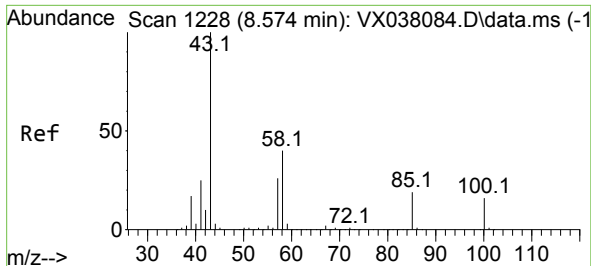
Tgt Ion:130 Resp: 3008
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.4



#50
Toluene-d8
Concen: 46.842 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

Tgt Ion: 98 Resp: 255011
Ion Ratio Lower Upper
98 100
100 62.3 53.1 79.7

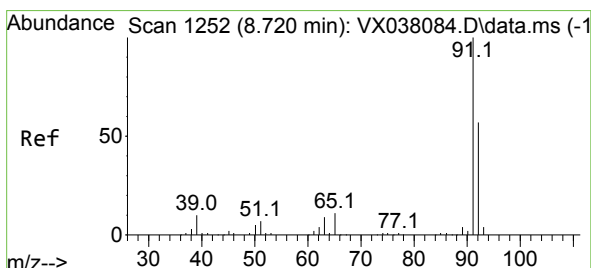
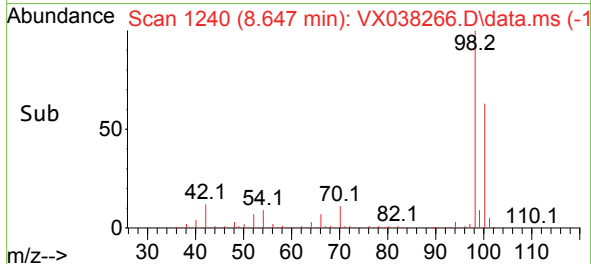
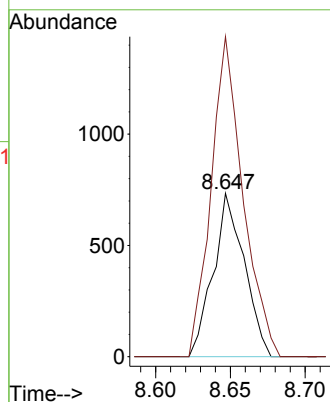
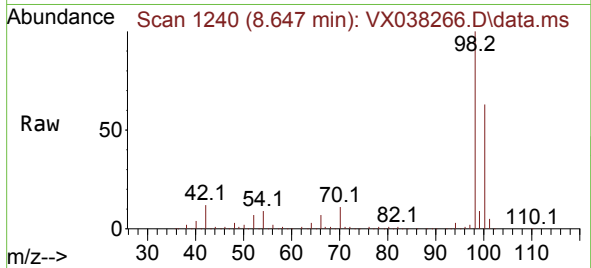




#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

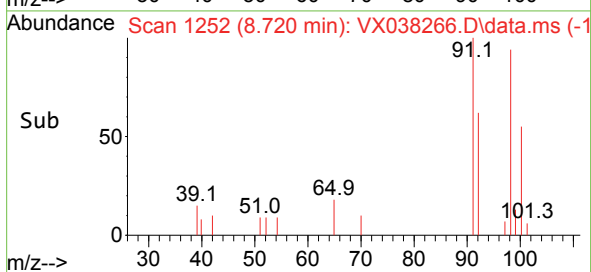
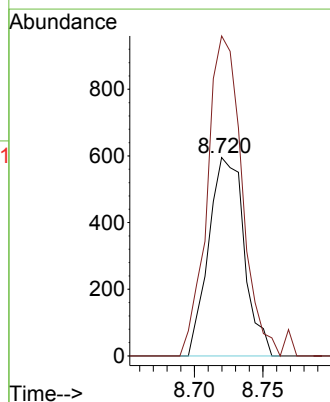
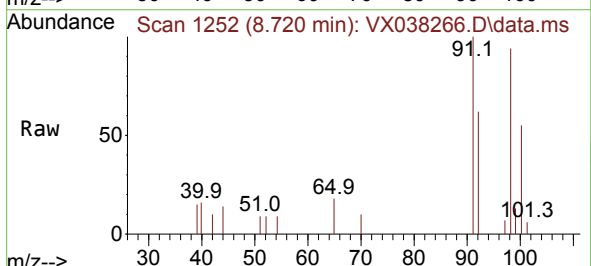
Instrument :
MSVOA_X
ClientSampleId :

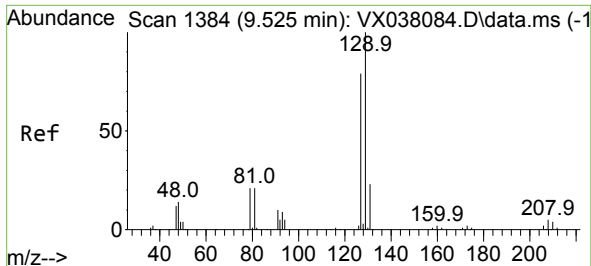
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 200.8 30.4 45.6#



#52
Toluene
Concen: 0.300 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

Tgt Ion: 92 Resp: 1074
Ion Ratio Lower Upper
92 100
91 157.4 134.2 201.2

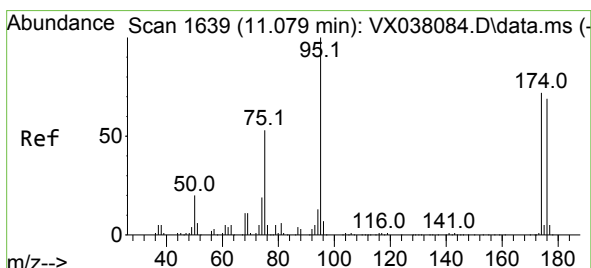
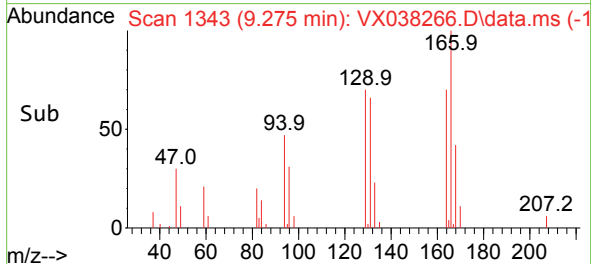
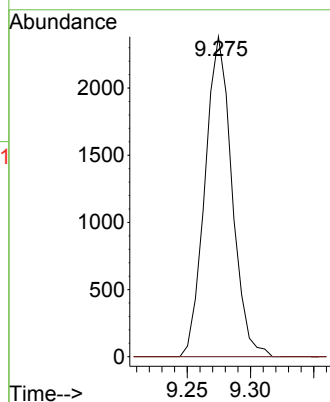
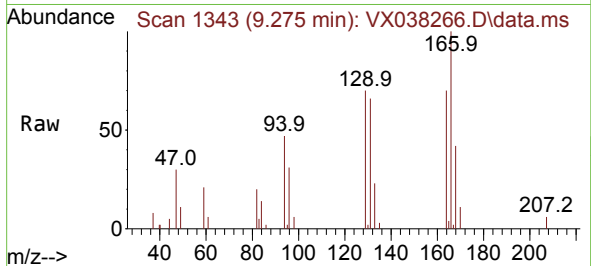




#60
Dibromochloromethane
Concen: 2.358 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

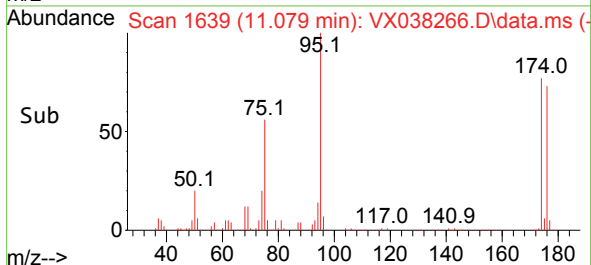
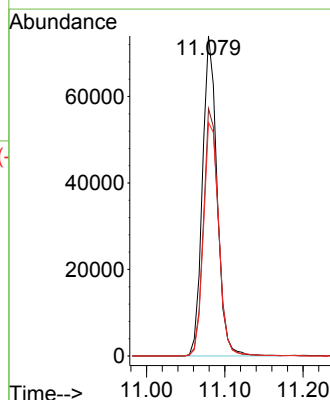
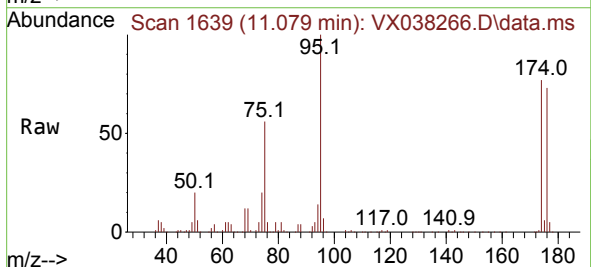
Instrument :
MSVOA_X
ClientSampleId :

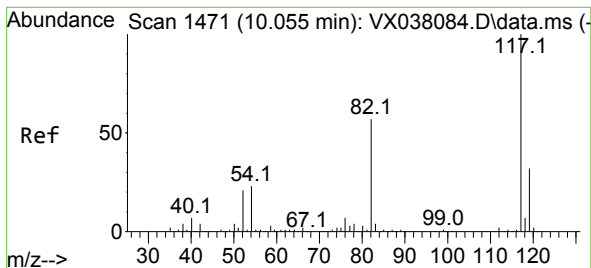
Tgt Ion:129 Resp: 3533
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

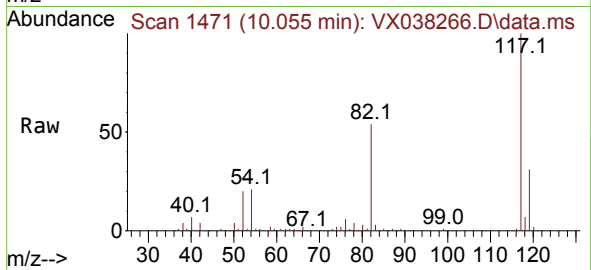
Tgt Ion: 95 Resp: 95763
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 76.5 0.0 131.0



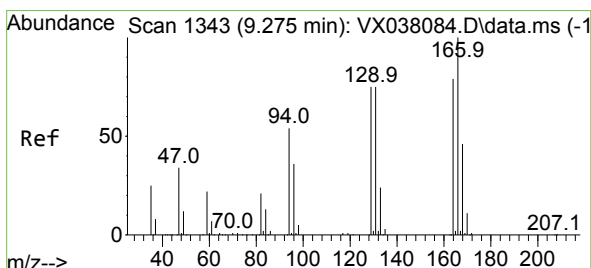
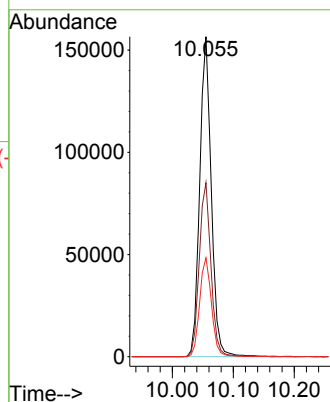
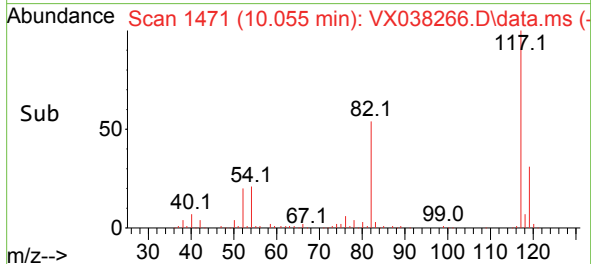


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55

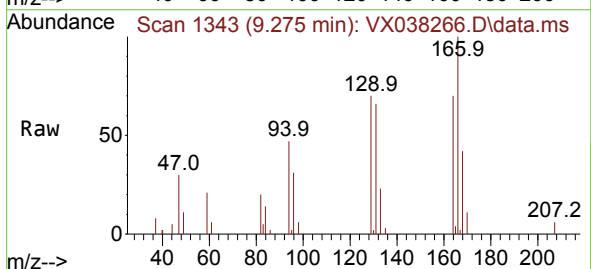
Instrument :
MSVOA_X
ClientSampleId :



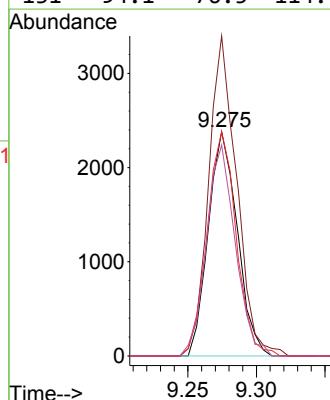
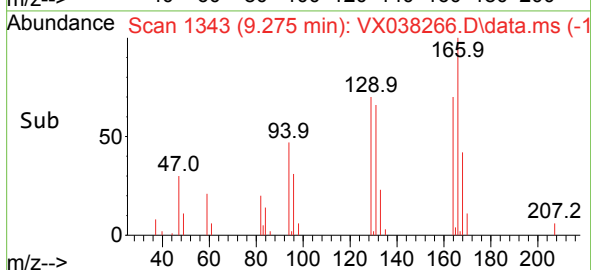
Tgt Ion:117 Resp: 206180
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 30.9 25.5 38.3

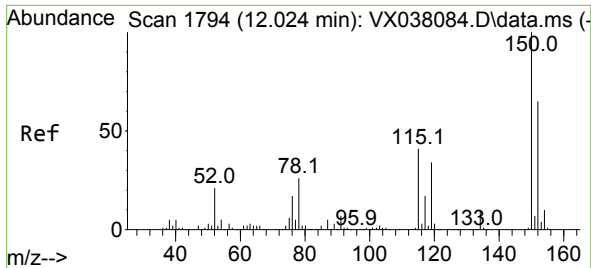


#64
Tetrachloroethene
Concen: 2.620 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038266.D
Acq: 12 Oct 2023 18:55



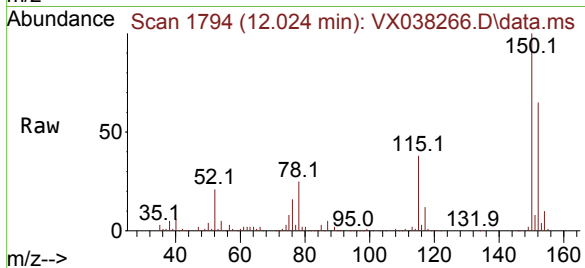
Tgt Ion:164 Resp: 3497
Ion Ratio Lower Upper
164 100
166 142.8 102.7 154.1
129 100.1 80.4 120.6
131 94.1 76.5 114.7



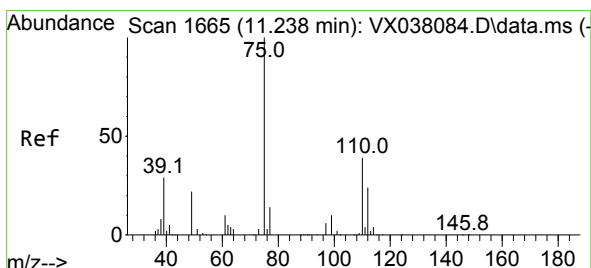
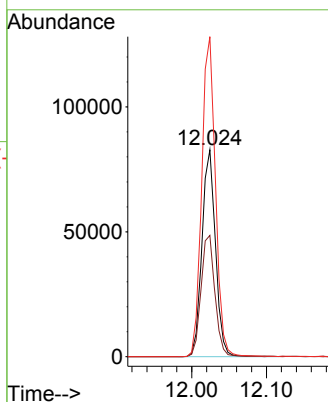
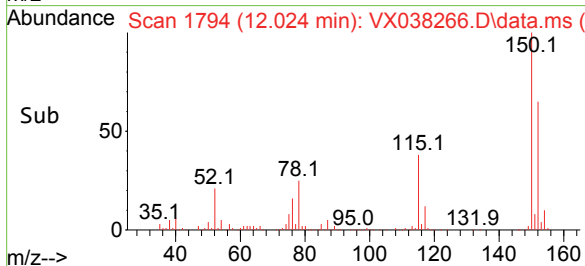


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038266.D
 Acq: 12 Oct 2023 18:55

Instrument :
 MSVOA_X
 ClientSampleId :

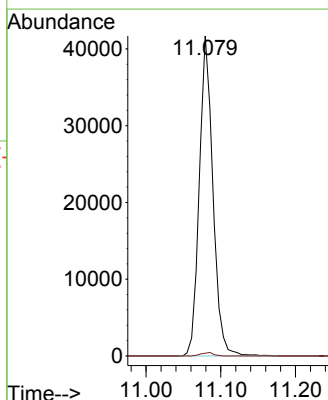
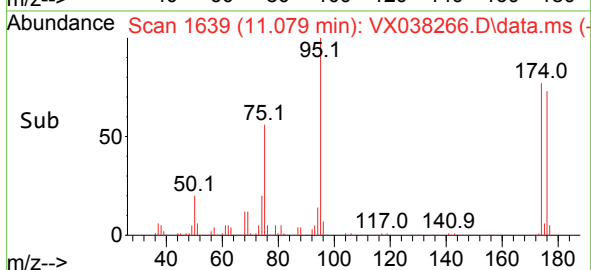
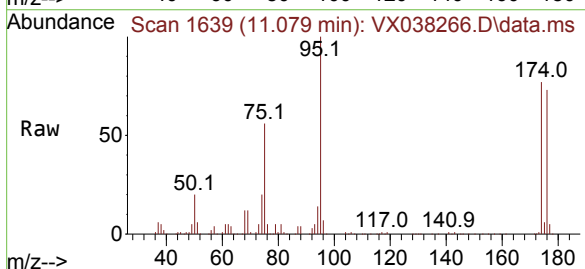


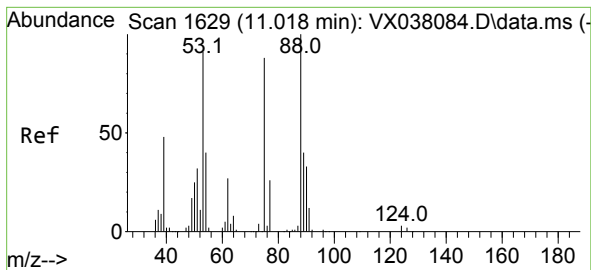
Tgt Ion:152 Resp: 104092
 Ion Ratio Lower Upper
 152 100
 115 60.5 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.314 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038266.D
 Acq: 12 Oct 2023 18:55

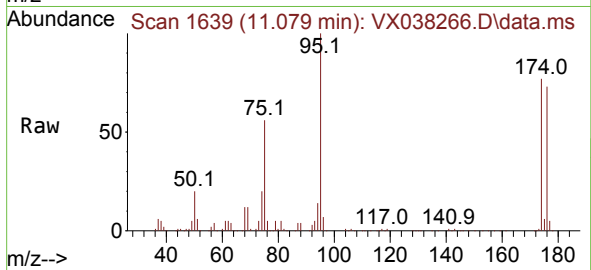
Tgt Ion: 75 Resp: 52804
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.933 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038266.D
 Acq: 12 Oct 2023 18:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52804
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

