

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038311.D
 Acq On : 16 Oct 2023 18:04
 Operator : JC/MD
 Sample : 04899-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:26:27 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)

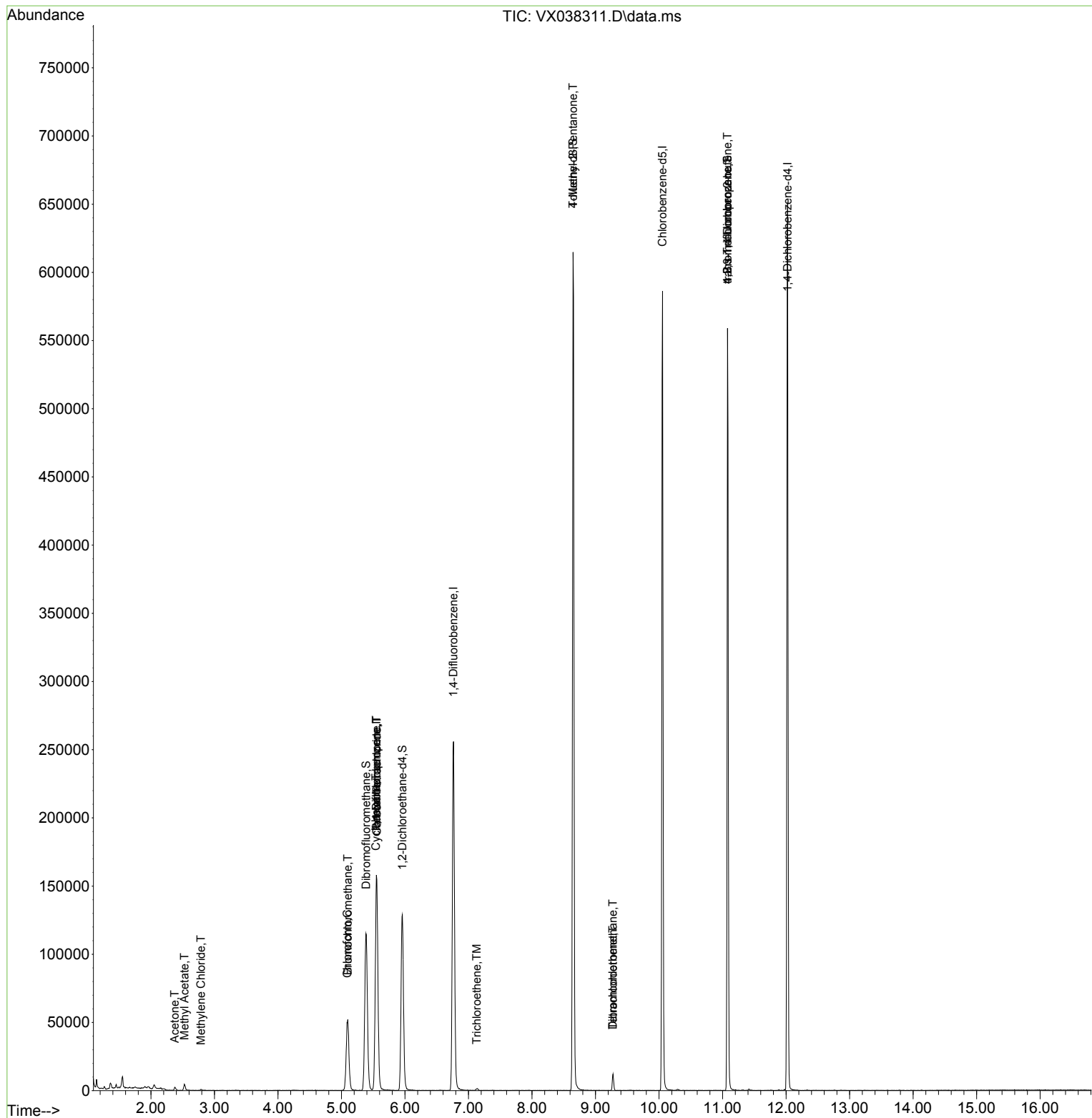
Internal Standards						
1) Pentafluorobenzene	5.550	168	146105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126849	53.978	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.960%	
35) Dibromofluoromethane	5.385	113	100171	53.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.080%	
50) Toluene-d8	8.647	98	372430	51.606	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	11.079	95	138994	50.802	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	22	Below Cal		95
6) Chloroethane	1.666	64	168	Below Cal	#	43
16) Acetone	2.373	43	2481	2.530	ug/l	99
18) Methyl Acetate	2.526	43	1393	0.331	ug/l #	53
20) Methylene Chloride	2.788	84	376	0.204	ug/l #	56
28) Bromochloromethane	5.099	49	4953	3.608	ug/l #	16
30) Chloroform	5.092	83	60326	18.140	ug/l	100
31) Cyclohexane	5.544	56	3694	1.451	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	12210	4.688	ug/l #	52
38) Carbon Tetrachloride	5.556	117	15544	6.067	ug/l #	15
44) Trichloroethene	7.129	130	691	0.363	ug/l	69
51) 4-Methyl-2-Pentanone	8.647	43	1714	0.538	ug/l #	1
60) Dibromochloromethane	9.275	129	2154	1.084	ug/l #	11
64) Tetrachloroethene	9.275	164	2066	1.228	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	76081	24.831	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	76081	70.689	ug/l #	5

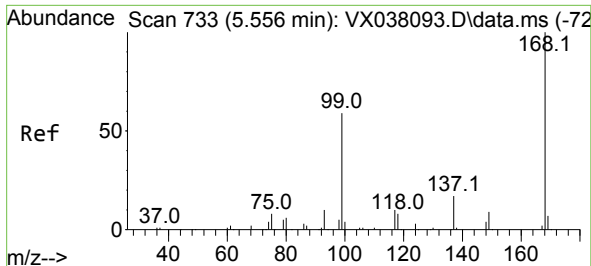
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
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Instrument :
MSVOA_X
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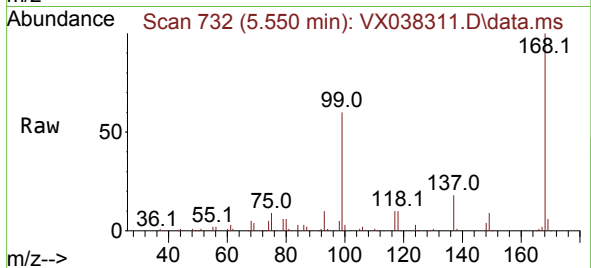
Quant Time: Oct 17 01:26:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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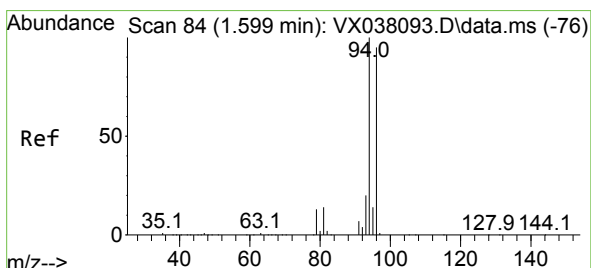
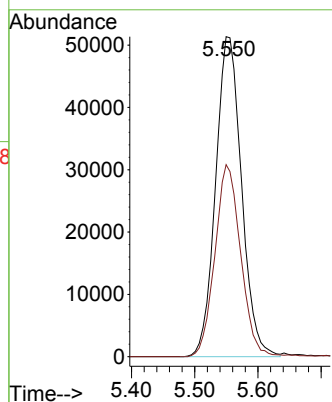
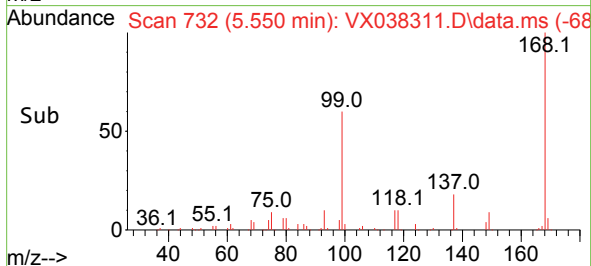


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

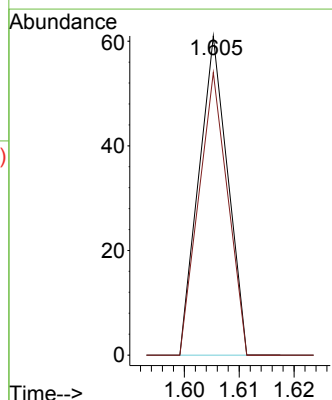
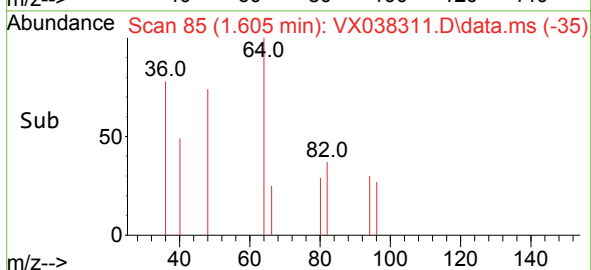
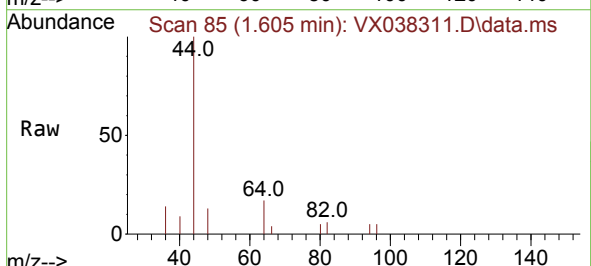


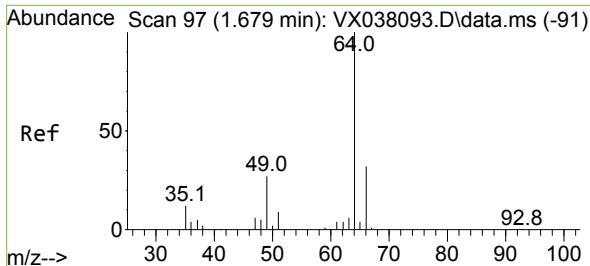
Tgt Ion:168 Resp: 146105
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

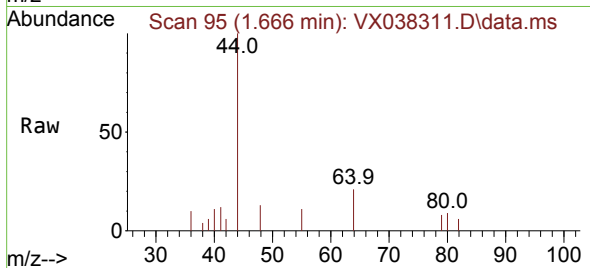
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 88.5 74.6 111.8



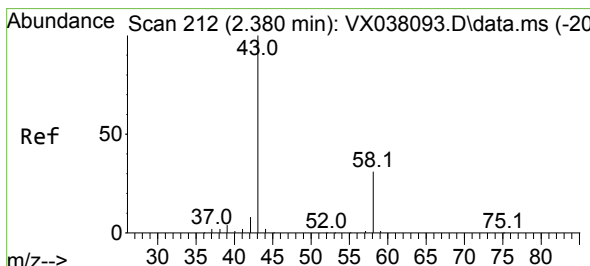
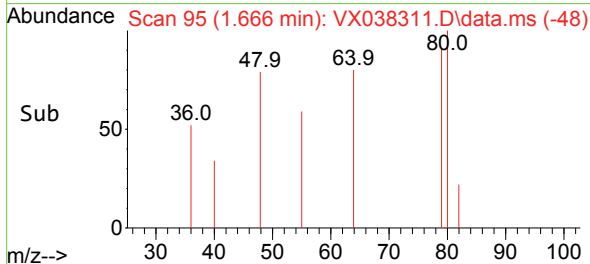
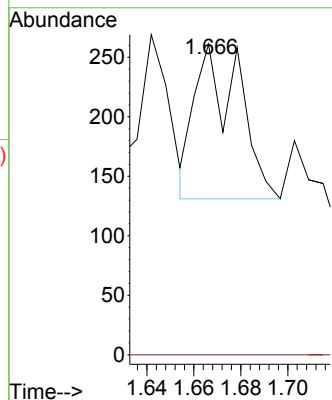


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

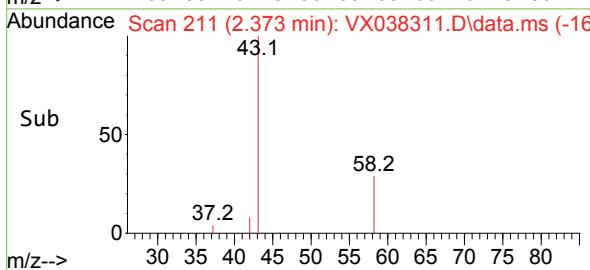
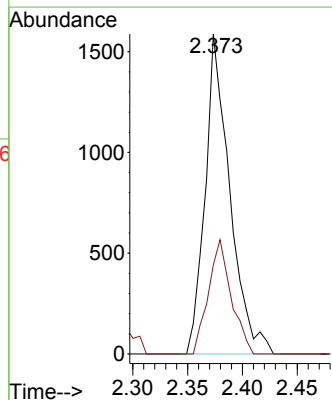
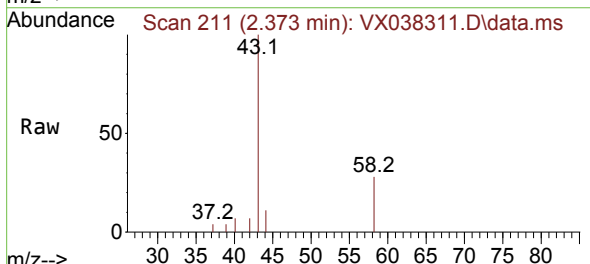


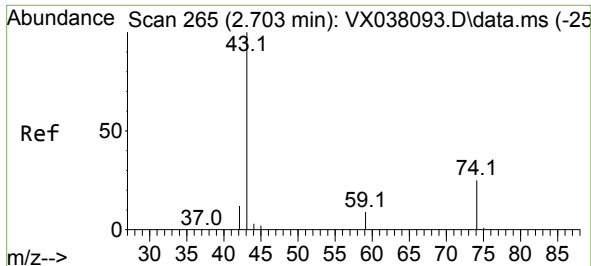
Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.530 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9

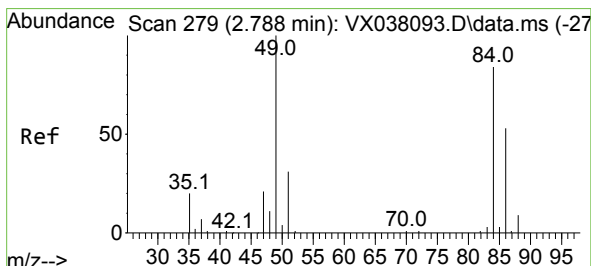
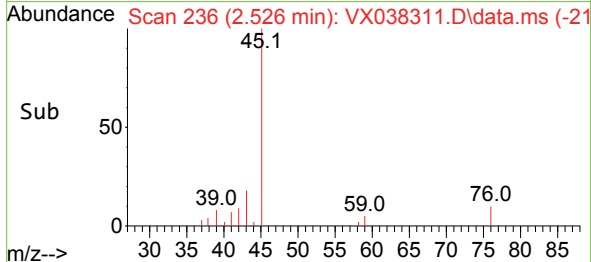
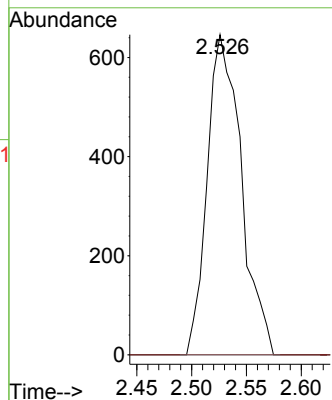
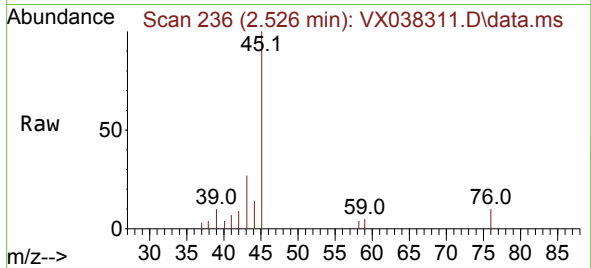




#18
Methyl Acetate
Concen: 0.331 ug/l
RT: 2.526 min Scan# 213
Delta R.T. -0.177 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

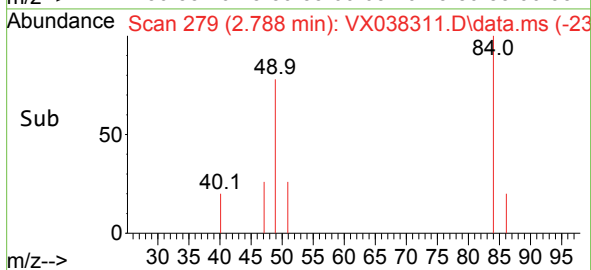
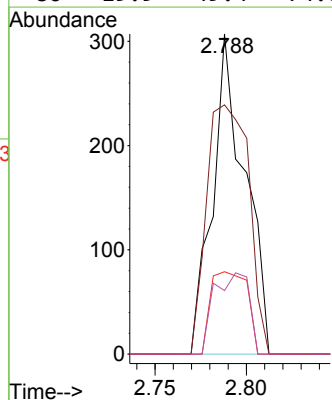
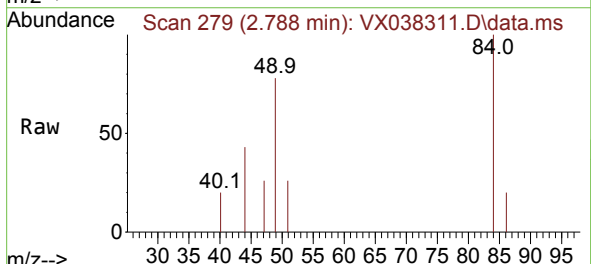
Instrument :
MSVOA_X
ClientSampleId :

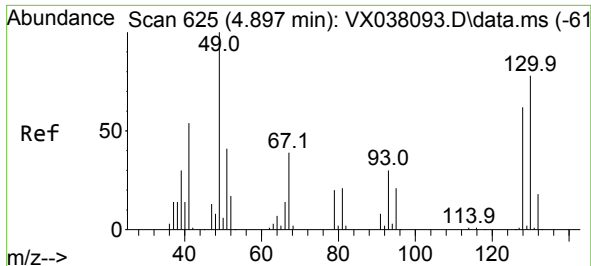
Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Tgt Ion: 84 Resp: 376
Ion Ratio Lower Upper
84 100
49 77.9 103.6 155.4#
51 25.7 33.8 50.6#
86 19.9 49.4 74.0#

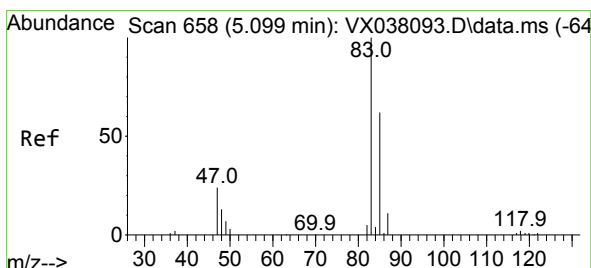
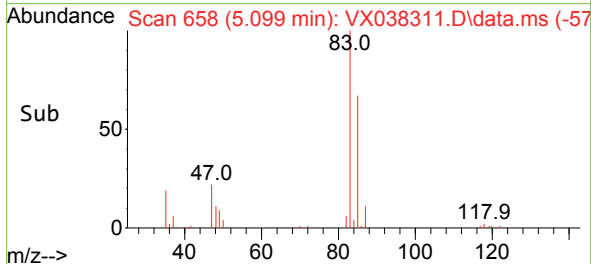
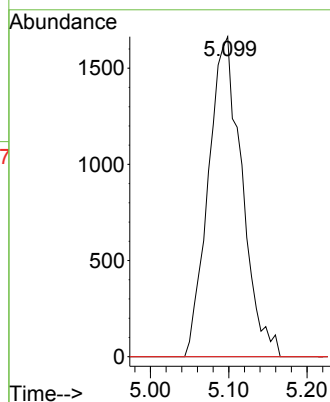
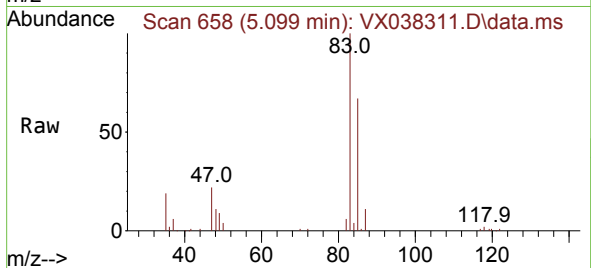




#28
Bromochloromethane
Concen: 3.608 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.202 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

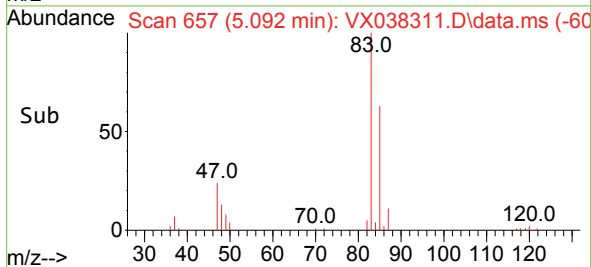
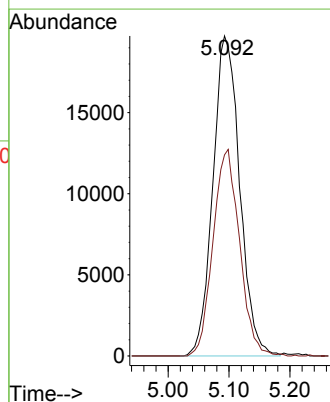
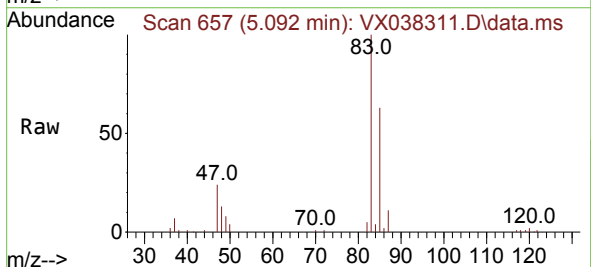
Instrument :
MSVOA_X
ClientSampleId :

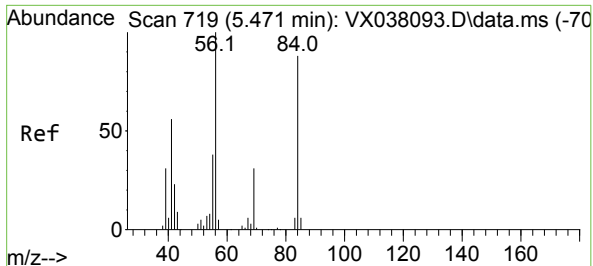
Tgt Ion: 49 Resp: 4953
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 18.140 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

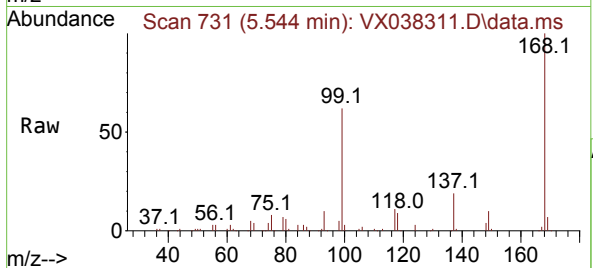
Tgt Ion: 83 Resp: 60326
Ion Ratio Lower Upper
83 100
85 62.8 50.3 75.5



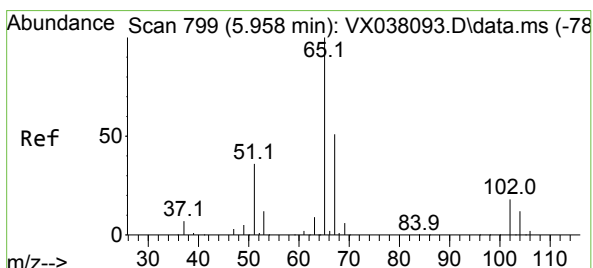
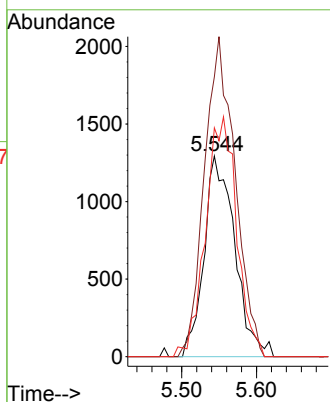
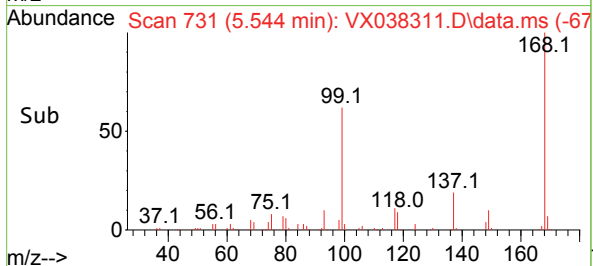


#31
Cyclohexane
Concen: 1.451 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

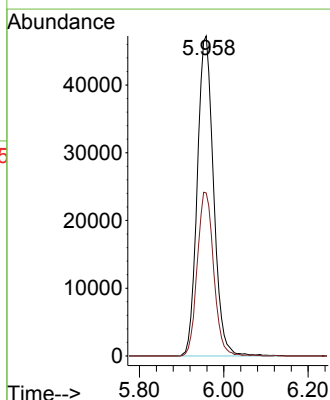
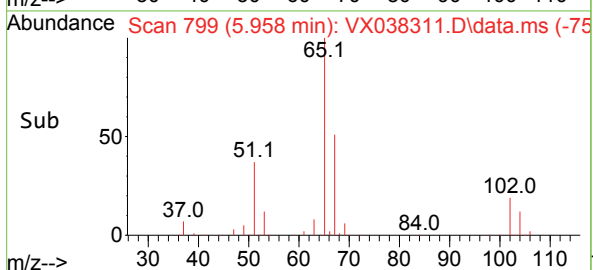
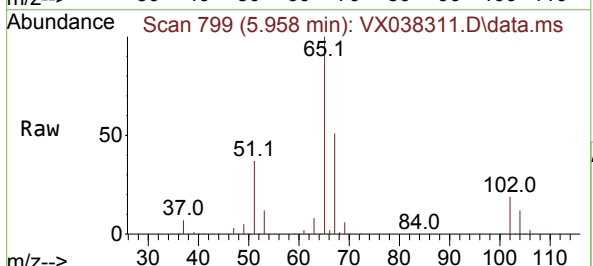


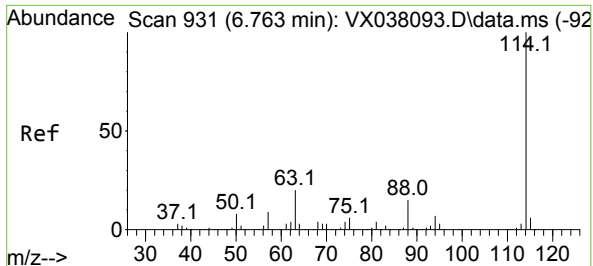
Tgt Ion: 56 Resp: 3694
Ion Ratio Lower Upper
56 100
69 139.5 23.4 35.2#
84 114.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.978 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Tgt Ion: 65 Resp: 126849
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

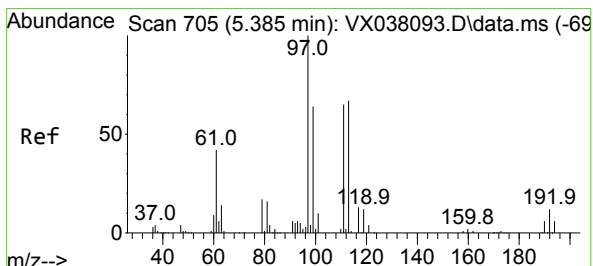
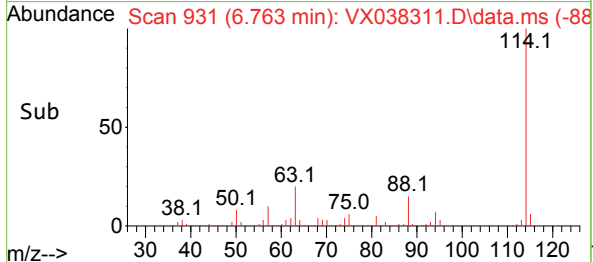
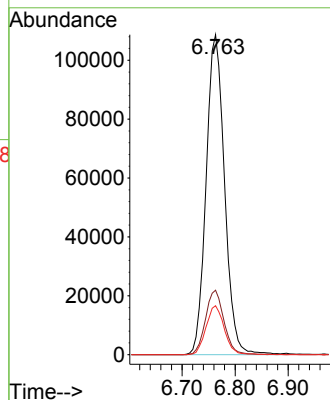
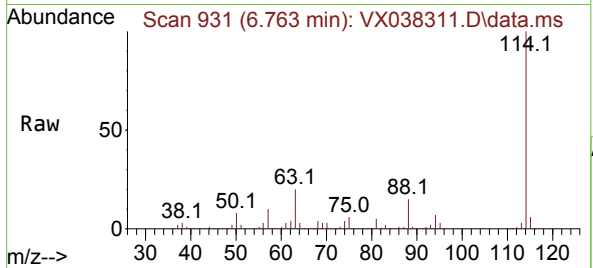




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

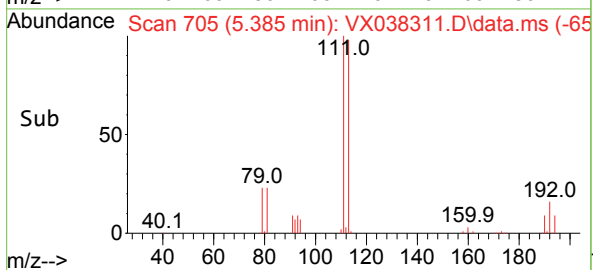
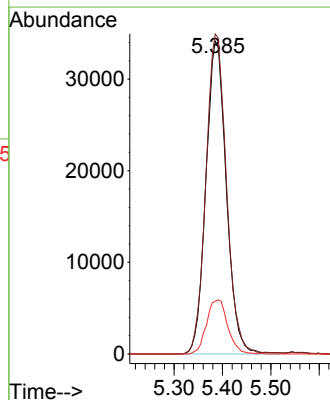
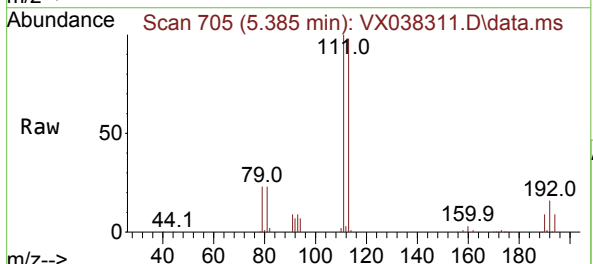
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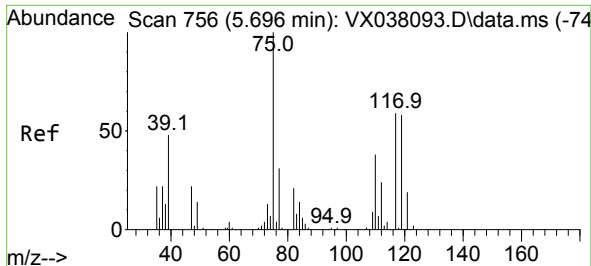
Tgt Ion:114 Resp: 262102
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.040 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

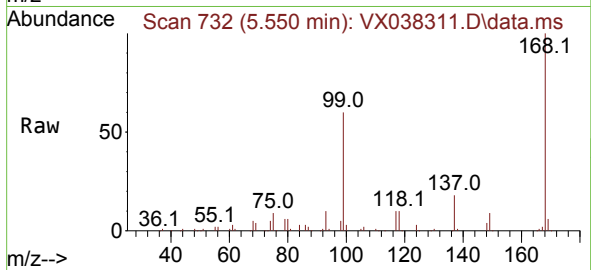
Tgt Ion:113 Resp: 100171
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 17.9 13.3 19.9



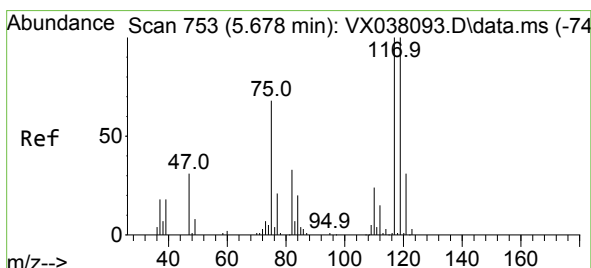
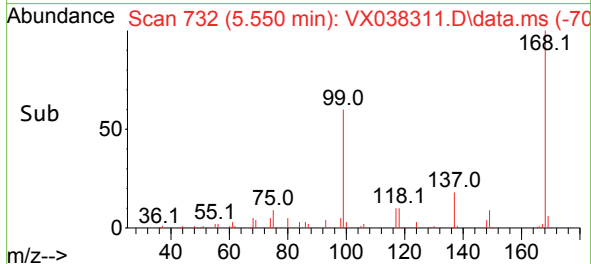
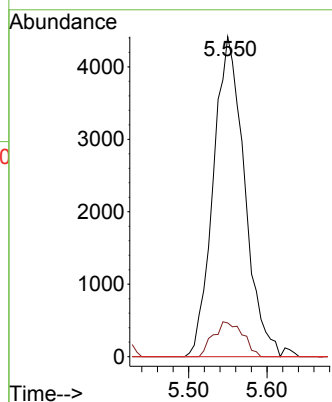


#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :

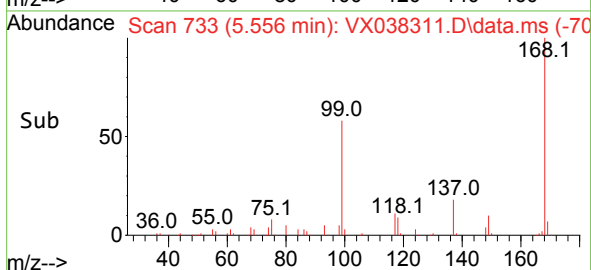
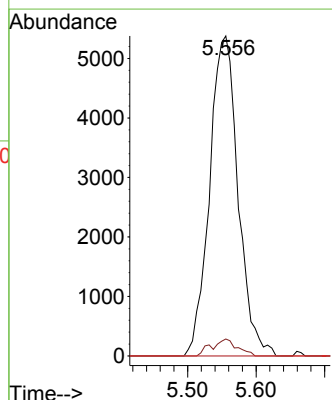
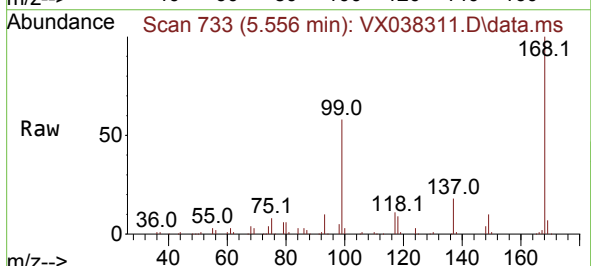


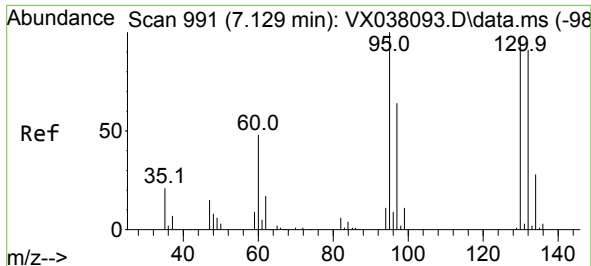
Tgt Ion: 75 Resp: 12210
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Tgt Ion: 117 Resp: 15544
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

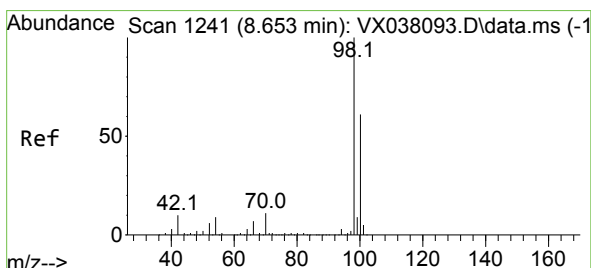
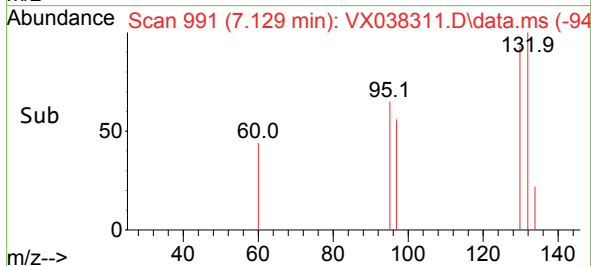
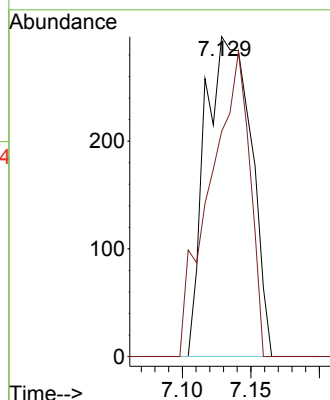
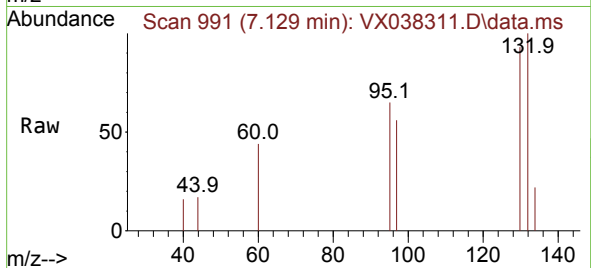




#44
Trichloroethene
Concen: 0.363 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

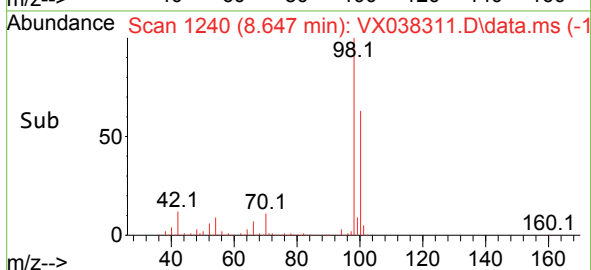
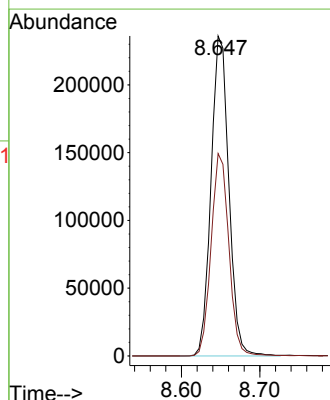
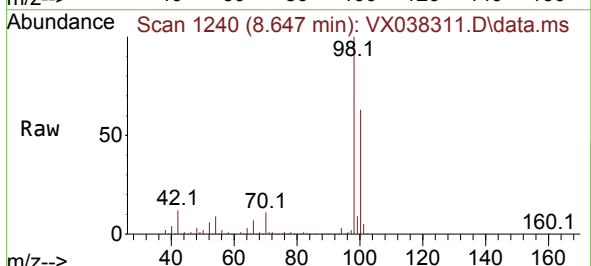
Instrument :
MSVOA_X
ClientSampleId :

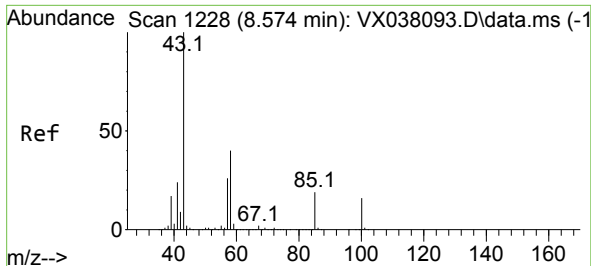
Tgt Ion:130 Resp: 691
Ion Ratio Lower Upper
130 100
95 70.4 0.0 204.4



#50
Toluene-d8
Concen: 51.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Tgt Ion: 98 Resp: 372430
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

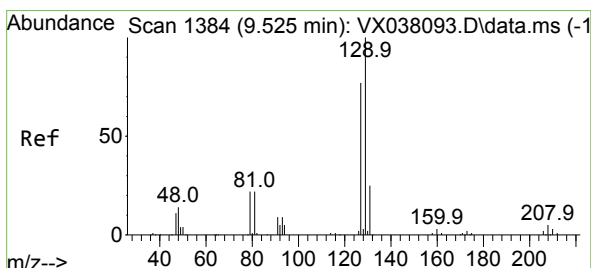
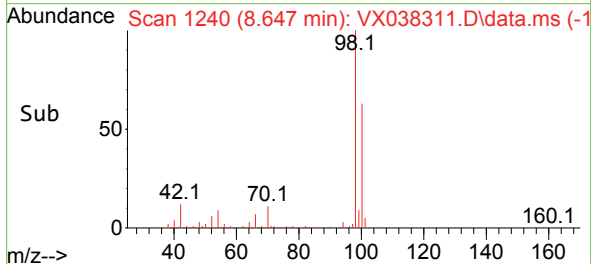
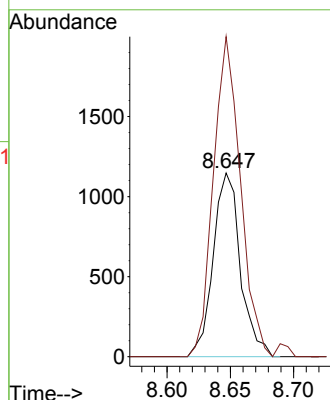
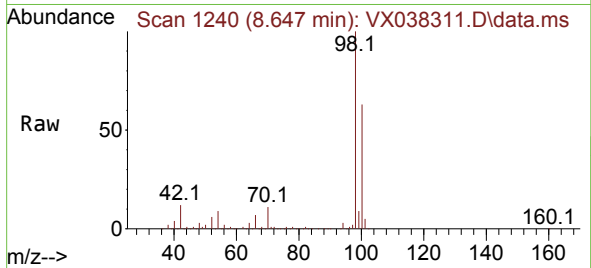




#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

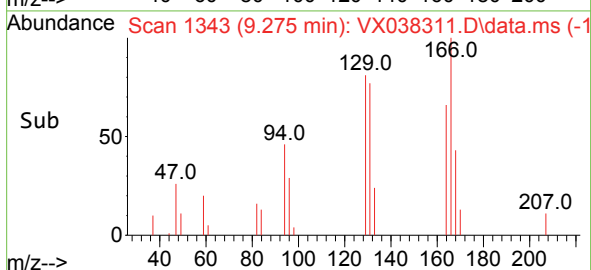
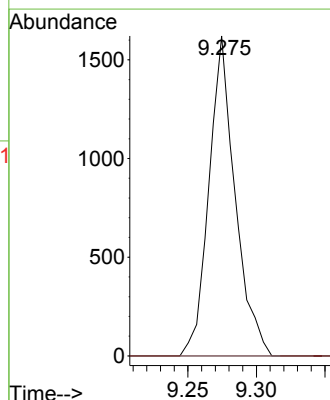
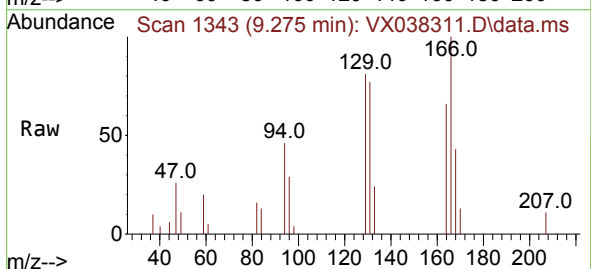
Instrument :
MSVOA_X
ClientSampleId :

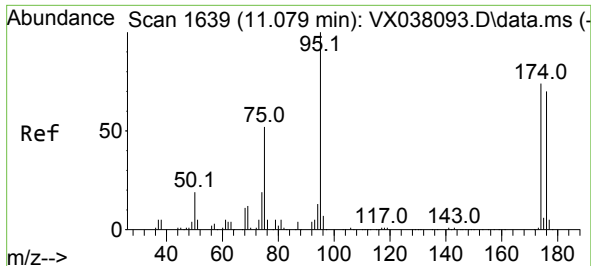
Tgt Ion: 43 Resp: 1714
Ion Ratio Lower Upper
43 100
58 173.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.084 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

Tgt Ion: 129 Resp: 2154
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

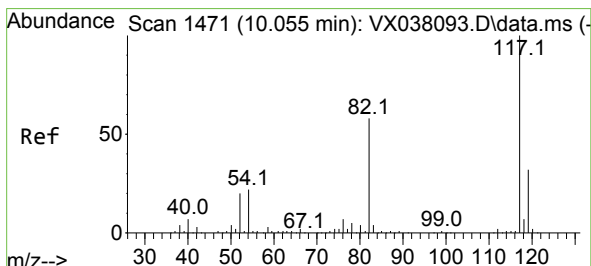
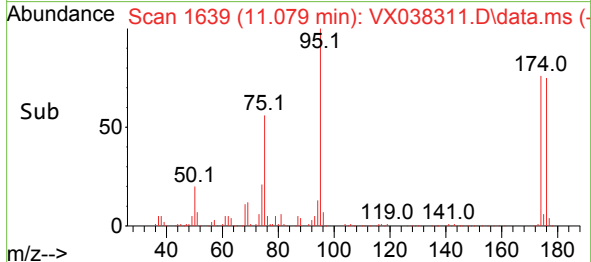
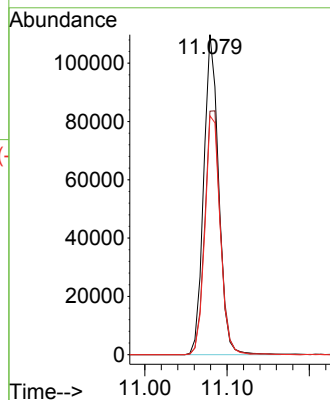
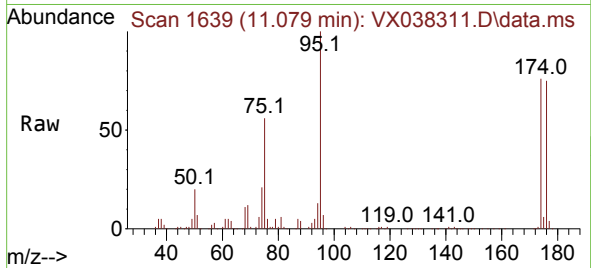




#62
4-Bromofluorobenzene
Concen: 50.802 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

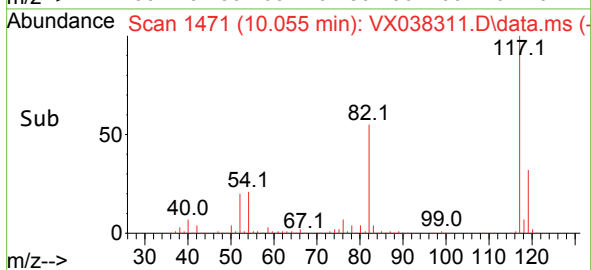
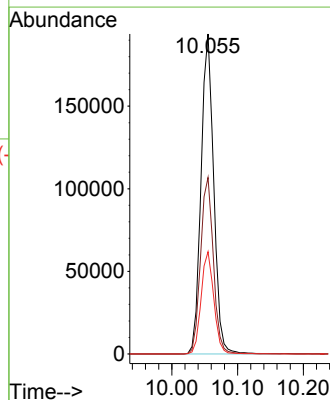
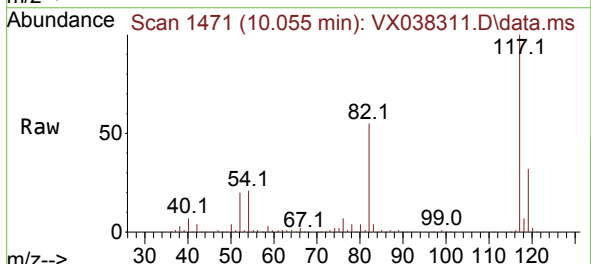
Instrument :
MSVOA_X
ClientSampleId :

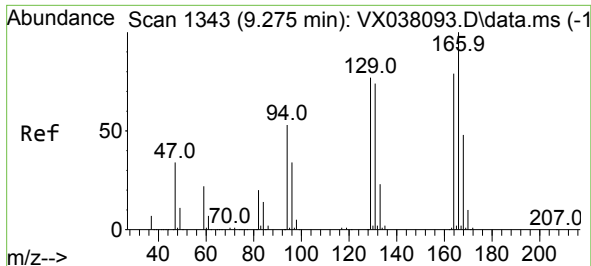
Tgt Ion: 95 Resp: 138994
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 76.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

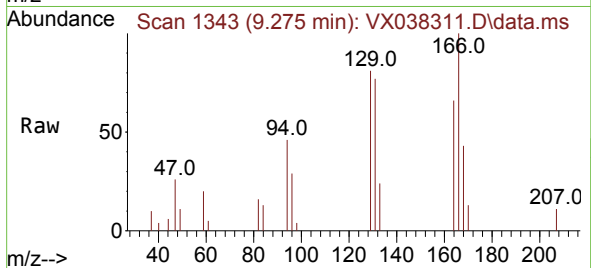
Tgt Ion: 117 Resp: 259887
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.0 25.5 38.3



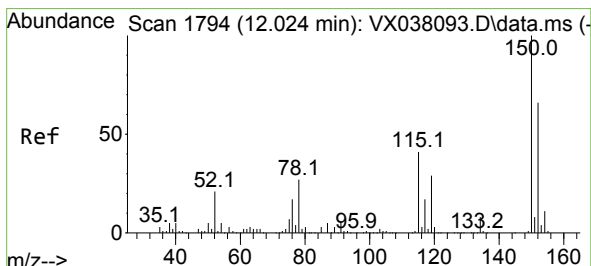
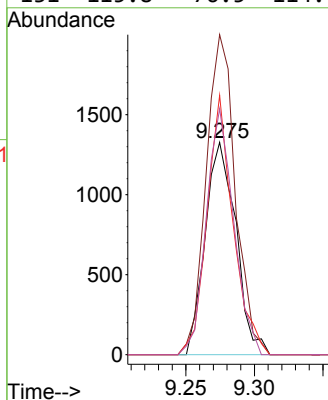
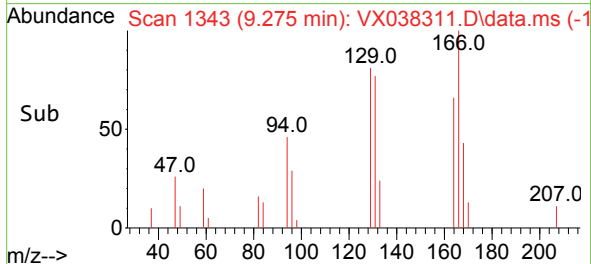


#64
Tetrachloroethene
Concen: 1.228 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

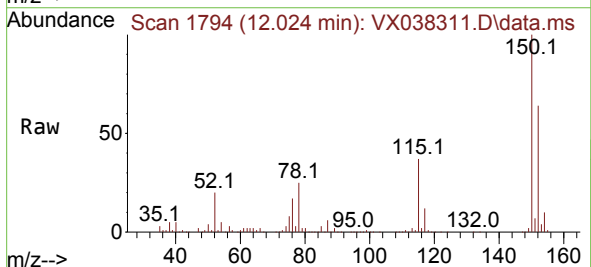
Instrument :
MSVOA_X
ClientSampleId :



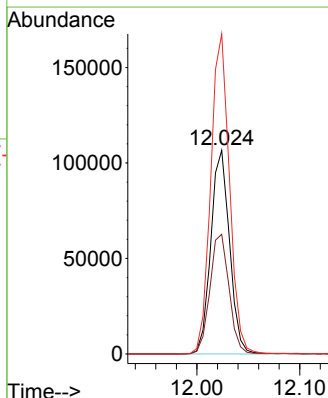
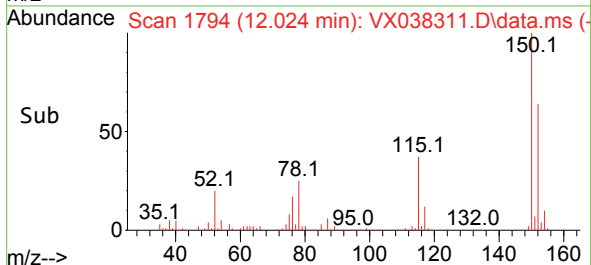
Tgt Ion:164 Resp: 2066
Ion Ratio Lower Upper
164 100
166 150.7 102.7 154.1
129 122.2 80.4 120.6#
131 115.8 76.5 114.7#

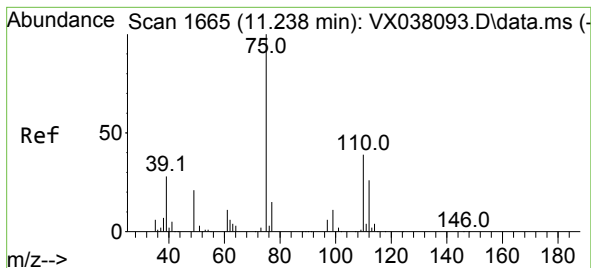


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04



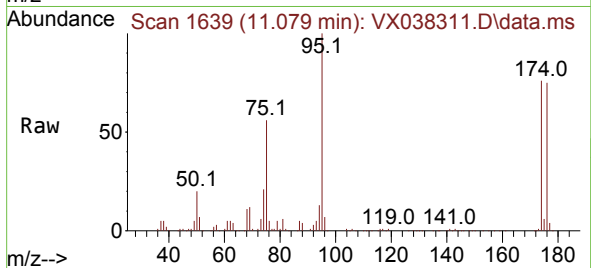
Tgt Ion:152 Resp: 134777
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 157.4 0.0 345.0



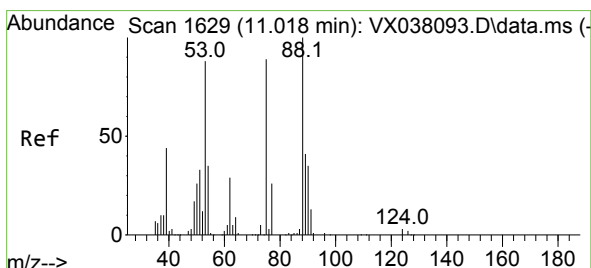
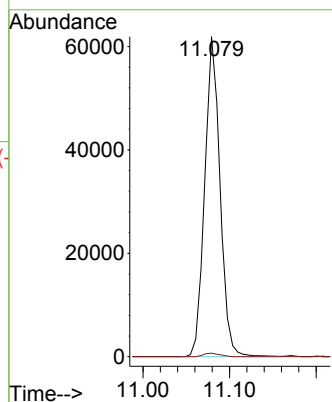
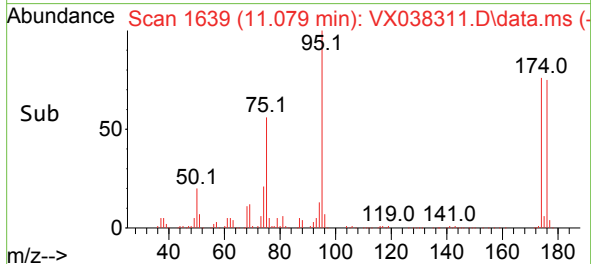


#76
1,2,3-Trichloropropane
Concen: 24.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04

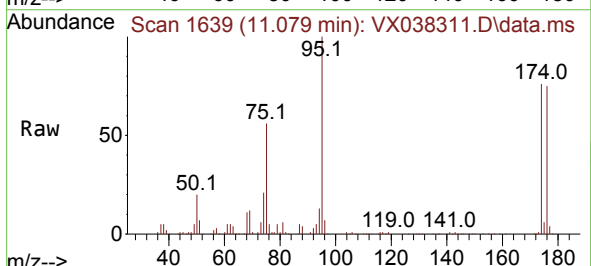
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 76081
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.689 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038311.D
Acq: 16 Oct 2023 18:04



Tgt Ion: 75 Resp: 76081
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

