

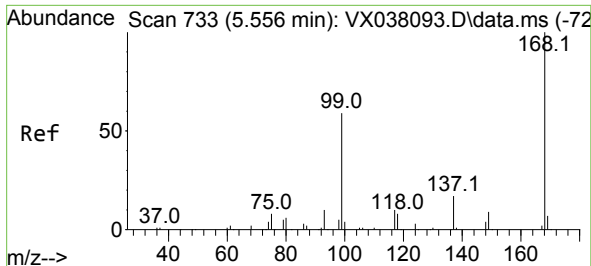
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038309.D
 Acq On : 16 Oct 2023 17:18
 Operator : JC/MD
 Sample : 04899-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:25:35 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

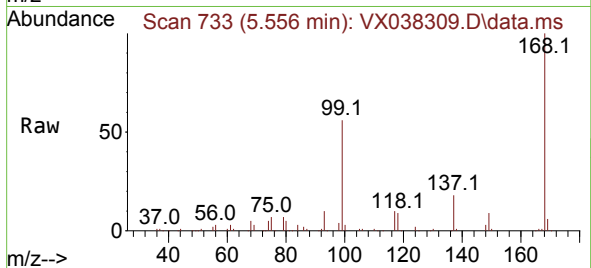
Compound	R.T.	T.Q	Ion	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168		144450	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114		251728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		249314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		131701	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65		123561	53.181	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.360%	
35) Dibromofluoromethane	5.385	113		97001	53.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.960%	
50) Toluene-d8	8.647	98		359082	51.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.620%	
62) 4-Bromofluorobenzene	11.079	95		138012	52.522	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.040%	
Target Compounds							Qvalue
5) Bromomethane	1.605	94		22	Below Cal	#	3
6) Chloroethane	1.697	64		172	Below Cal	#	43
11) Tert butyl alcohol	2.959	59		114	Below Cal	#	78
14) Allyl chloride	2.538	41		487	0.206	ug/l #	53
16) Acetone	2.374	43		1926	1.986	ug/l #	88
18) Methyl Acetate	2.532	43		1416	0.341	ug/l #	53
20) Methylene Chloride	2.788	84		857	0.470	ug/l #	86
28) Bromochloromethane	5.099	49		12467	9.185	ug/l #	16
30) Chloroform	5.093	83		155502	47.295	ug/l	97
31) Cyclohexane	5.556	56		3710	1.474	ug/l #	34
36) 1,1-Dichloropropene	5.550	75		12047	4.816	ug/l #	50
38) Carbon Tetrachloride	5.544	117		15131	6.149	ug/l #	15
41) Methacrylonitrile	5.093	41		425	0.288	ug/l #	30
44) Trichloroethene	7.123	130		556	0.304	ug/l	58
47) Bromodichloromethane	7.824	83		4774	1.911	ug/l	99
52) Toluene	8.720	92		59708	13.102	ug/l	95
53) t-1,3-Dichloropropene	8.714	75		703	0.262	ug/l #	1
64) Tetrachloroethene	9.275	164		3140	1.945	ug/l	88
68) m/p-Xylenes	10.299	106		916	0.254	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75		74942	25.030	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75		74942	71.224	ug/l #	5

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

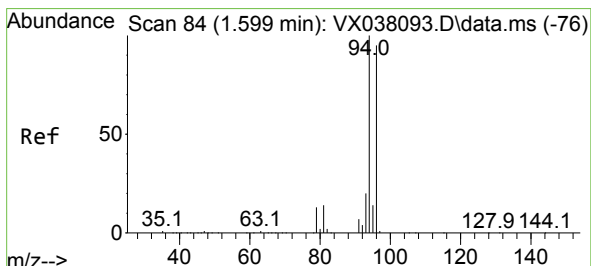
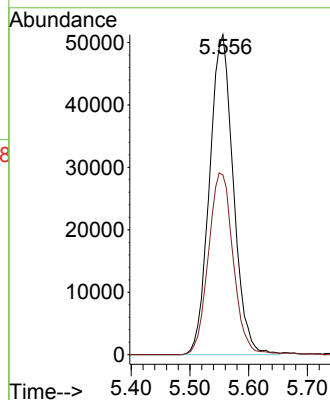
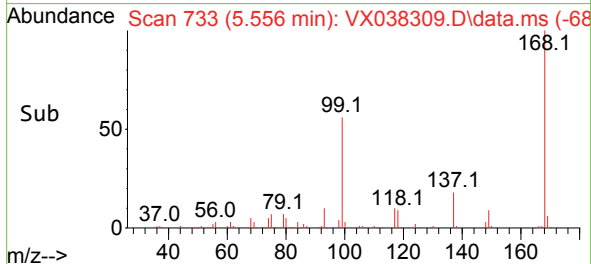


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

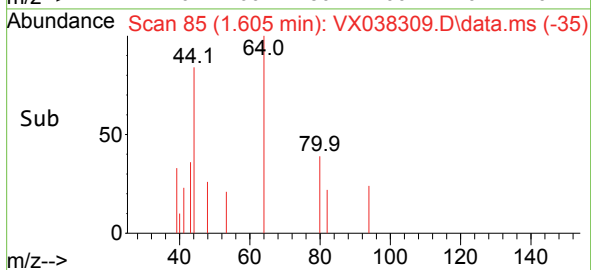
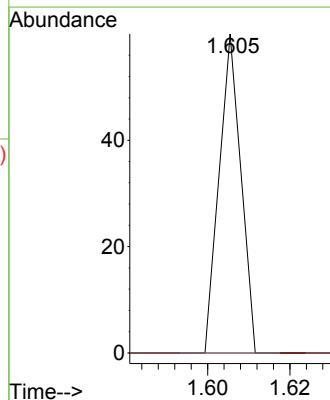
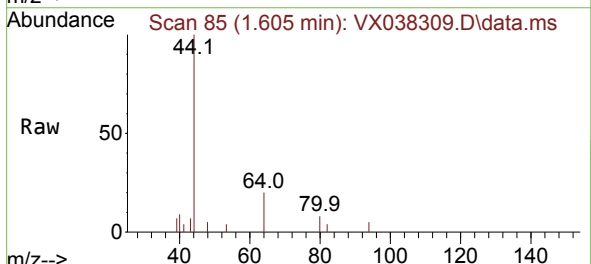


Tgt Ion:168 Resp: 144450
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

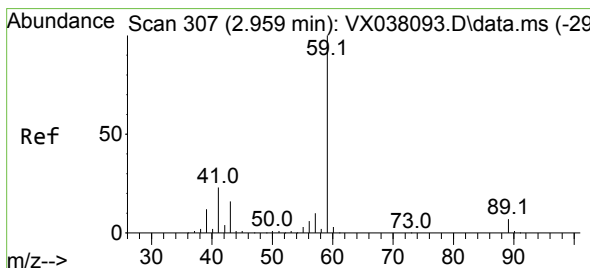
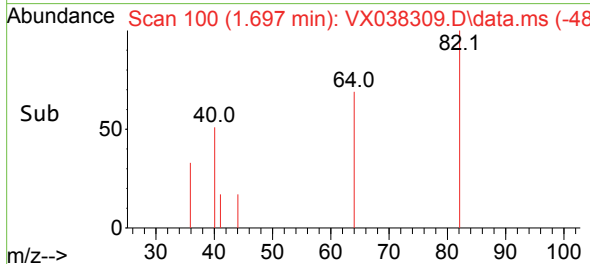
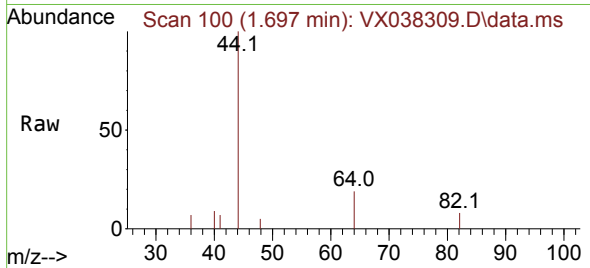




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

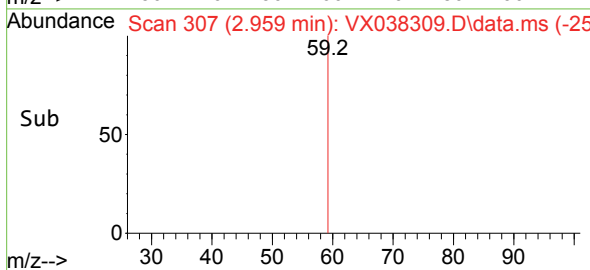
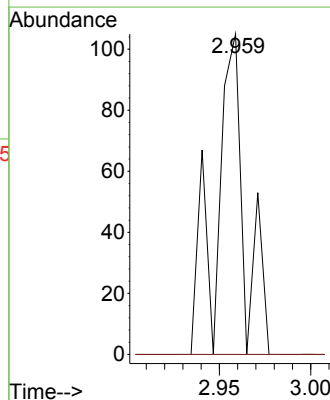
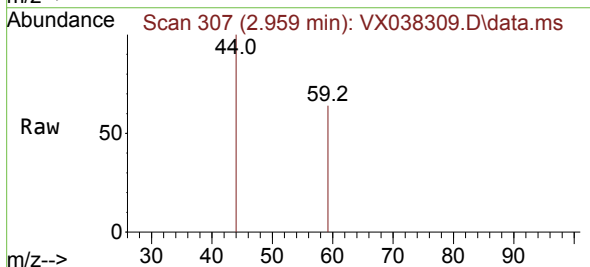
Instrument :
MSVOA_X
ClientSampleId :

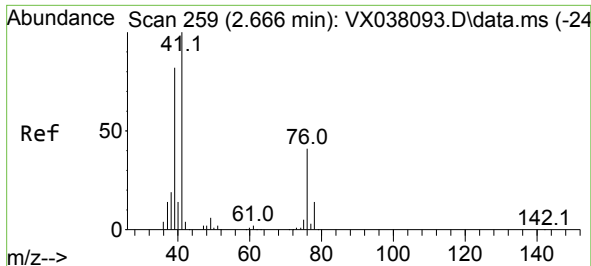
Tgt Ion: 64 Resp: 172
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

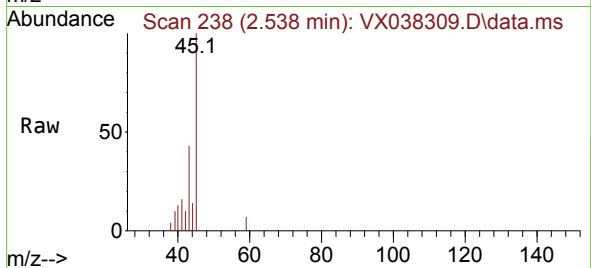
Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



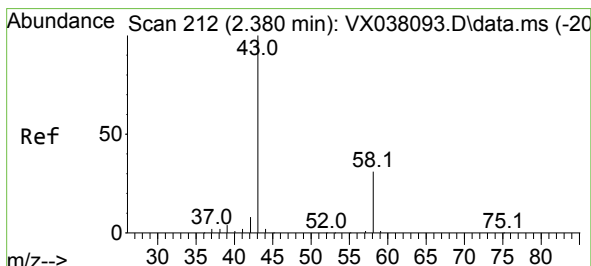
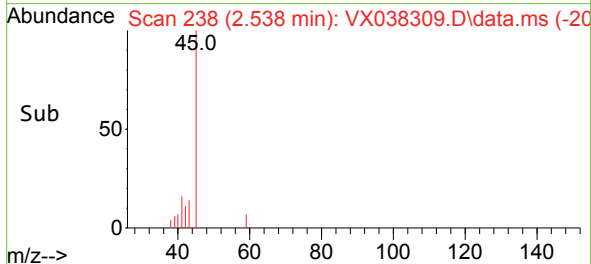
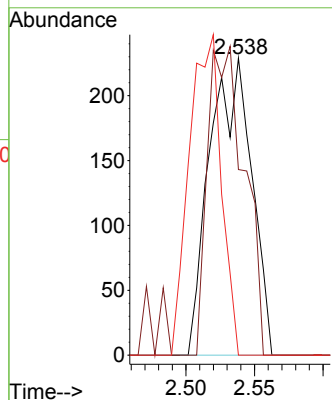


#14
 Allyl chloride
 Concen: 0.206 ug/l
 RT: 2.538 min Scan# 211
 Delta R.T. -0.122 min
 Lab File: VX038309.D
 Acq: 16 Oct 2023 17:18

Instrument :
 MSVOA_X
 ClientSampleId :

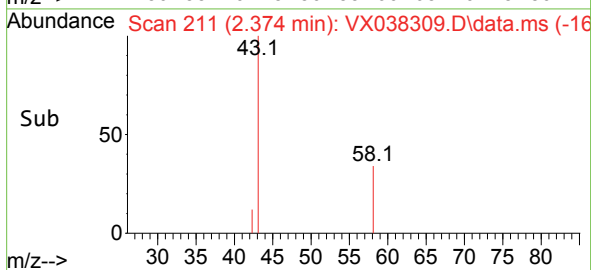
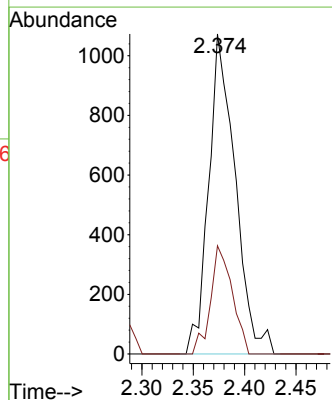
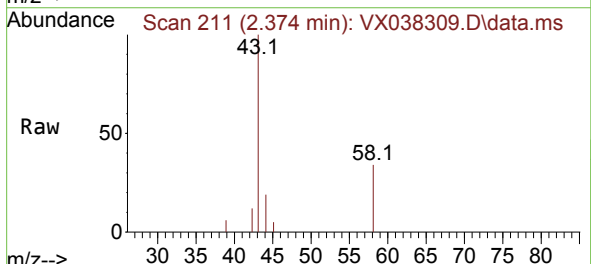


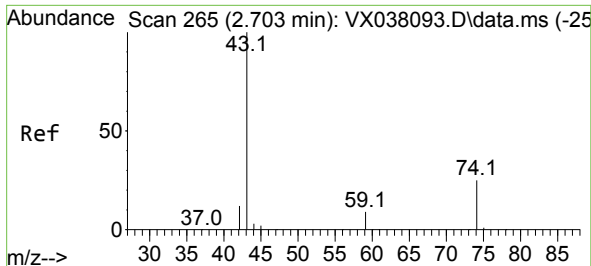
Tgt Ion: 41 Resp: 487
 Ion Ratio Lower Upper
 41 100
 39 90.8 55.8 83.6#
 76 82.1 24.3 36.5#



#16
 Acetone
 Concen: 1.986 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX038309.D
 Acq: 16 Oct 2023 17:18

Tgt Ion: 43 Resp: 1926
 Ion Ratio Lower Upper
 43 100
 58 33.8 21.9 32.9#

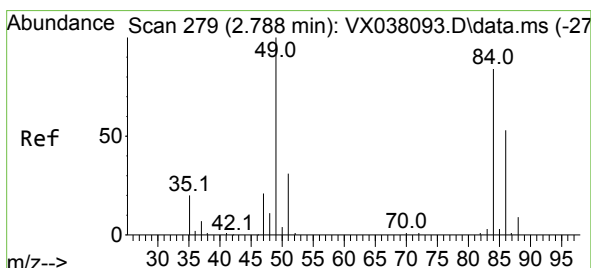
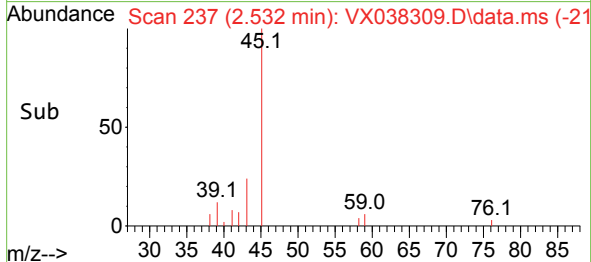
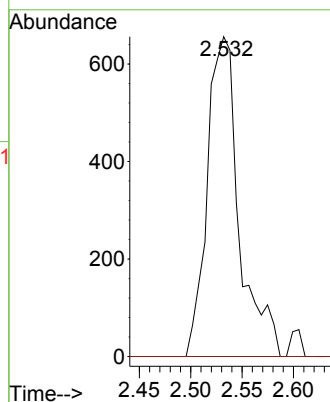
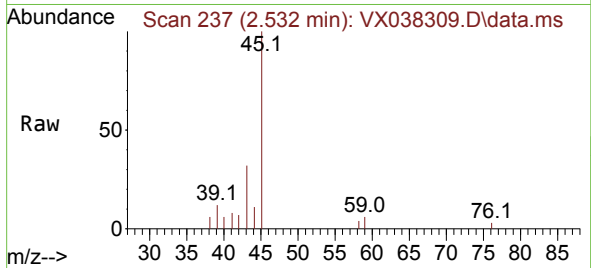




#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

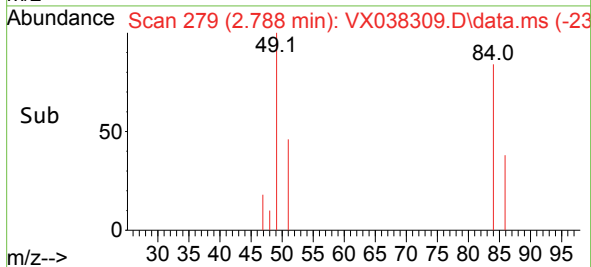
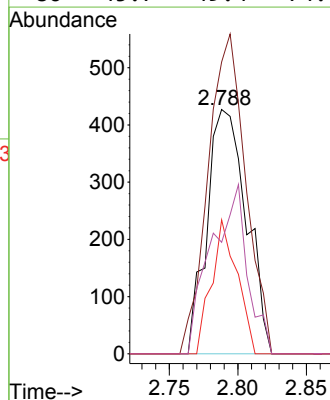
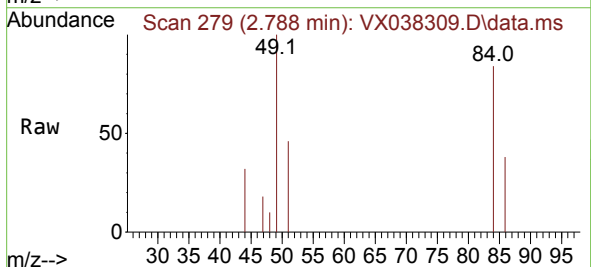
Instrument :
MSVOA_X
ClientSampleId :

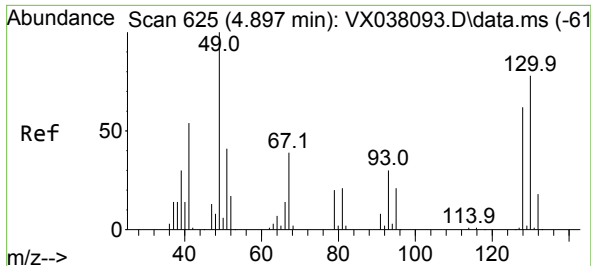
Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.470 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

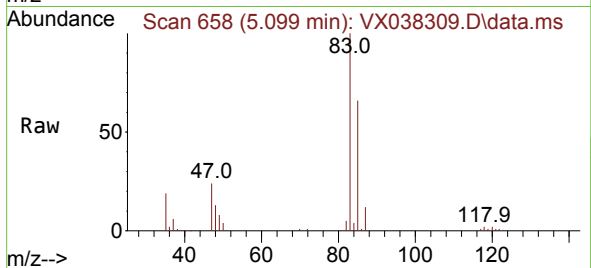
Tgt Ion: 84 Resp: 857
Ion Ratio Lower Upper
84 100
49 119.4 103.6 155.4
51 54.8 33.8 50.6#
86 45.7 49.4 74.0#



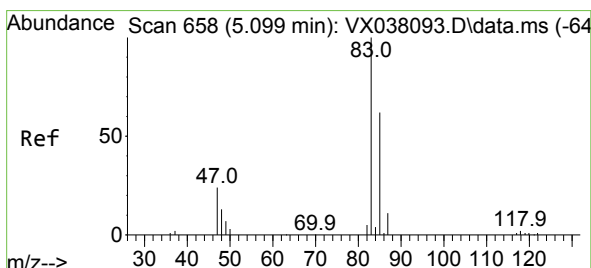
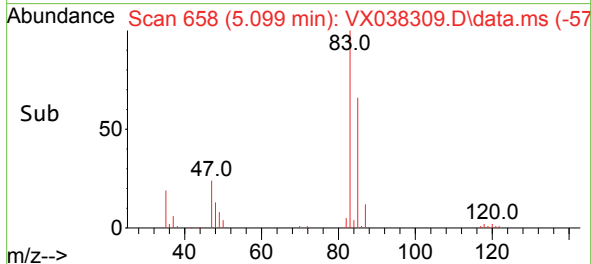
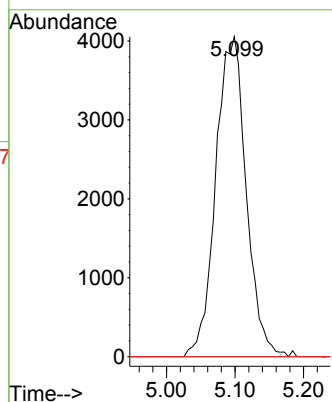


#28
Bromochloromethane
Concen: 9.185 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.202 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

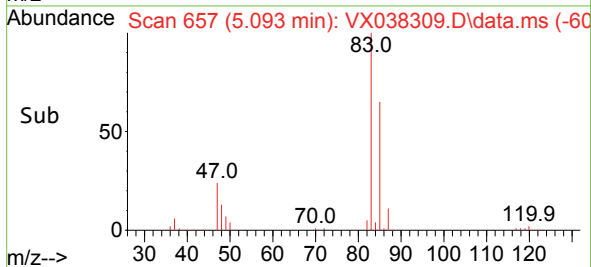
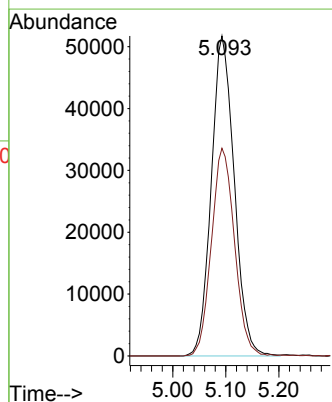
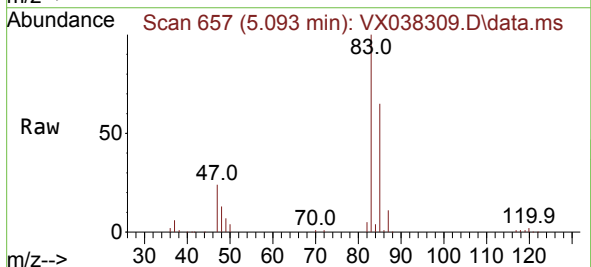


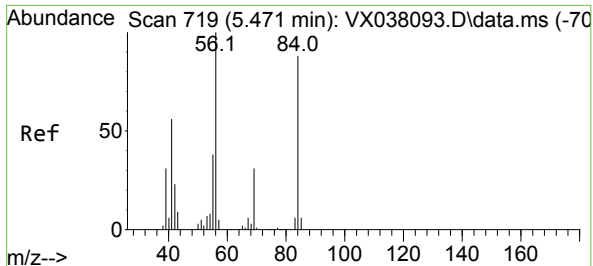
Tgt Ion: 49 Resp: 12467
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 47.295 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

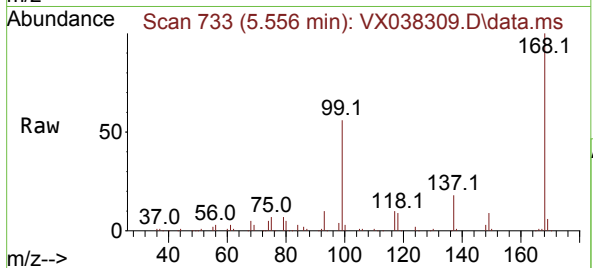
Tgt Ion: 83 Resp: 155502
Ion Ratio Lower Upper
83 100
85 64.9 50.3 75.5



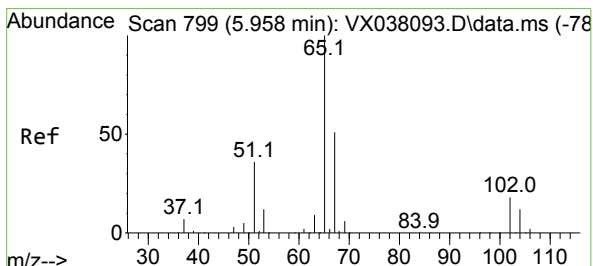
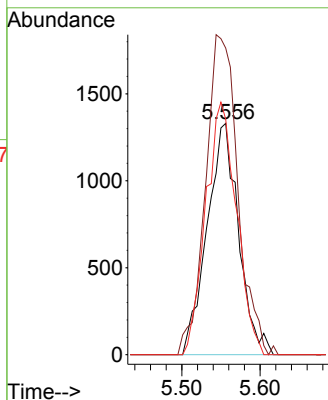
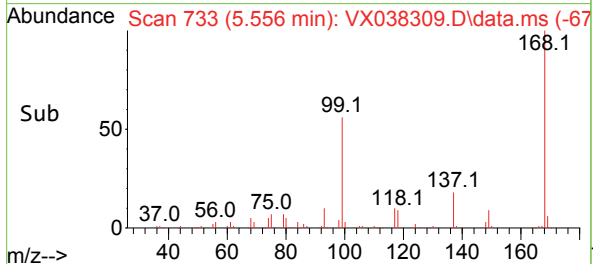


#31
Cyclohexane
Concen: 1.474 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

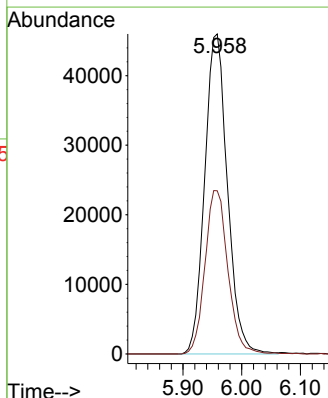
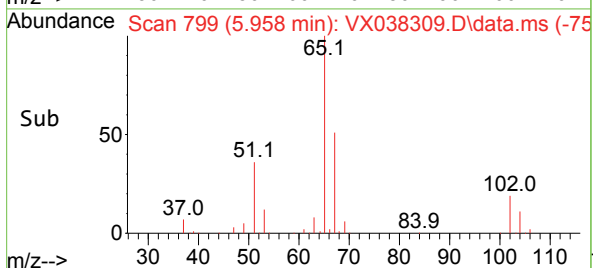
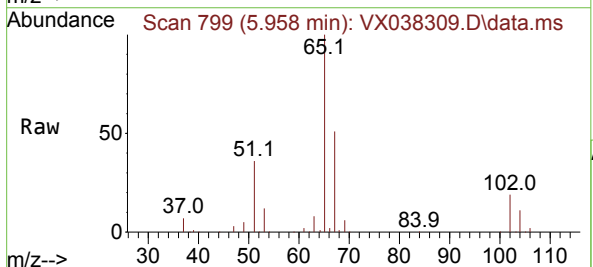


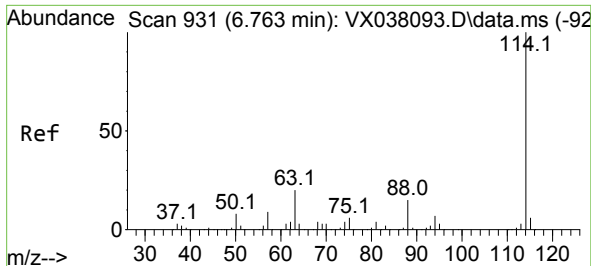
Tgt Ion: 56 Resp: 3710
Ion Ratio Lower Upper
56 100
69 132.6 23.4 35.2#
84 101.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.181 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Tgt Ion: 65 Resp: 123561
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

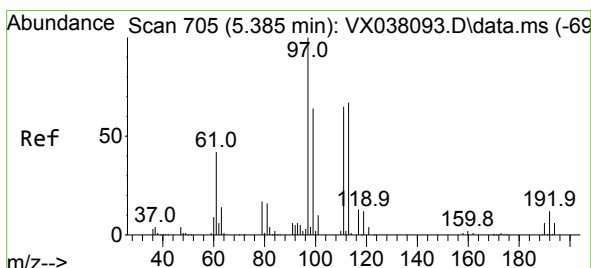
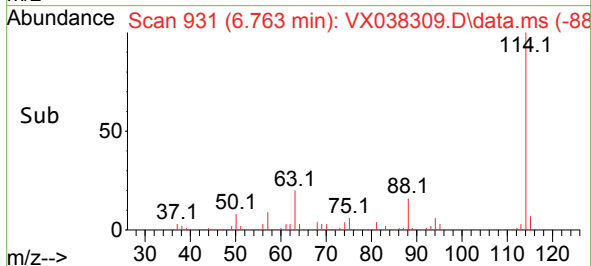
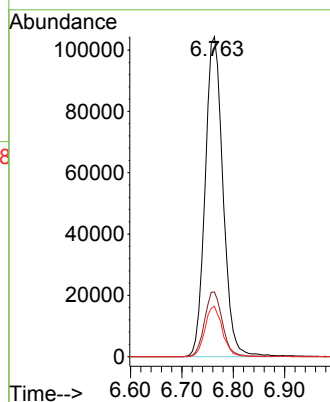
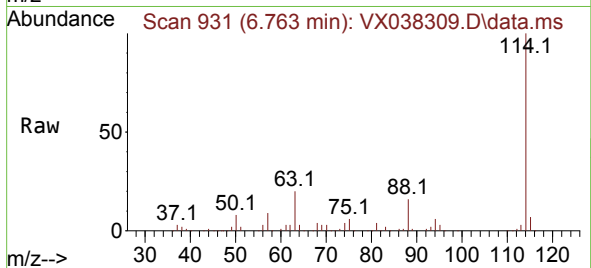




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

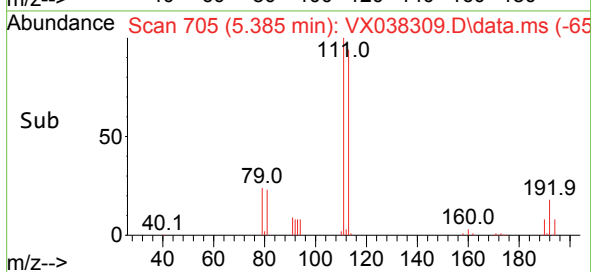
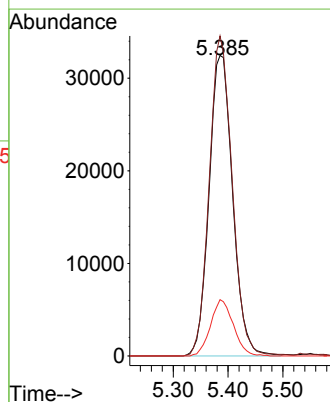
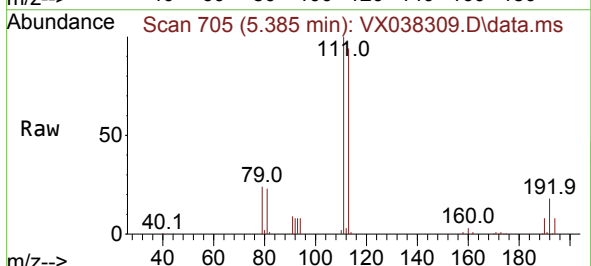
Instrument :
MSVOA_X
ClientSampleId :

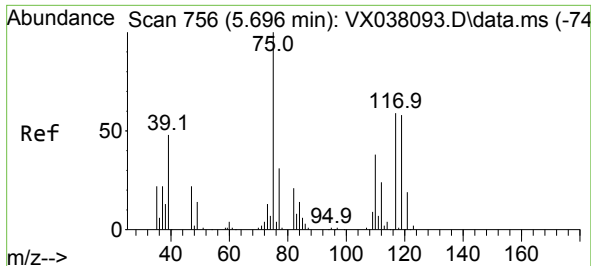
Tgt Ion:114 Resp: 251728
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.478 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

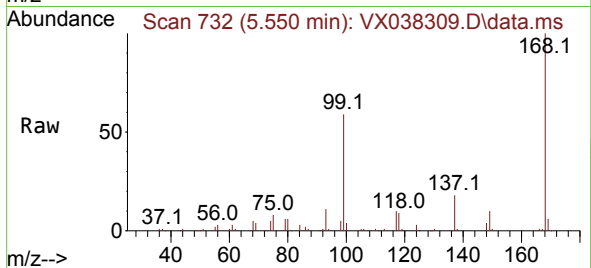
Tgt Ion:113 Resp: 97001
Ion Ratio Lower Upper
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111 103.3 82.9 124.3
192 18.1 13.3 19.9



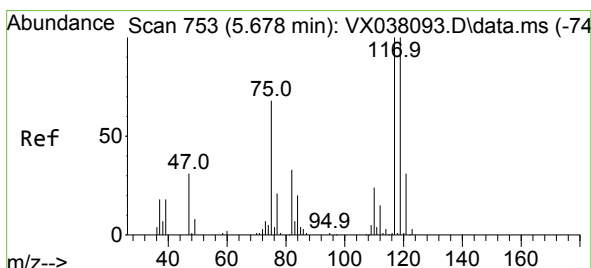
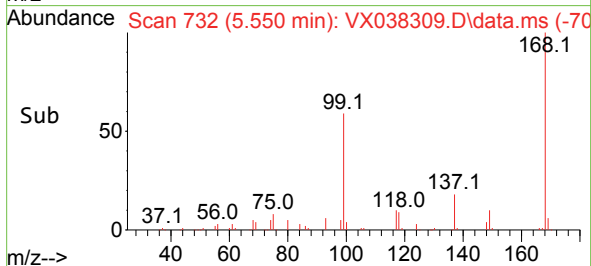
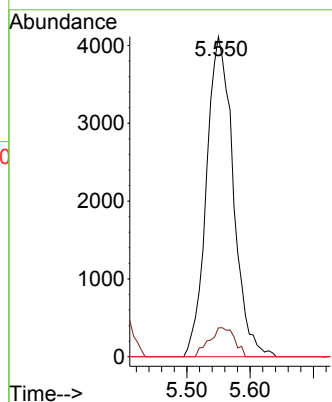


#36
1,1-Dichloropropene
Concen: 4.816 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

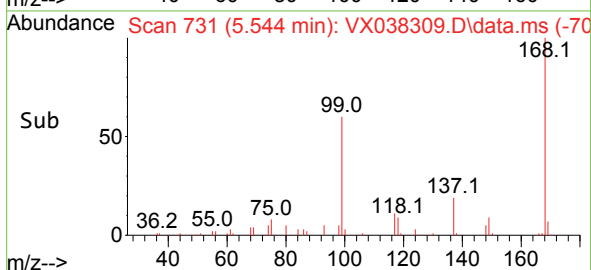
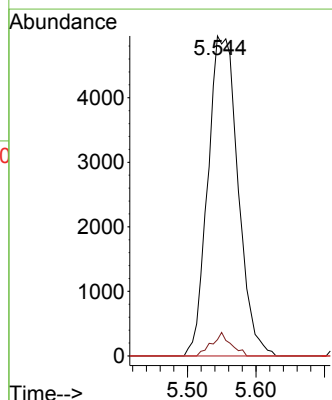
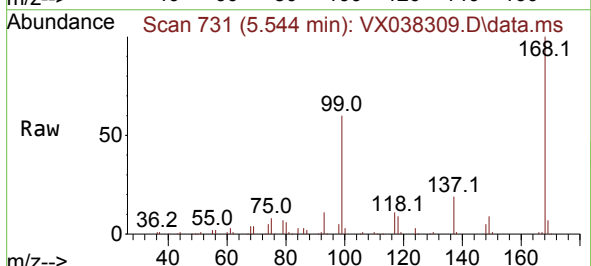


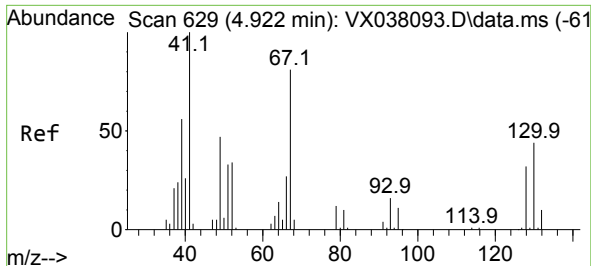
Tgt Ion: 75 Resp: 12047
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

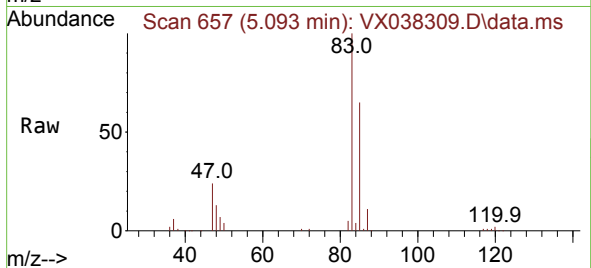
Tgt Ion: 117 Resp: 15131
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



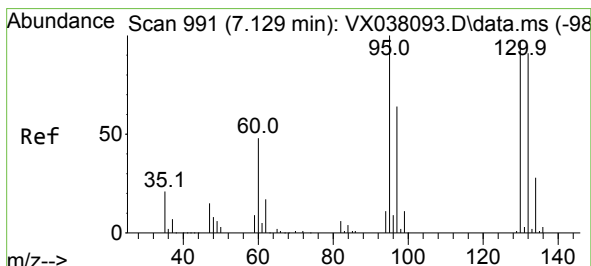
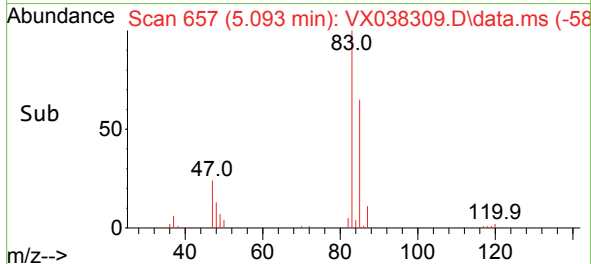
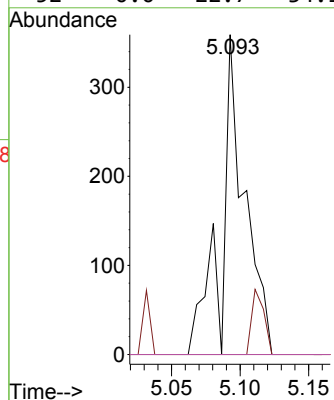


#41
Methacrylonitrile
Concen: 0.288 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.171 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

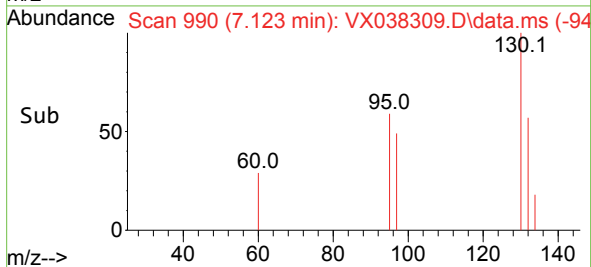
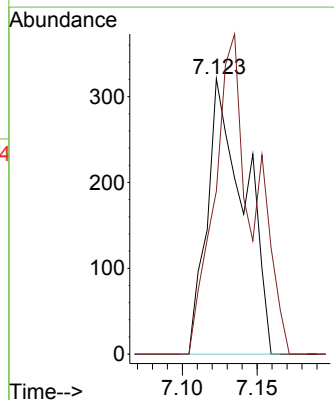
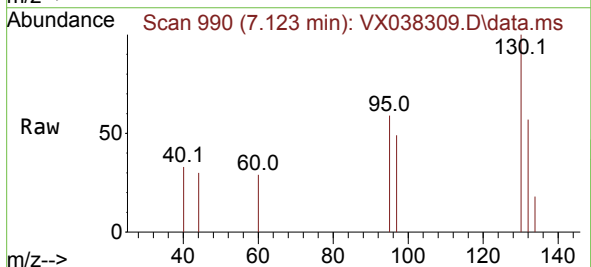


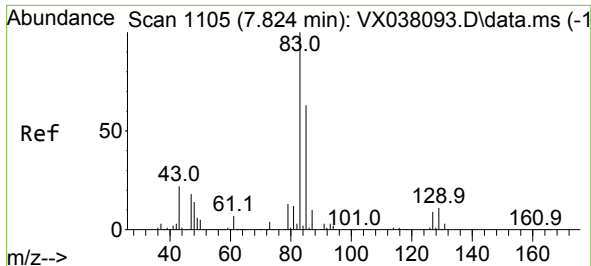
Tgt Ion: 41 Resp: 425
Ion Ratio Lower Upper
41 100
39 10.6 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#44
Trichloroethene
Concen: 0.304 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Tgt Ion: 130 Resp: 556
Ion Ratio Lower Upper
130 100
95 59.2 0.0 204.4

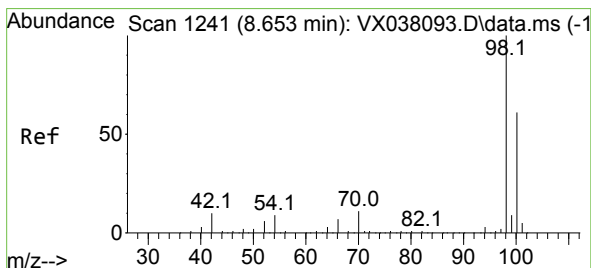
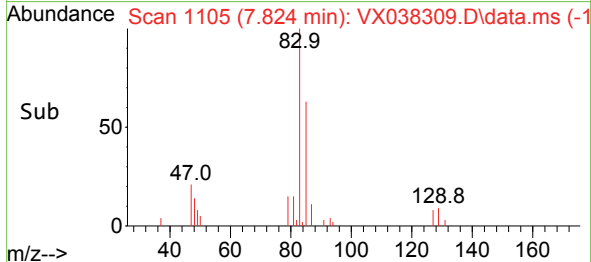
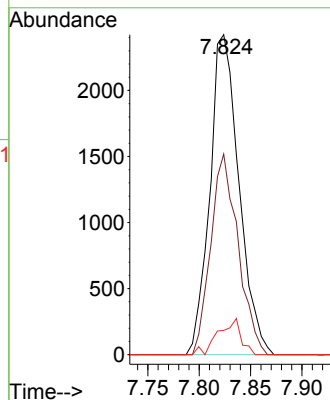
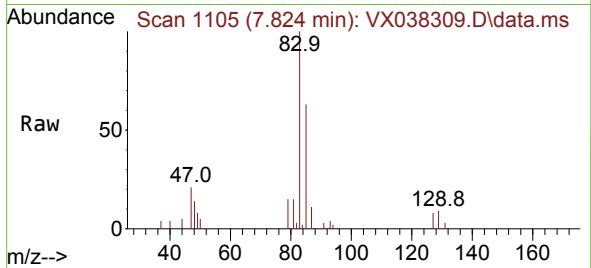




#47
 Bromodichloromethane
 Concen: 1.911 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VX038309.D
 Acq: 16 Oct 2023 17:18

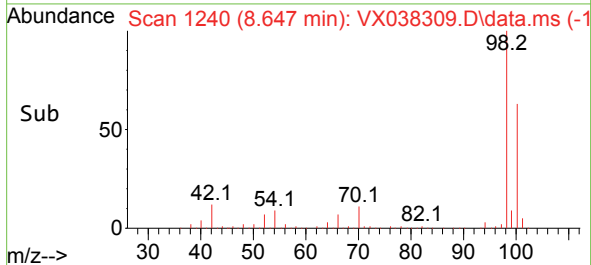
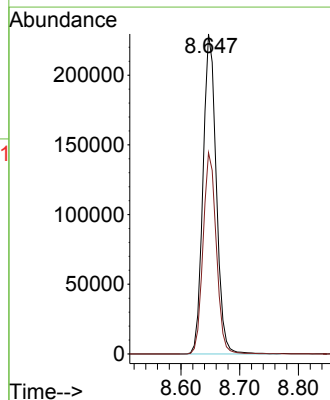
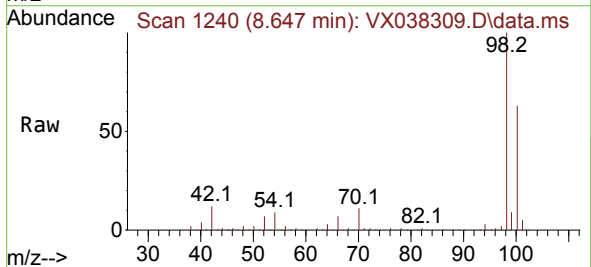
Instrument :
 MSVOA_X
 ClientSampleId :

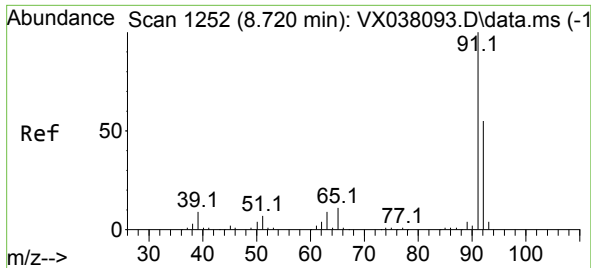
Tgt Ion: 83 Resp: 4774
 Ion Ratio Lower Upper
 83 100
 85 62.7 49.8 74.6
 127 7.6 7.1 10.7



#50
 Toluene-d8
 Concen: 51.807 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX038309.D
 Acq: 16 Oct 2023 17:18

Tgt Ion: 98 Resp: 359082
 Ion Ratio Lower Upper
 98 100
 100 62.9 53.1 79.7

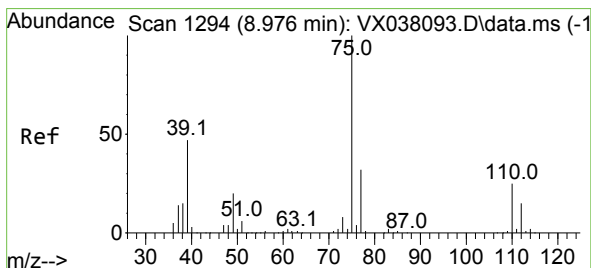
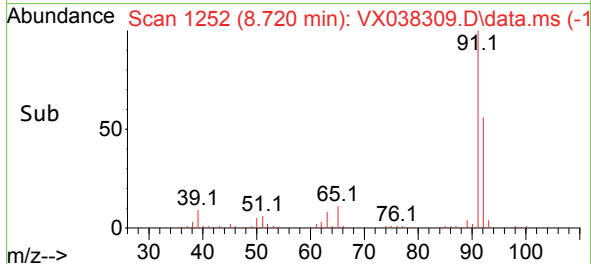
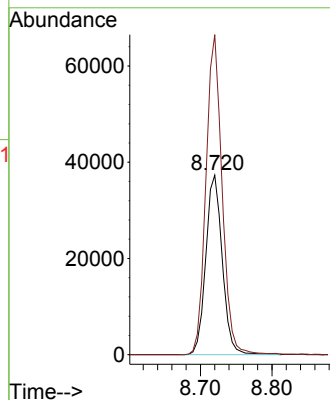
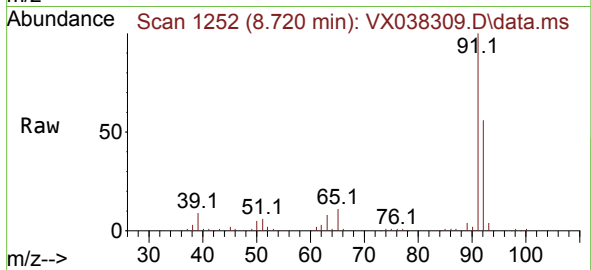




#52
Toluene
Concen: 13.102 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

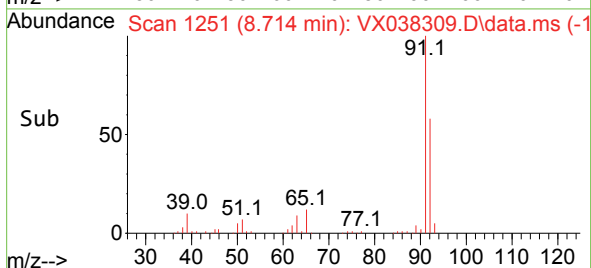
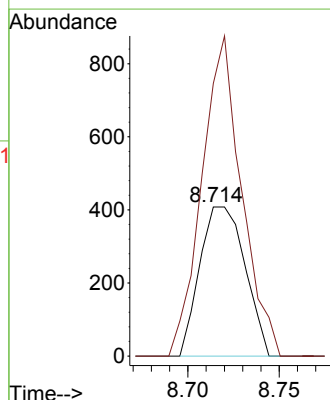
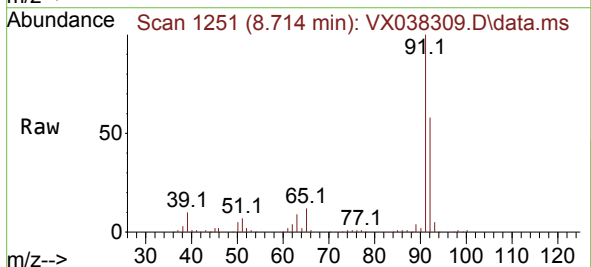
Instrument :
MSVOA_X
ClientSampleId :

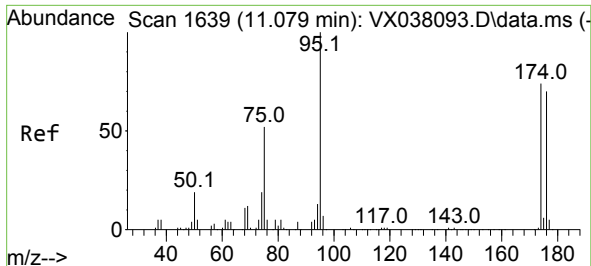
Tgt Ion: 92 Resp: 59708
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.262 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Tgt Ion: 75 Resp: 703
Ion Ratio Lower Upper
75 100
77 182.8 25.7 38.5#

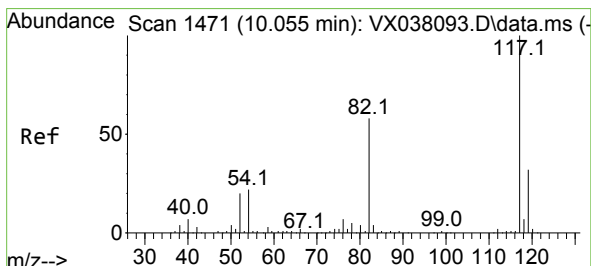
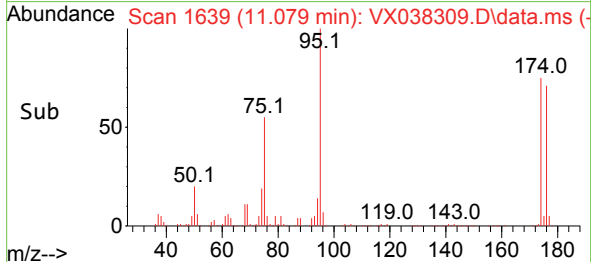
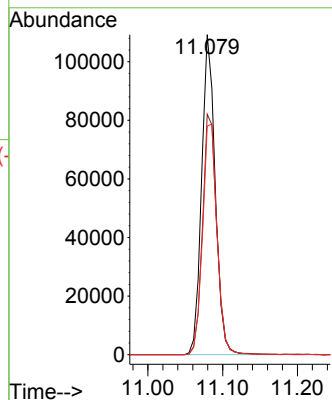
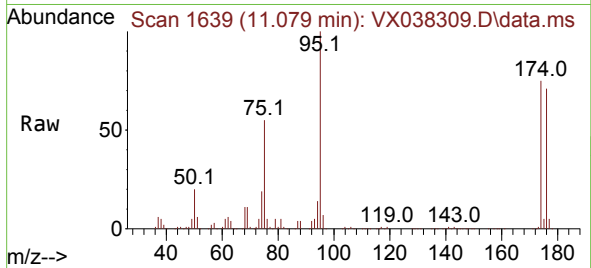




#62
4-Bromofluorobenzene
Concen: 52.522 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

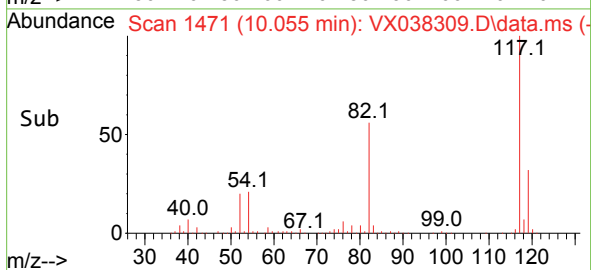
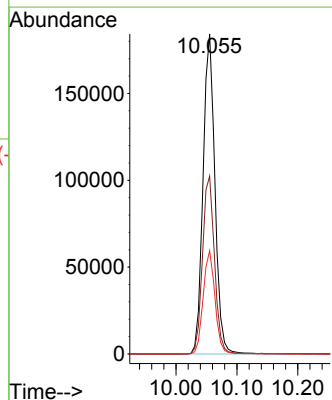
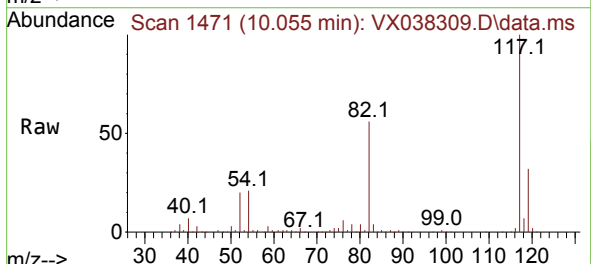
Instrument :
MSVOA_X
ClientSampleId :

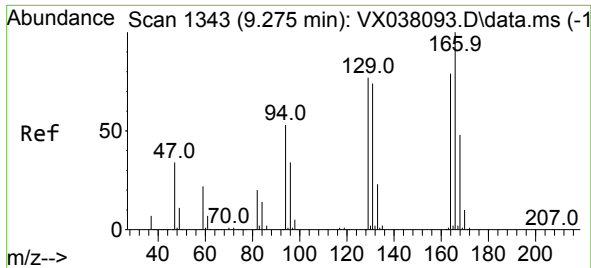
Tgt Ion: 95 Resp: 138012
Ion Ratio Lower Upper
95 100
174 78.9 0.0 135.6
176 76.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

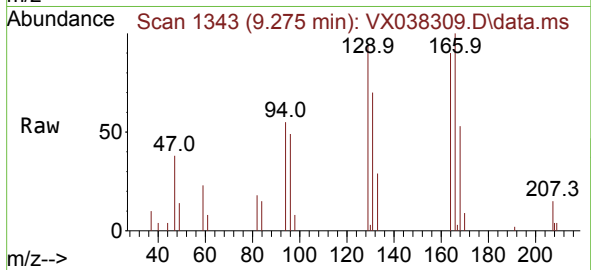
Tgt Ion: 117 Resp: 249314
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.3 25.5 38.3



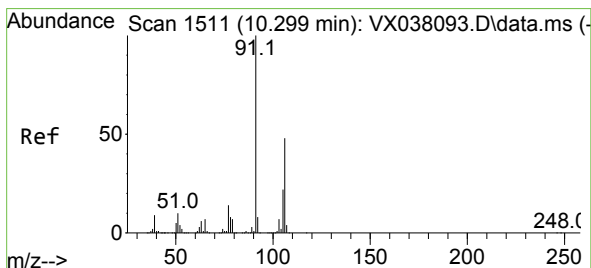
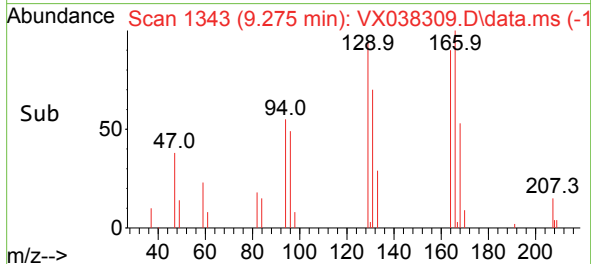
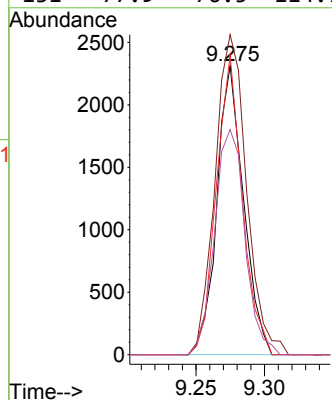


#64
Tetrachloroethene
Concen: 1.945 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

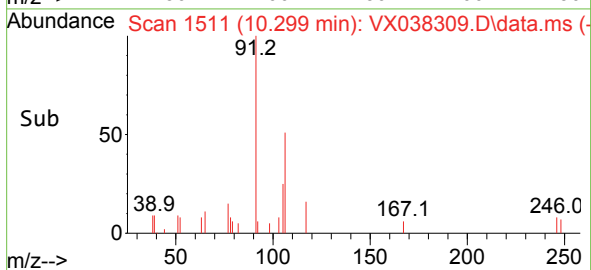
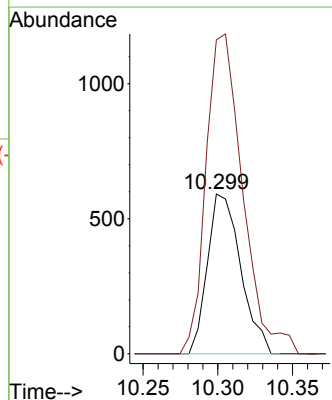
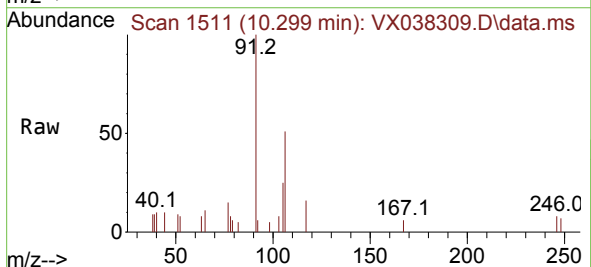


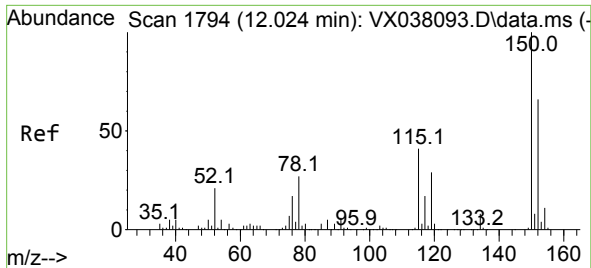
Tgt Ion:164 Resp: 3140
Ion Ratio Lower Upper
164 100
166 110.8 102.7 154.1
129 103.8 80.4 120.6
131 77.9 76.5 114.7



#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

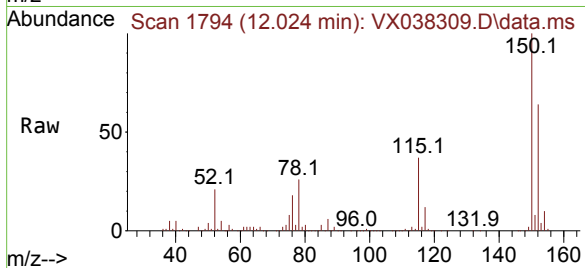
Tgt Ion:106 Resp: 916
Ion Ratio Lower Upper
106 100
91 221.1 165.5 248.3



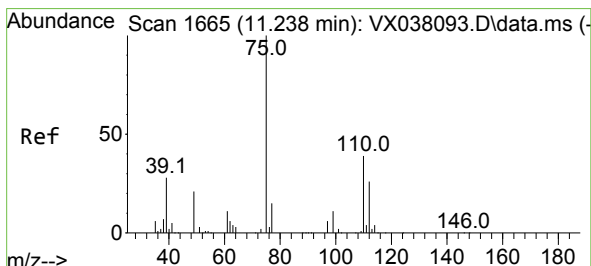
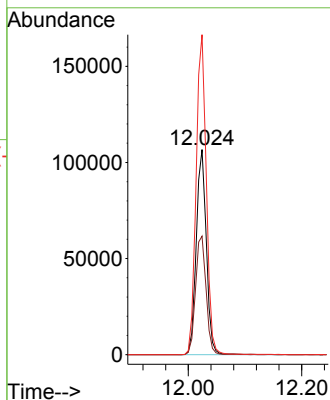
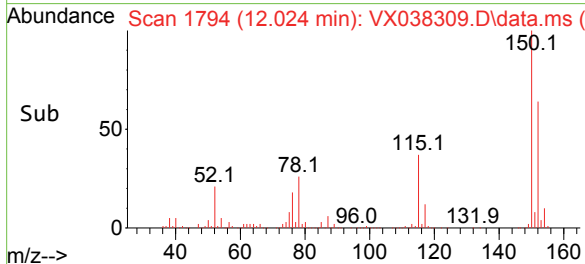


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Instrument :
MSVOA_X
ClientSampleId :

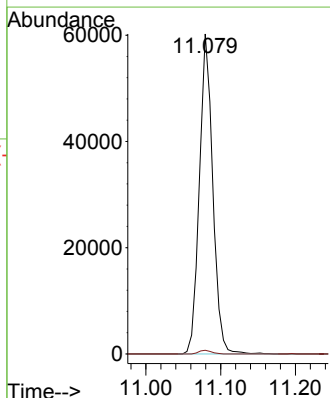
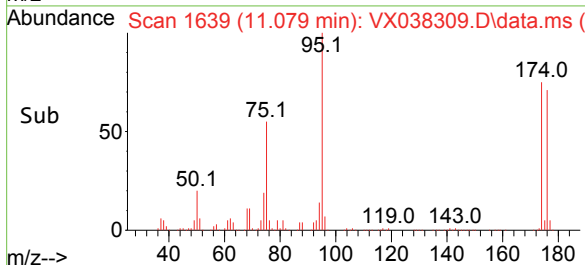
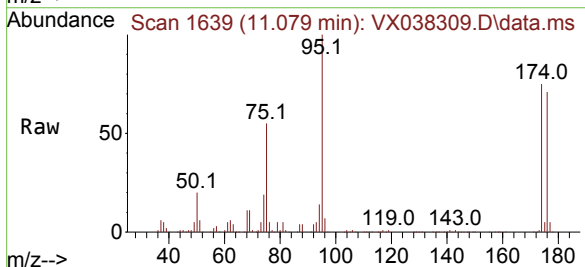


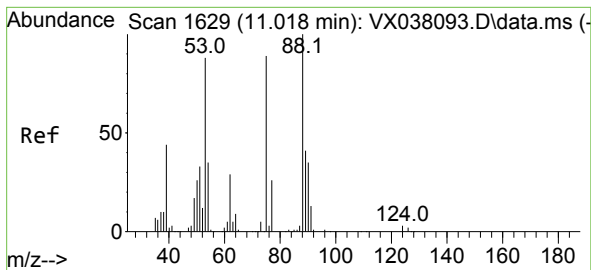
Tgt Ion:152 Resp: 131701
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 158.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.030 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038309.D
Acq: 16 Oct 2023 17:18

Tgt Ion: 75 Resp: 74942
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.224 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038309.D
 Acq: 16 Oct 2023 17:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 74942
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

