

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038228.D
 Acq On : 11 Oct 2023 14:46
 Operator : JC/MD
 Sample : 04803-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:45:23 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)

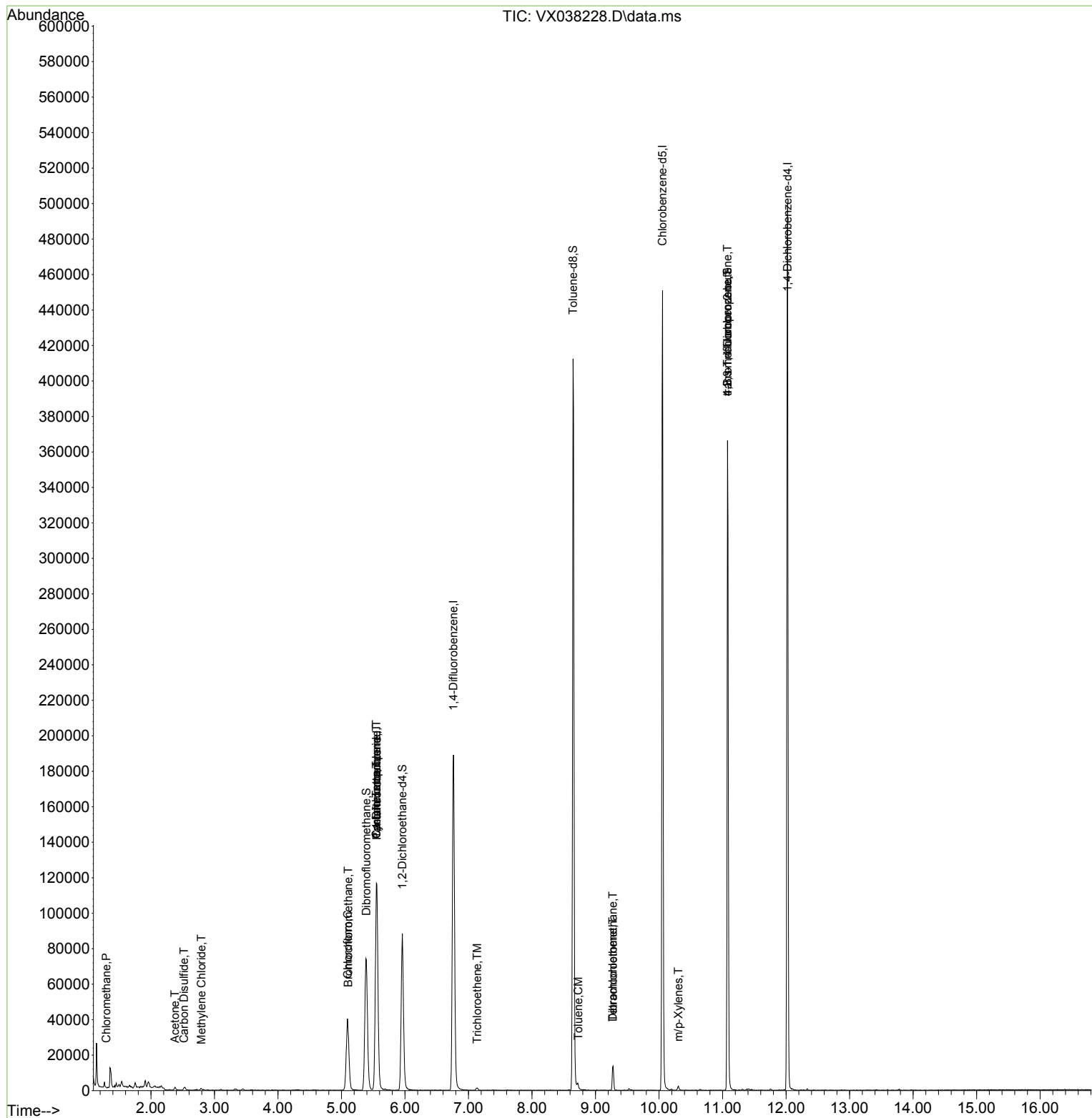
Internal Standards						
1) Pentafluorobenzene	5.556	168	110255	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	195289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81616	46.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.391	113	63819	45.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	8.647	98	246114	45.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.540%#
62) 4-Bromofluorobenzene	11.079	95	92554	45.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	249	0.230	ug/l	# 43
5) Bromomethane	1.807	94	22	Below Cal	#	3
6) Chloroethane	1.679	64	69	Below Cal	#	43
16) Acetone	2.380	43	1675	2.263	ug/l	99
17) Carbon Disulfide	2.520	76	628	0.216	ug/l	# 76
20) Methylene Chloride	2.794	84	368	0.264	ug/l	# 78
28) Bromochloromethane	5.105	49	3802	3.670	ug/l	# 16
30) Chloroform	5.099	83	45715	18.216	ug/l	93
31) Cyclohexane	5.550	56	2983	1.553	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9223	4.753	ug/l	# 46
38) Carbon Tetrachloride	5.550	117	11593	6.073	ug/l	# 15
44) Trichloroethene	7.135	130	645	0.454	ug/l	66
52) Toluene	8.726	92	922	0.261	ug/l	92
60) Dibromochloromethane	9.275	129	2572	1.738	ug/l	# 11
64) Tetrachloroethene	9.275	164	2635	2.074	ug/l	93
68) m/p-Xylenes	10.305	106	586	0.207	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	52312	22.374	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	52312	64.093	ug/l	# 5

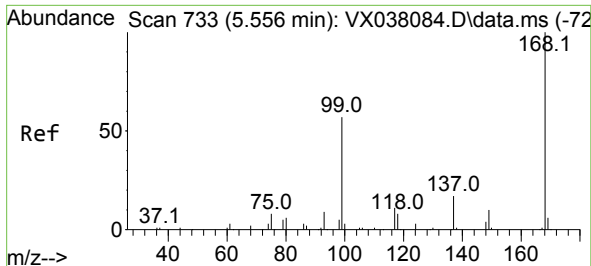
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 12 02:45:23 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



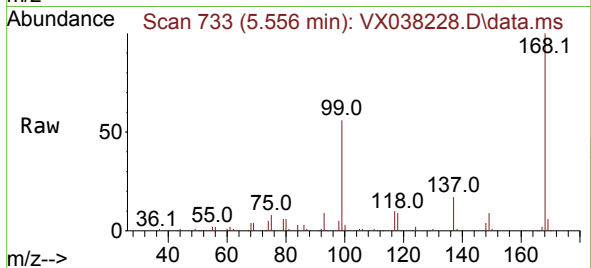


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

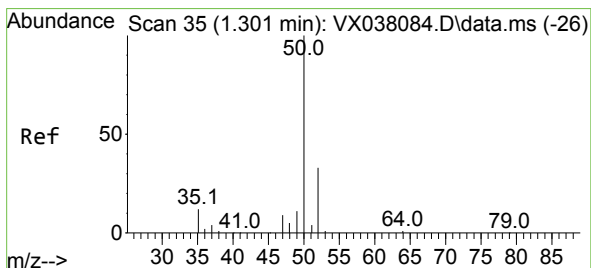
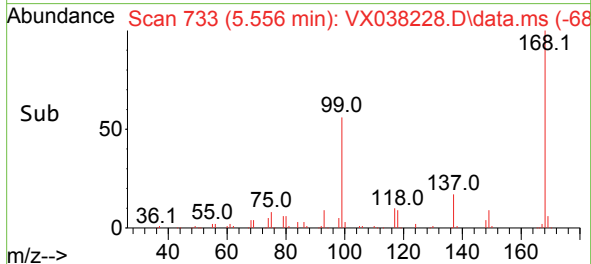
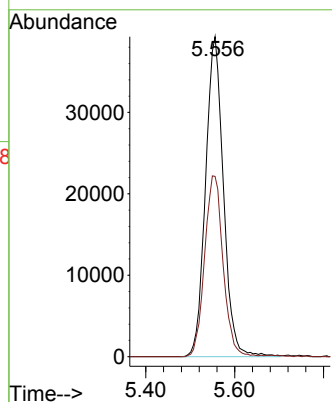
Instrument :

MSVOA_X

ClientSampleId :

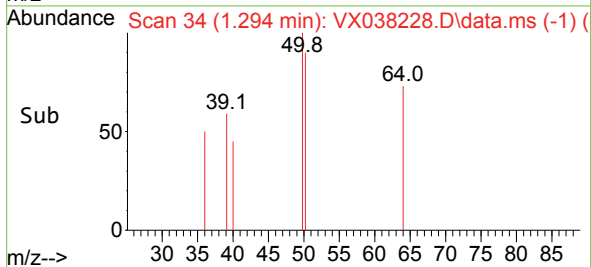
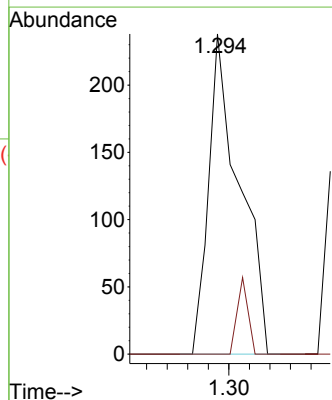
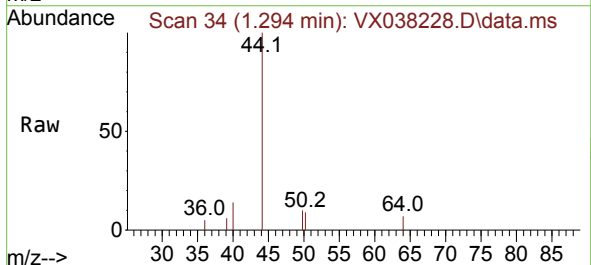


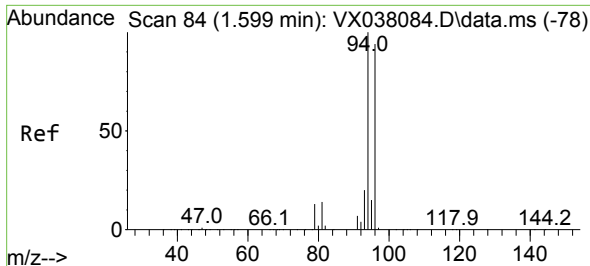
Tgt Ion:168 Resp: 110255
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#3
Chloromethane
Concen: 0.230 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion: 50 Resp: 249
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

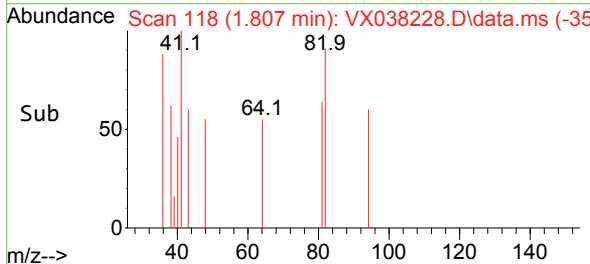
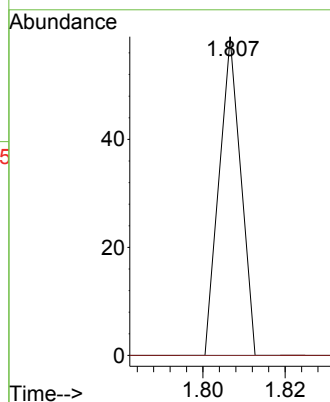
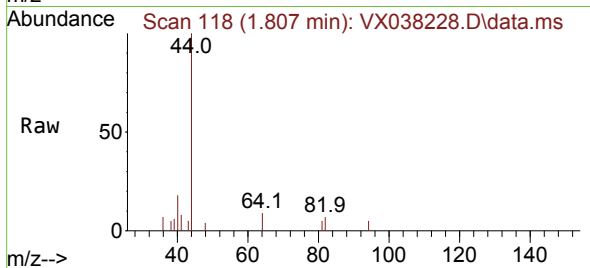




#5
Bromomethane
Concen: Below Cal
RT: 1.807 min Scan# 11
Delta R.T. 0.208 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

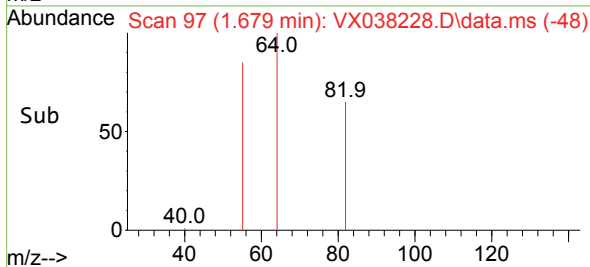
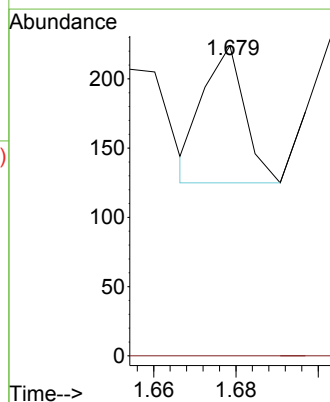
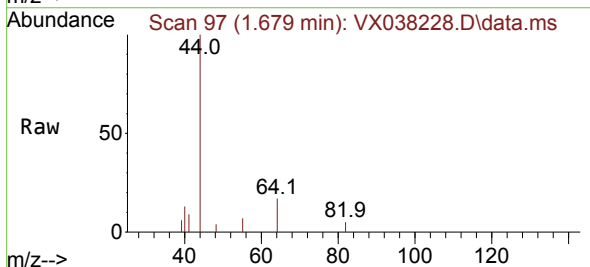
Instrument :
MSVOA_X
ClientSampleId :

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



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

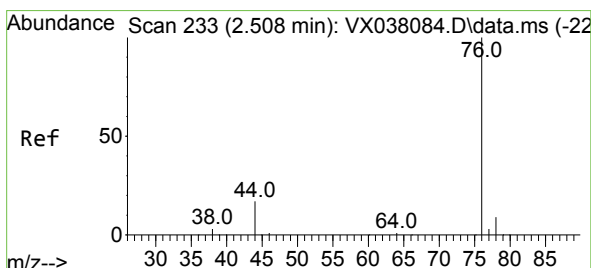
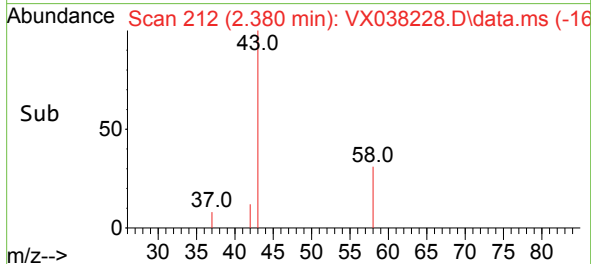
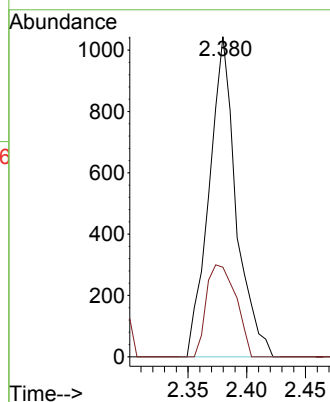
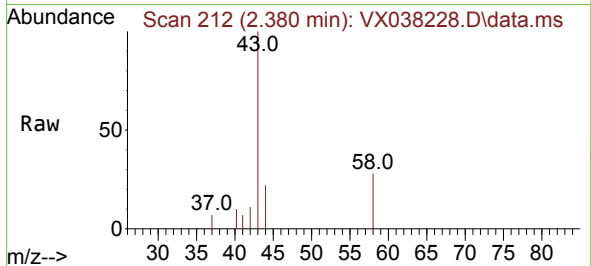




#16
Acetone
Concen: 2.263 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

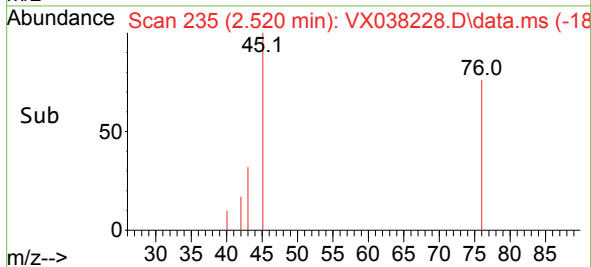
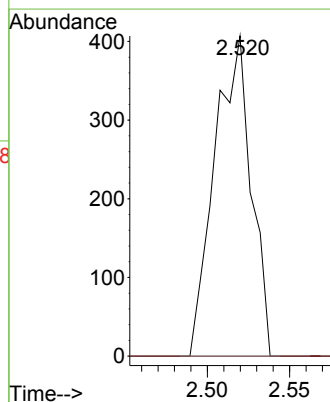
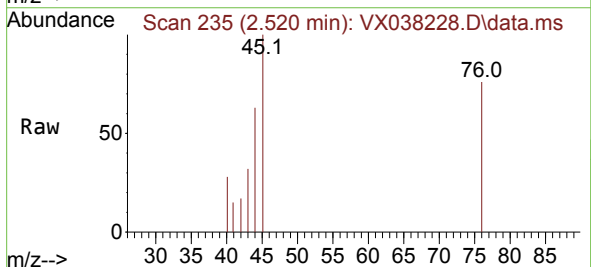
Instrument :
MSVOA_X
ClientSampleId :

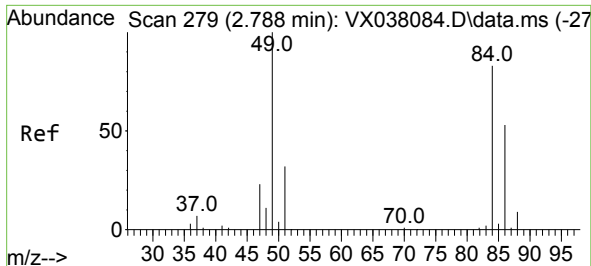
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

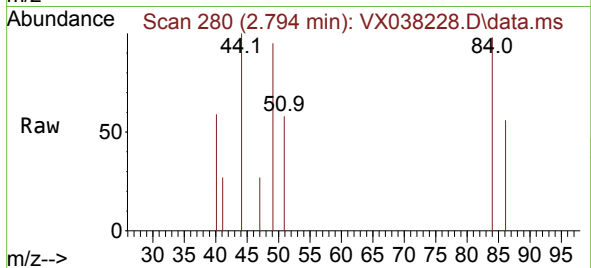
Tgt Ion: 76 Resp: 628
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



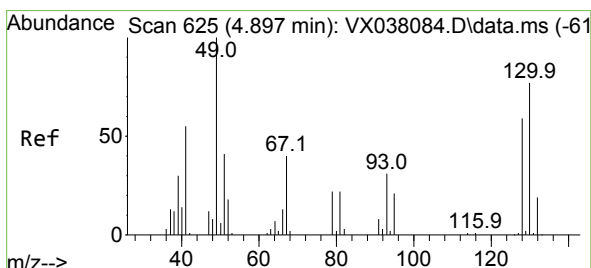
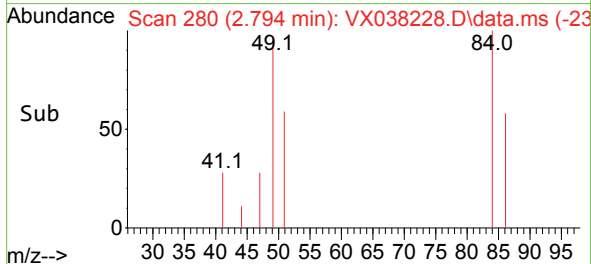
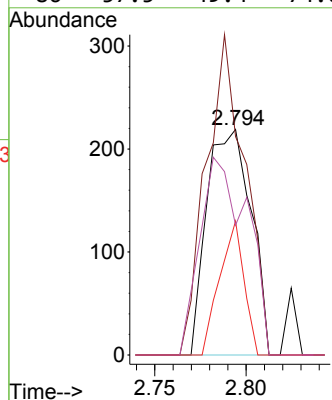


#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :

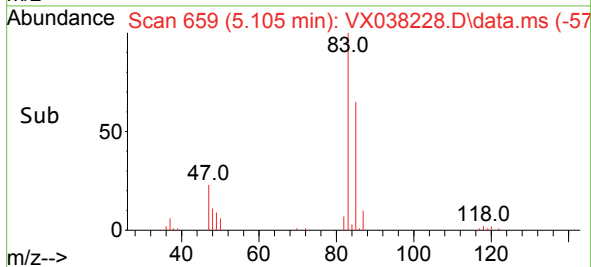
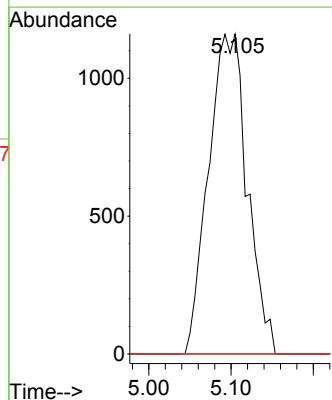
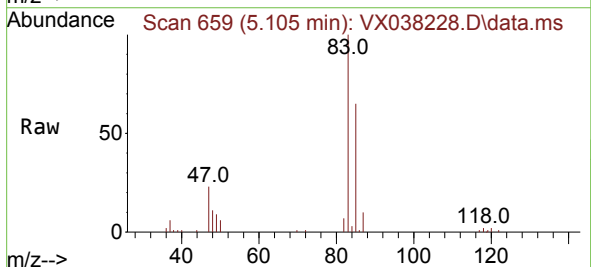


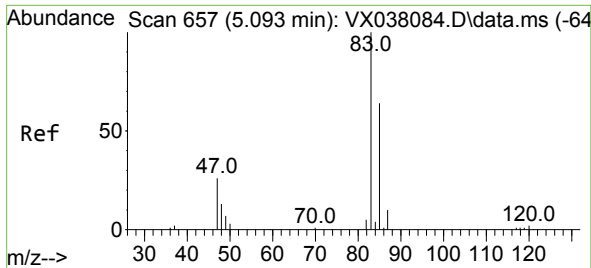
Tgt Ion: 84	Resp: 368
Ion Ratio	Lower Upper
84 100	
49 96.8	103.6 155.4#
51 59.4	33.8 50.6#
86 57.5	49.4 74.0



#28
Bromochloromethane
Concen: 3.670 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.208 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion: 49	Resp: 3802
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 0.0	57.5 86.3#

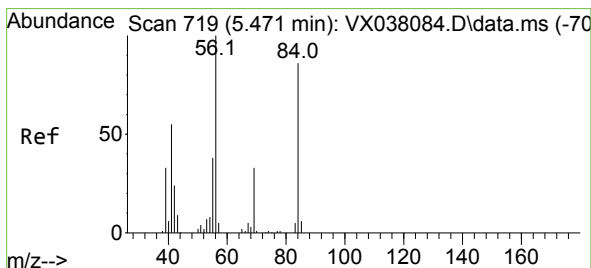
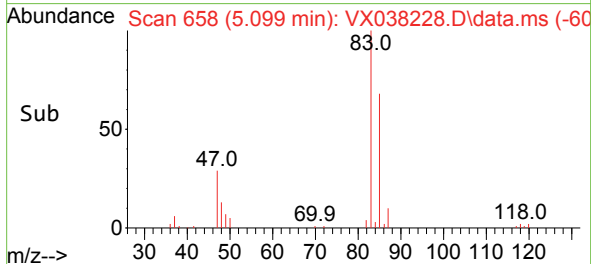
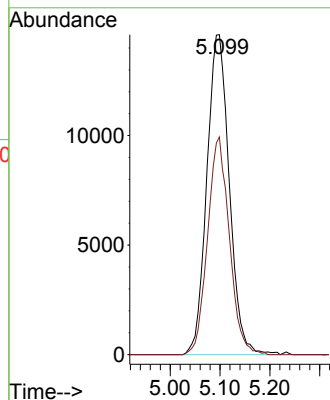
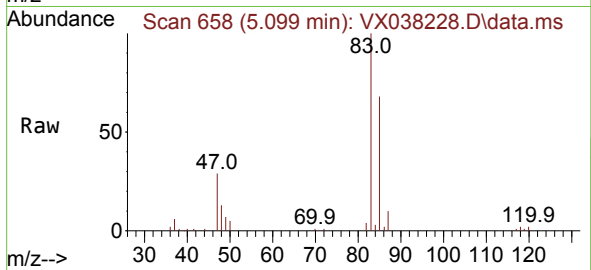




#30
Chloroform
Concen: 18.216 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

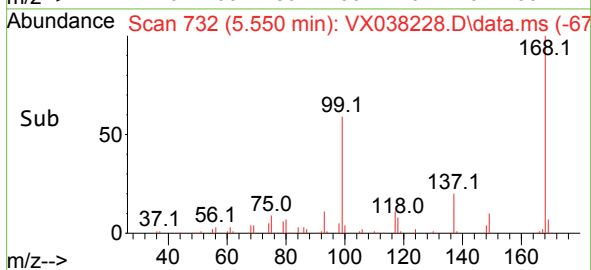
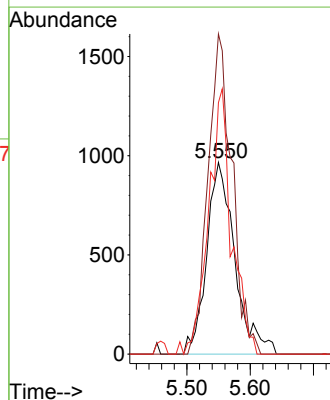
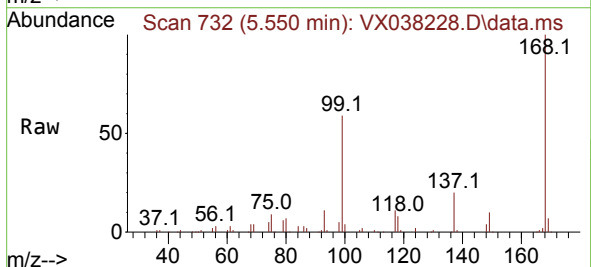
Instrument :
MSVOA_X
ClientSampleId :

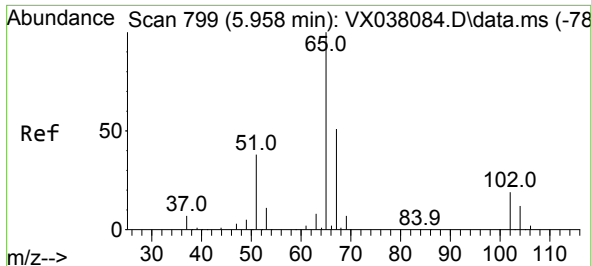
Tgt Ion: 83 Resp: 45715
Ion Ratio Lower Upper
83 100
85 68.0 50.3 75.5



#31
Cyclohexane
Concen: 1.553 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion: 56 Resp: 2983
Ion Ratio Lower Upper
56 100
69 167.1 23.4 35.2#
84 131.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.023 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038228.D

Acq: 11 Oct 2023 14:46

Instrument :

MSVOA_X

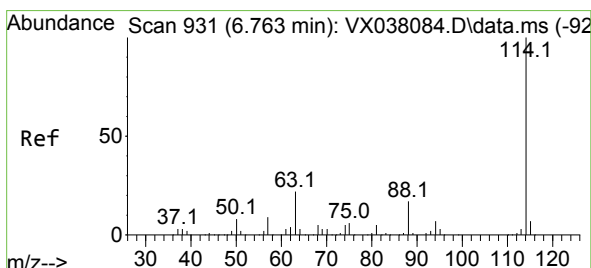
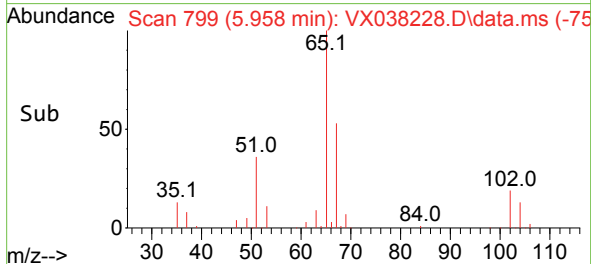
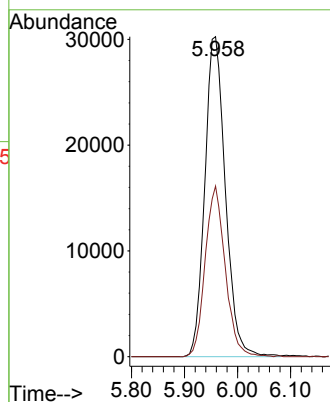
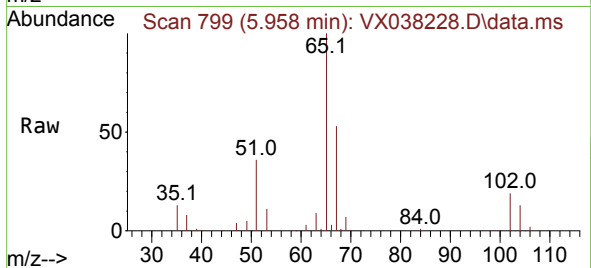
ClientSampleId :

Tgt Ion: 65 Resp: 81616

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038228.D

Acq: 11 Oct 2023 14:46

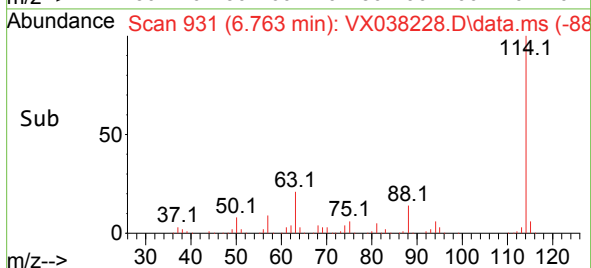
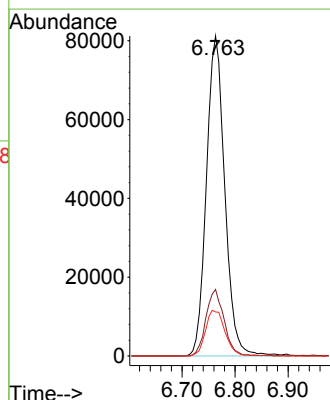
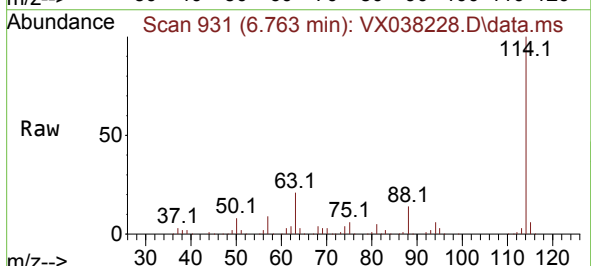
Tgt Ion: 114 Resp: 195289

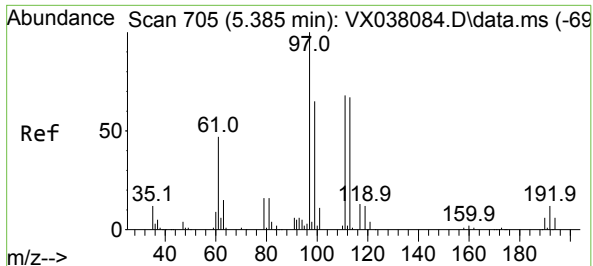
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

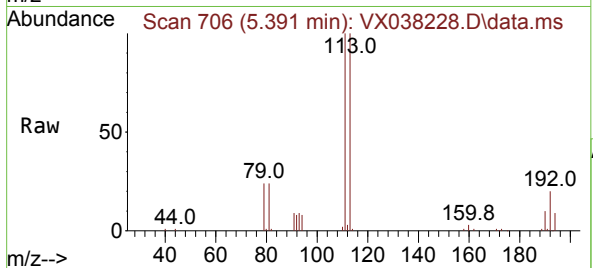
88 13.8 0.0 36.6



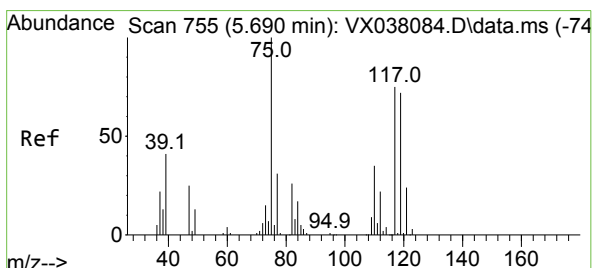
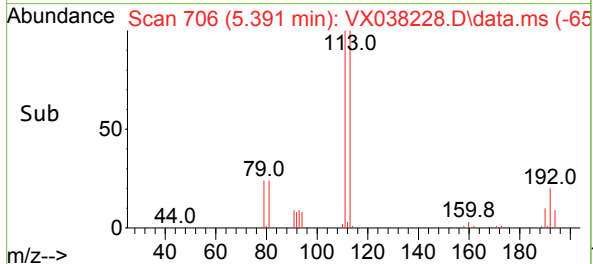
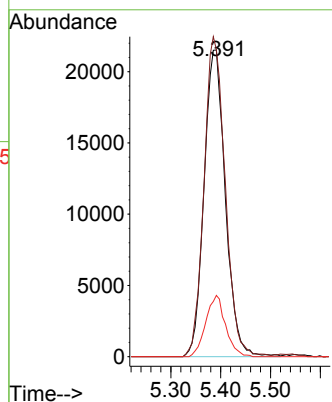


#35
Dibromofluoromethane
Concen: 45.352 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :

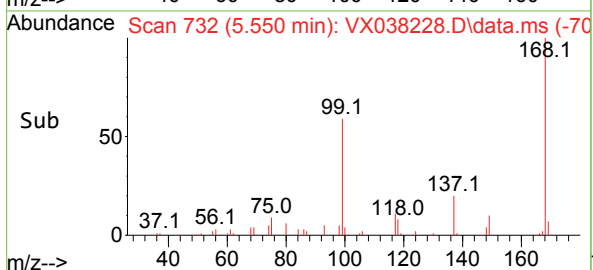
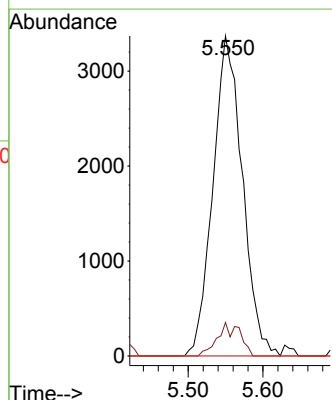
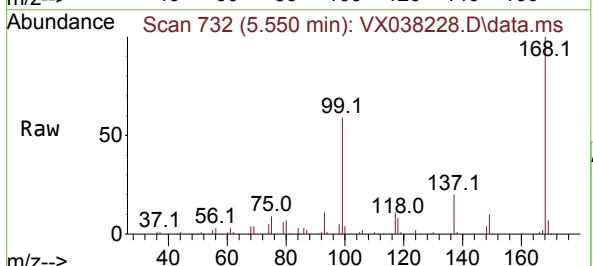


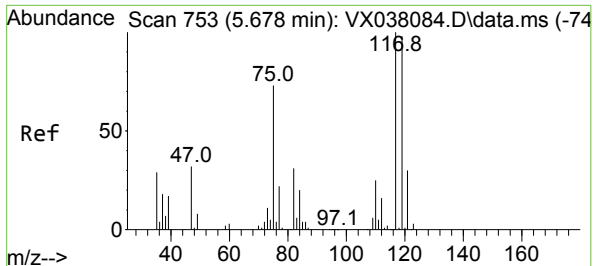
Tgt Ion:113 Resp: 63819
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

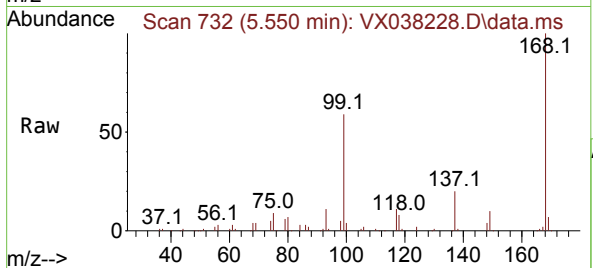
Tgt Ion: 75 Resp: 9223
Ion Ratio Lower Upper
75 100
110 4.6 17.0 50.9#
77 0.0 24.7 37.1#



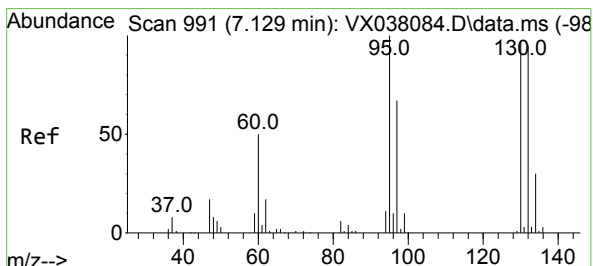
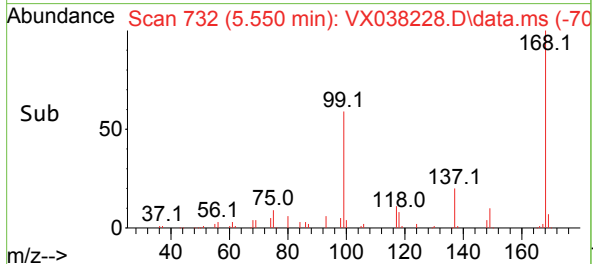
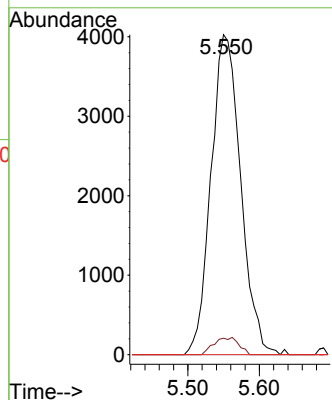


#38
Carbon Tetrachloride
Concen: 6.073 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Instrument :
MSVOA_X
ClientSampleId :

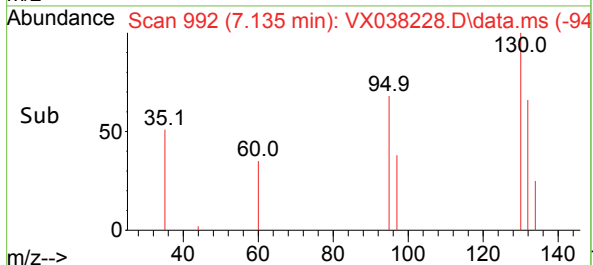
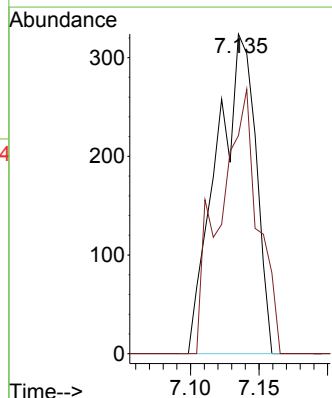
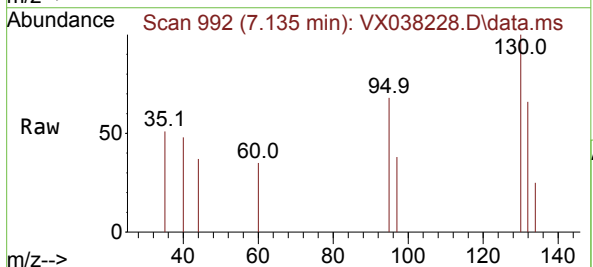


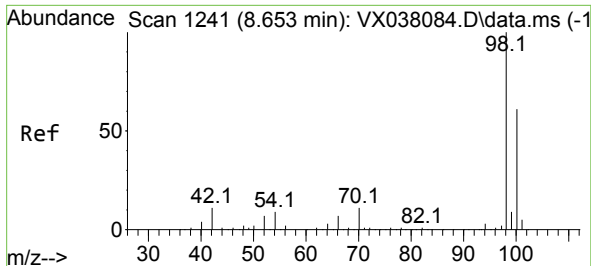
Tgt Ion:117 Resp: 11593
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.454 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion:130 Resp: 645
Ion Ratio Lower Upper
130 100
95 68.2 0.0 204.4

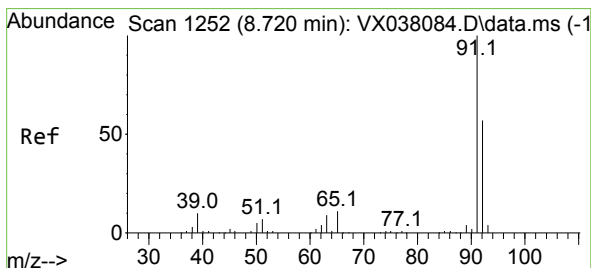
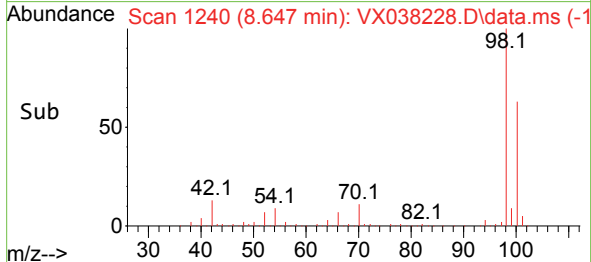
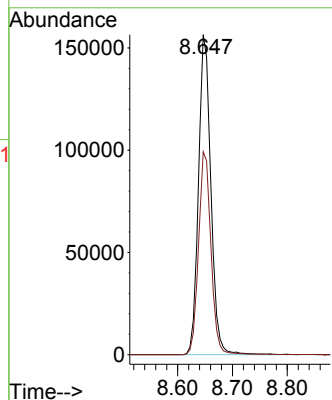
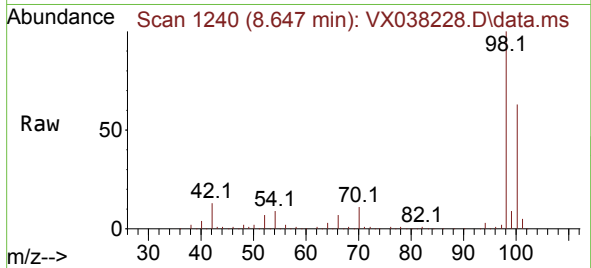




#50
Toluene-d8
Concen: 45.770 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

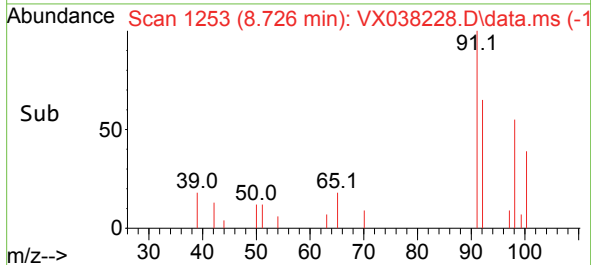
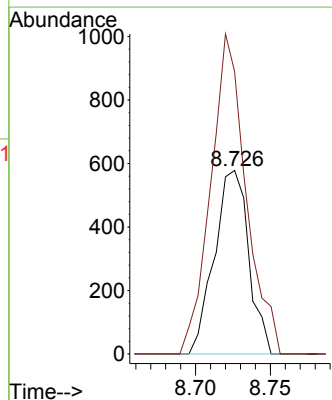
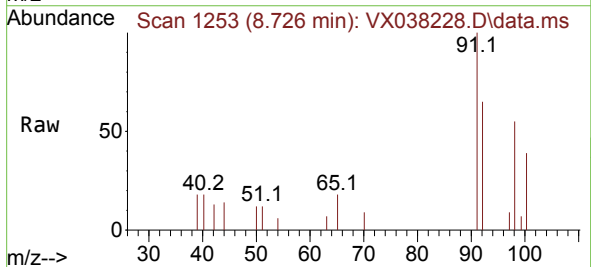
Instrument :
MSVOA_X
ClientSampleId :

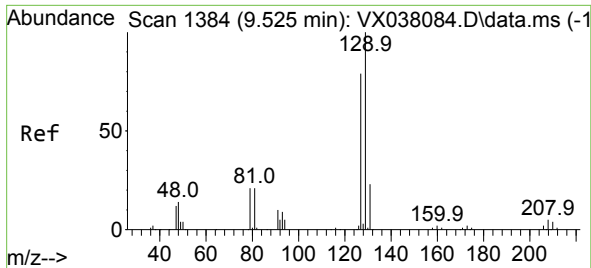
Tgt Ion: 98 Resp: 246114
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#52
Toluene
Concen: 0.261 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion: 92 Resp: 922
Ion Ratio Lower Upper
92 100
91 179.0 134.2 201.2

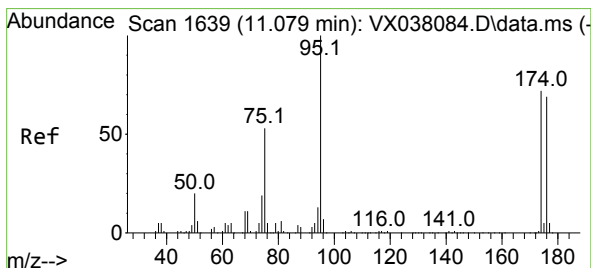
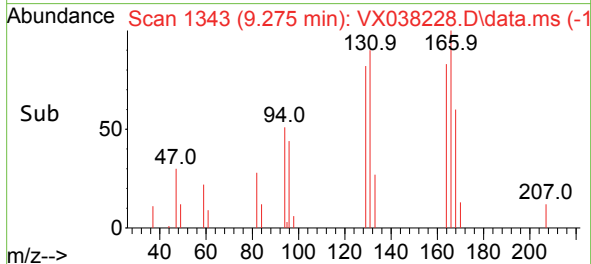
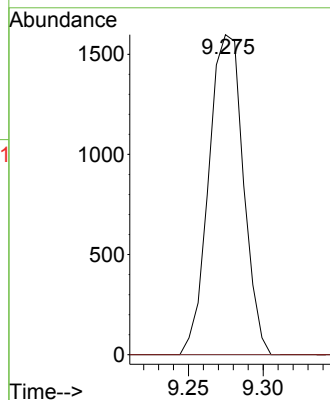
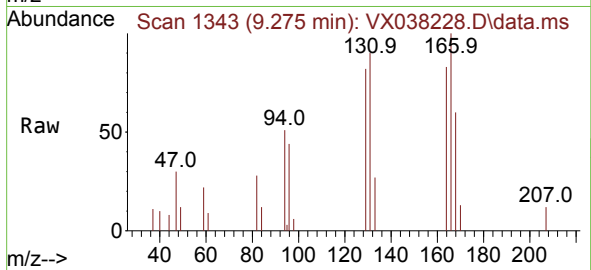




#60
Dibromochloromethane
Concen: 1.738 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

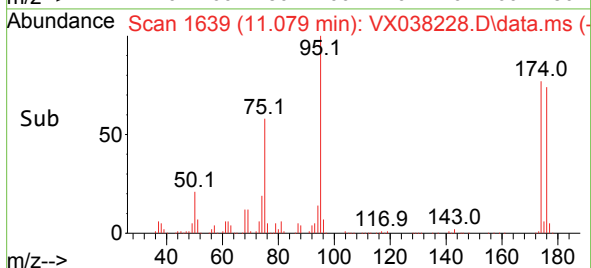
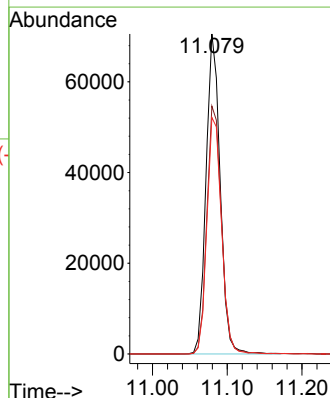
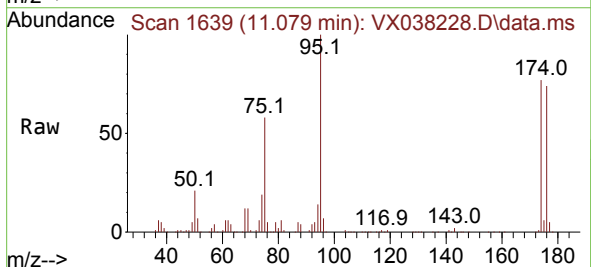
Instrument :
MSVOA_X
ClientSampleId :

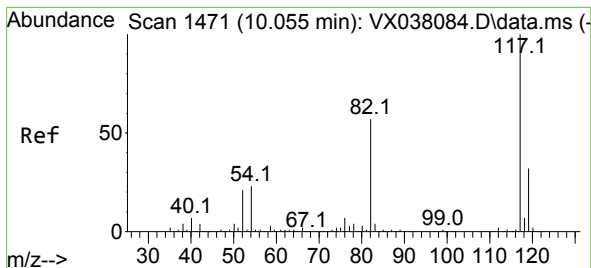
Tgt Ion:129 Resp: 2572
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion: 95 Resp: 92554
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 76.6 0.0 131.0

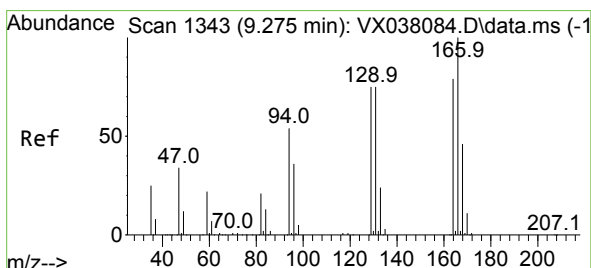
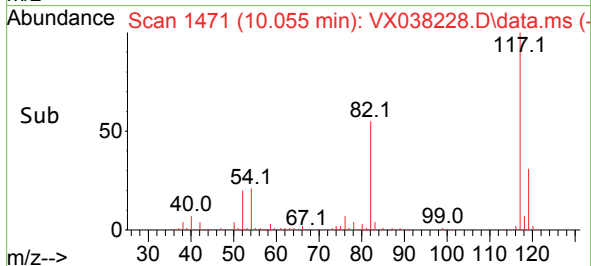
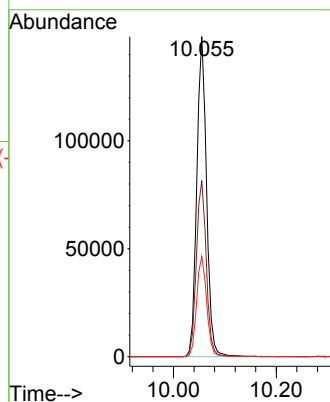
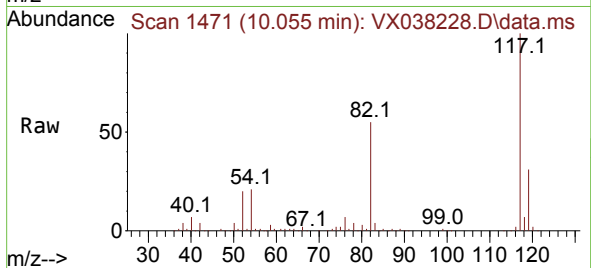




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

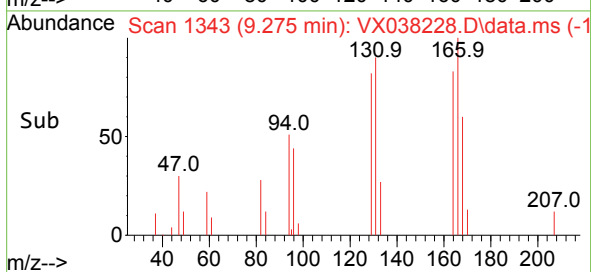
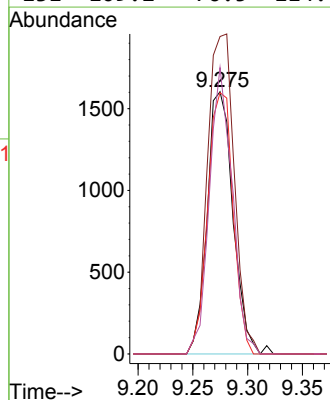
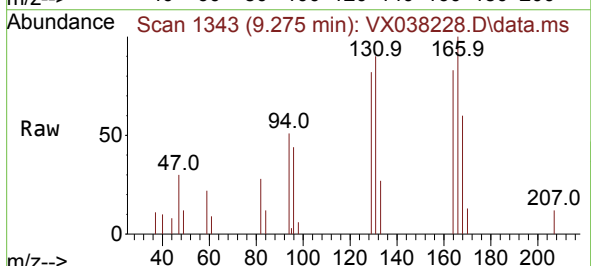
Instrument :
MSVOA_X
ClientSampleId :

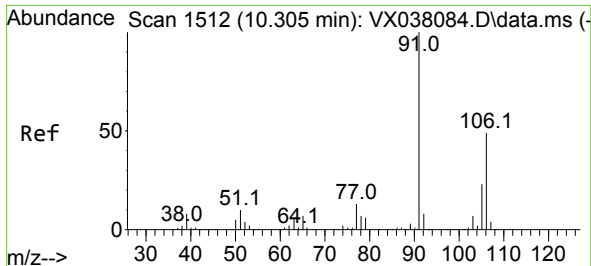
Tgt Ion:117 Resp: 196259
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 2.074 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion:164 Resp: 2635
Ion Ratio Lower Upper
164 100
166 121.0 102.7 154.1
129 99.6 80.4 120.6
131 109.2 76.5 114.7

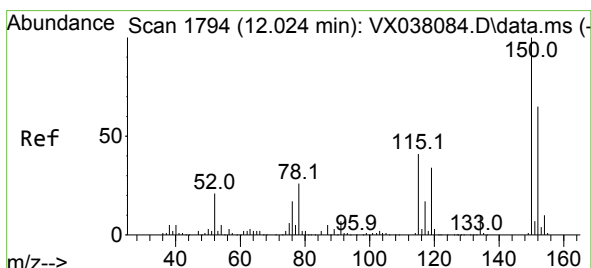
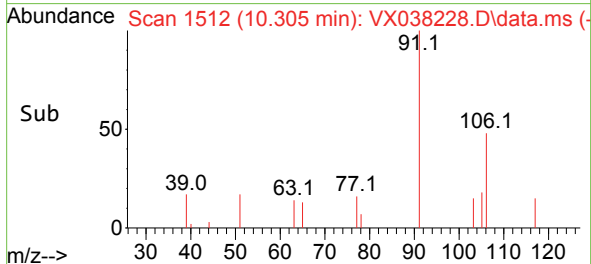
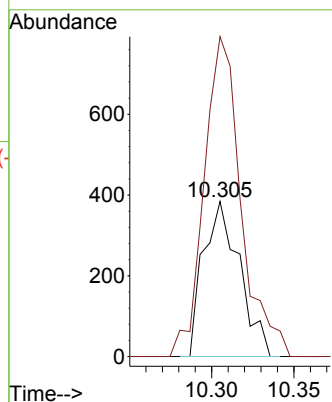
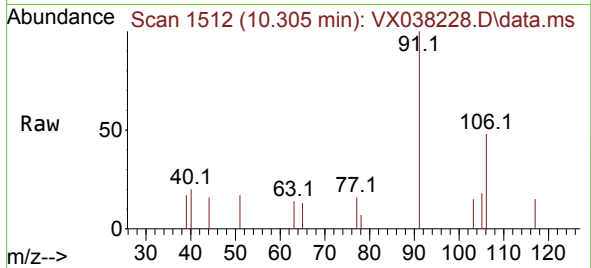




#68
m/p-Xylenes
Concen: 0.207 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

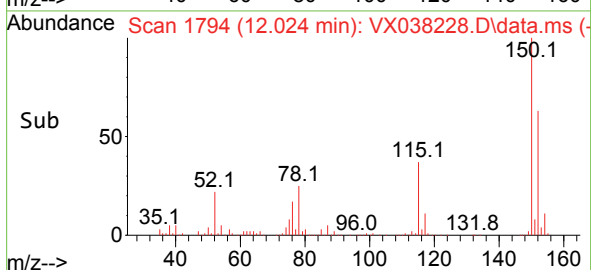
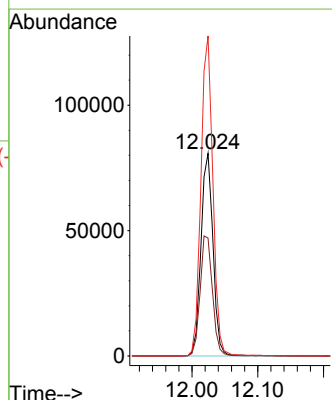
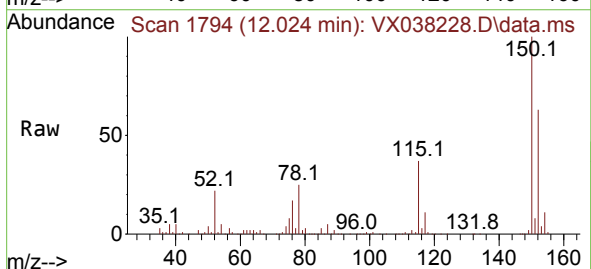
Instrument :
MSVOA_X
ClientSampleId :

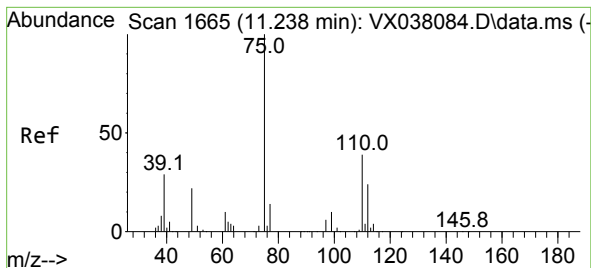
Tgt Ion:106 Resp: 586
Ion Ratio Lower Upper
106 100
91 211.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038228.D
Acq: 11 Oct 2023 14:46

Tgt Ion:152 Resp: 102847
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.374 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038228.D

Acq: 11 Oct 2023 14:46

Instrument :

MSVOA_X

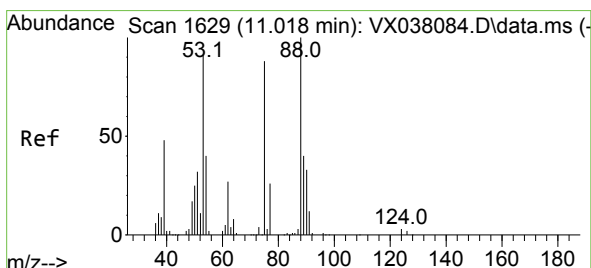
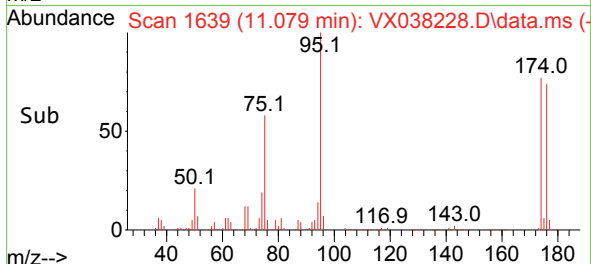
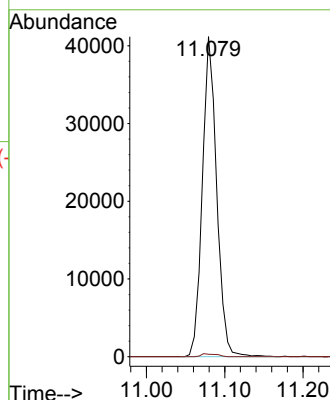
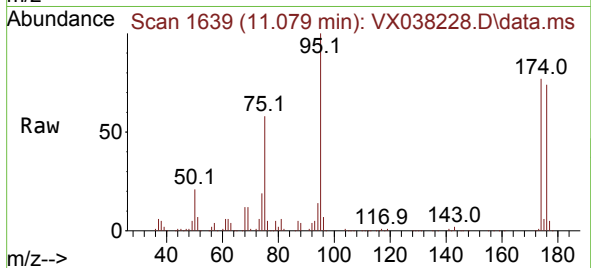
ClientSampleId :

Tgt Ion: 75 Resp: 52312

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.093 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038228.D

Acq: 11 Oct 2023 14:46

Tgt Ion: 75 Resp: 52312

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

