

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038450.D
 Acq On : 24 Oct 2023 12:39
 Operator : JC/MD
 Sample : VX1024WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 25 06:07:05 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)

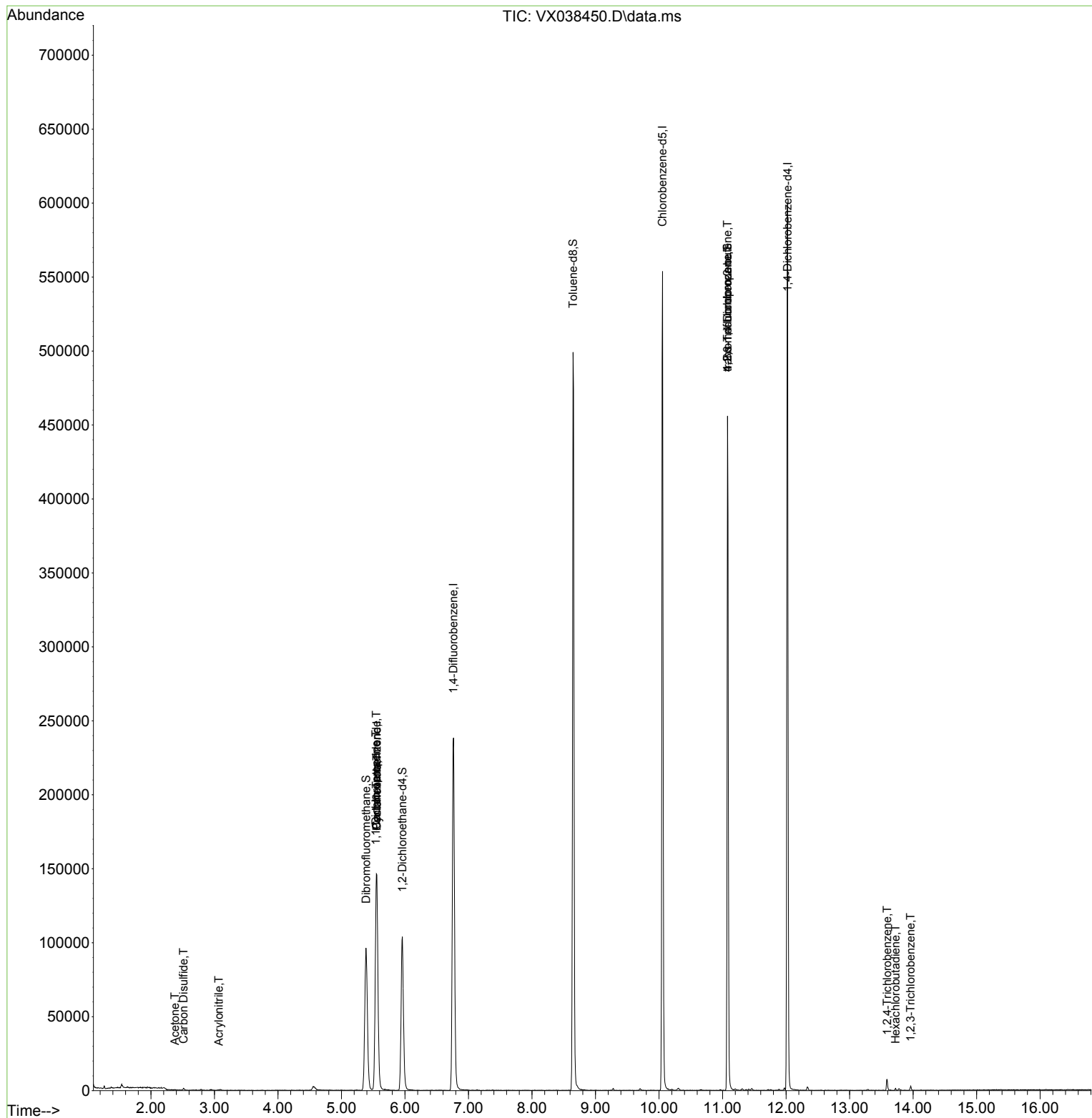
Internal Standards						
1) Pentafluorobenzene	5.556	168	142565	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	253236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97031	42.315	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.620%
35) Dibromofluoromethane	5.385	113	82293	45.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	8.647	98	309607	44.403	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.800%#
62) 4-Bromofluorobenzene	11.079	95	117317	44.381	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	41	Below Cal	#	3
6) Chloroethane	1.666	64	27	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	318	Below Cal	#	78
15) Acrylonitrile	3.068	53	239	0.229	ug/l	# 49
16) Acetone	2.379	43	339	0.354	ug/l	# 47
17) Carbon Disulfide	2.514	76	1340	0.356	ug/l	# 76
31) Cyclohexane	5.556	56	2872	1.156	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	11286	4.485	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	14945	6.038	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	62509	21.190	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	62509	60.917	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	2054	0.747	ug/l	97
94) Hexachlorobutadiene	13.725	225	234	0.211	ug/l	89
96) 1,2,3-Trichlorobenzene	13.963	180	930	0.349	ug/l	87

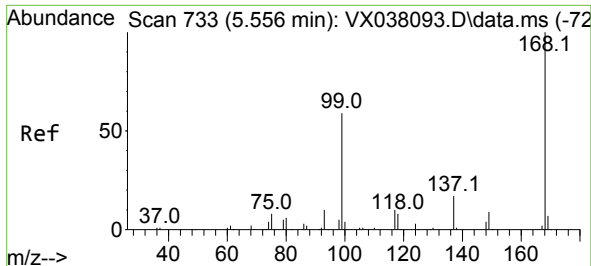
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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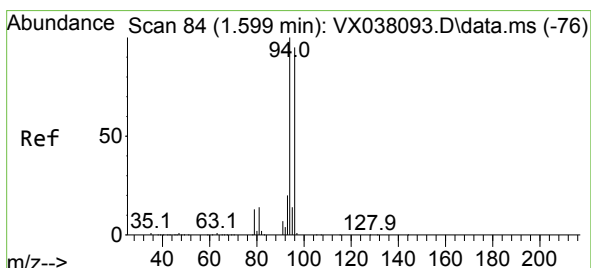
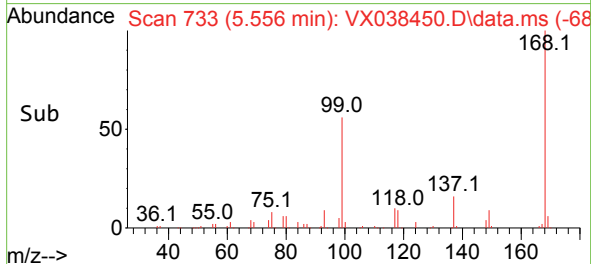
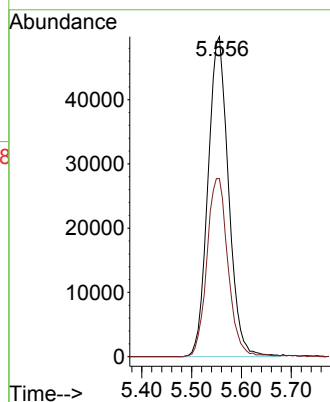
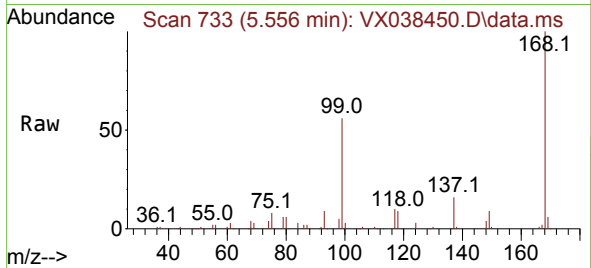




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

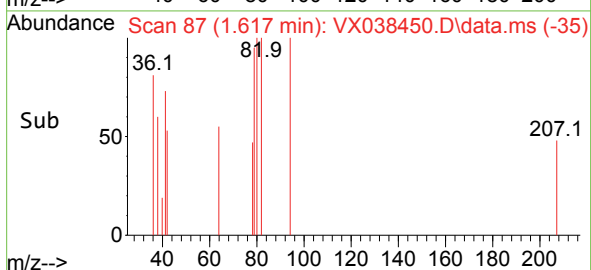
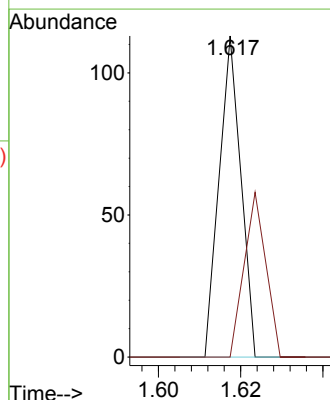
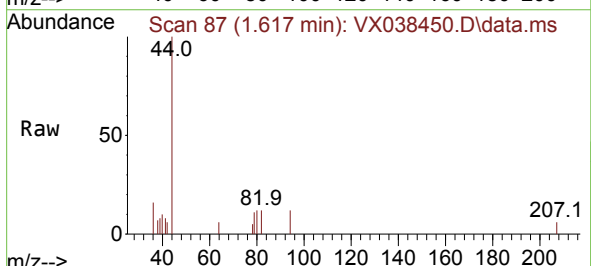
Instrument :
MSVOA_X
ClientSampleId :

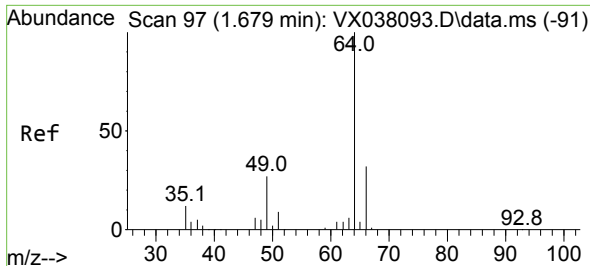
Tgt Ion:168 Resp: 142565
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

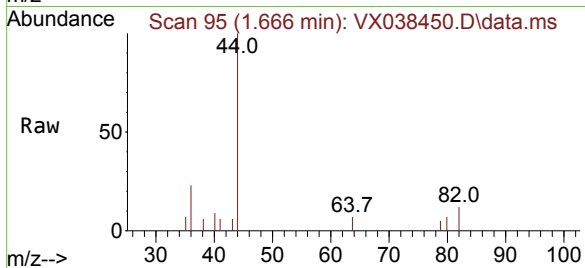
Tgt Ion: 94 Resp: 41
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



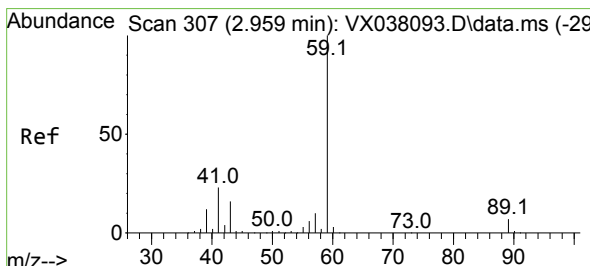
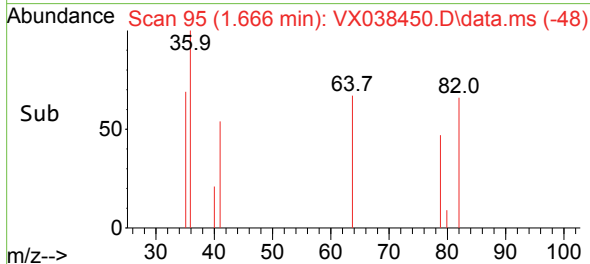
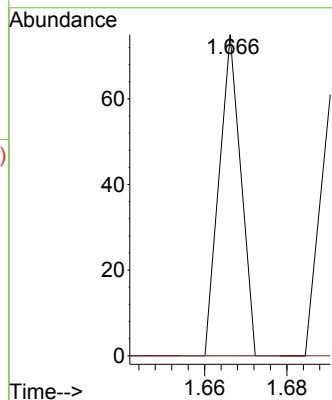


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

Instrument :
MSVOA_X
ClientSampleId :

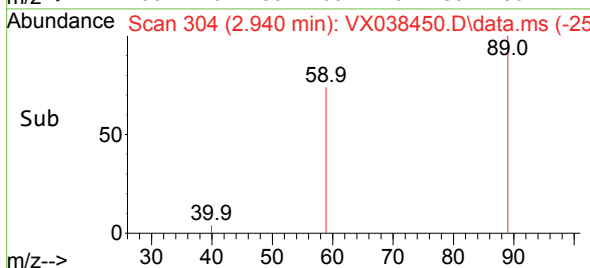
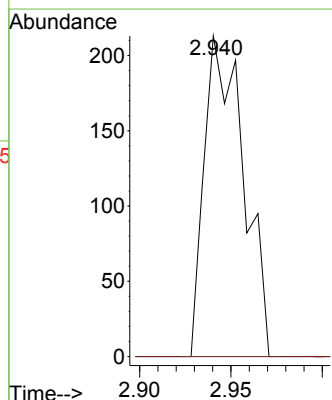
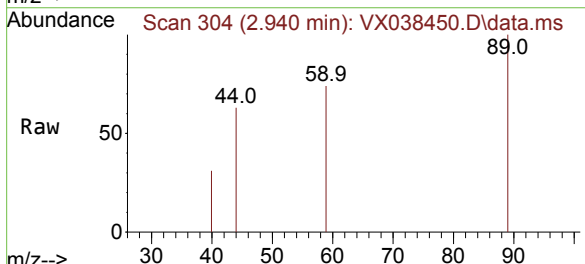


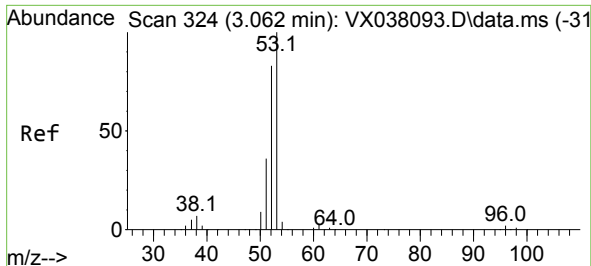
Tgt Ion: 64 Resp: 27
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

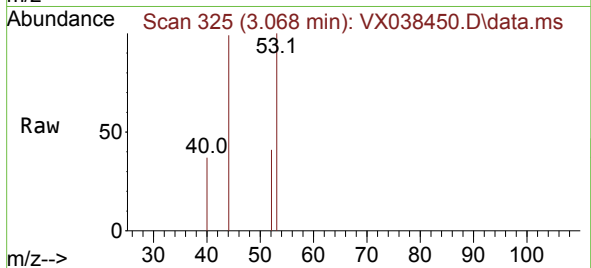
Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



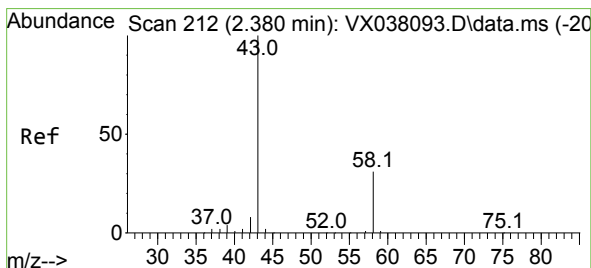
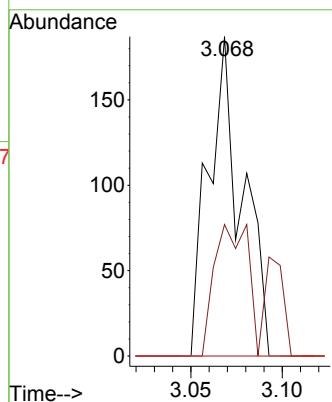


#15
Acrylonitrile
Concen: 0.229 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

Instrument :
MSVOA_X
ClientSampleId :

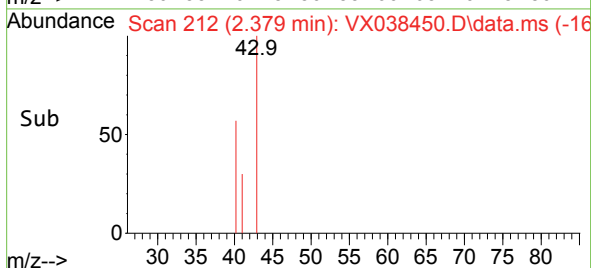
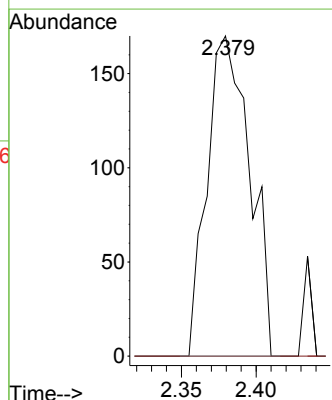
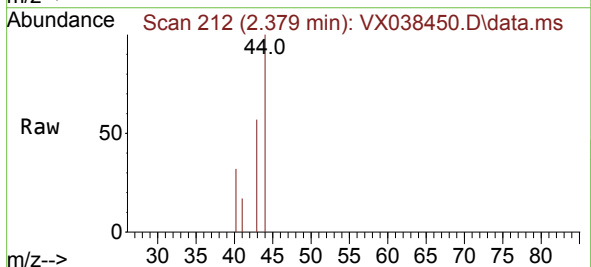


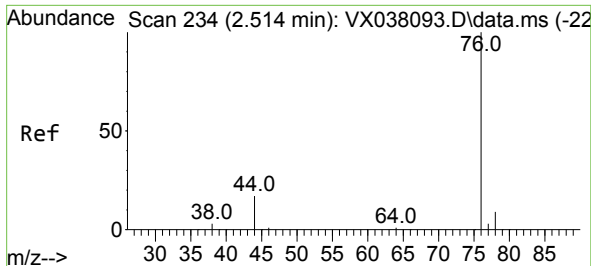
Tgt Ion: 53 Resp: 239
Ion Ratio Lower Upper
53 100
52 41.0 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 0.354 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

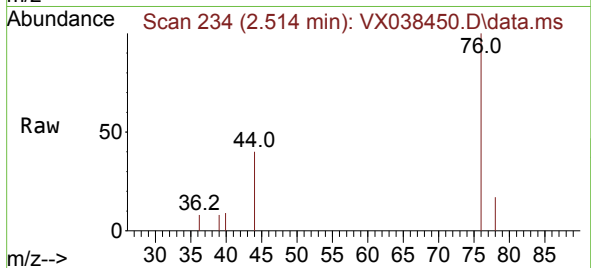
Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



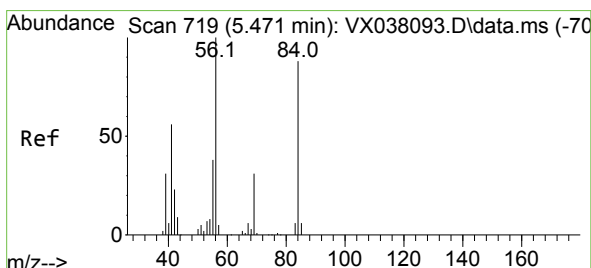
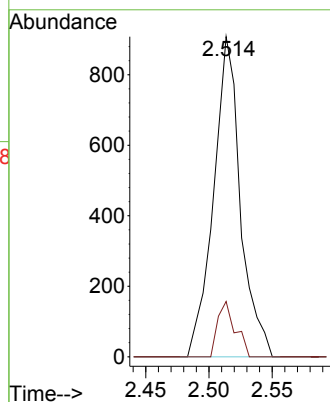
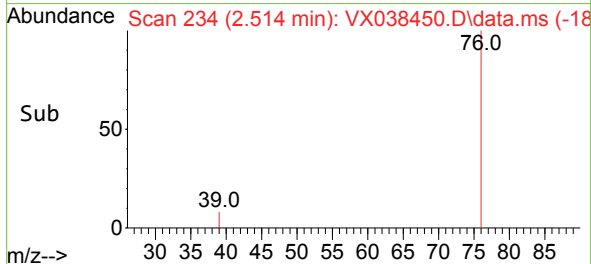


#17
Carbon Disulfide
Concen: 0.356 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

Instrument :
MSVOA_X
ClientSampleId :

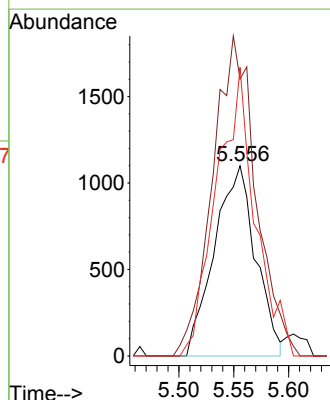
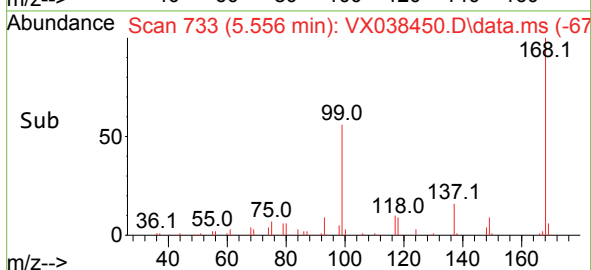
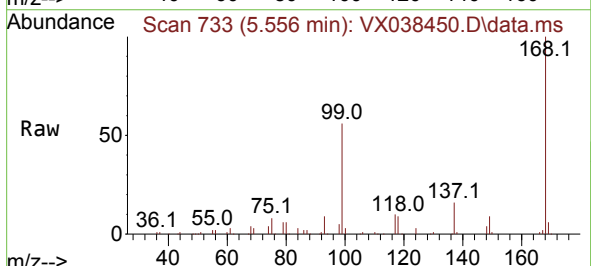


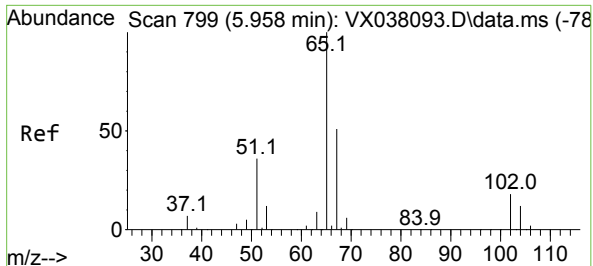
Tgt Ion: 76 Resp: 1340
Ion Ratio Lower Upper
76 100
78 17.3 7.0 10.6#



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

Tgt Ion: 56 Resp: 2872
Ion Ratio Lower Upper
56 100
69 140.1 23.4 35.2#
84 152.0 65.9 98.9#

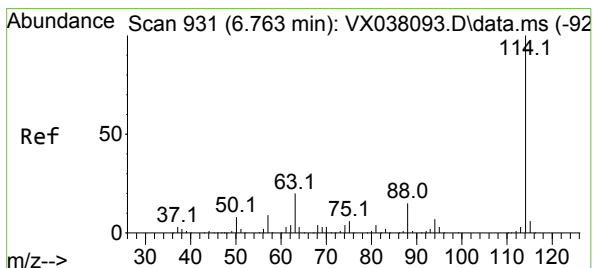
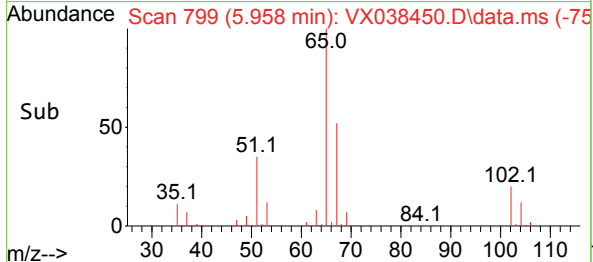
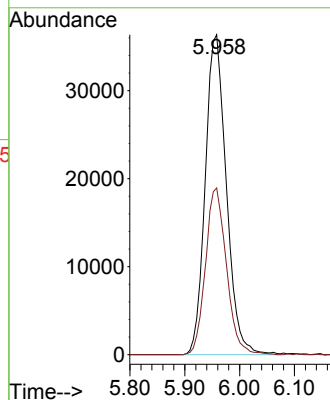
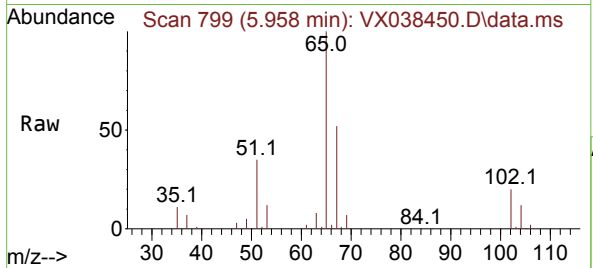




#33
 1,2-Dichloroethane-d4
 Concen: 42.315 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038450.D
 Acq: 24 Oct 2023 12:39

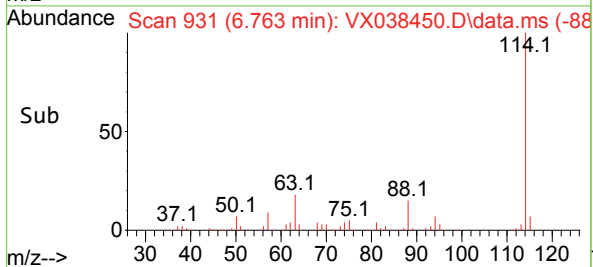
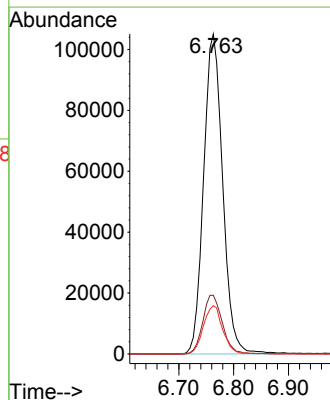
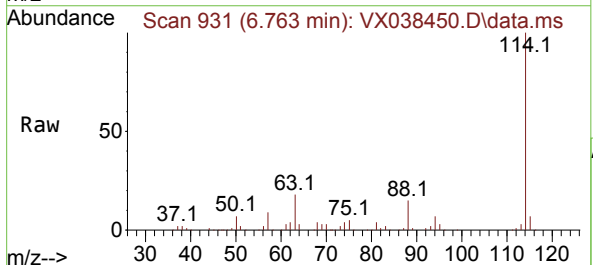
Instrument :
 MSVOA_X
 ClientSampleId :

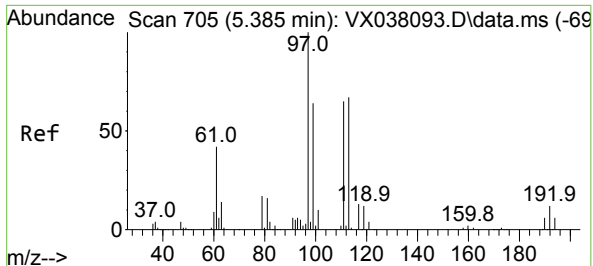
Tgt Ion: 65 Resp: 97031
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038450.D
 Acq: 24 Oct 2023 12:39

Tgt Ion:114 Resp: 253236
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 45.0
 88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.099 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

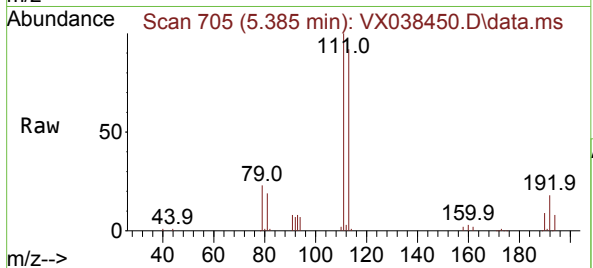
Lab File: VX038450.D

Acq: 24 Oct 2023 12:39

Instrument :

MSVOA_X

ClientSampleId :



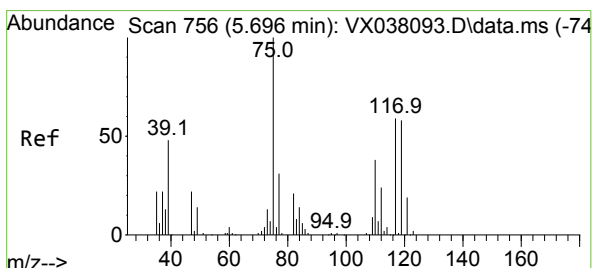
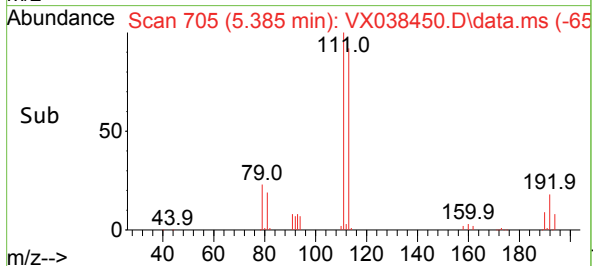
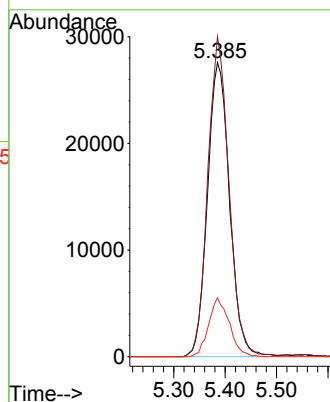
Tgt Ion:113 Resp: 82293

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

192 18.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX038450.D

Acq: 24 Oct 2023 12:39

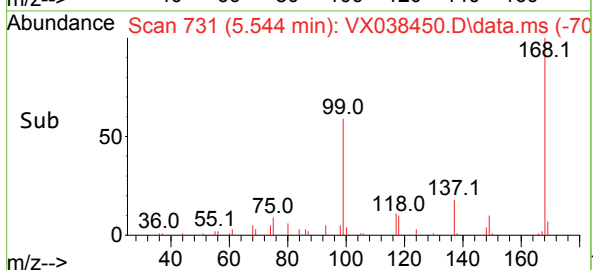
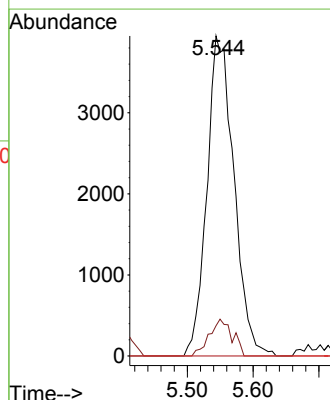
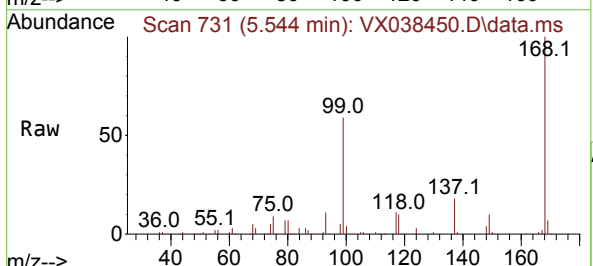
Tgt Ion: 75 Resp: 11286

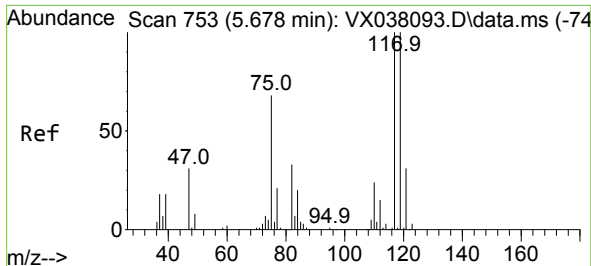
Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

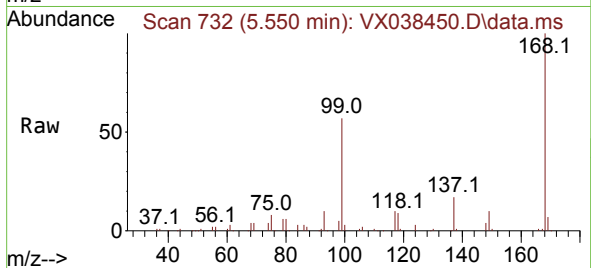
77 0.0 24.7 37.1#



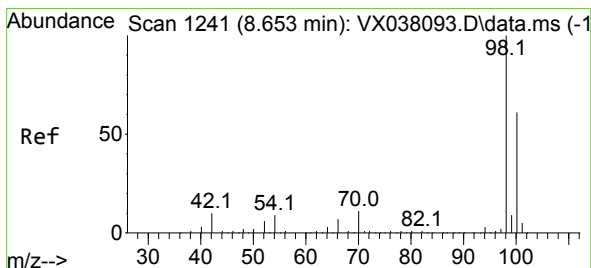
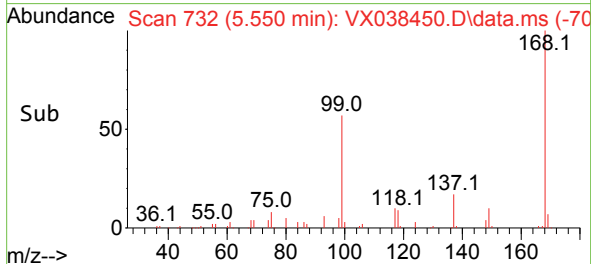
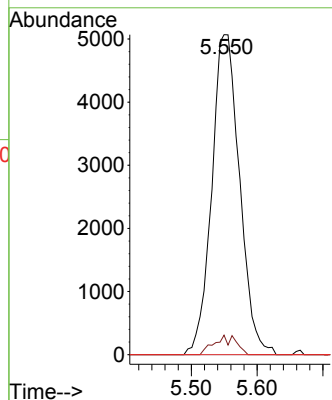


#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

Instrument :
MSVOA_X
ClientSampleId :

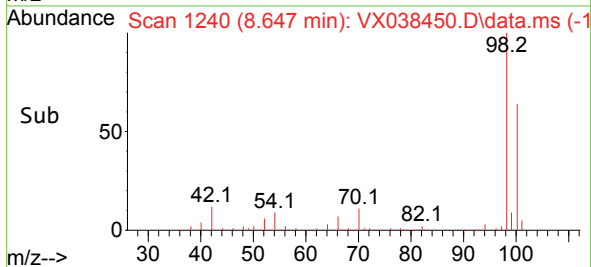
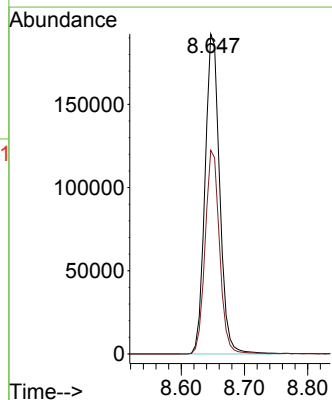
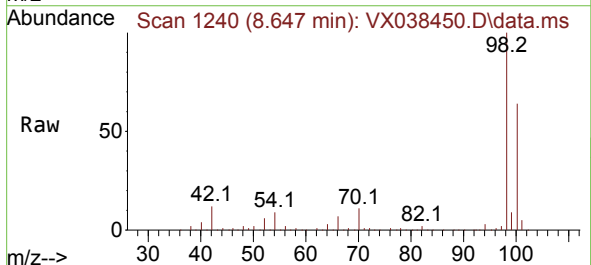


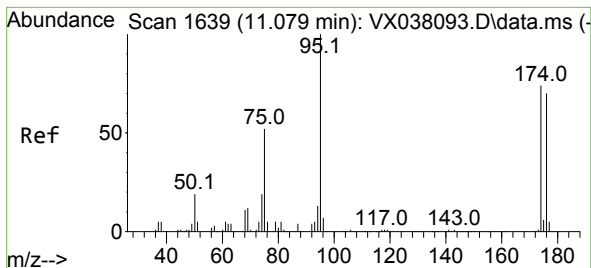
Tgt Ion:117 Resp: 14945
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.403 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

Tgt Ion: 98 Resp: 309607
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

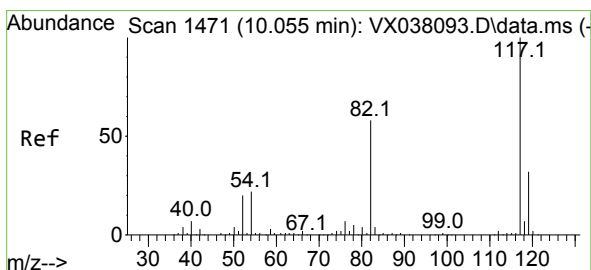
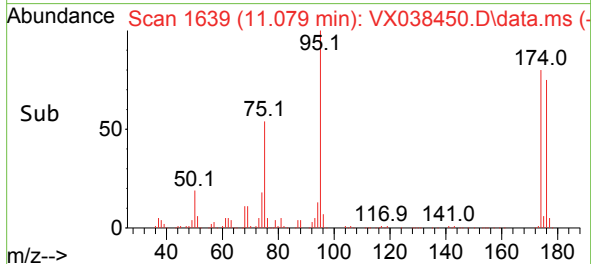
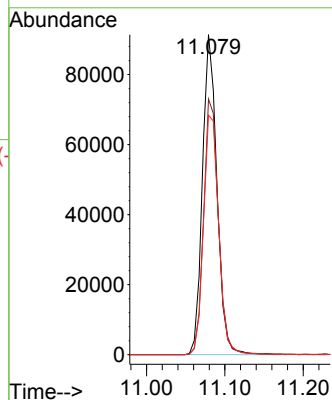
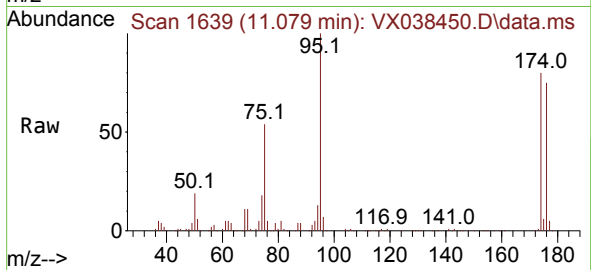




#62
4-Bromofluorobenzene
Concen: 44.381 ug/l
RT: 11.079 min Scan# 117317
Delta R.T. 0.000 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

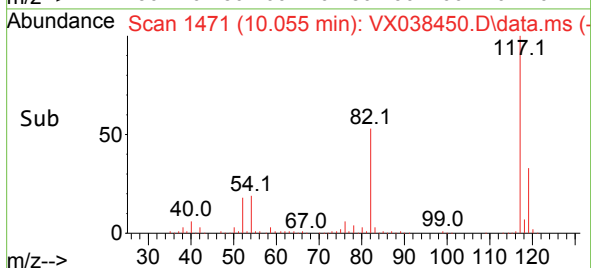
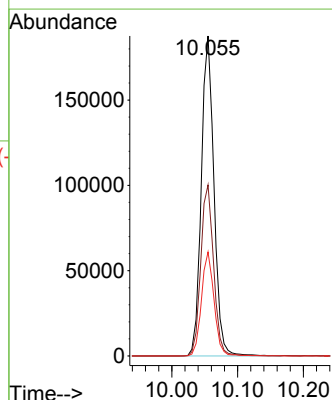
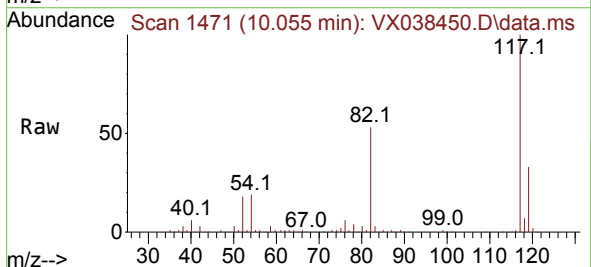
Instrument :
MSVOA_X
ClientSampleId :

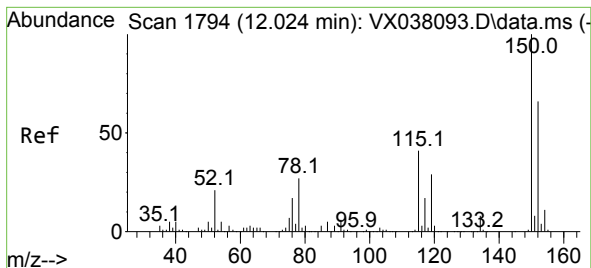
Tgt Ion: 95 Resp: 117317
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 78.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

Tgt Ion:117 Resp: 251148
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038450.D

Acq: 24 Oct 2023 12:39

Instrument :

MSVOA_X

ClientSampleId :

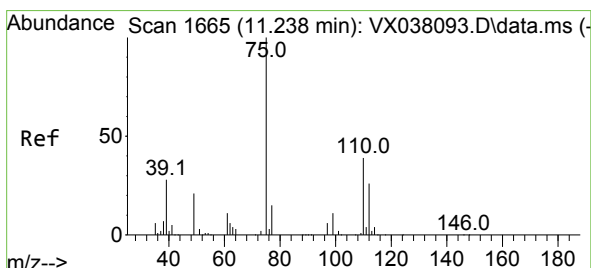
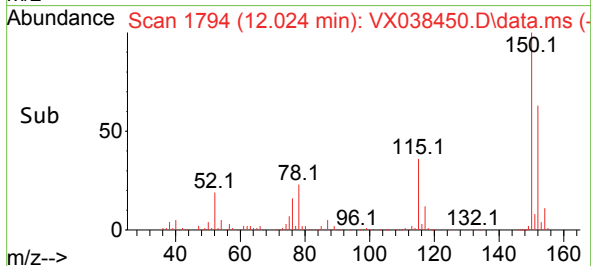
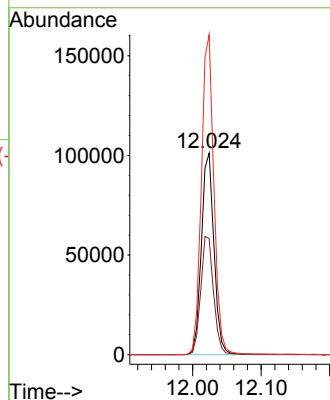
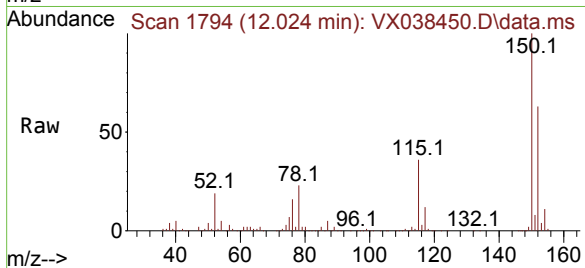
Tgt Ion:152 Resp: 129757

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038450.D

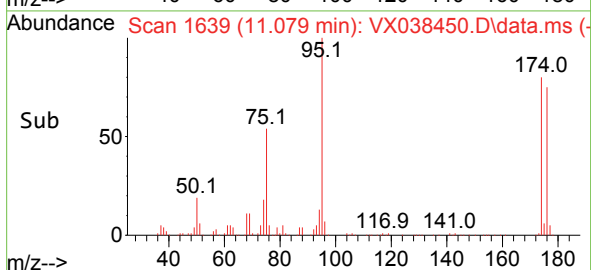
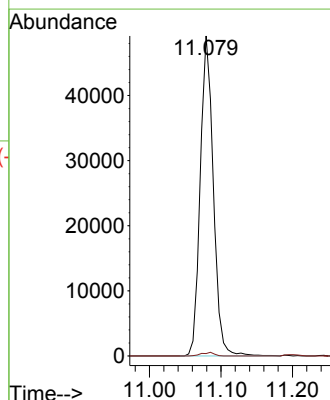
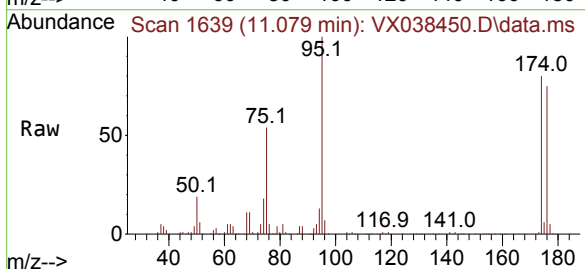
Acq: 24 Oct 2023 12:39

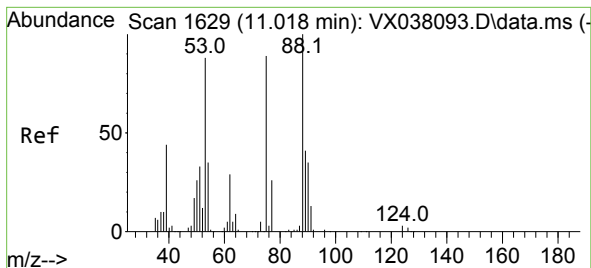
Tgt Ion: 75 Resp: 62509

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

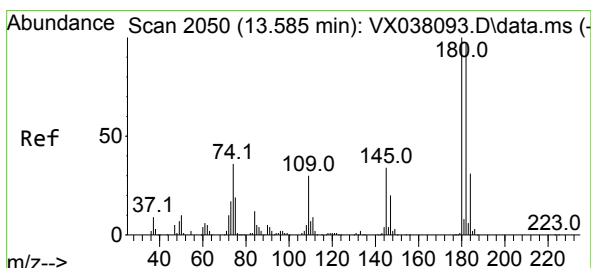
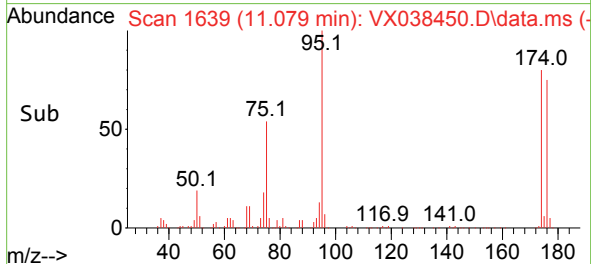
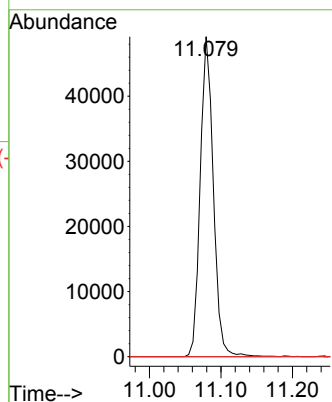
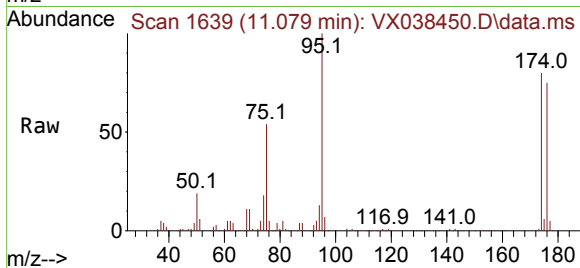




#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.917 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038450.D
 Acq: 24 Oct 2023 12:39

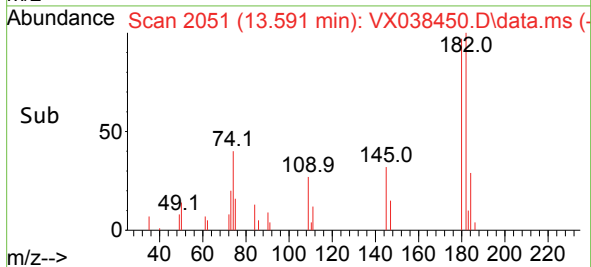
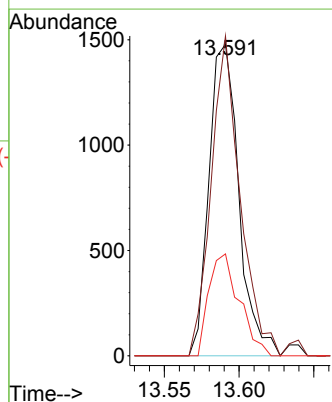
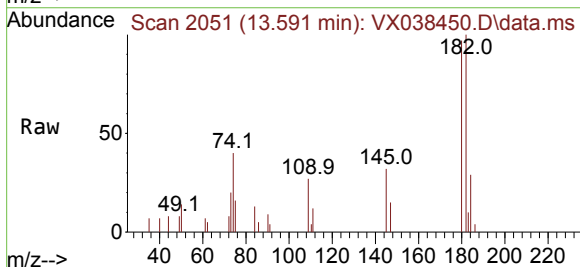
Instrument :
 MSVOA_X
 ClientSampleId :

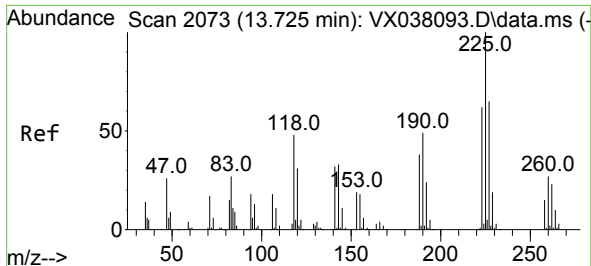
Tgt Ion: 75 Resp: 62509
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.747 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038450.D
 Acq: 24 Oct 2023 12:39

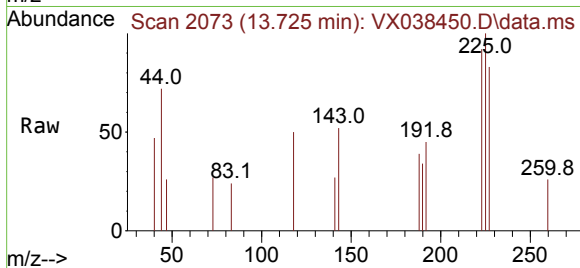
Tgt Ion: 180 Resp: 2054
 Ion Ratio Lower Upper
 180 100
 182 99.4 48.3 144.8
 145 33.4 18.0 54.0



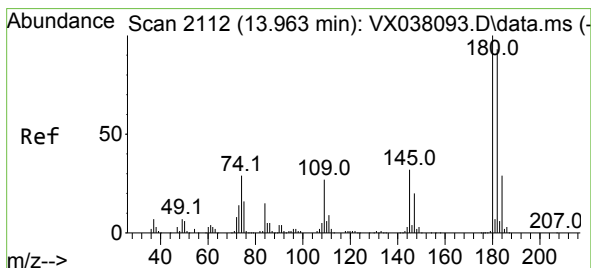
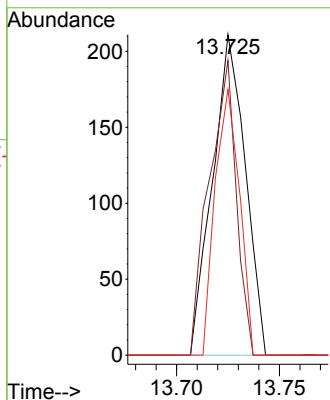
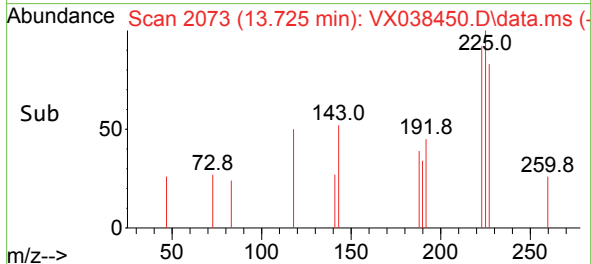


#94
Hexachlorobutadiene
Concen: 0.211 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39

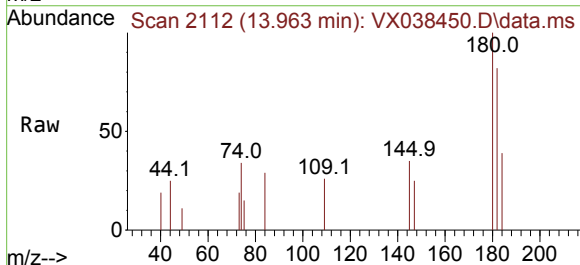
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:225 Resp: 234
Ion Ratio Lower Upper
225 100
223 76.1 31.1 93.2
227 61.5 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.349 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038450.D
Acq: 24 Oct 2023 12:39



Tgt Ion:180 Resp: 930
Ion Ratio Lower Upper
180 100
182 80.4 46.9 140.6
145 29.7 17.8 53.5

