

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036278.D
 Acq On : 21 Jun 2023 18:06
 Operator : JC/MD
 Sample : 03358-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-06-2023

Quant Time: Jun 22 05:03:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

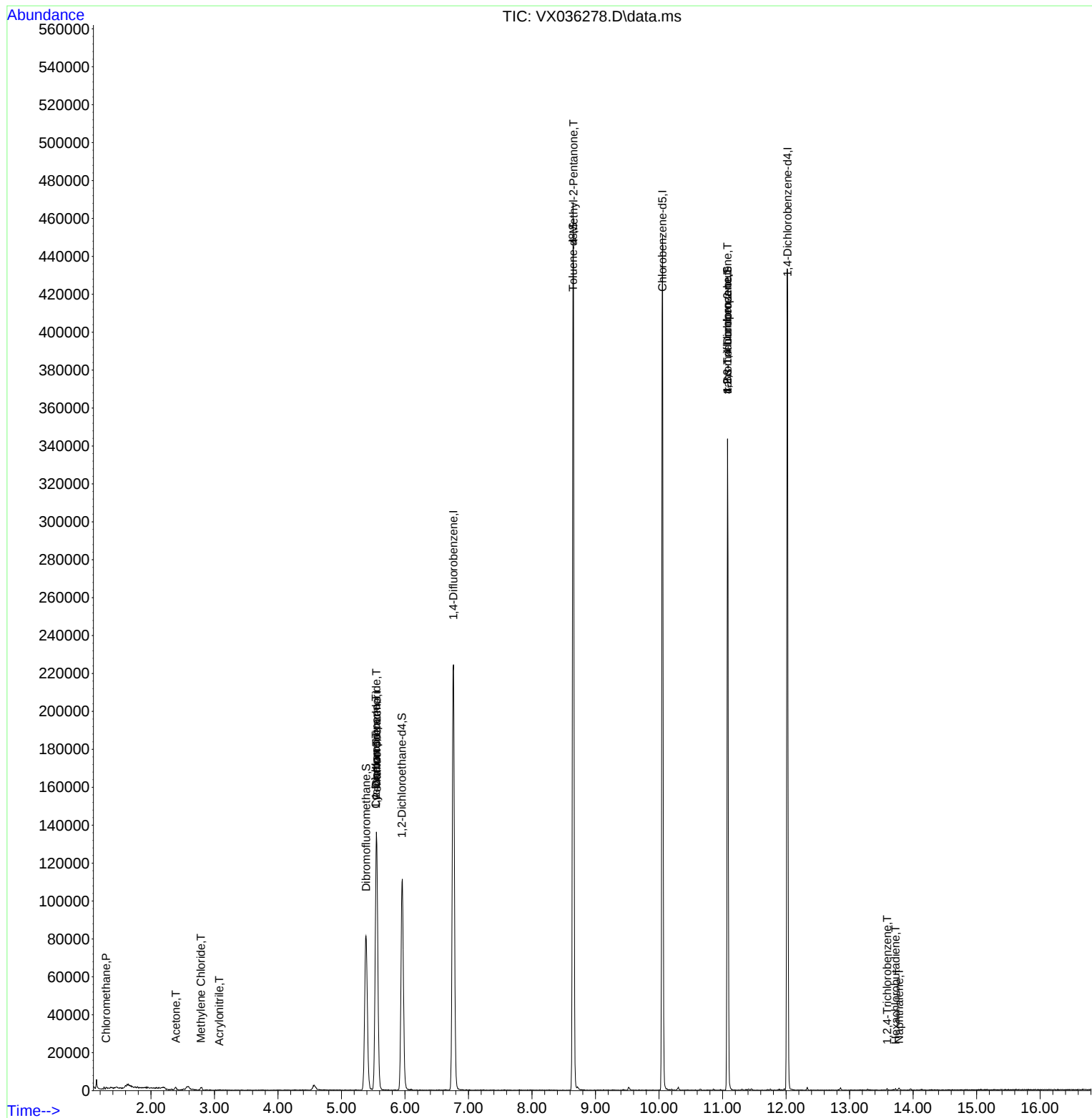
Internal Standards						
1) Pentafluorobenzene	5.556	168	118571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105872	48.861	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.385	113	72041	47.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	8.647	98	260616	47.222	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.440%		
62) 4-Bromofluorobenzene	11.079	95	87379	39.222	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	78.440%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	336	0.218	ug/l #	76
15) Acrylonitrile	3.075	53	184	0.217	ug/l #	17
16) Acetone	2.392	43	1521	1.690	ug/l #	89
20) Methylene Chloride	2.788	84	689	0.422	ug/l #	92
31) Cyclohexane	5.544	56	3186	1.371	ug/l #	7
36) 1,1-Dichloropropene	5.544	75	11312	5.090	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13556	6.274	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1455	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49821	25.633	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49821	89.719	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	359	0.238	ug/l #	75
94) Hexachlorobutadiene	13.725	225	170	0.285	ug/l	74
95) Naphthalene	13.780	128	1316	0.253	ug/l #	87

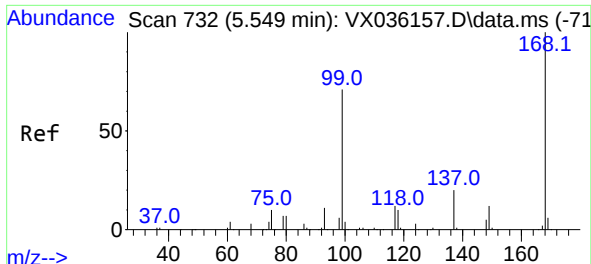
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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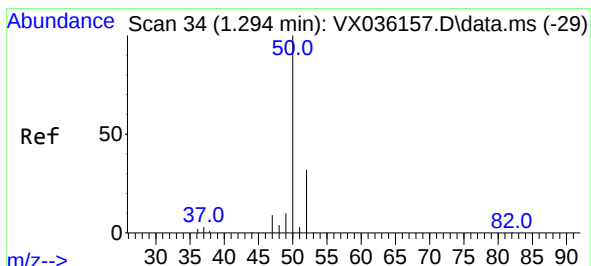
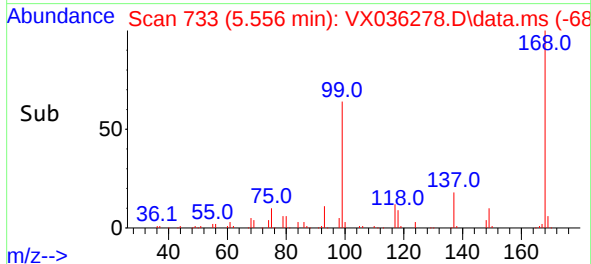
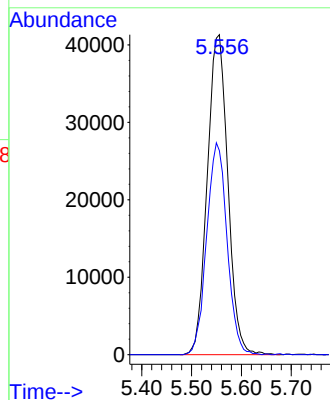
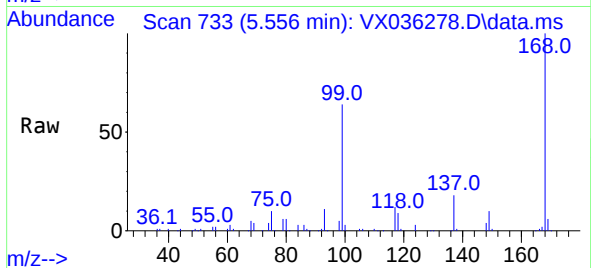




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

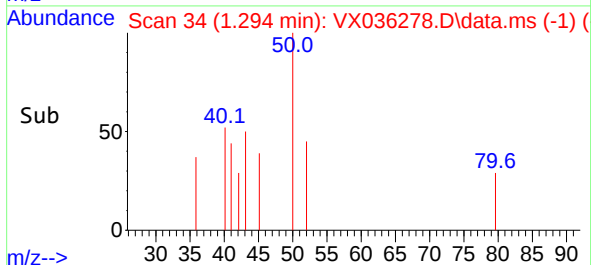
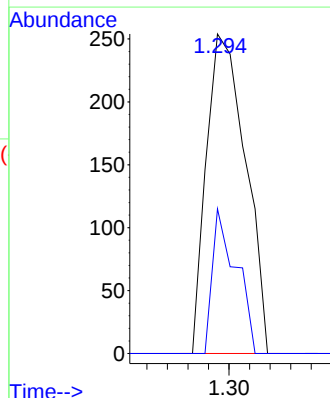
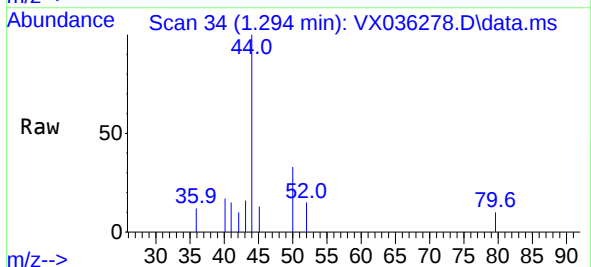
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

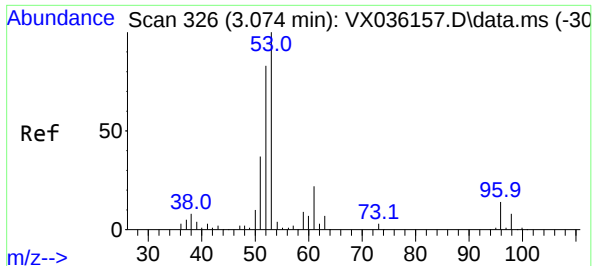
Tgt Ion:168 Resp: 118571
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 45.3 25.5 38.3#

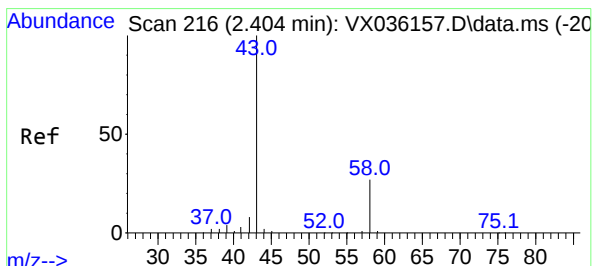
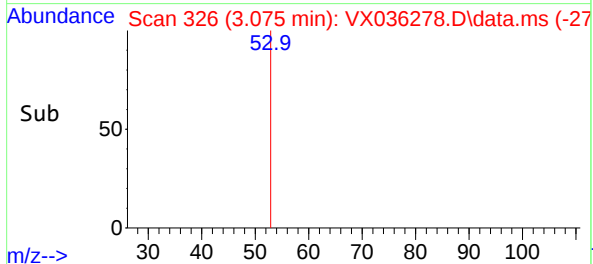
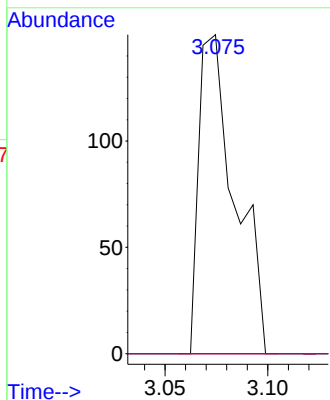
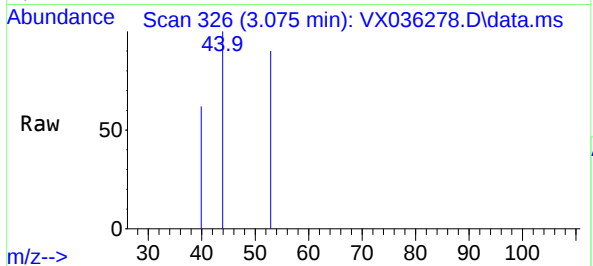




#15
Acrylonitrile
Concen: 0.217 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

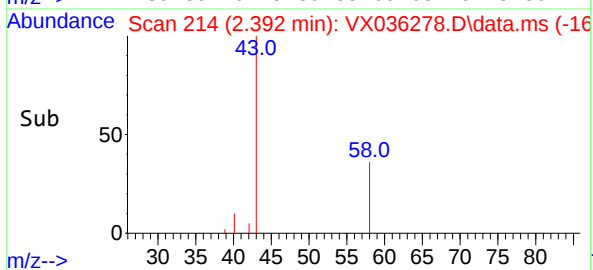
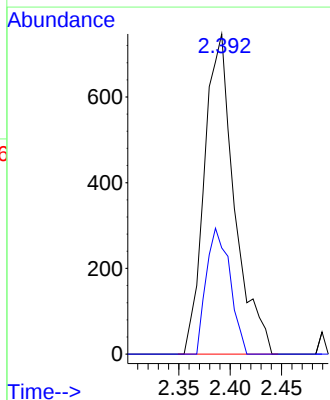
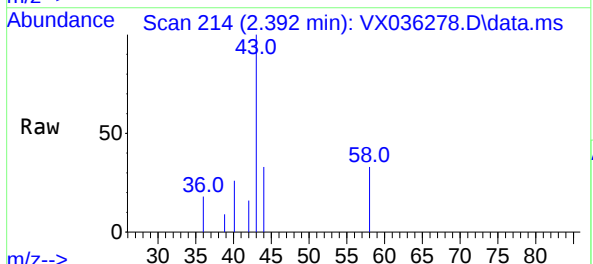
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

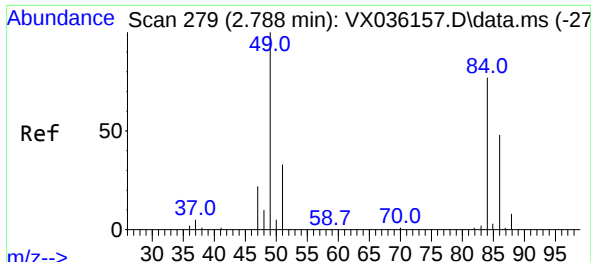
Tgt Ion: 53 Resp: 184
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 1.690 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

Tgt Ion: 43 Resp: 1521
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9#





#20

Methylene Chloride

Concen: 0.422 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036278.D

Acq: 21 Jun 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

TB-06-2023

Tgt Ion: 84 Resp: 689

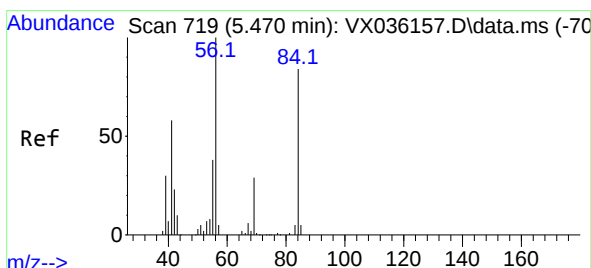
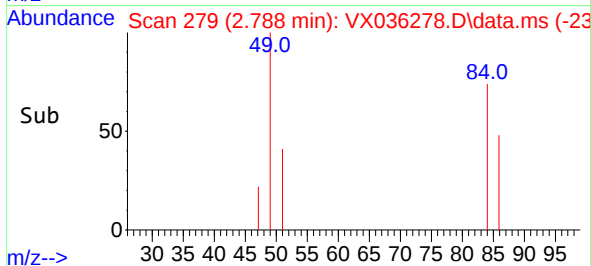
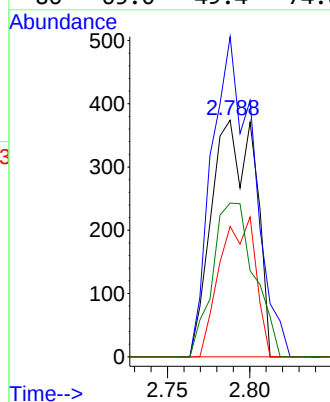
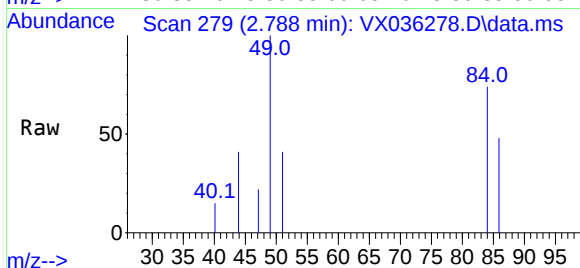
Ion Ratio Lower Upper

84 100

49 135.3 103.6 155.4

51 55.1 33.8 50.6#

86 65.0 49.4 74.0



#31

Cyclohexane

Concen: 1.371 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.074 min

Lab File: VX036278.D

Acq: 21 Jun 2023 18:06

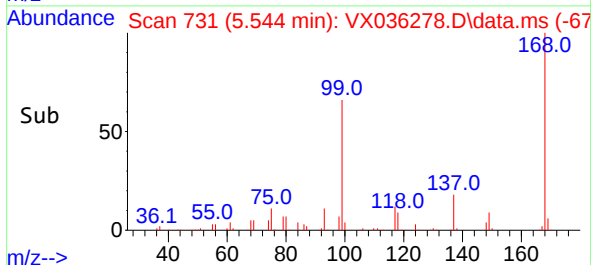
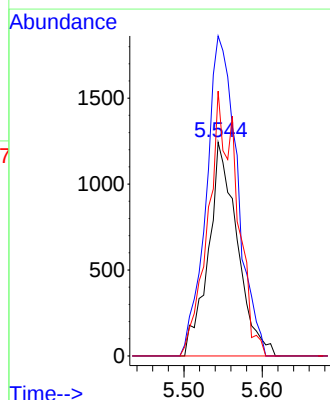
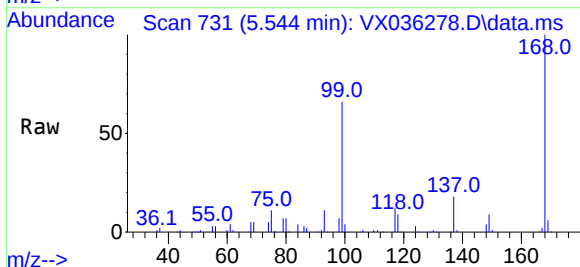
Tgt Ion: 56 Resp: 3186

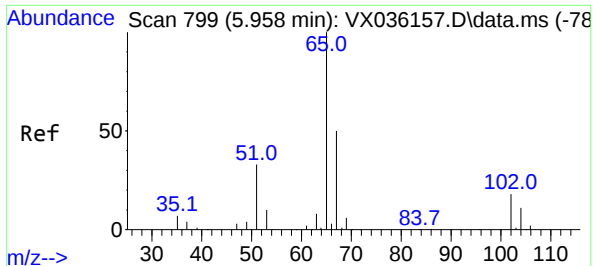
Ion Ratio Lower Upper

56 100

69 149.8 23.4 35.2#

84 124.0 65.9 98.9#

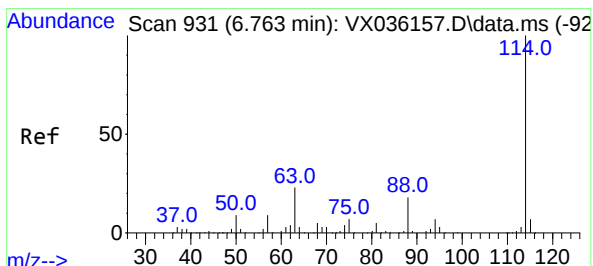
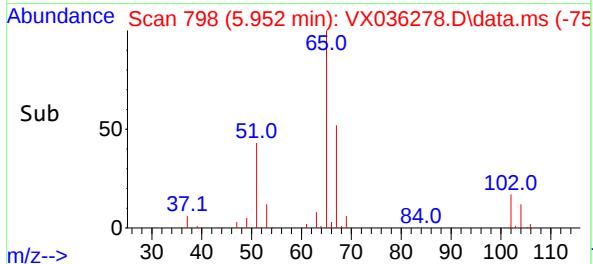
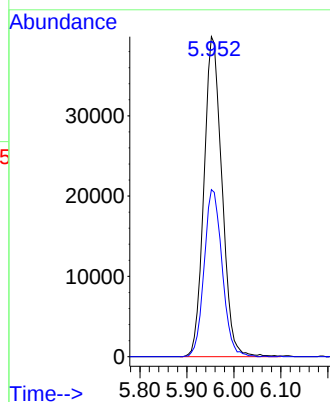
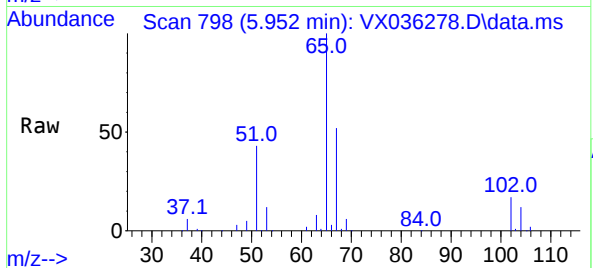




#33
1,2-Dichloroethane-d4
Concen: 48.861 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

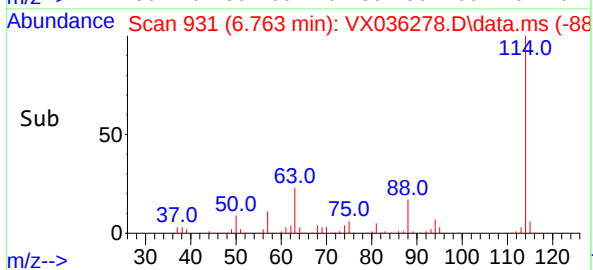
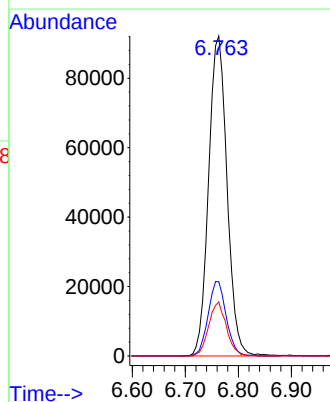
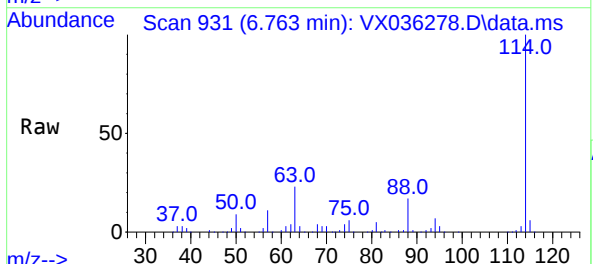
Instrument :
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TB-06-2023

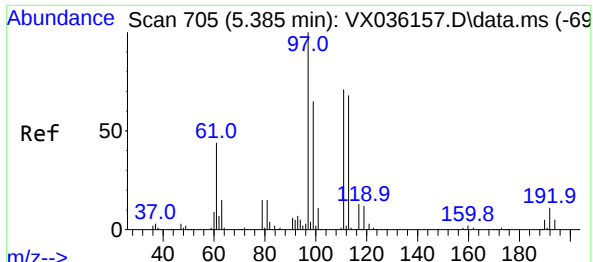
Tgt Ion: 65 Resp: 105872
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

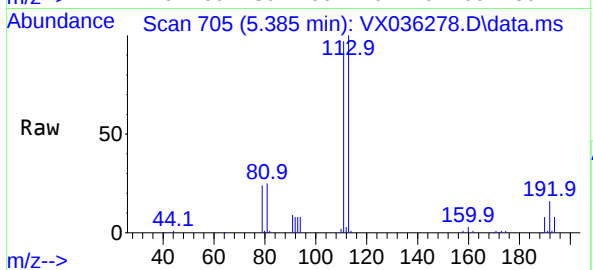
Tgt Ion: 114 Resp: 222495
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 16.9 0.0 36.6



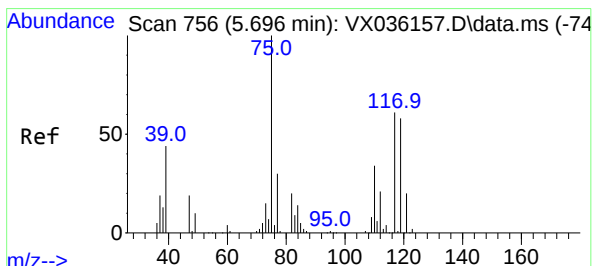
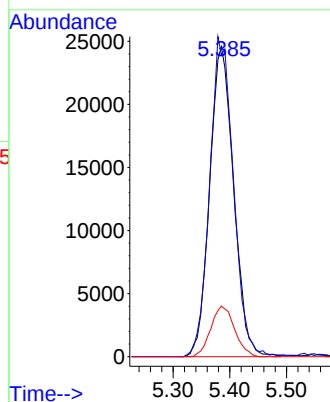
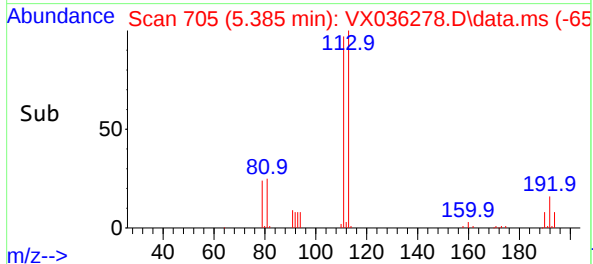


#35
Dibromofluoromethane
Concen: 47.748 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

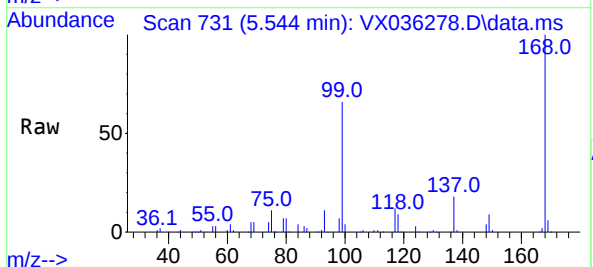
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023



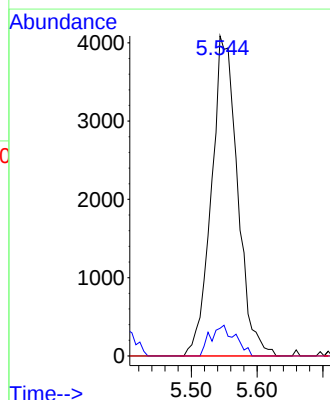
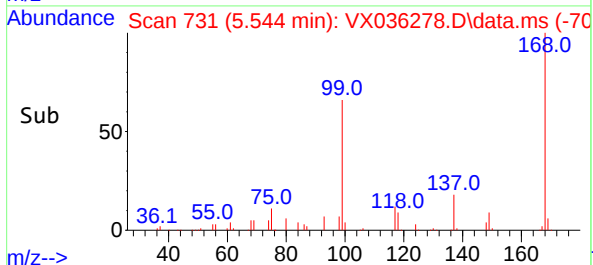
Tgt Ion: 113 Resp: 72041
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.2 13.3 19.9

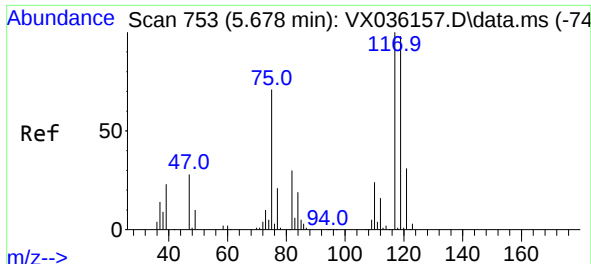


#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06



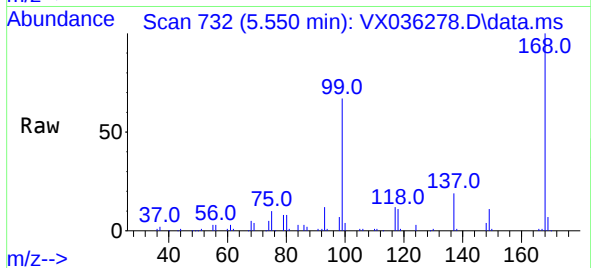
Tgt Ion: 75 Resp: 11312
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



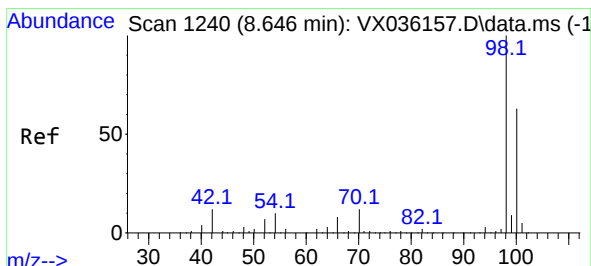
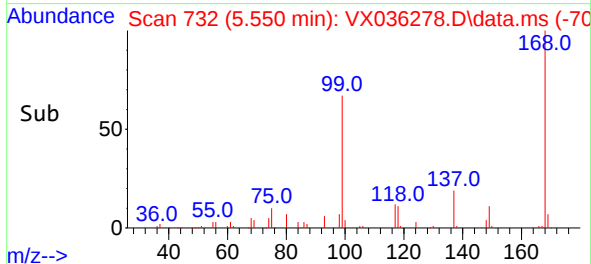
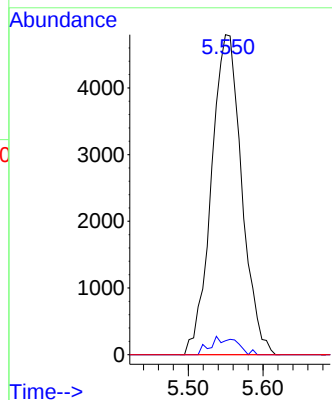


#38
Carbon Tetrachloride
Concen: 6.274 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

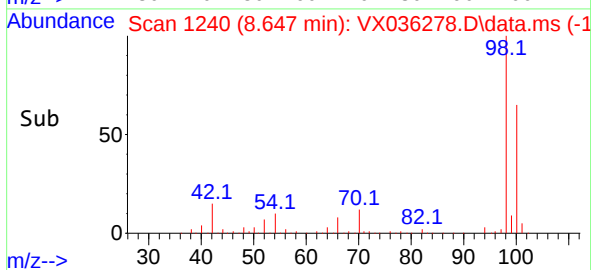
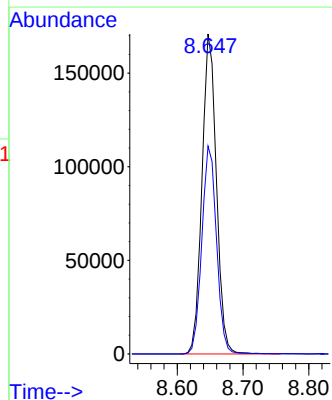
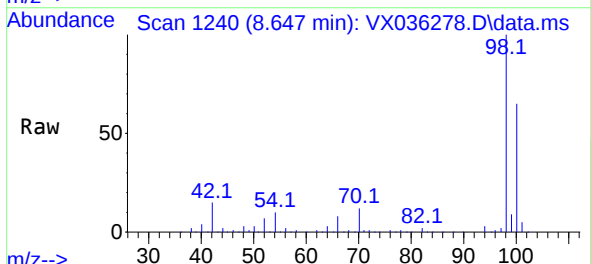


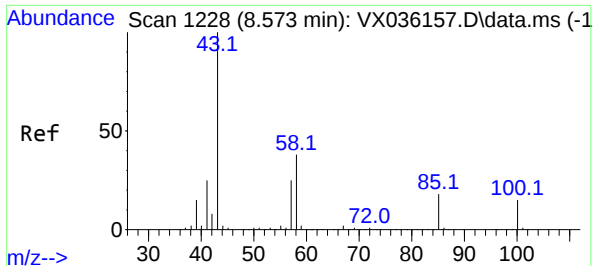
Tgt Ion:117 Resp: 13556
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.222 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

Tgt Ion: 98 Resp: 260616
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

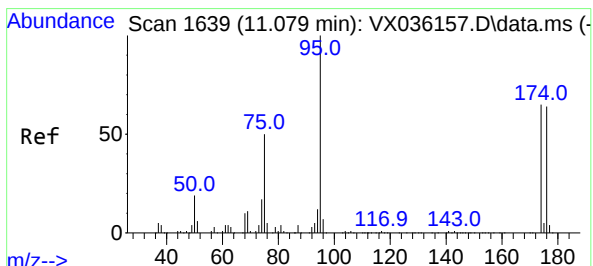
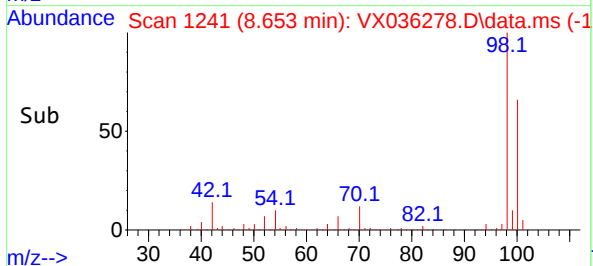
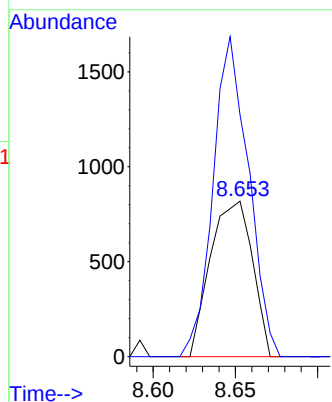
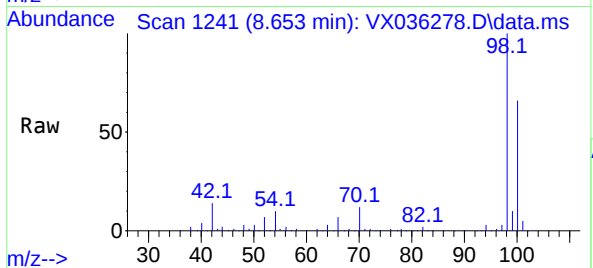




#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

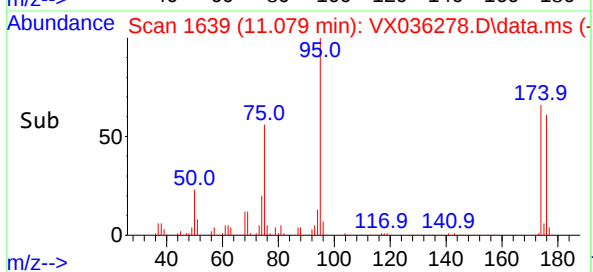
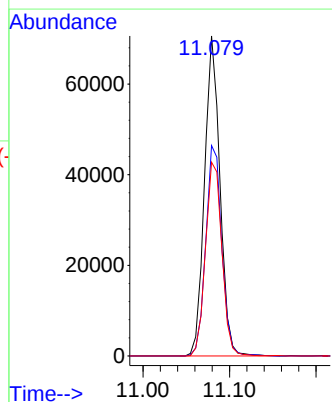
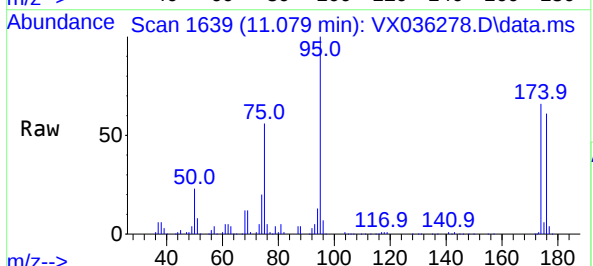
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

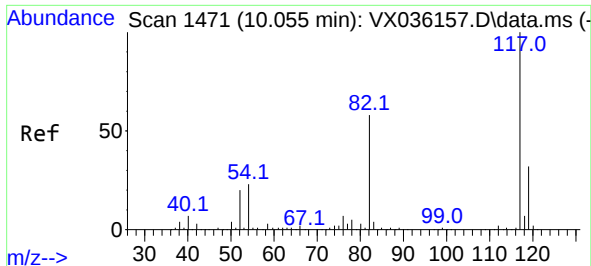
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 173.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 39.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

Tgt Ion: 95 Resp: 87379
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 64.4 0.0 131.0

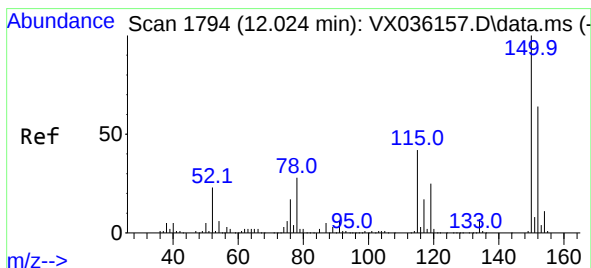
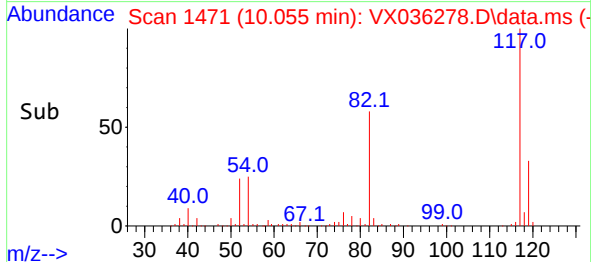
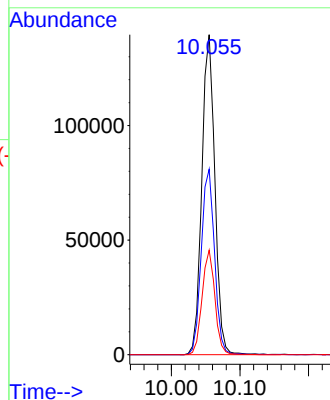
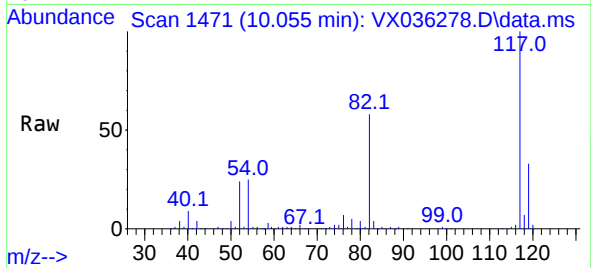




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

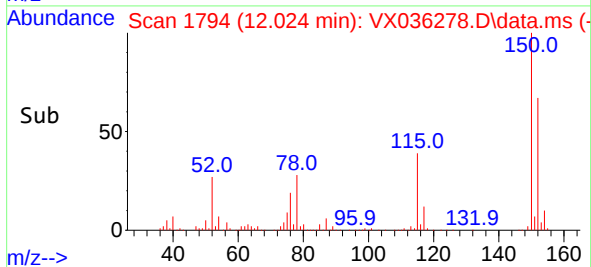
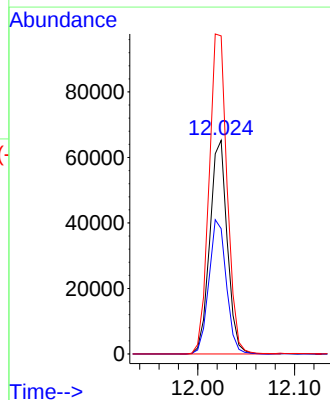
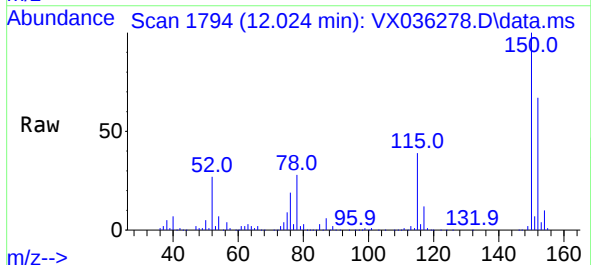
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

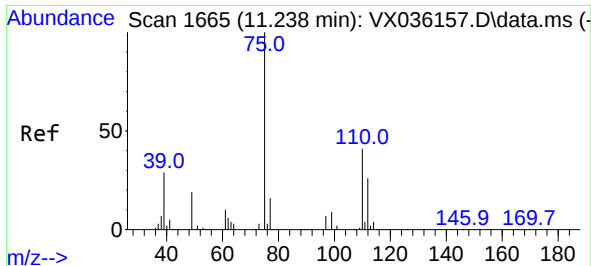
Tgt Ion:117 Resp: 185375
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

Tgt Ion:152 Resp: 81898
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 154.8 0.0 345.0

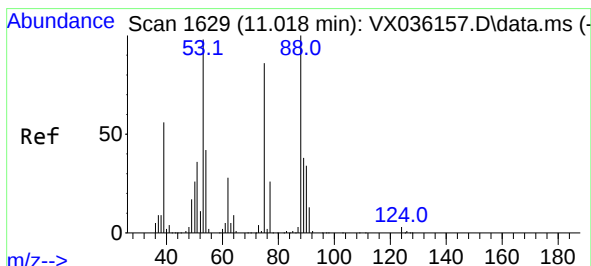
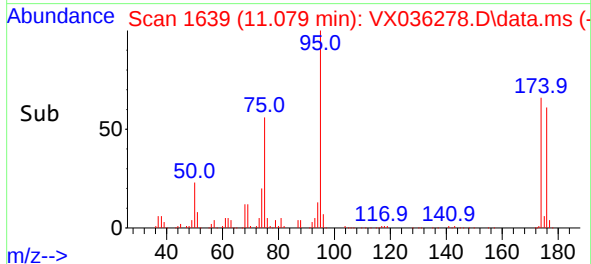
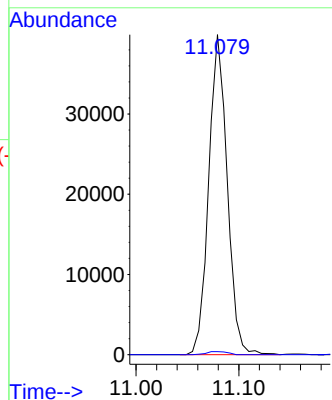
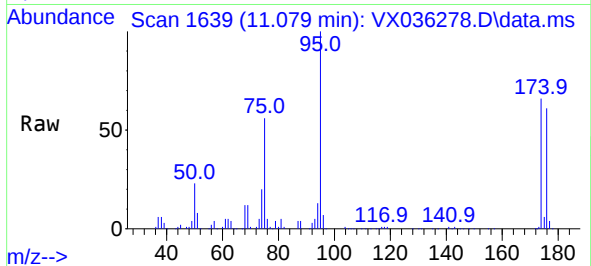




#76
1,2,3-Trichloropropane
Concen: 25.633 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

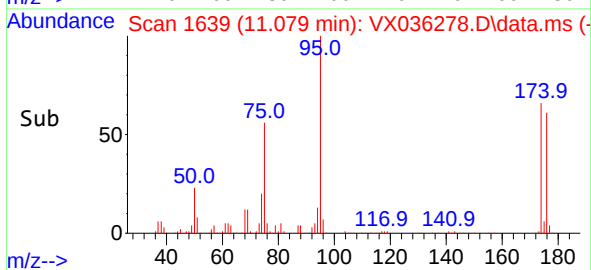
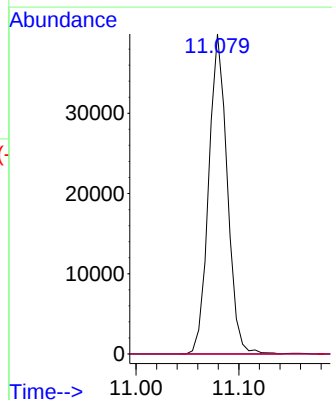
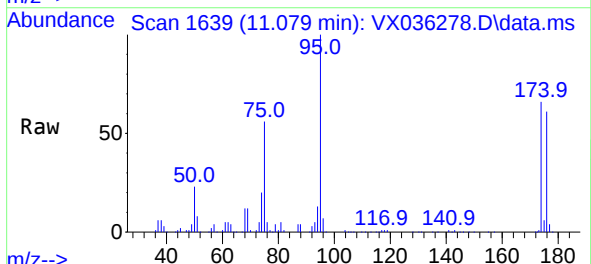
Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023

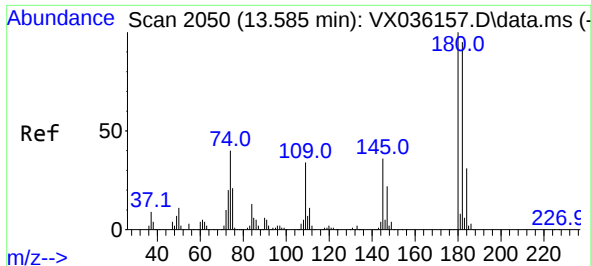
Tgt Ion: 75 Resp: 49821
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

Tgt Ion: 75 Resp: 49821
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

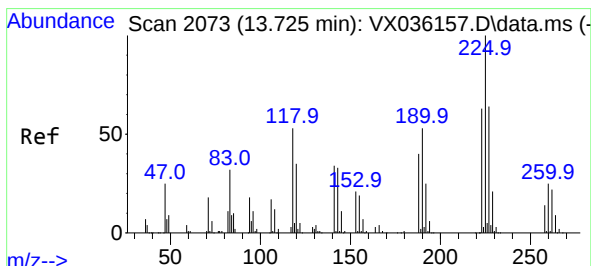
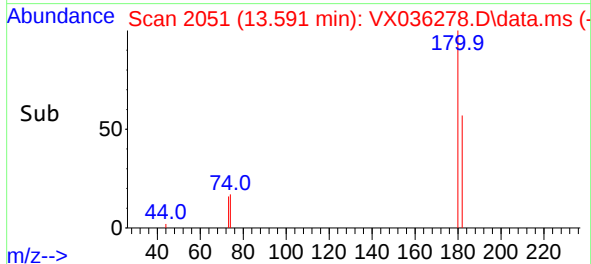
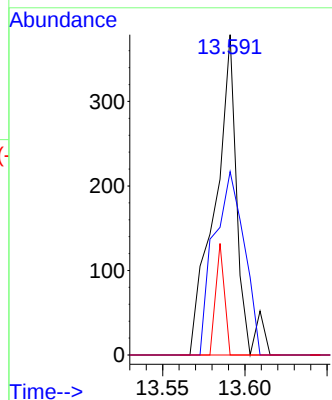
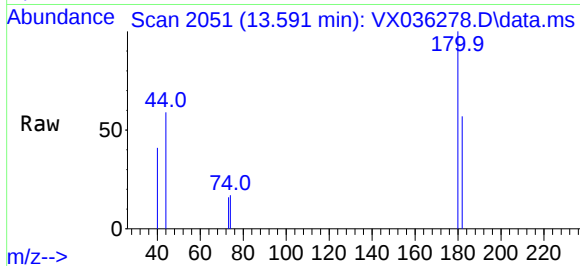




#93
 1,2,4-Trichlorobenzene
 Concen: 0.238 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX036278.D
 Acq: 21 Jun 2023 18:06

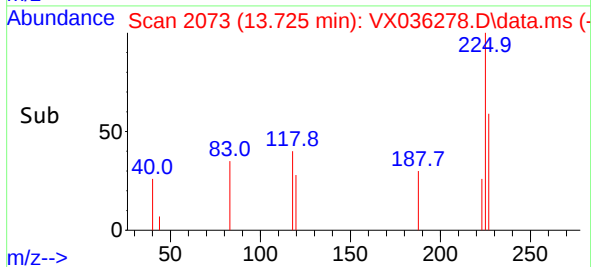
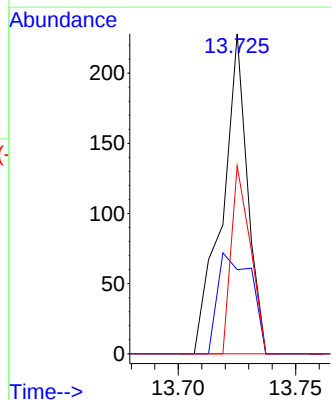
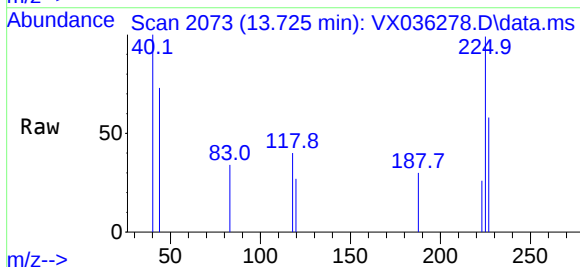
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-06-2023

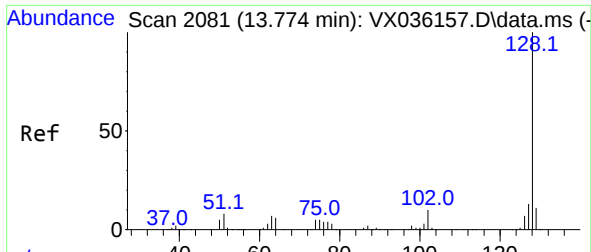
Tgt Ion:180 Resp: 359
 Ion Ratio Lower Upper
 180 100
 182 77.2 48.3 144.8
 145 13.4 18.0 54.0#



#94
 Hexachlorobutadiene
 Concen: 0.285 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX036278.D
 Acq: 21 Jun 2023 18:06

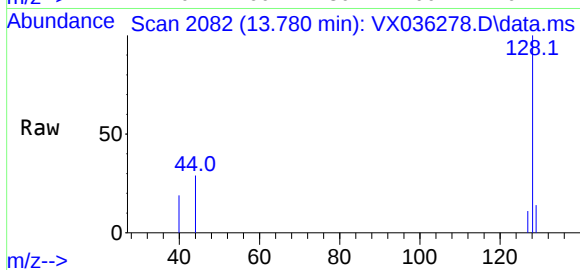
Tgt Ion:225 Resp: 170
 Ion Ratio Lower Upper
 225 100
 223 41.8 31.1 93.2
 227 44.7 32.5 97.5





#95
Naphthalene
Concen: 0.253 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036278.D
Acq: 21 Jun 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
TB-06-2023



Tgt Ion:	128	Resp:	1316
Ion	Ratio	Lower	Upper
128	100		
127	4.3	10.3	15.5#
129	10.3	8.8	13.2

