

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038072.D
 Acq On : 04 Oct 2023 17:55
 Operator : JC/MD
 Sample : 04682-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:05:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

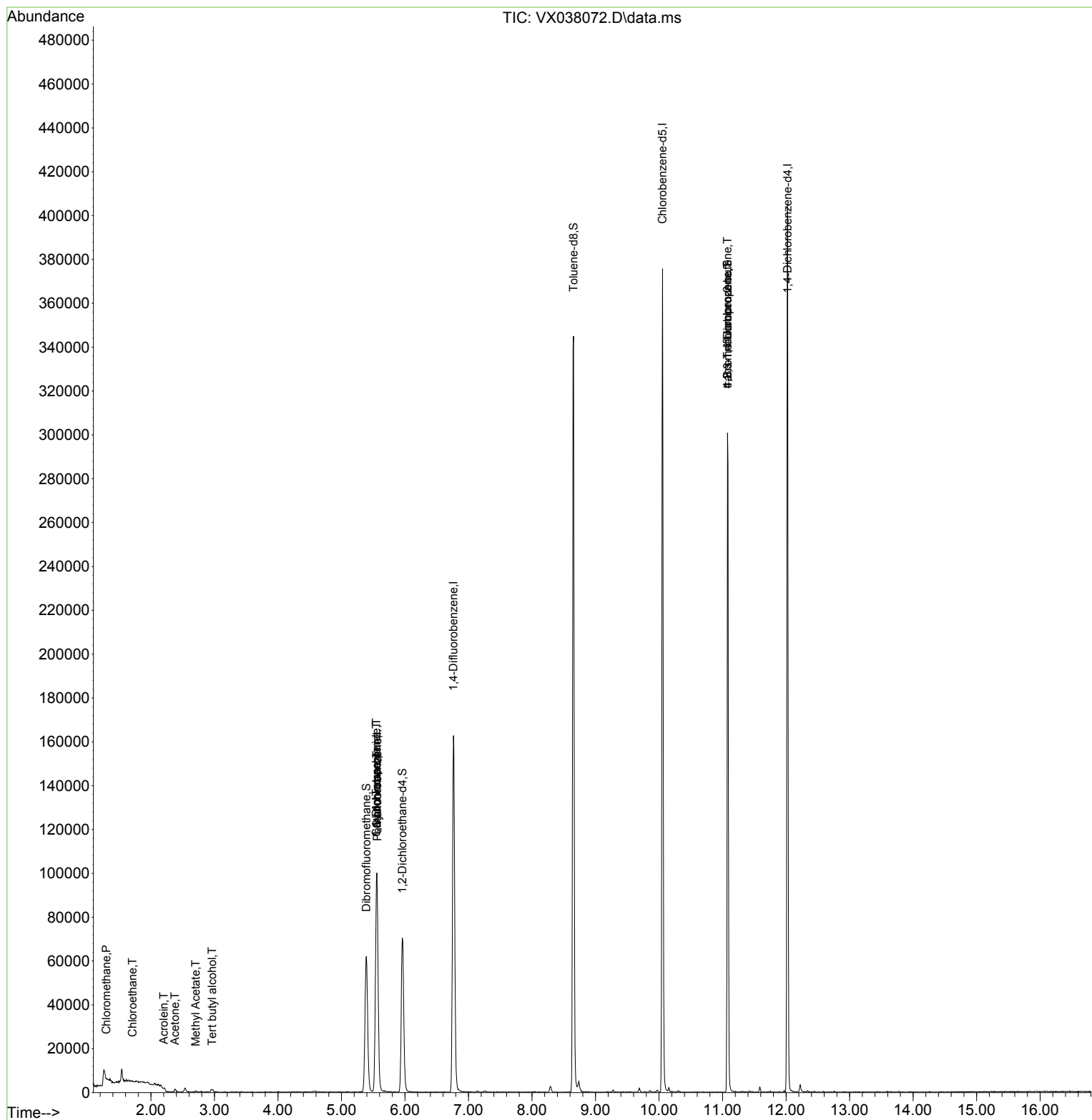
Internal Standards						
1) Pentafluorobenzene	5.562	168	93214	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.763	114	165008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69558	47.959	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.920%
35) Dibromofluoromethane	5.391	113	53229	47.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.653	98	209967	48.466	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	74617	47.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	320	0.262	ug/l #	43
6) Chloroethane	1.709	64	195	0.235	ug/l #	89
11) Tert butyl alcohol	2.965	59	1576	4.837	ug/l #	94
13) Acrolein	2.203	56	44	0.236	ug/l #	77
16) Acetone	2.380	43	1518	2.383	ug/l	97
18) Methyl Acetate	2.703	43	652	0.238	ug/l #	76
20) Methylene Chloride	2.794	84	144	Below Cal	#	65
31) Cyclohexane	5.556	56	2404	1.417	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	7974	4.780	ug/l #	47
38) Carbon Tetrachloride	5.550	117	10148	6.251	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	42690	23.185	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	42690	78.300	ug/l #	5

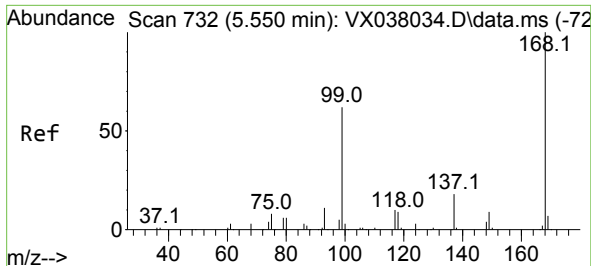
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. 0.012 min

Lab File: VX038072.D

Acq: 04 Oct 2023 17:55

Instrument :

MSVOA_X

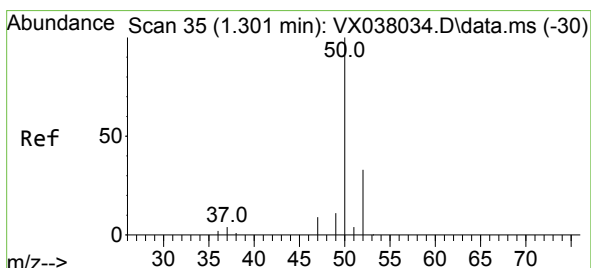
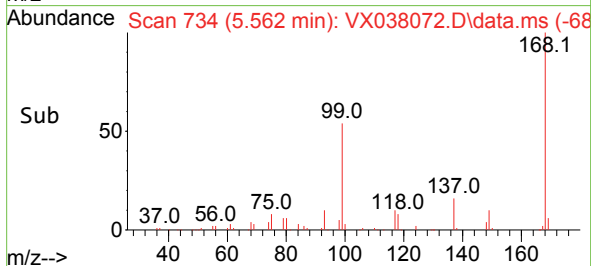
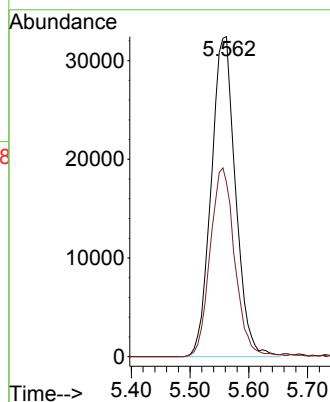
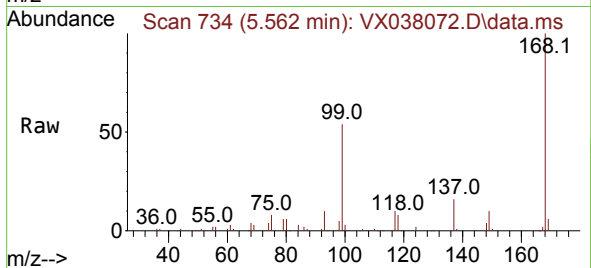
ClientSampleId :

Tgt Ion:168 Resp: 93214

Ion Ratio Lower Upper

168 100

99 54.4 56.6 85.0#



#3

Chloromethane

Concen: 0.262 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038072.D

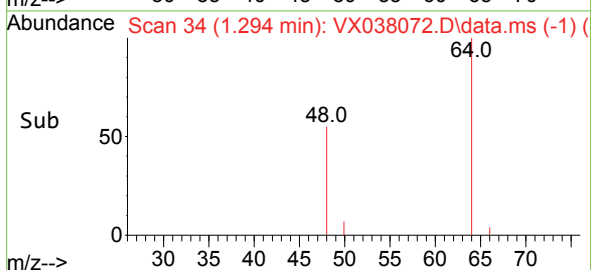
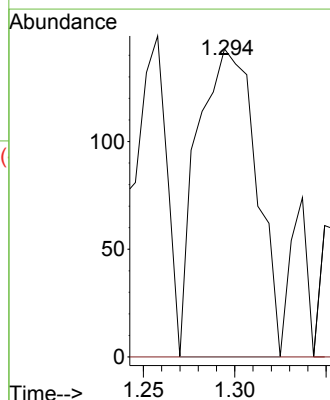
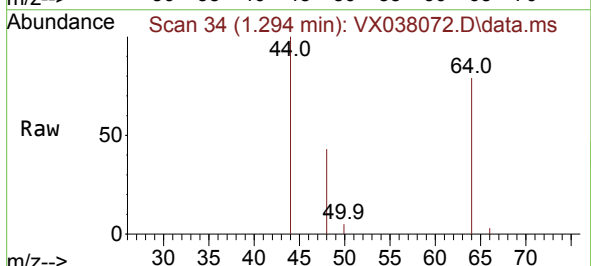
Acq: 04 Oct 2023 17:55

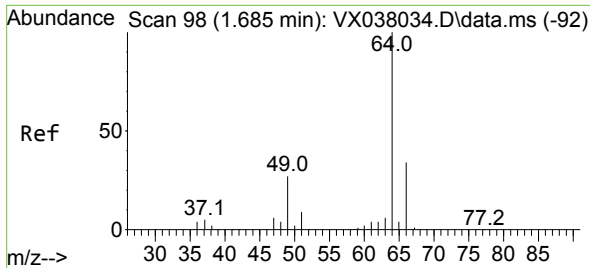
Tgt Ion: 50 Resp: 320

Ion Ratio Lower Upper

50 100

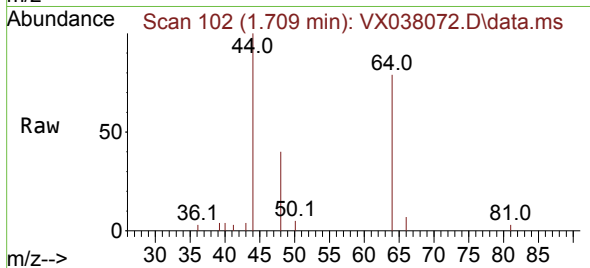
52 0.0 25.5 38.3#



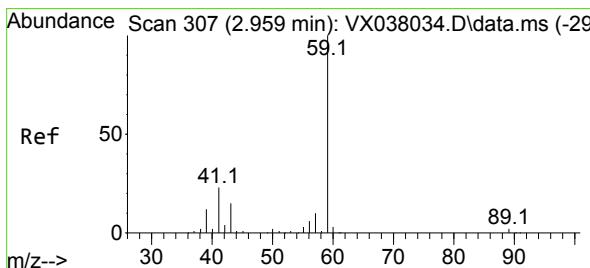
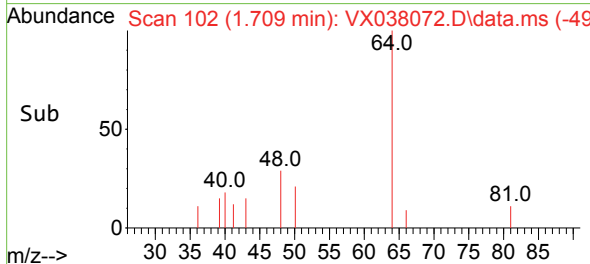
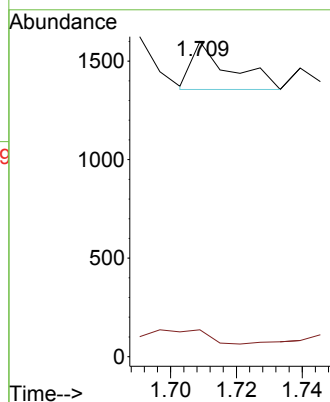


#6
 Chloroethane
 Concen: 0.235 ug/l
 RT: 1.709 min Scan# 102
 Delta R.T. 0.024 min
 Lab File: VX038072.D
 Acq: 04 Oct 2023 17:55

Instrument :
 MSVOA_X
 ClientSampleId :

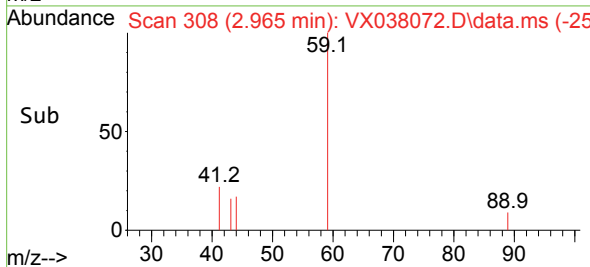
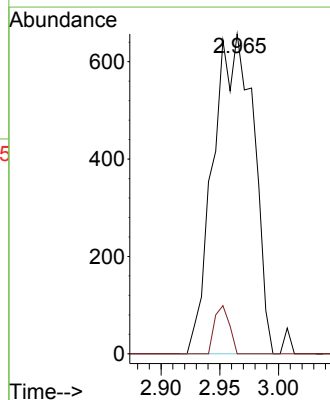
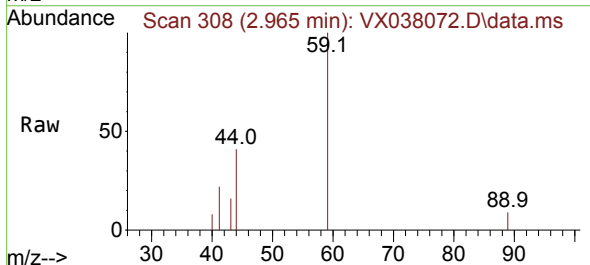


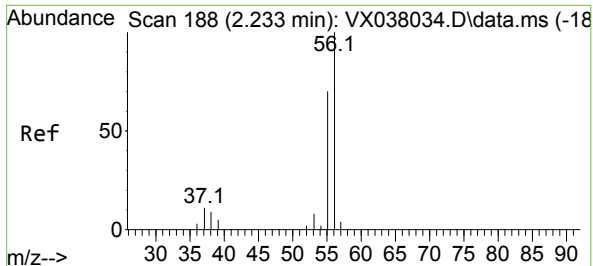
Tgt Ion: 64 Resp: 195
 Ion Ratio Lower Upper
 64 100
 66 25.1 25.1 37.7#



#11
 Tert butyl alcohol
 Concen: 4.837 ug/l
 RT: 2.965 min Scan# 308
 Delta R.T. 0.006 min
 Lab File: VX038072.D
 Acq: 04 Oct 2023 17:55

Tgt Ion: 59 Resp: 1576
 Ion Ratio Lower Upper
 59 100
 57 5.5 6.0 9.0#





#13

Acrolein

Concen: 0.236 ug/l

RT: 2.203 min Scan# 183

Delta R.T. -0.030 min

Lab File: VX038072.D

Acq: 04 Oct 2023 17:55

Instrument :

MSVOA_X

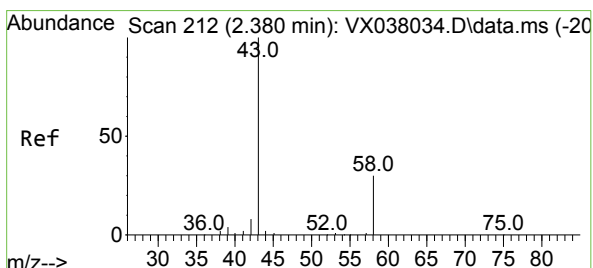
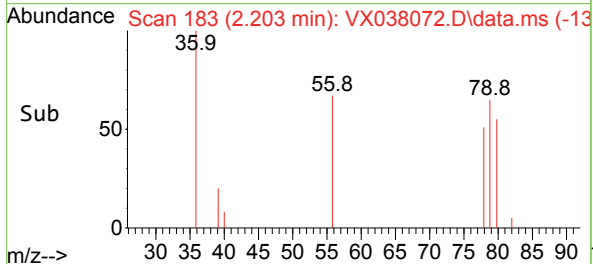
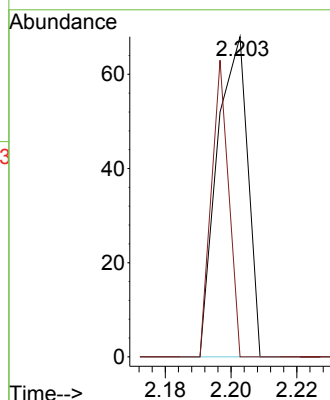
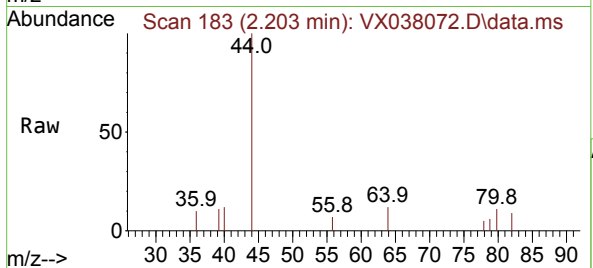
ClientSampleId :

Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

56 100

55 52.3 57.1 85.7#



#16

Acetone

Concen: 2.383 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038072.D

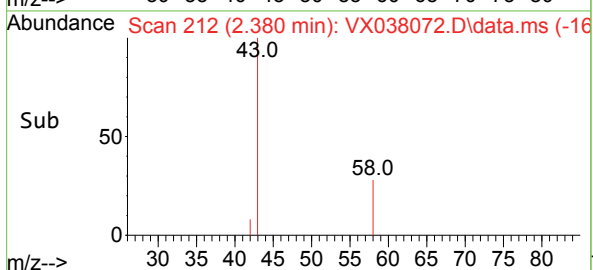
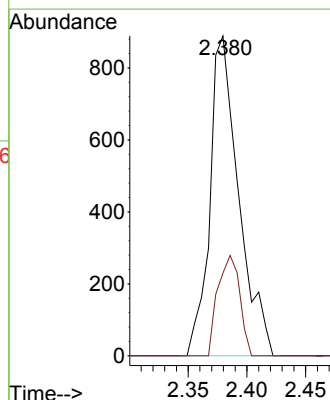
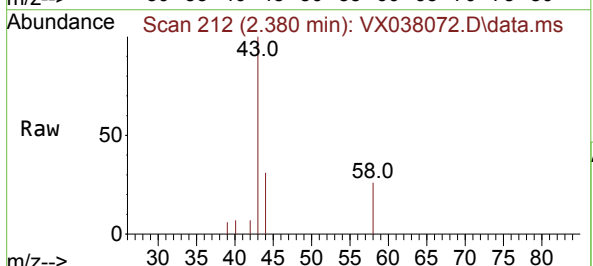
Acq: 04 Oct 2023 17:55

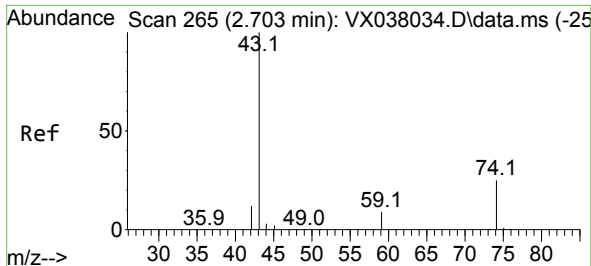
Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

43 100

58 25.9 21.9 32.9

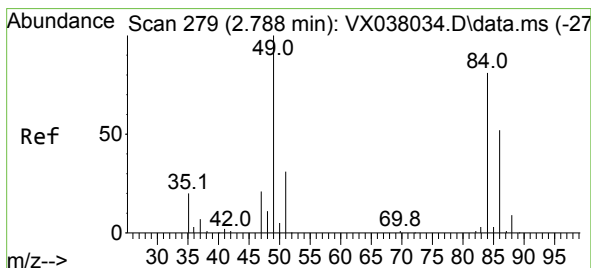
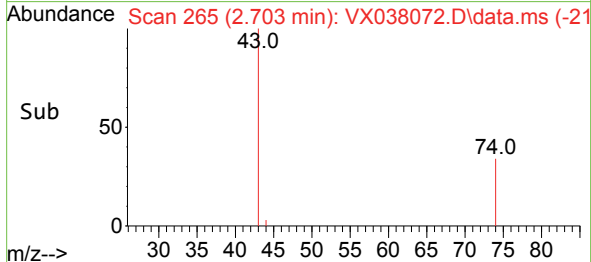
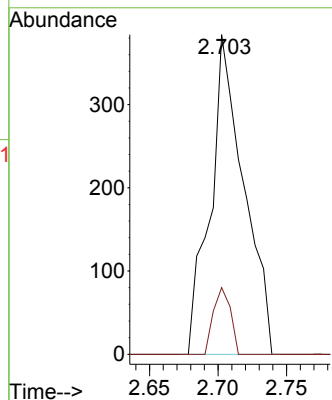
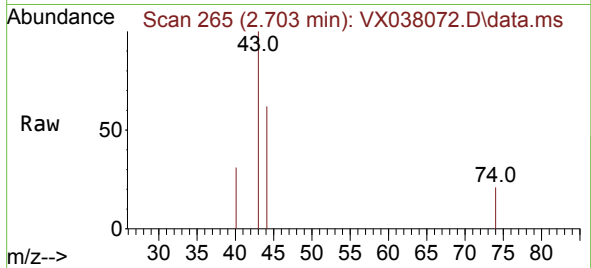




#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

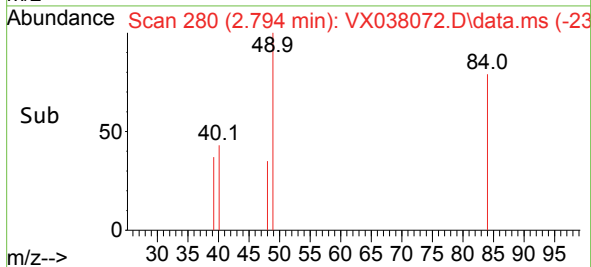
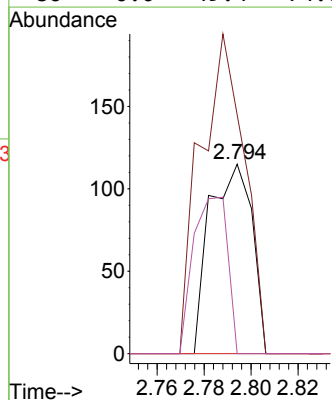
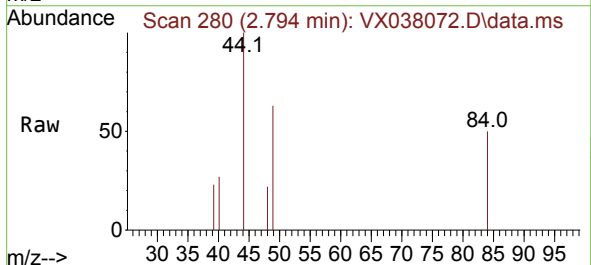
Instrument :
MSVOA_X
ClientSampleId :

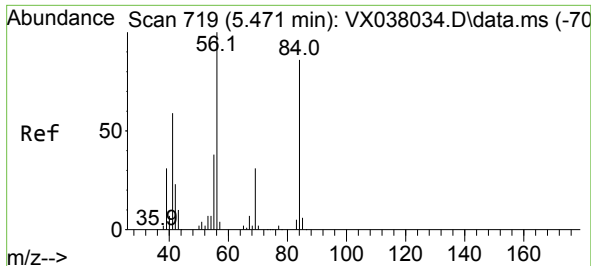
Tgt Ion: 43 Resp: 652
Ion Ratio Lower Upper
43 100
74 10.6 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

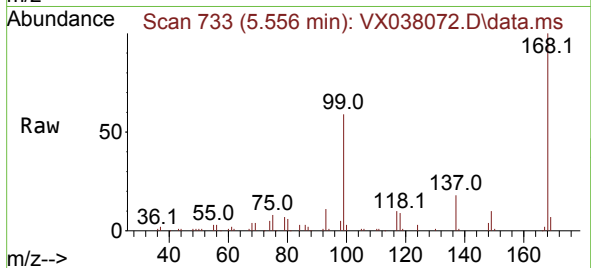
Tgt Ion: 84 Resp: 144
Ion Ratio Lower Upper
84 100
49 126.1 103.6 155.4
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



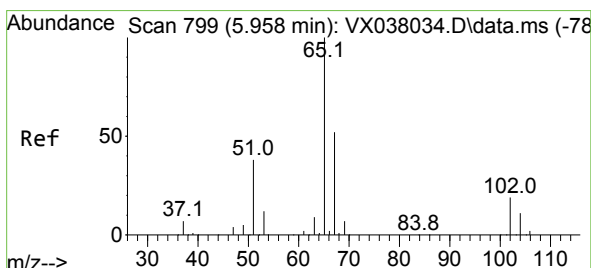
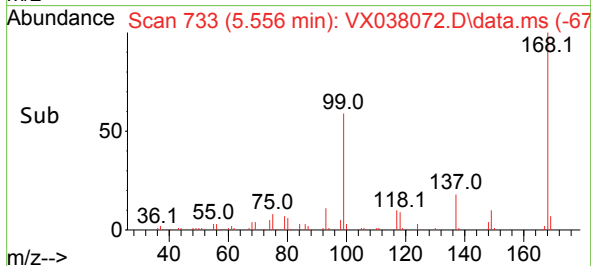
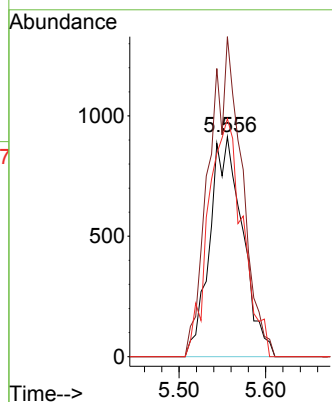


#31
Cyclohexane
Concen: 1.417 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

Instrument :
MSVOA_X
ClientSampleId :

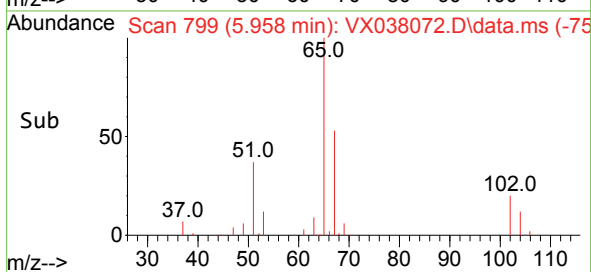
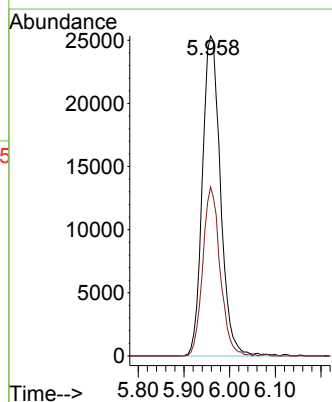
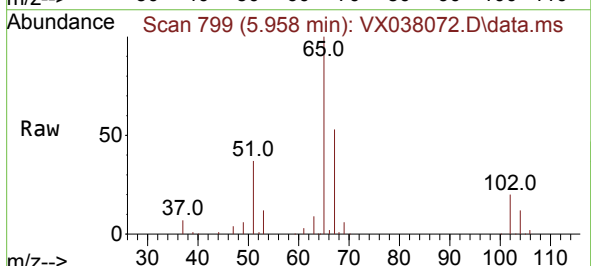


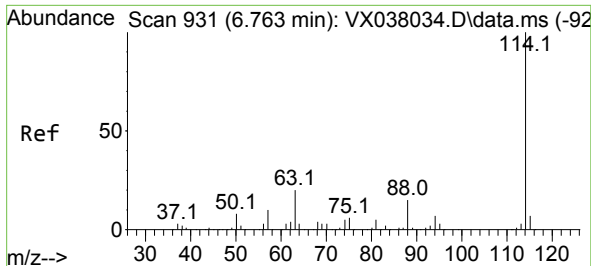
Tgt Ion: 56 Resp: 2404
Ion Ratio Lower Upper
56 100
69 145.6 23.4 35.2#
84 108.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.959 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

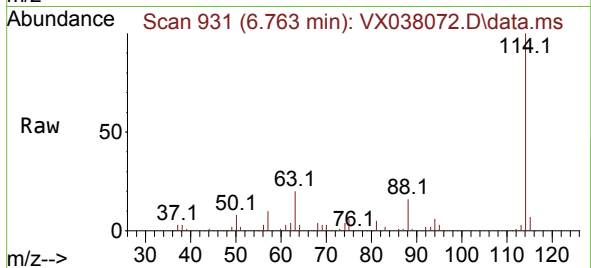
Tgt Ion: 65 Resp: 69558
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2



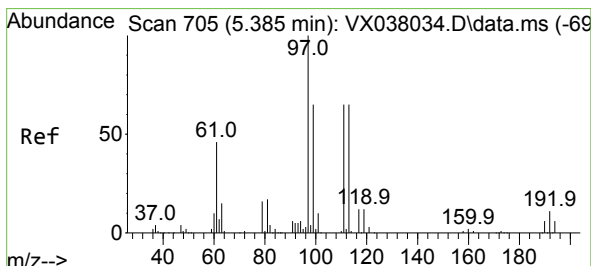
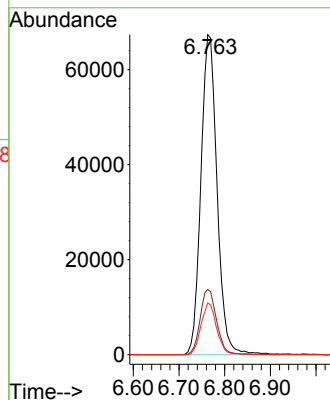
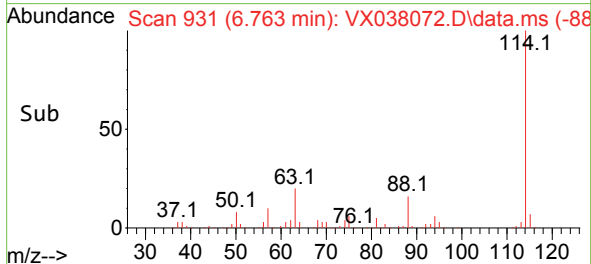


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

Instrument :
MSVOA_X
ClientSampleId :

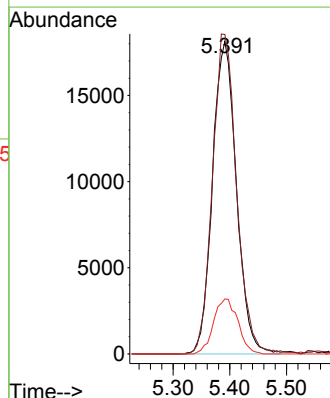
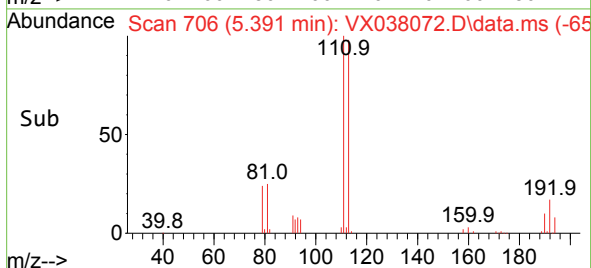
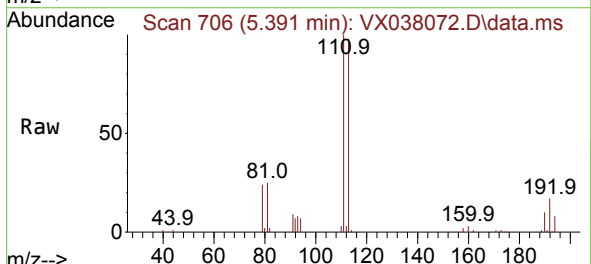


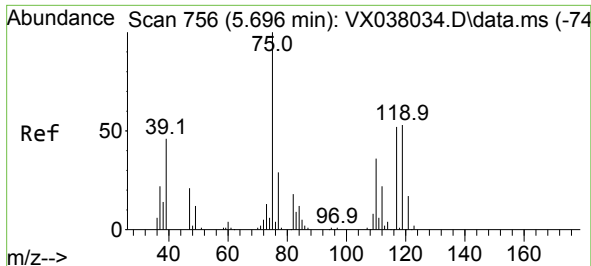
Tgt Ion:114 Resp: 165008
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.021 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

Tgt Ion:113 Resp: 53229
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.780 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

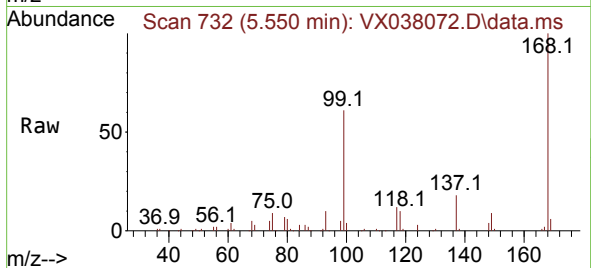
Lab File: VX038072.D

Acq: 04 Oct 2023 17:55

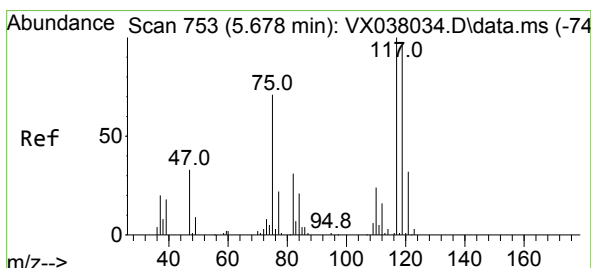
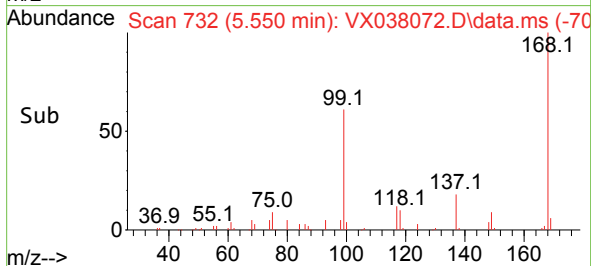
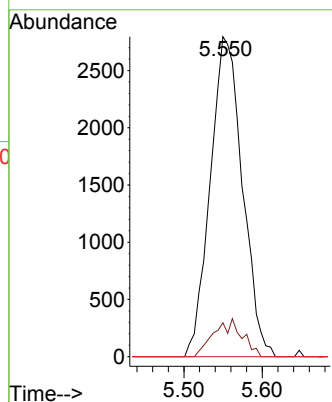
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 7974
Ion Ratio	Lower Upper
75	100
110	5.7 17.0 50.9#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.251 ug/l

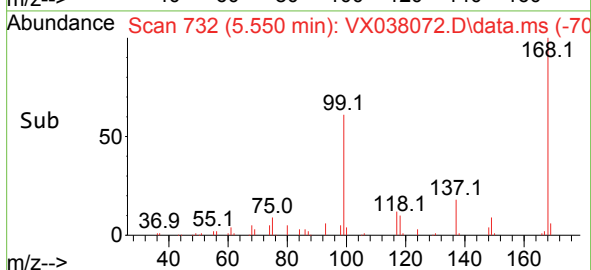
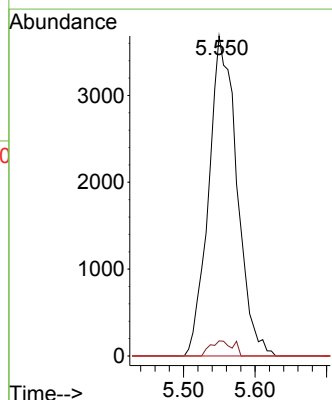
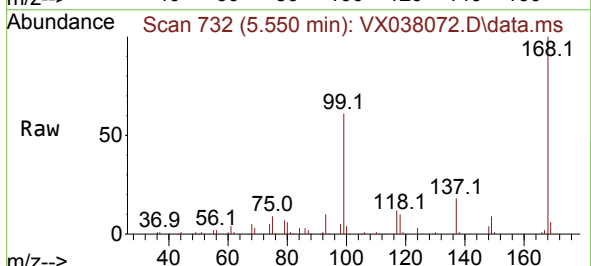
RT: 5.550 min Scan# 732

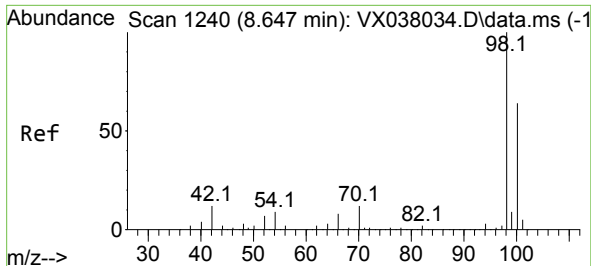
Delta R.T. -0.128 min

Lab File: VX038072.D

Acq: 04 Oct 2023 17:55

Tgt Ion: 117	Resp: 10148
Ion Ratio	Lower Upper
117	100
119	4.7 78.2 117.2#
121	0.0 24.4 36.6#





#50

Toluene-d8

Concen: 48.466 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038072.D

Acq: 04 Oct 2023 17:55

Instrument :

MSVOA_X

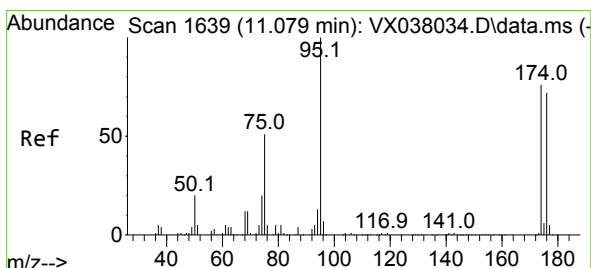
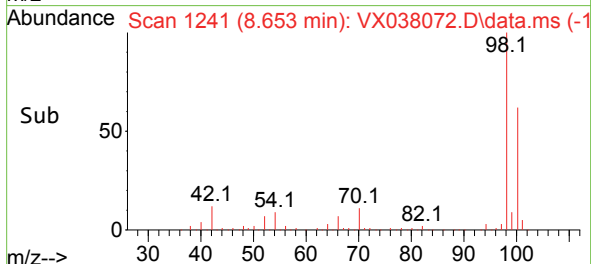
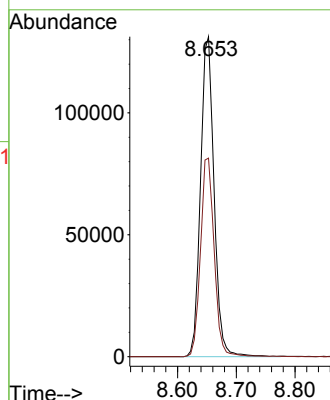
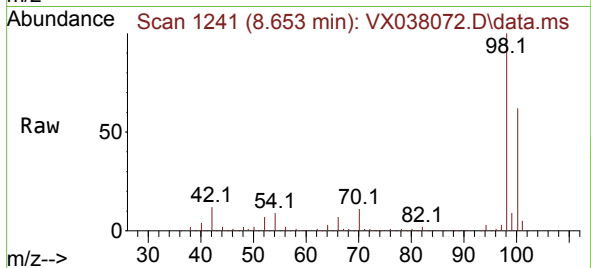
ClientSampleId :

Tgt Ion: 98 Resp: 209967

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.325 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX038072.D

Acq: 04 Oct 2023 17:55

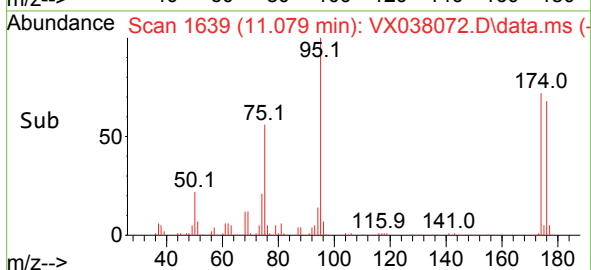
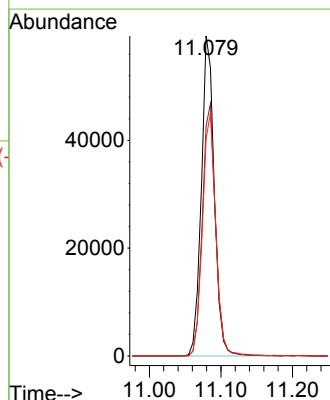
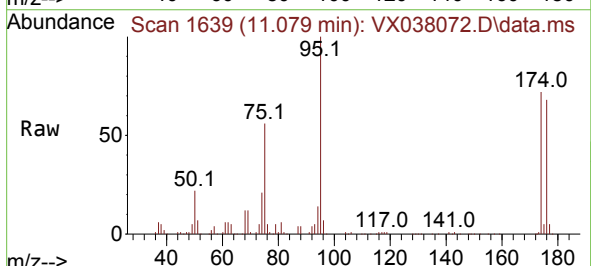
Tgt Ion: 95 Resp: 74617

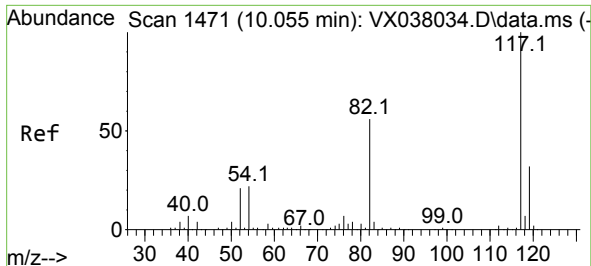
Ion Ratio Lower Upper

95 100

174 81.0 0.0 135.6

176 77.7 0.0 131.0

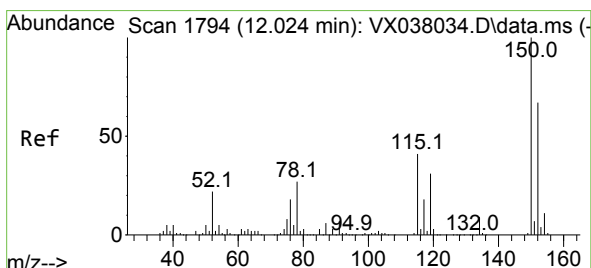
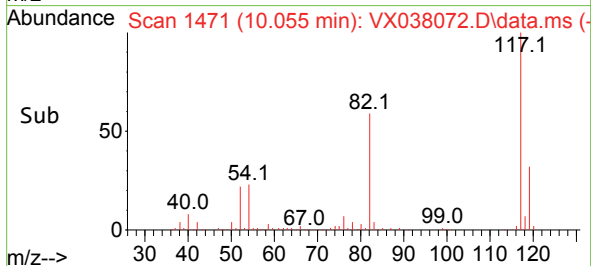
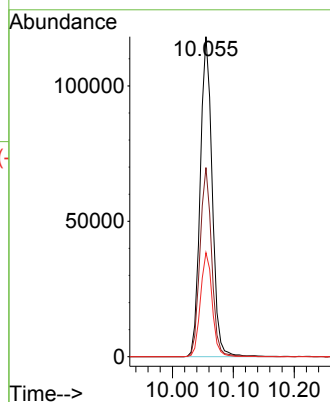
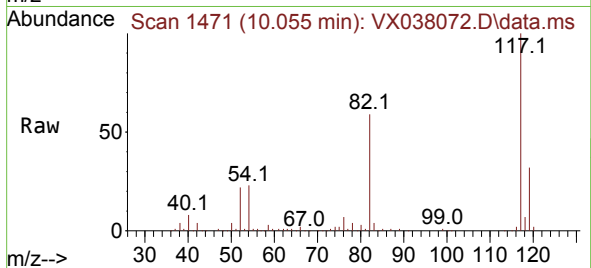




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

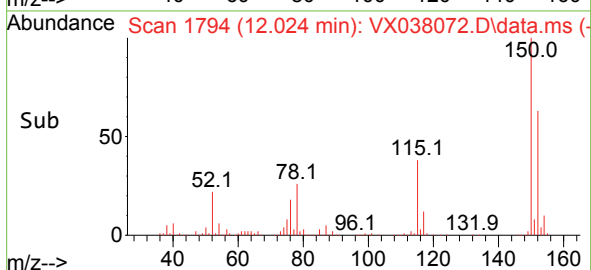
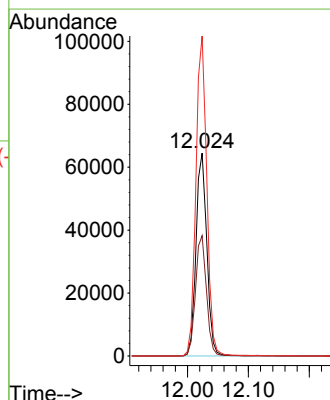
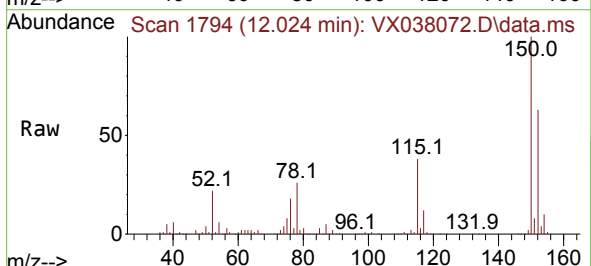
Instrument :
MSVOA_X
ClientSampleId :

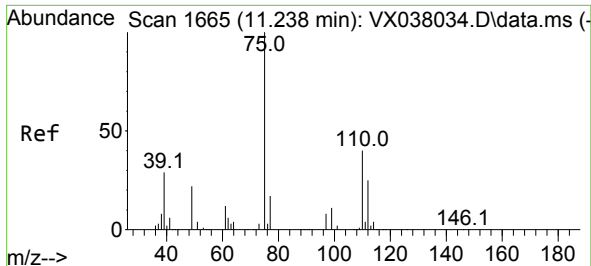
Tgt Ion:117 Resp: 161072
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

Tgt Ion:152 Resp: 79486
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 158.5 0.0 345.0

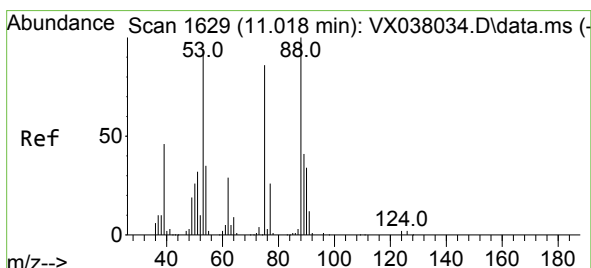
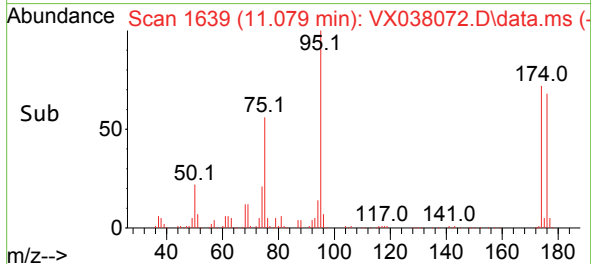
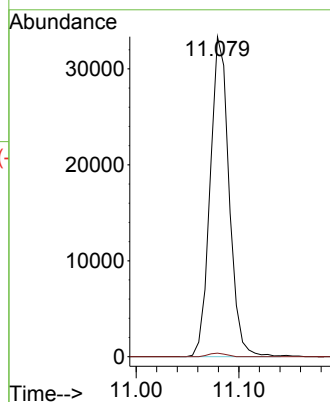
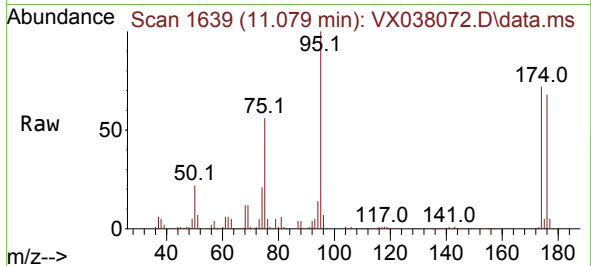




#76
1,2,3-Trichloropropane
Concen: 23.185 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42690
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038072.D
Acq: 04 Oct 2023 17:55

Tgt Ion: 75 Resp: 42690
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

