

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038071.D
 Acq On : 04 Oct 2023 17:32
 Operator : JC/MD
 Sample : 04682-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:05:09 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)

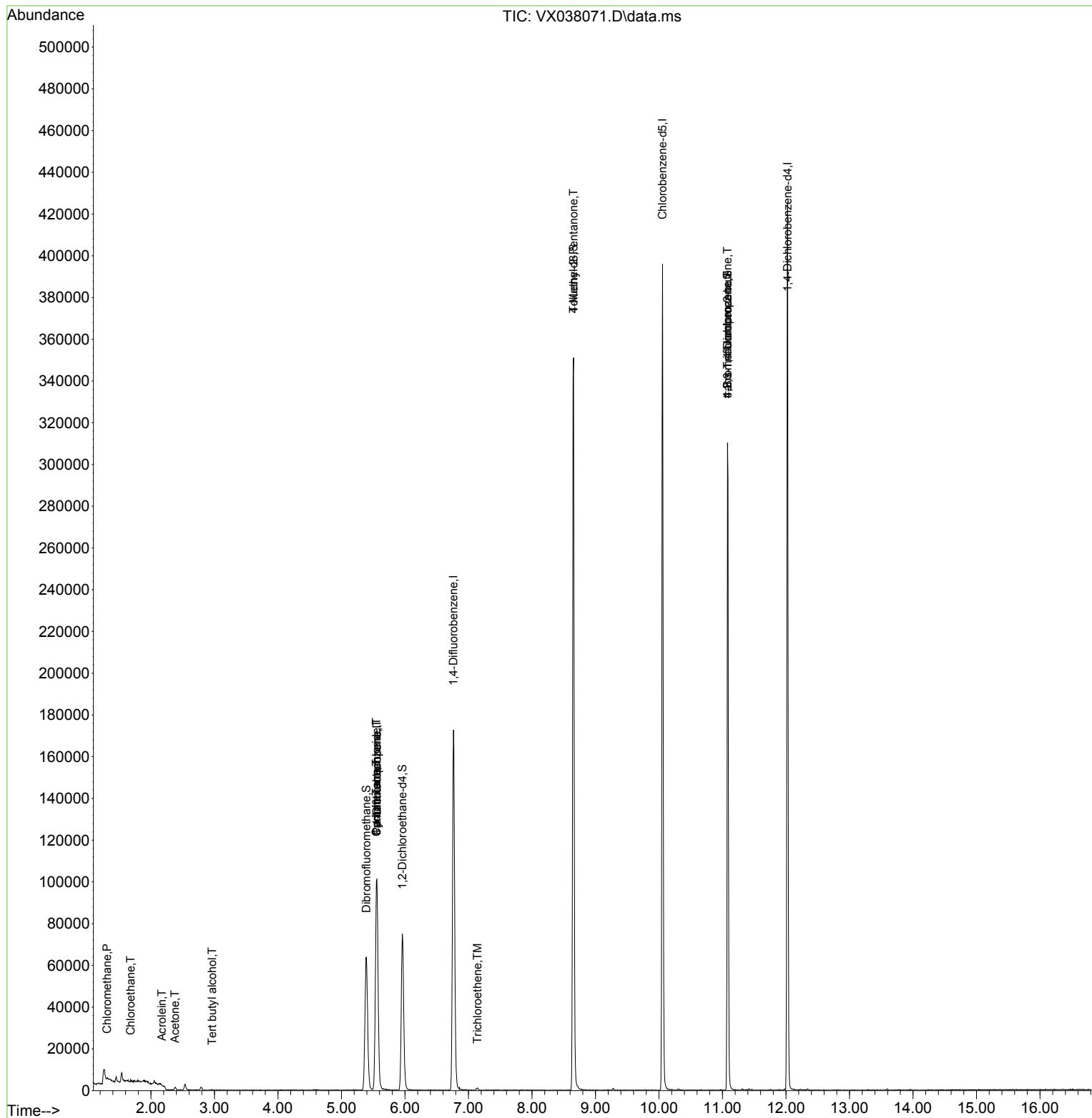
Internal Standards						
1) Pentafluorobenzene	5.556	168	94796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73438	49.789	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.580%
35) Dibromofluoromethane	5.391	113	54158	45.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.680%
50) Toluene-d8	8.653	98	215569	47.678	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.360%
62) 4-Bromofluorobenzene	11.079	95	77758	47.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	336	0.270	ug/l #	43
6) Chloroethane	1.679	64	438	0.520	ug/l #	80
11) Tert butyl alcohol	2.965	59	322	0.972	ug/l #	78
13) Acrolein	2.172	56	50	0.264	ug/l #	14
16) Acetone	2.380	43	1564	2.414	ug/l #	88
31) Cyclohexane	5.550	56	2511	1.456	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	7903	4.539	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9849	5.813	ug/l #	15
44) Trichloroethene	7.141	130	447	0.337	ug/l	89
51) 4-Methyl-2-Pentanone	8.653	43	1102	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44521	22.698	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44521	76.656	ug/l #	5

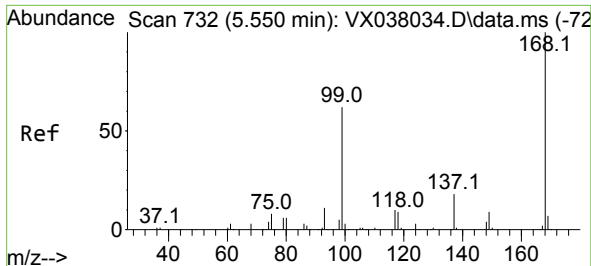
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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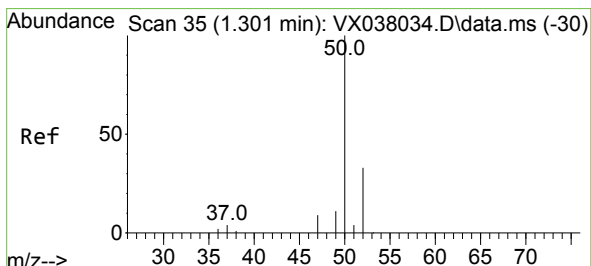
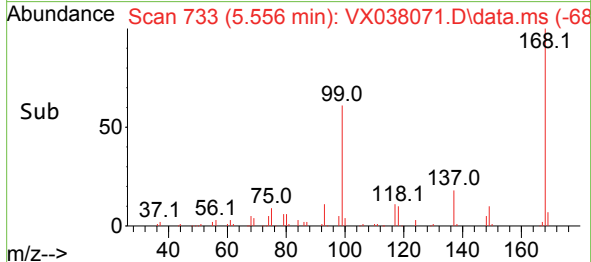
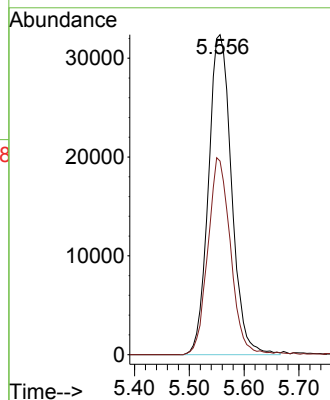
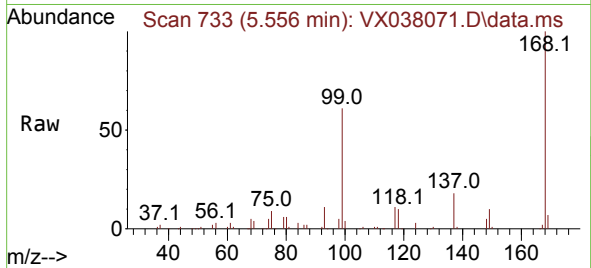




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

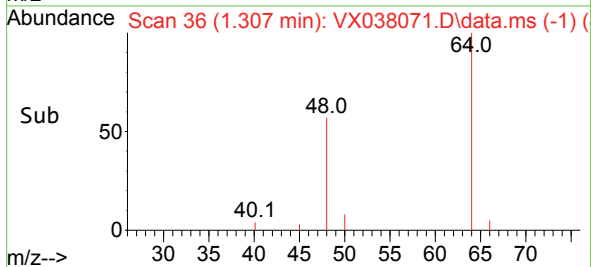
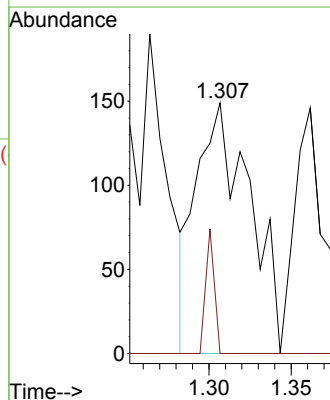
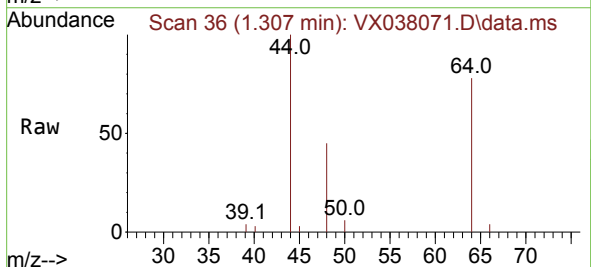
Instrument :
MSVOA_X
ClientSampleId :

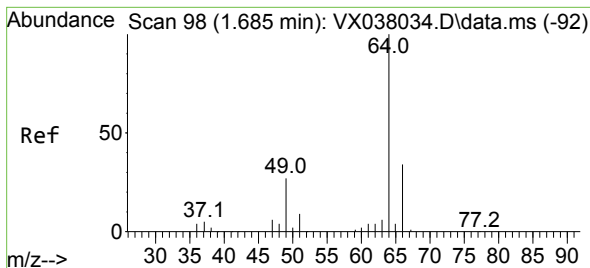
Tgt Ion:168 Resp: 94796
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#6

Chloroethane

Concen: 0.520 ug/l

RT: 1.679 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX038071.D

Acq: 04 Oct 2023 17:32

Instrument :

MSVOA_X

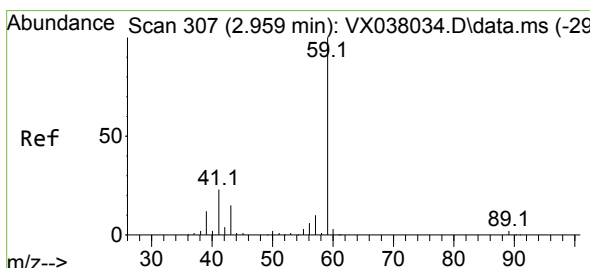
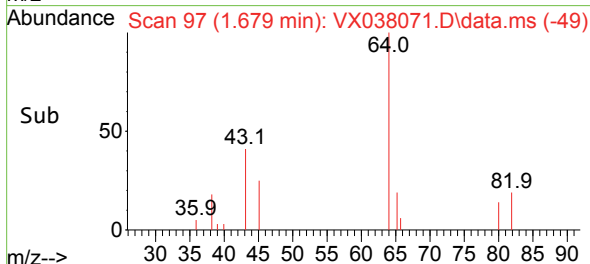
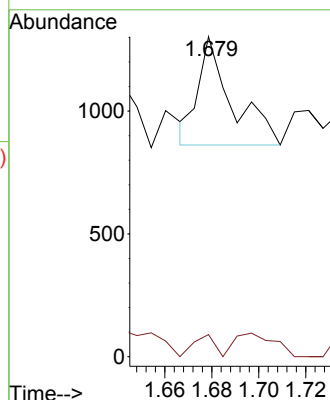
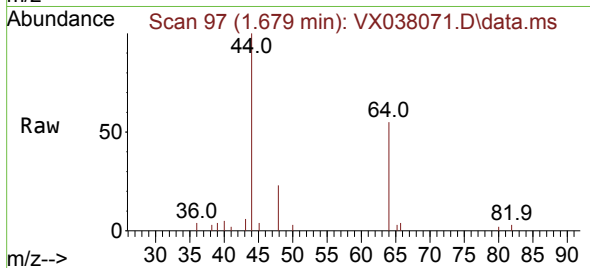
ClientSampleId :

Tgt Ion: 64 Resp: 438

Ion Ratio Lower Upper

64 100

66 20.4 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.972 ug/l

RT: 2.965 min Scan# 308

Delta R.T. 0.006 min

Lab File: VX038071.D

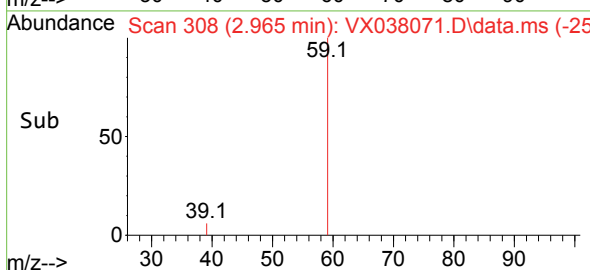
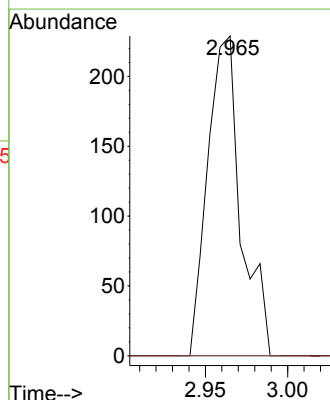
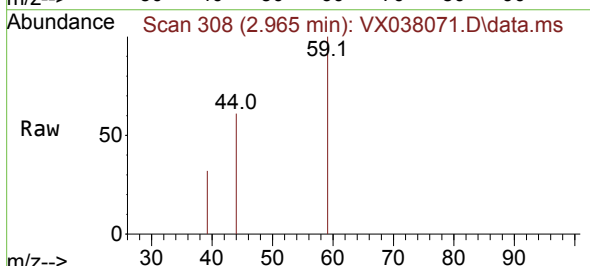
Acq: 04 Oct 2023 17:32

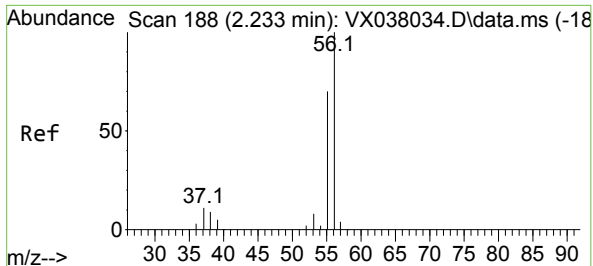
Tgt Ion: 59 Resp: 322

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.264 ug/l

RT: 2.172 min Scan# 11

Delta R.T. -0.061 min

Lab File: VX038071.D

Acq: 04 Oct 2023 17:32

Instrument :

MSVOA_X

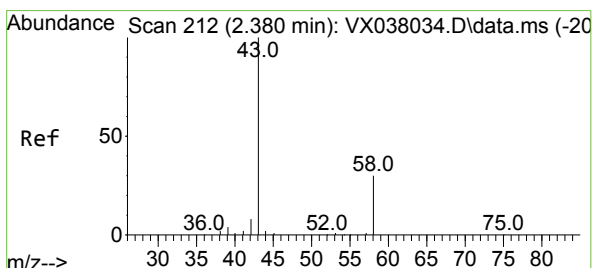
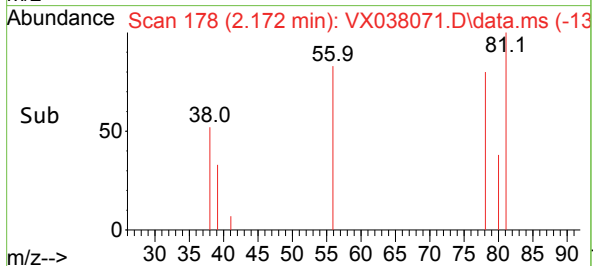
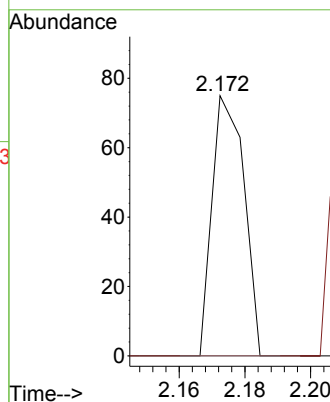
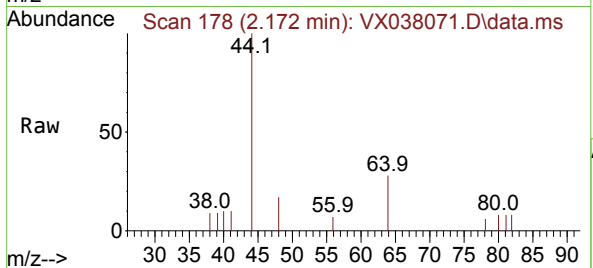
ClientSampleId :

Tgt Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 2.414 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038071.D

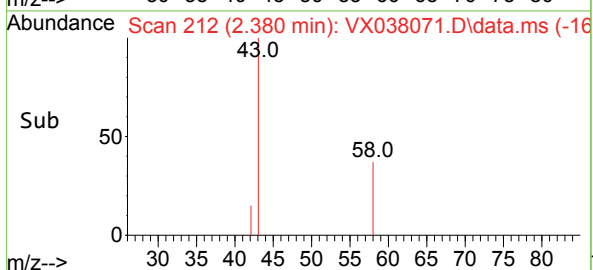
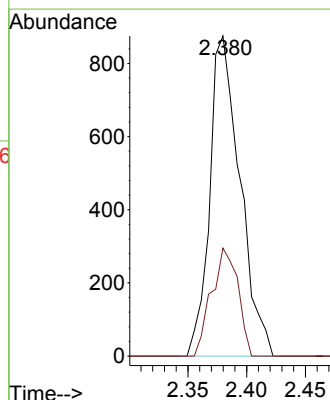
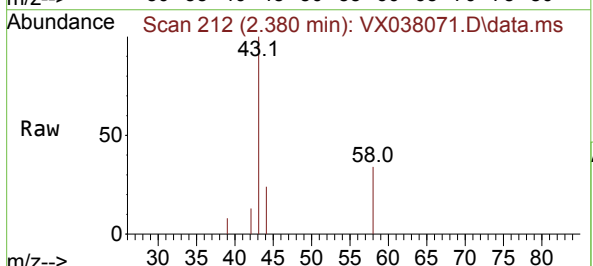
Acq: 04 Oct 2023 17:32

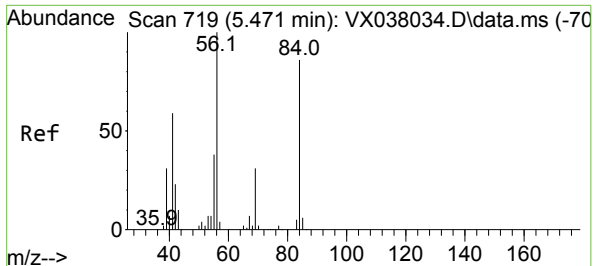
Tgt Ion: 43 Resp: 1564

Ion Ratio Lower Upper

43 100

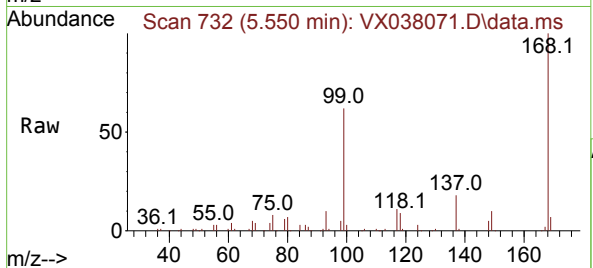
58 33.7 21.9 32.9#



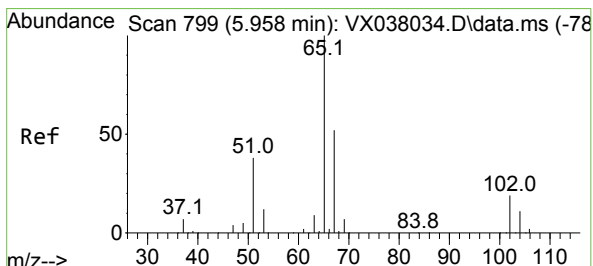
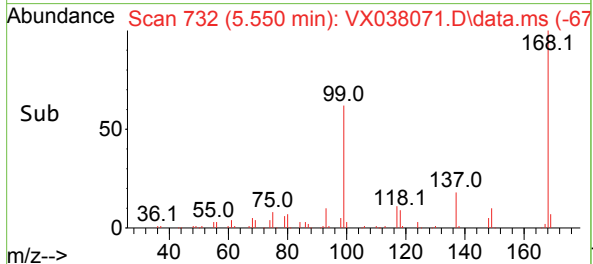
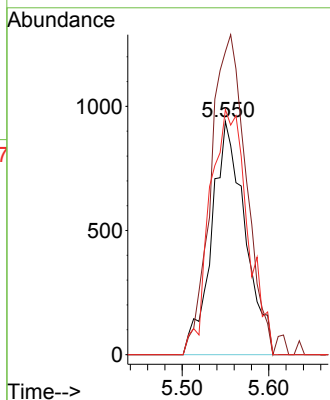


#31
Cyclohexane
Concen: 1.456 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

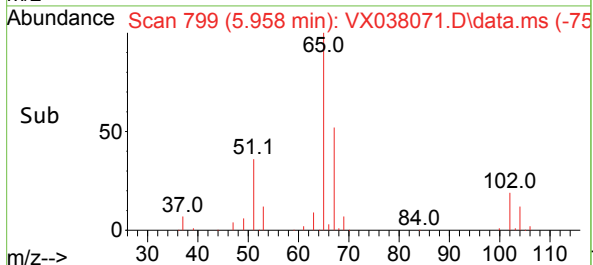
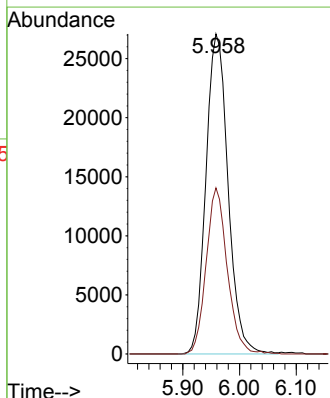
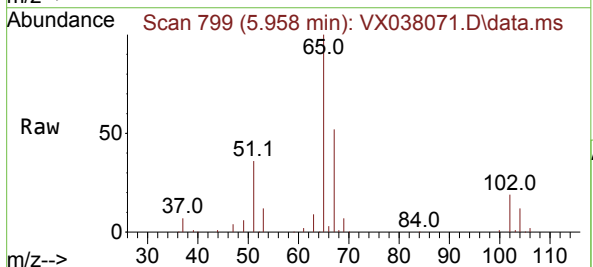


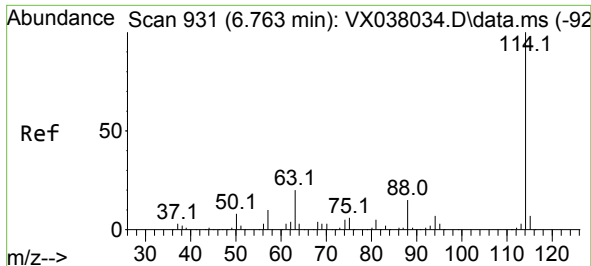
Tgt Ion: 56 Resp: 2511
Ion Ratio Lower Upper
56 100
69 130.0 23.4 35.2#
84 105.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.789 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Tgt Ion: 65 Resp: 73438
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.2

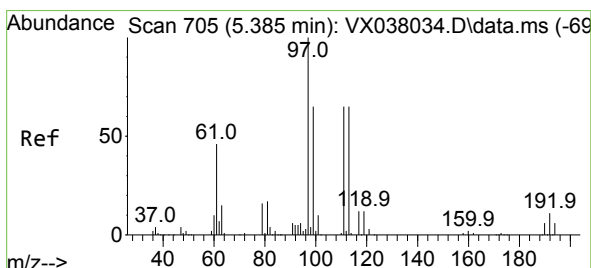
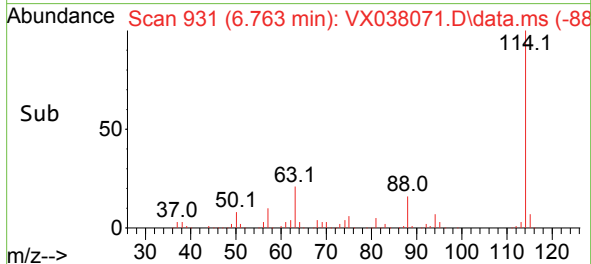
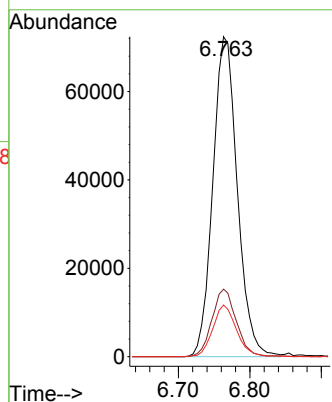
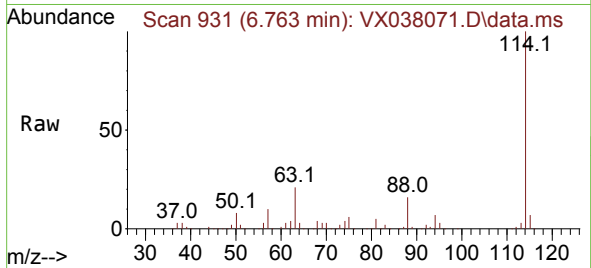




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

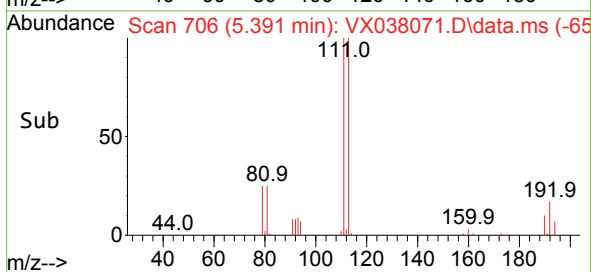
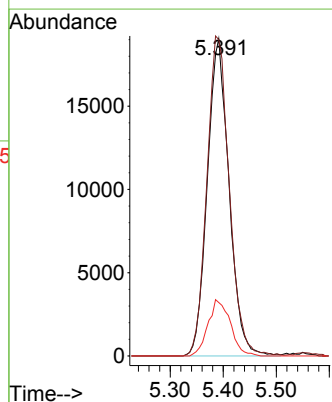
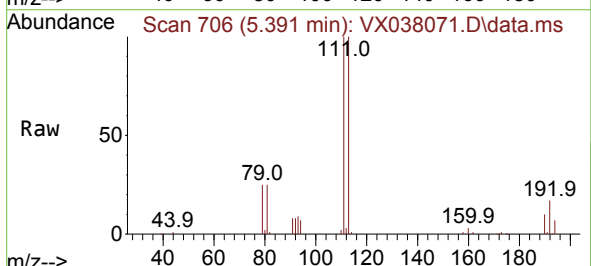
Instrument :
MSVOA_X
ClientSampleId :

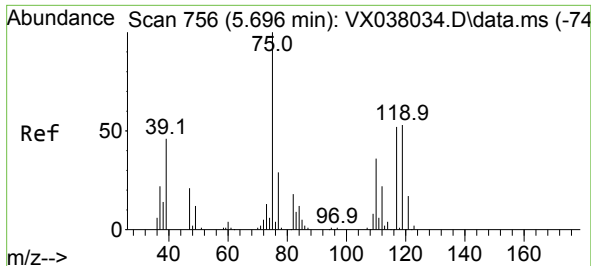
Tgt Ion:114 Resp: 172210
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.841 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

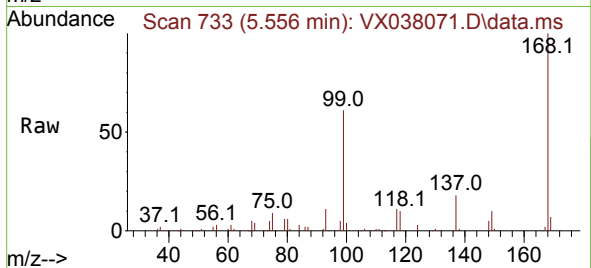
Tgt Ion:113 Resp: 54158
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.3 13.3 19.9



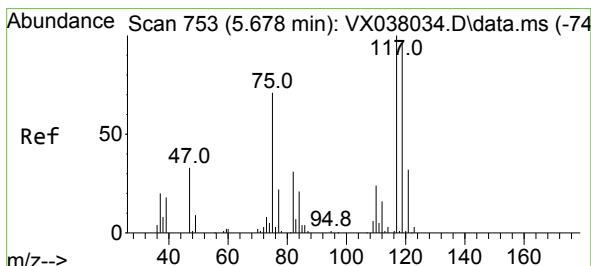
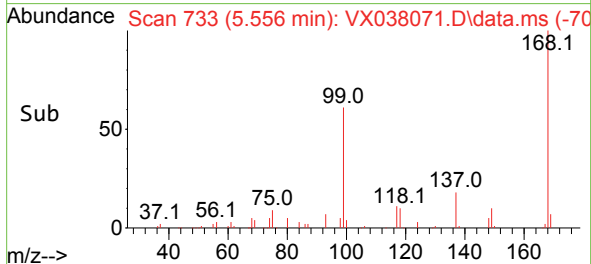
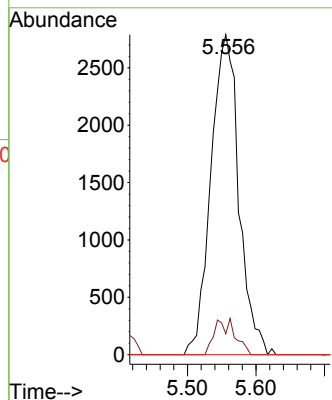


#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

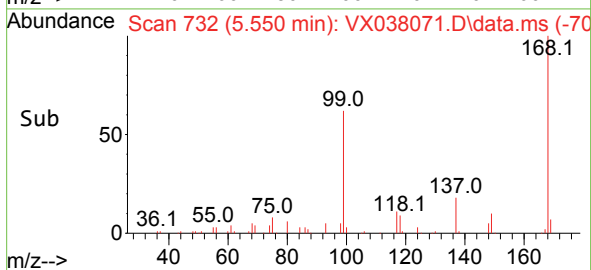
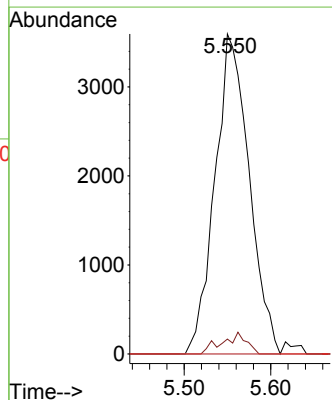
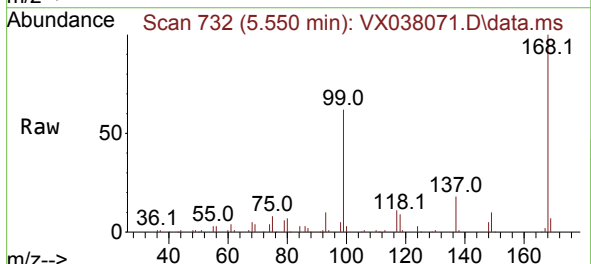


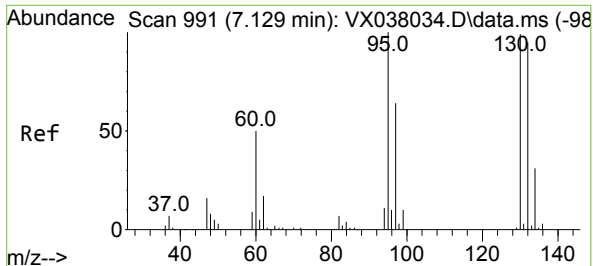
Tgt Ion: 75 Resp: 7903
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.813 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Tgt Ion: 117 Resp: 9849
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

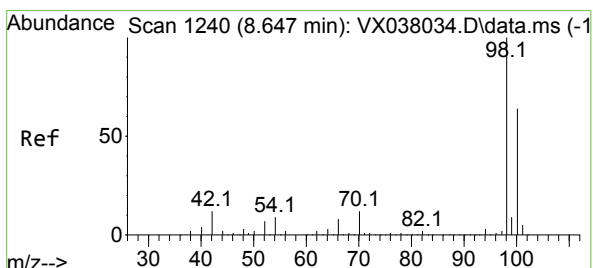
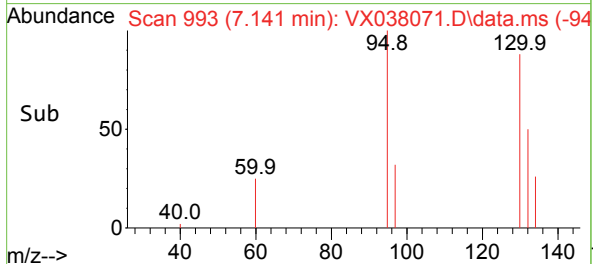
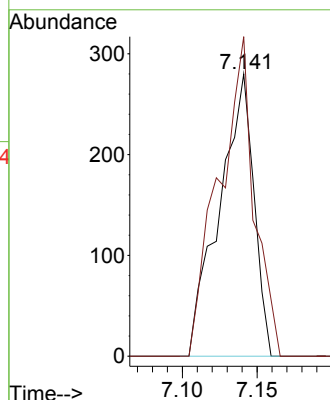
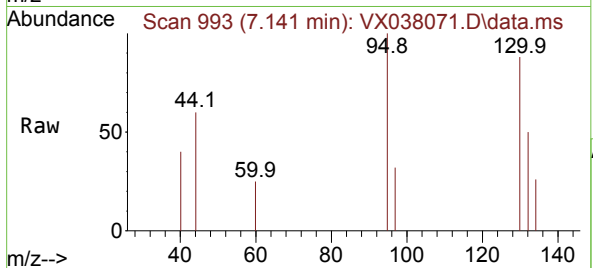




#44
Trichloroethene
Concen: 0.337 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

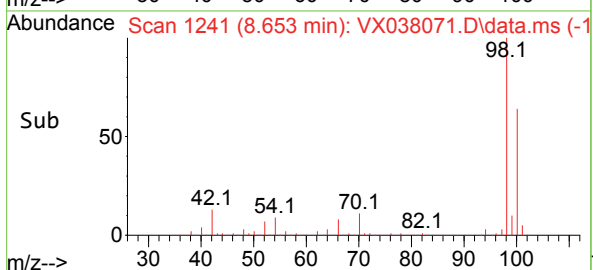
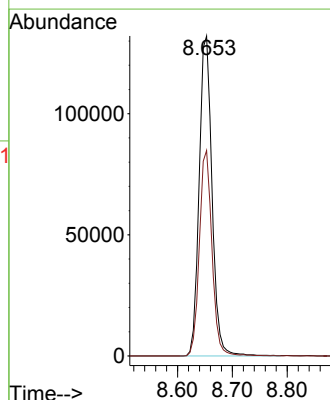
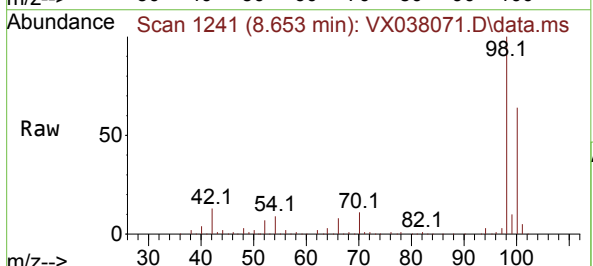
Instrument :
MSVOA_X
ClientSampleId :

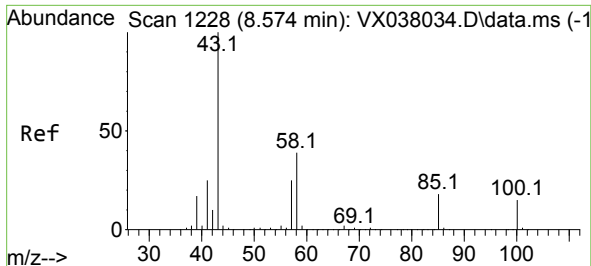
Tgt Ion:130 Resp: 447
Ion Ratio Lower Upper
130 100
95 113.2 0.0 204.4



#50
Toluene-d8
Concen: 47.678 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Tgt Ion: 98 Resp: 215569
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

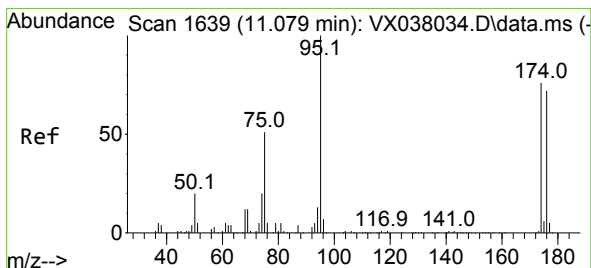
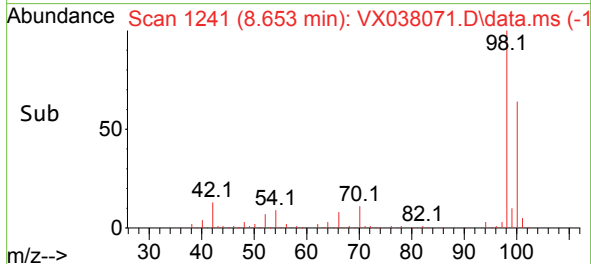
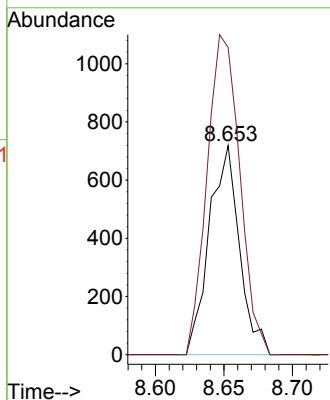
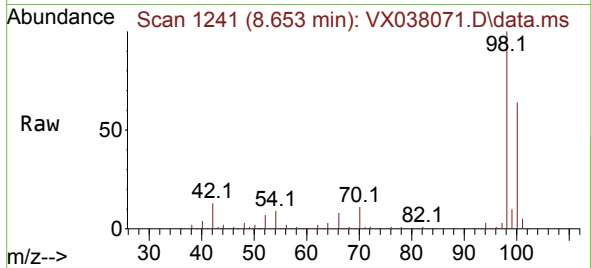




#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

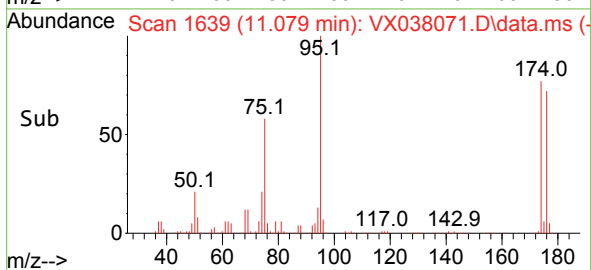
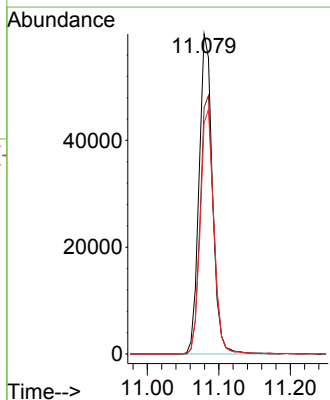
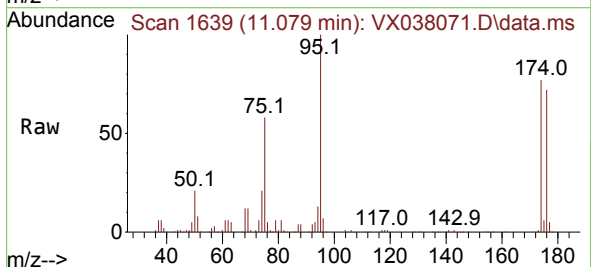
Instrument :
MSVOA_X
ClientSampleId :

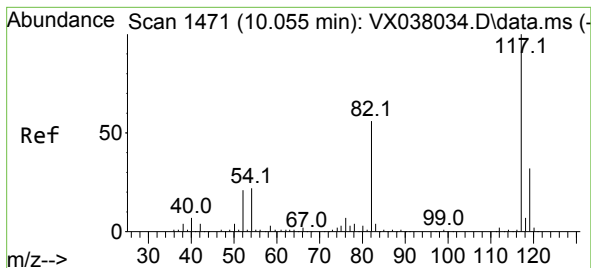
Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 166.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Tgt Ion: 95 Resp: 77758
Ion Ratio Lower Upper
95 100
174 81.4 0.0 135.6
176 77.7 0.0 131.0

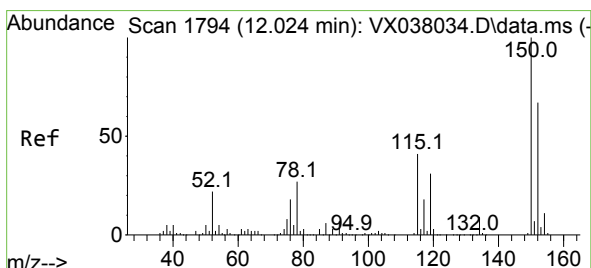
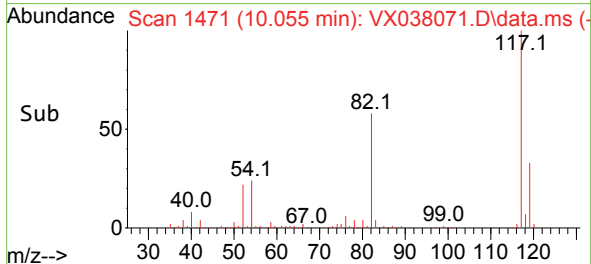
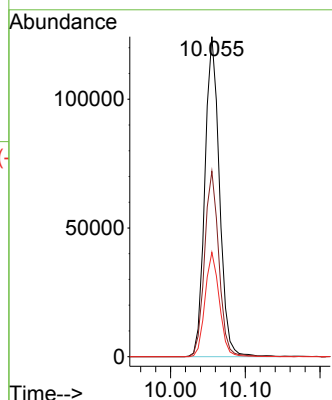
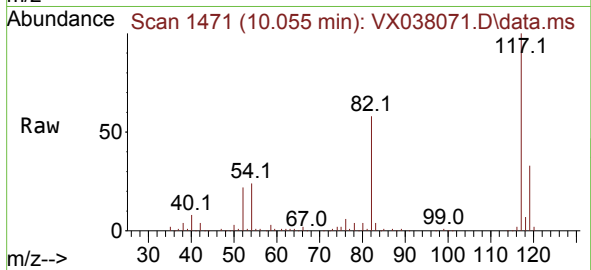




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

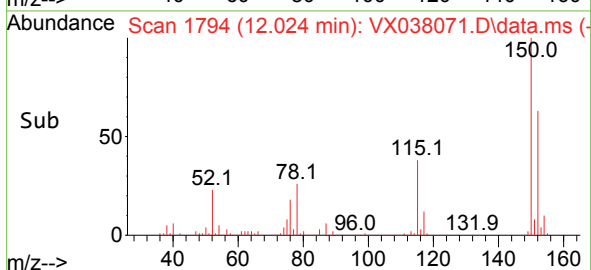
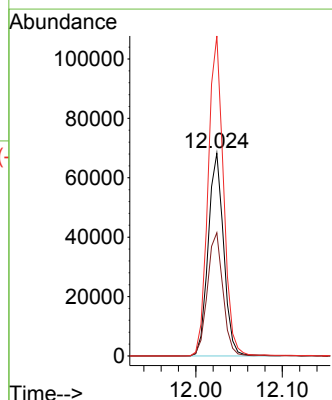
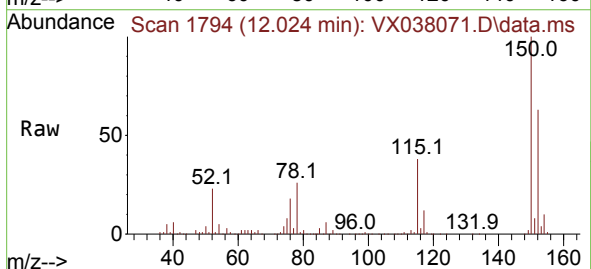
Instrument :
MSVOA_X
ClientSampleId :

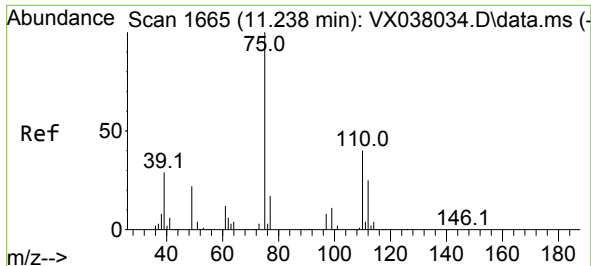
Tgt Ion:117 Resp: 168484
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Tgt Ion:152 Resp: 84673
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 157.7 0.0 345.0

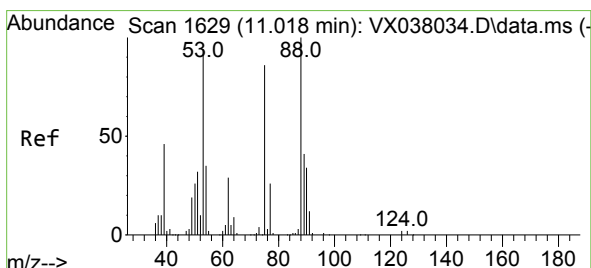
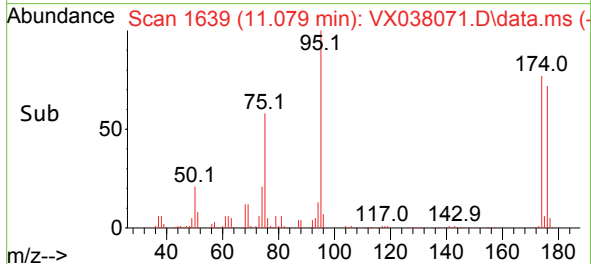
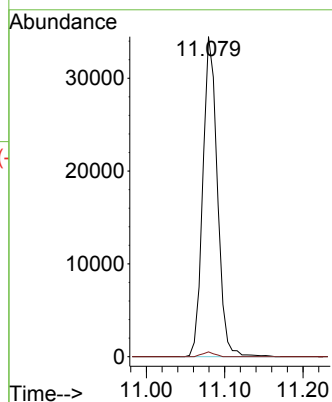
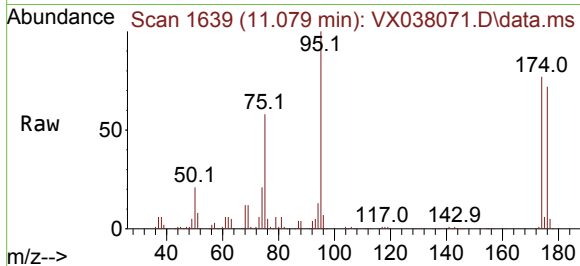




#76
1,2,3-Trichloropropane
Concen: 22.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44521
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038071.D
Acq: 04 Oct 2023 17:32

Tgt Ion: 75 Resp: 44521
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

