

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079372.D
 Acq On : 28 Sep 2023 14:27
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 29 04:36:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

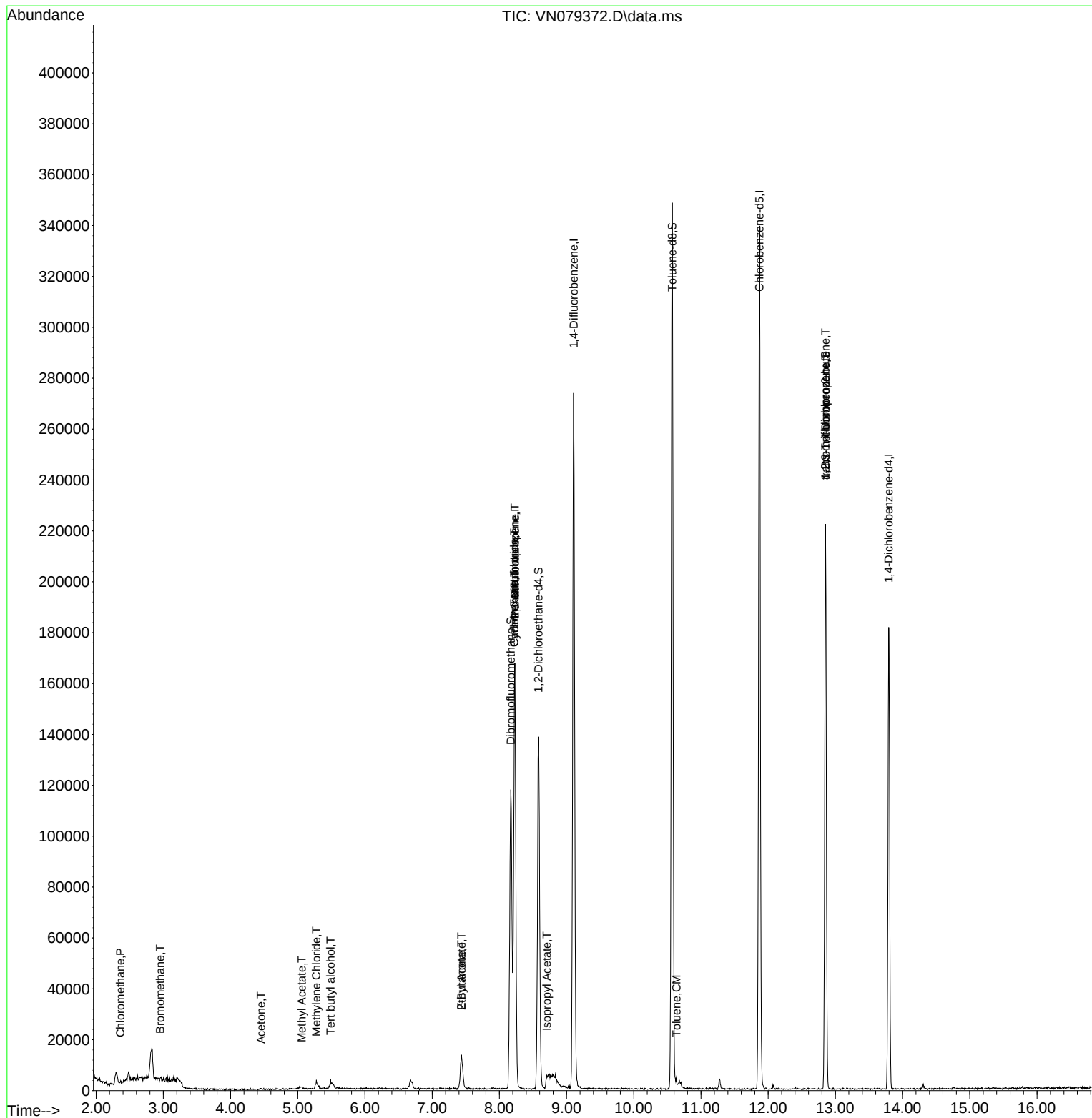
Internal Standards						
1) Pentafluorobenzene	8.230	168	115903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	225013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	187272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	46792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	112846	72.125	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 144.260%#		
35) Dibromofluoromethane	8.171	113	83191	55.581	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 111.160%		
50) Toluene-d8	10.571	98	238612	43.417	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 86.840%		
62) 4-Bromofluorobenzene	12.853	95	69934	39.893	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 79.780%#		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	331	0.220	ug/l #	42
5) Bromomethane	2.954	94	218	0.231	ug/l	84
6) Chloroethane	3.106	64	321	Below Cal	#	43
11) Tert butyl alcohol	5.489	59	2548	8.821	ug/l #	72
16) Acetone	4.453	43	373	0.561	ug/l #	40
18) Methyl Acetate	5.059	43	1094	0.401	ug/l #	56
20) Methylene Chloride	5.277	84	1727	1.068	ug/l #	85
25) 2-Butanone	7.436	43	702	0.728	ug/l #	37
31) Cyclohexane	8.224	56	3195	1.399	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	11416	4.948	ug/l #	46
37) Ethyl Acetate	7.436	43	702	0.305	ug/l #	32
38) Carbon Tetrachloride	8.224	117	12675	5.309	ug/l #	15
43) Isopropyl Acetate	8.706	43	2538	0.676	ug/l #	49
52) Toluene	10.635	92	913	0.210	ug/l	90
76) 1,2,3-Trichloropropane	12.853	75	41023	32.529	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41023	89.430	ug/l #	15

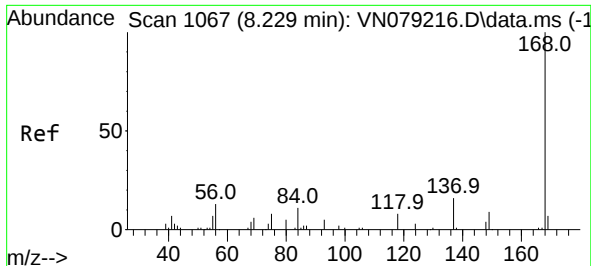
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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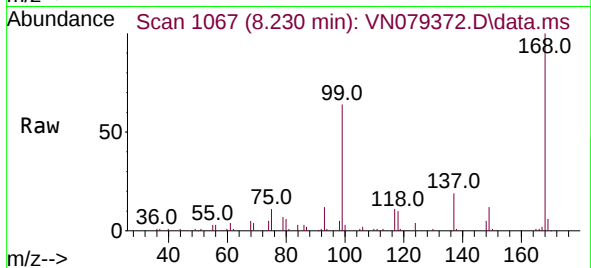
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



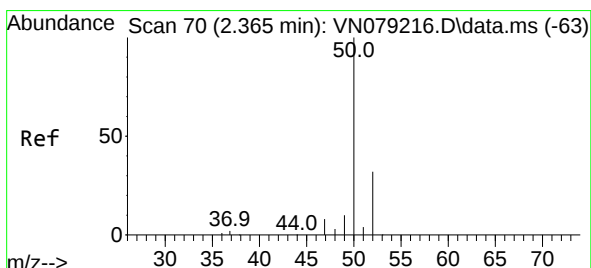
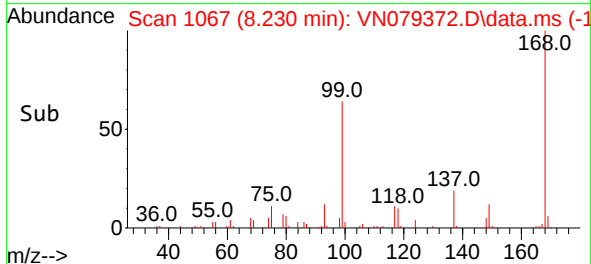
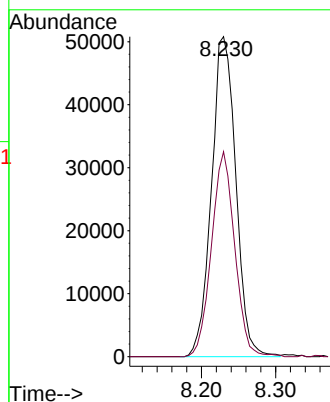


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :

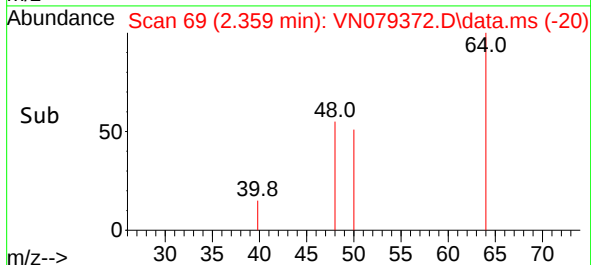
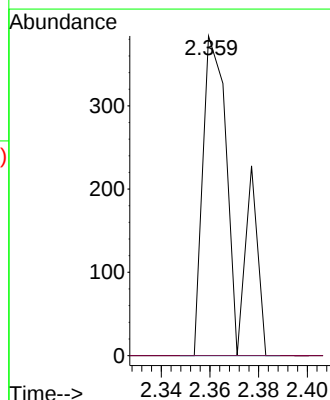
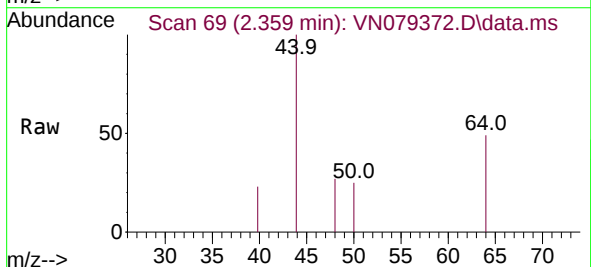


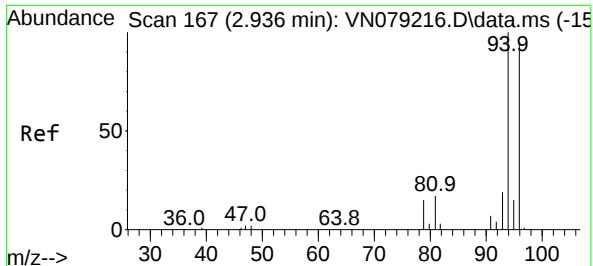
Tgt Ion:168 Resp: 115903
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#3
Chloromethane
Concen: 0.220 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.012 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.231 ug/l

RT: 2.954 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

Instrument :

MSVOA_N

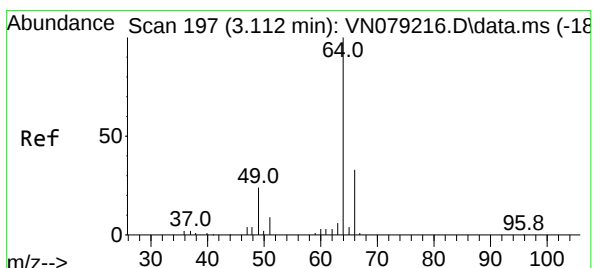
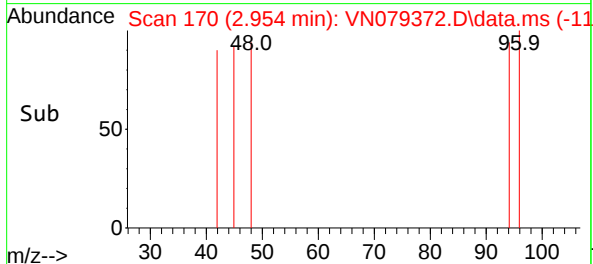
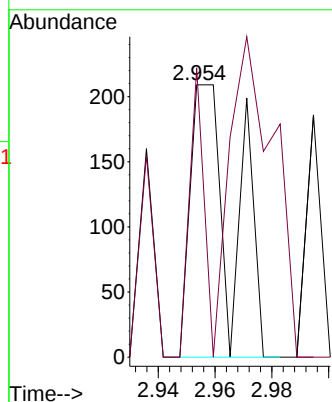
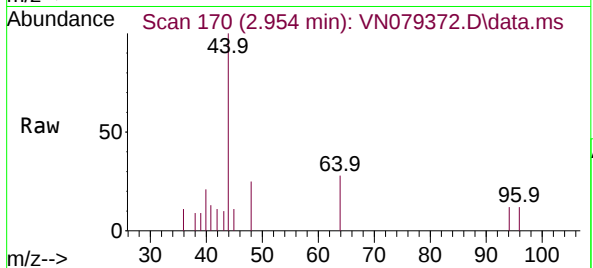
ClientSampleId :

Tgt Ion: 94 Resp: 218

Ion Ratio Lower Upper

94 100

96 106.2 73.1 109.7



#6

Chloroethane

Concen: Below Cal

RT: 3.106 min Scan# 196

Delta R.T. -0.012 min

Lab File: VN079372.D

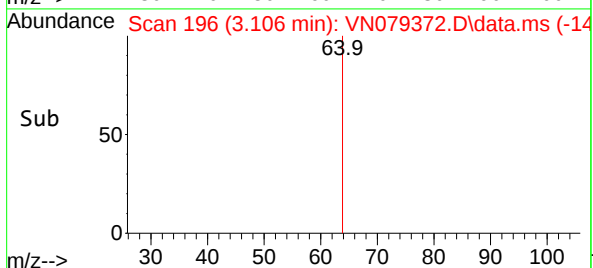
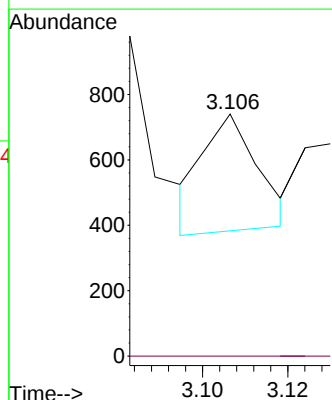
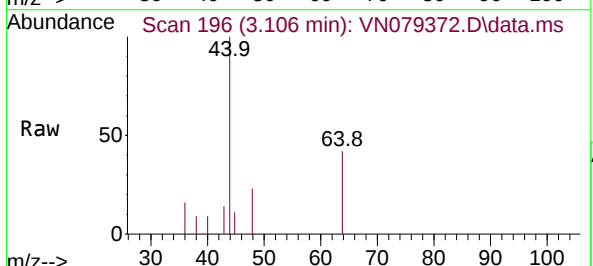
Acq: 28 Sep 2023 14:27

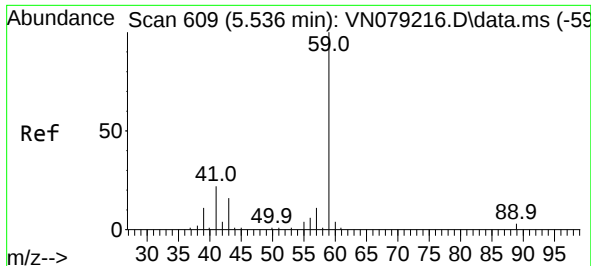
Tgt Ion: 64 Resp: 321

Ion Ratio Lower Upper

64 100

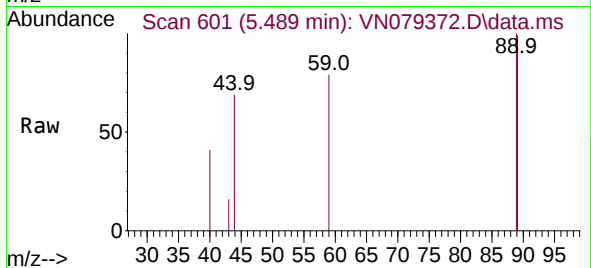
66 0.0 25.4 38.2#



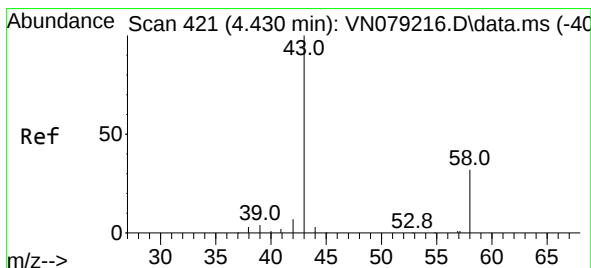
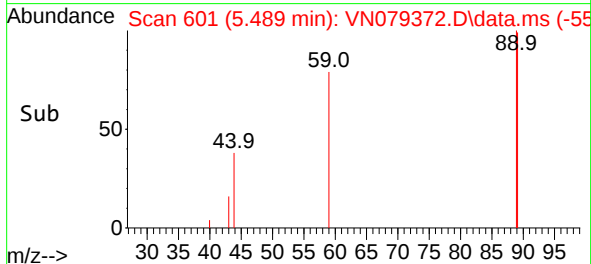
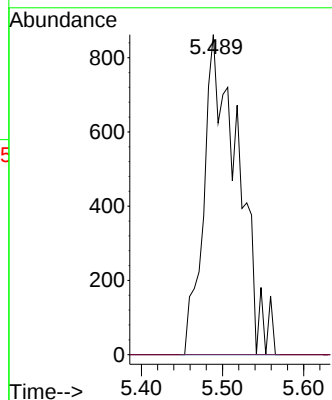


#11
Tert butyl alcohol
Concen: 8.821 ug/l
RT: 5.489 min Scan# 609
Delta R.T. -0.053 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :

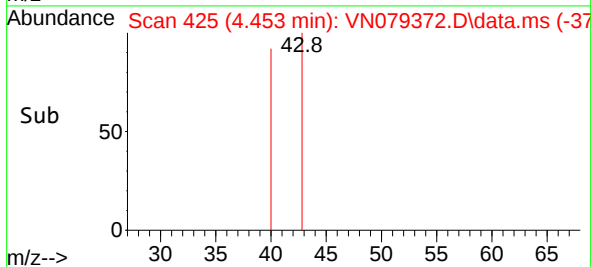
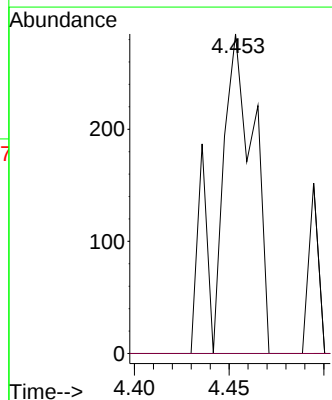
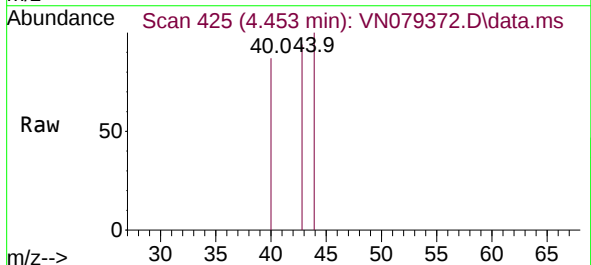


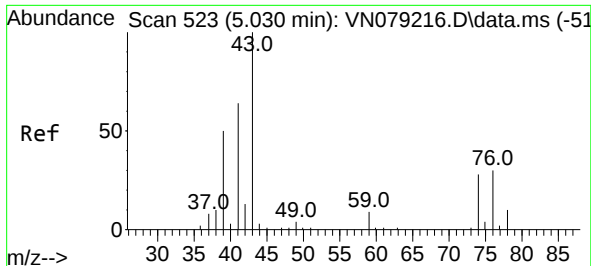
Tgt Ion: 59 Resp: 2548
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.561 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

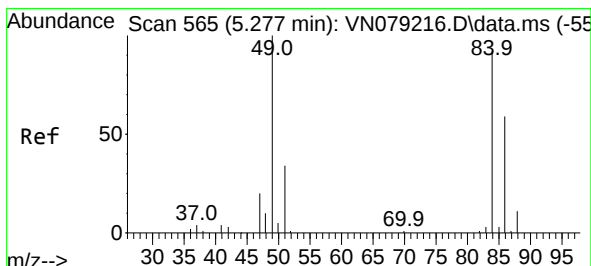
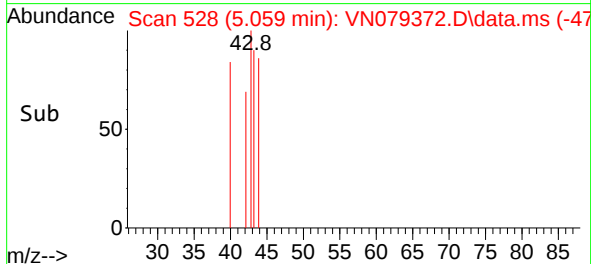
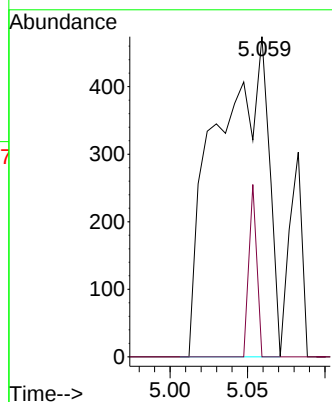
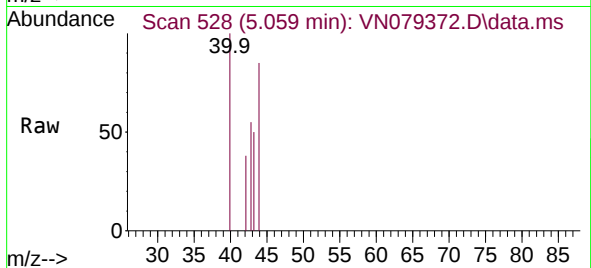




#18
Methyl Acetate
Concen: 0.401 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

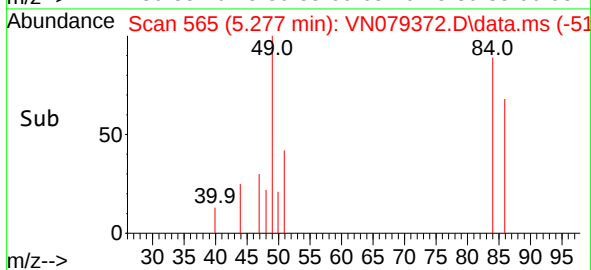
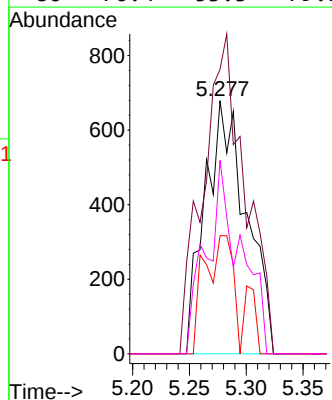
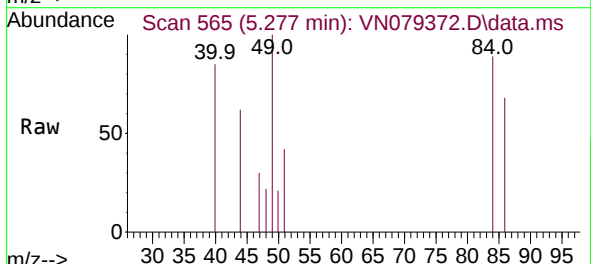
Instrument :
MSVOA_N
ClientSampleId :

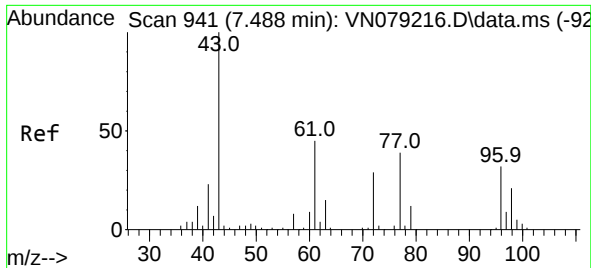
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
74 8.2 26.2 39.4#



#20
Methylene Chloride
Concen: 1.068 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 84 Resp: 1727
Ion Ratio Lower Upper
84 100
49 112.4 79.7 119.5
51 46.7 25.2 37.8#
86 76.4 53.3 79.9

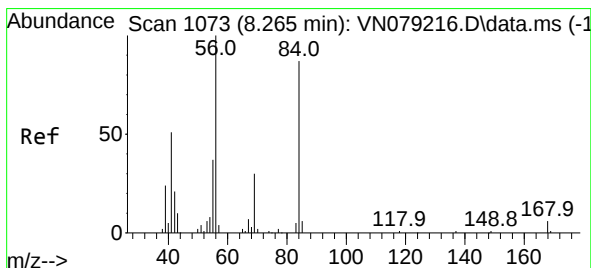
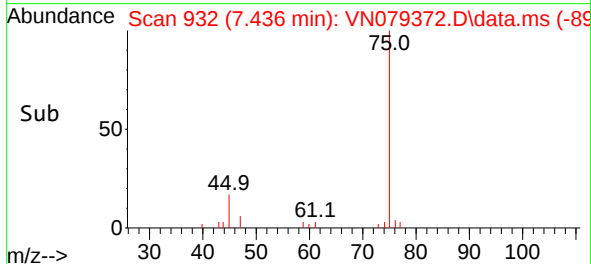
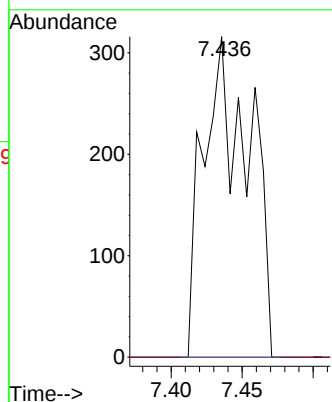
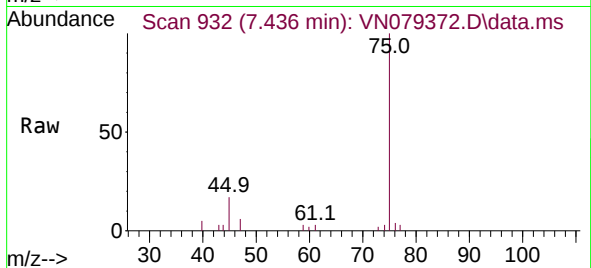




#25
2-Butanone
Concen: 0.728 ug/l
RT: 7.436 min Scan# 91
Delta R.T. -0.058 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

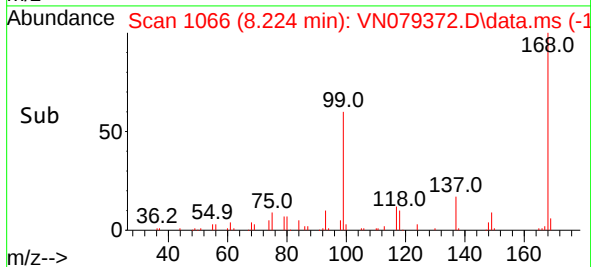
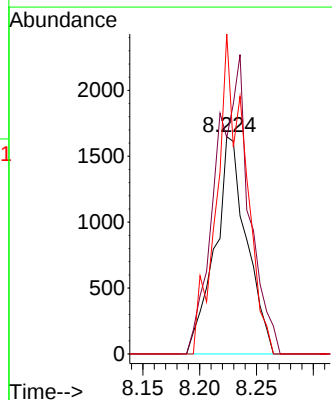
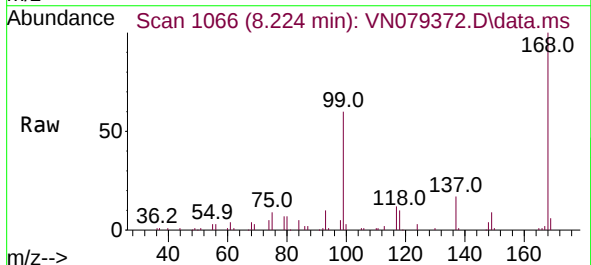
Instrument :
MSVOA_N
ClientSampleId :

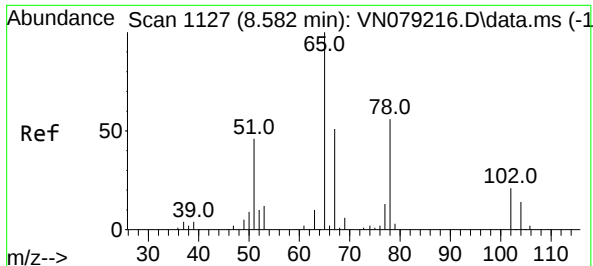
Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.399 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 56 Resp: 3195
Ion Ratio Lower Upper
56 100
69 99.5 26.8 40.2#
84 147.2 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 72.125 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

Instrument :

MSVOA_N

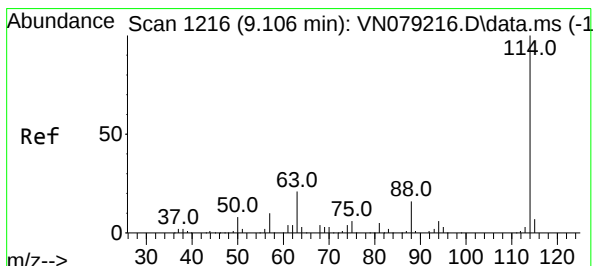
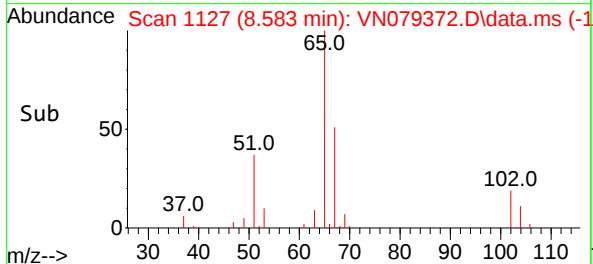
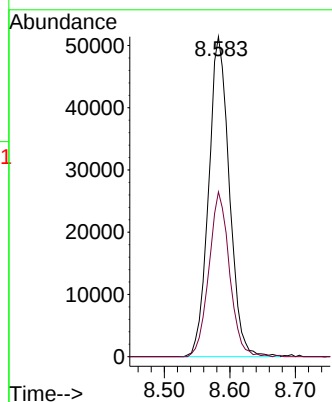
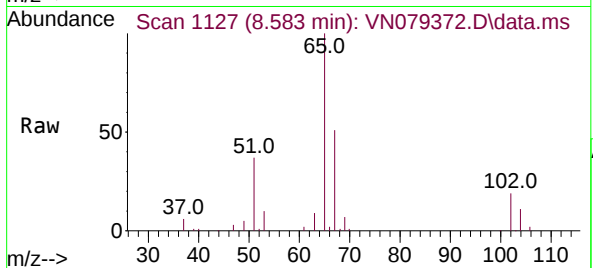
ClientSampleId :

Tgt Ion: 65 Resp: 112846

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

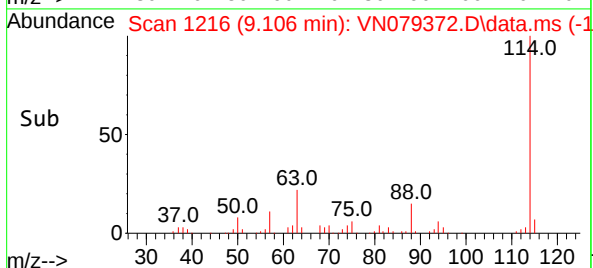
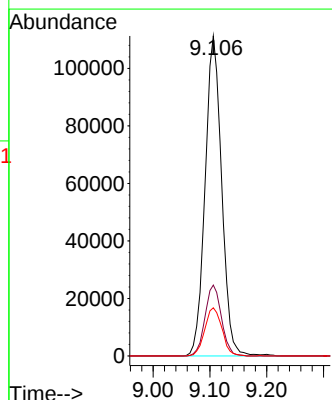
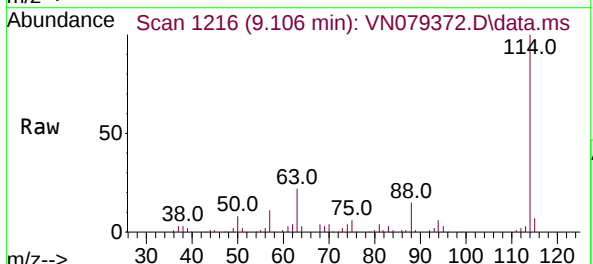
Tgt Ion: 114 Resp: 225013

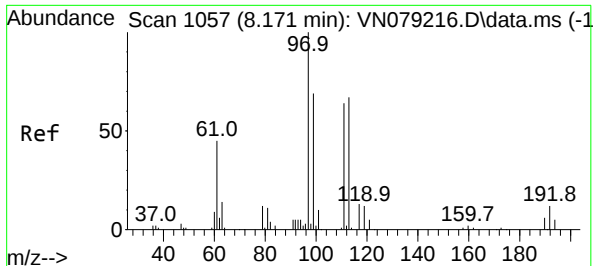
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.581 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

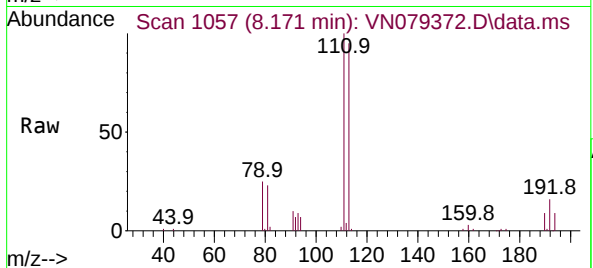
Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

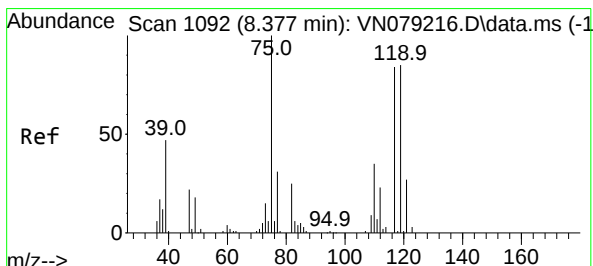
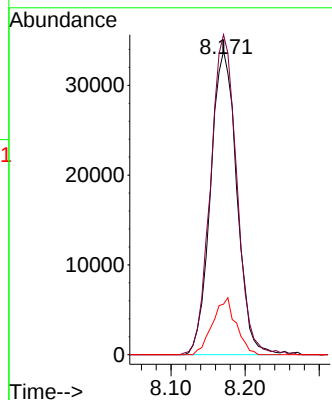
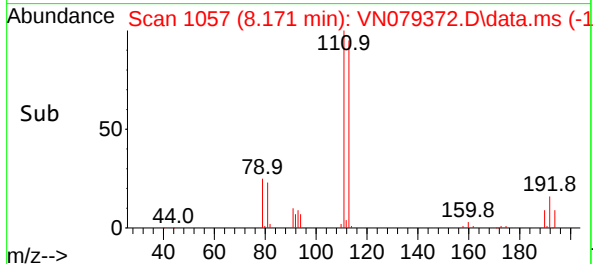
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	83191
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.6	123.8
192	16.7	12.7	19.1



#36

1,1-Dichloropropene

Concen: 4.948 ug/l

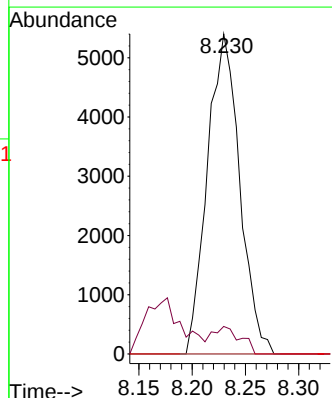
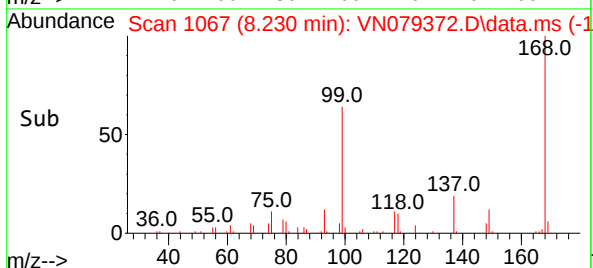
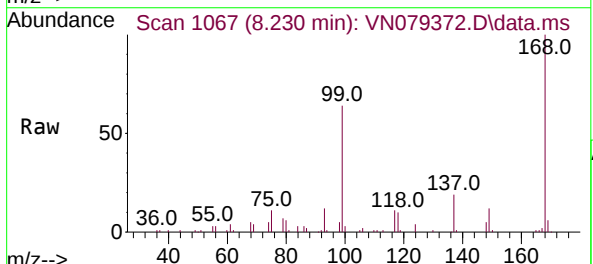
RT: 8.230 min Scan# 1067

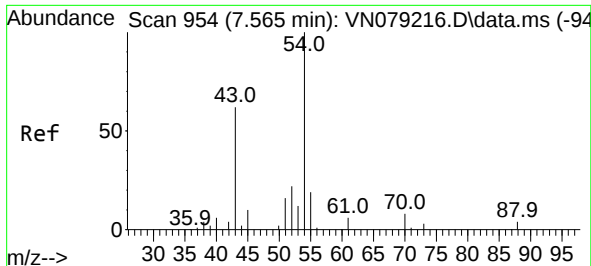
Delta R.T. -0.147 min

Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

Tgt Ion:	75	Resp:	11416
Ion	Ratio	Lower	Upper
75	100		
110	7.4	19.1	57.3#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 0.305 ug/l

RT: 7.436 min Scan# 91

Delta R.T. -0.135 min

Lab File: VN079372.D

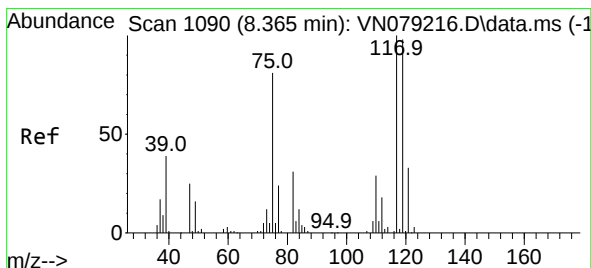
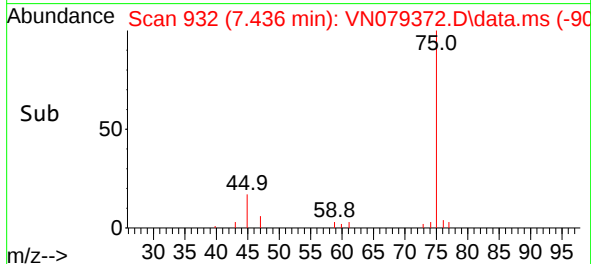
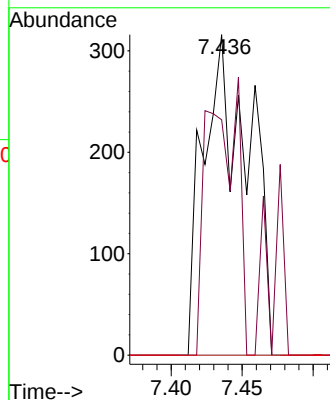
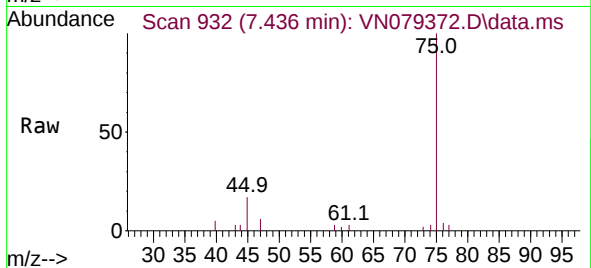
Acq: 28 Sep 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 702
Ion Ratio	Lower Upper
43 100	
61 57.7	13.2 19.8#
70 0.0	11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.309 ug/l

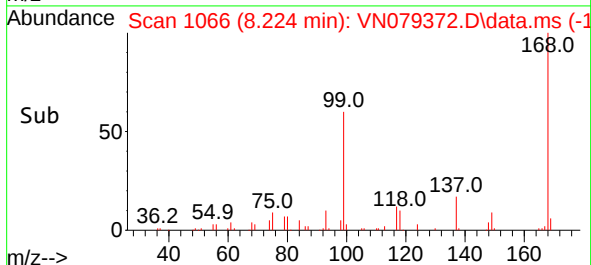
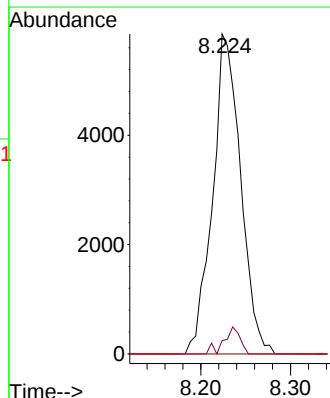
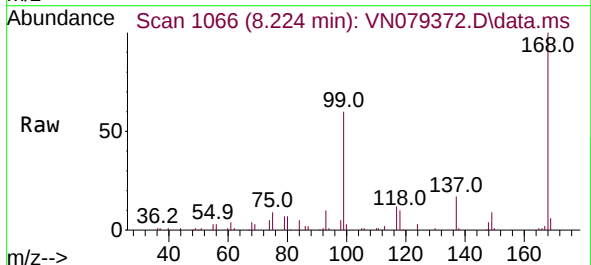
RT: 8.224 min Scan# 1066

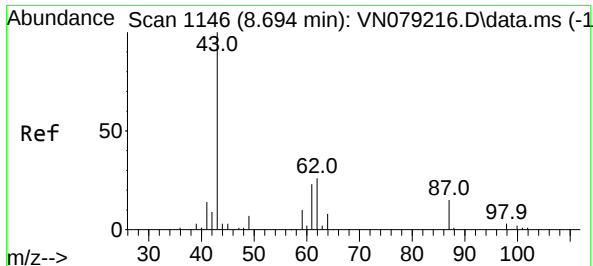
Delta R.T. -0.147 min

Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

Tgt Ion: 117	Resp: 12675
Ion Ratio	Lower Upper
117 100	
119 4.2	77.3 115.9#
121 0.0	23.3 34.9#





#43

Isopropyl Acetate

Concen: 0.676 ug/l

RT: 8.706 min Scan# 1146

Delta R.T. 0.012 min

Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

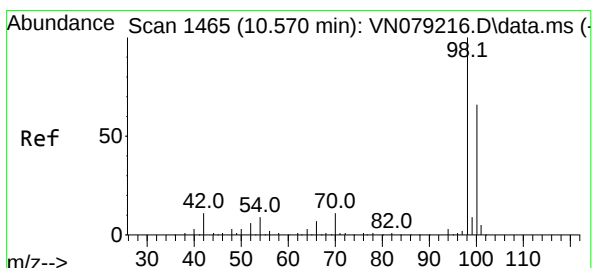
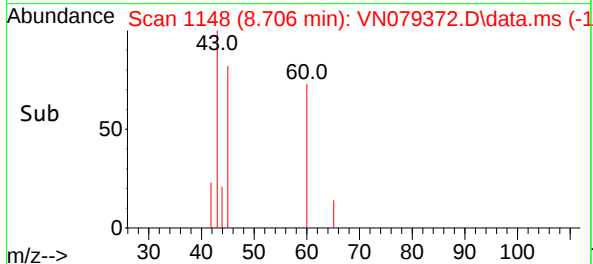
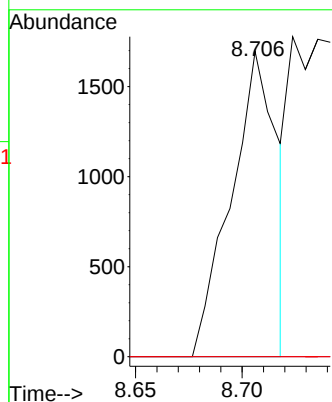
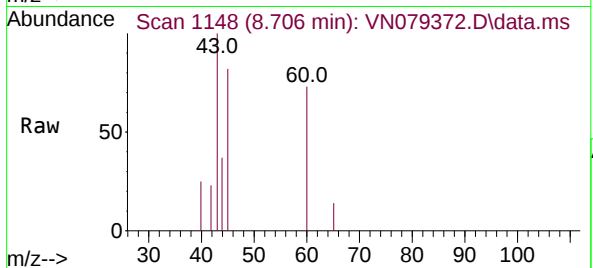
Tgt Ion: 43 Resp: 2538

Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#



#50

Toluene-d8

Concen: 43.417 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079372.D

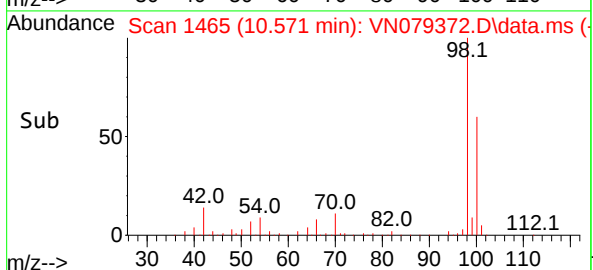
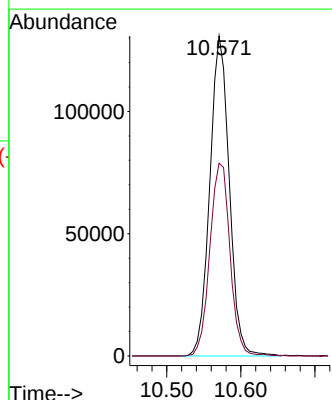
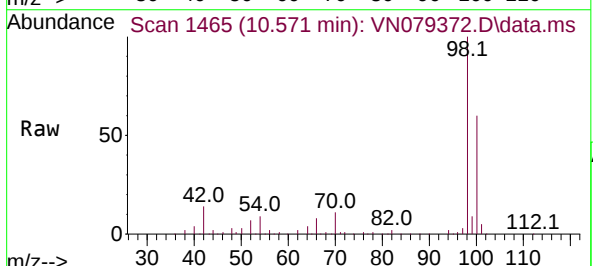
Acq: 28 Sep 2023 14:27

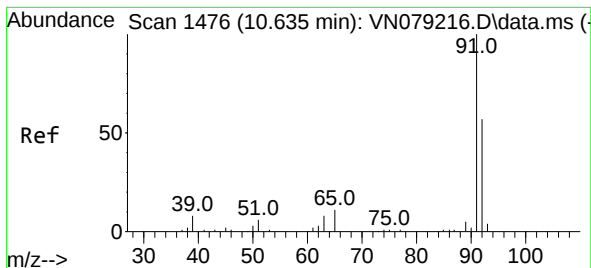
Tgt Ion: 98 Resp: 238612

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0





#52

Toluene

Concen: 0.210 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

Instrument :

MSVOA_N

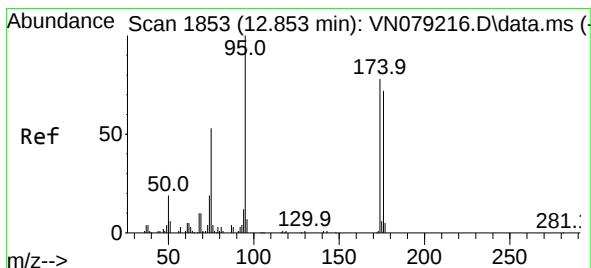
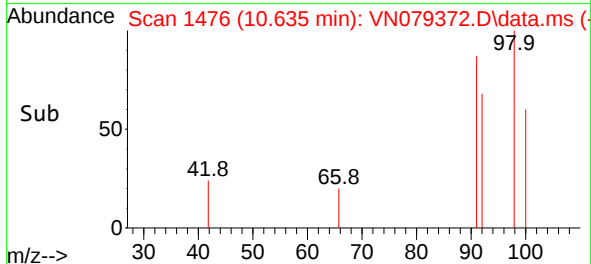
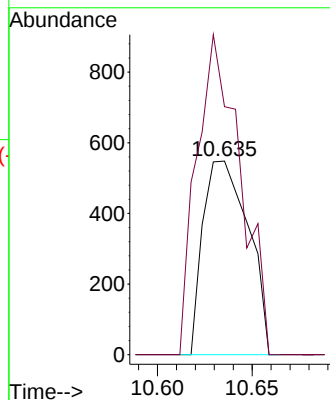
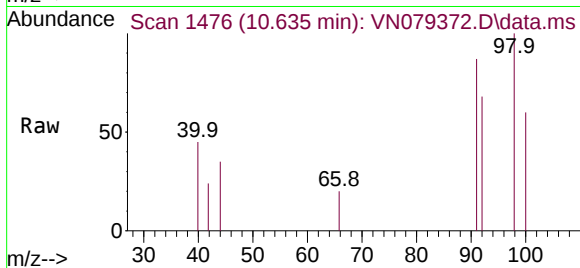
ClientSampleId :

Tgt Ion: 92 Resp: 913

Ion Ratio Lower Upper

92 100

91 158.3 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 39.893 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079372.D

Acq: 28 Sep 2023 14:27

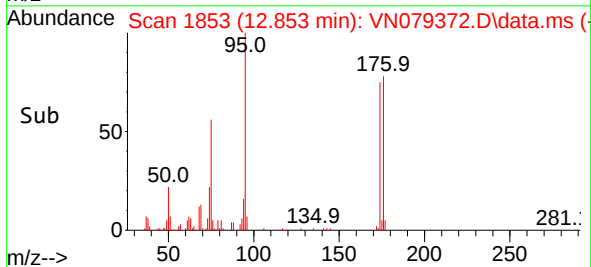
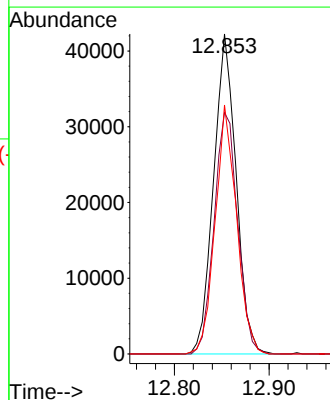
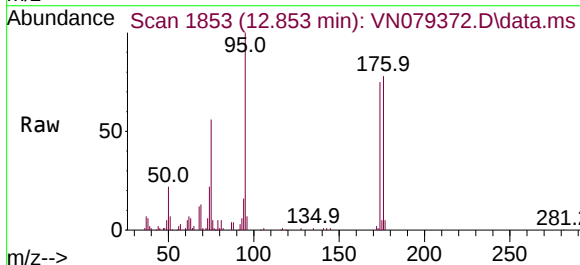
Tgt Ion: 95 Resp: 69934

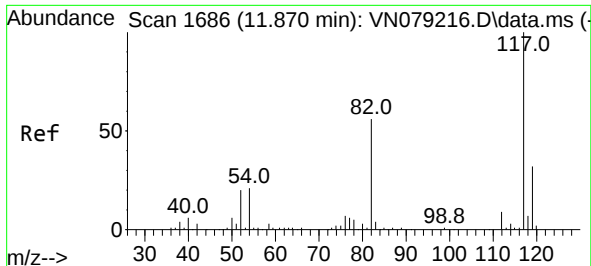
Ion Ratio Lower Upper

95 100

174 78.7 0.0 143.8

176 74.0 0.0 135.8

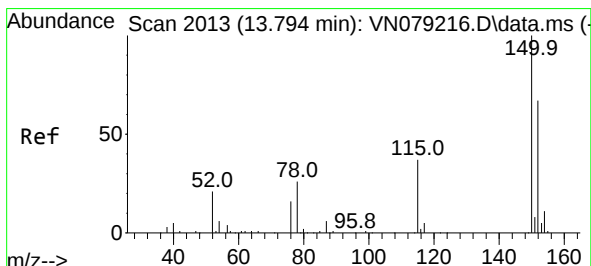
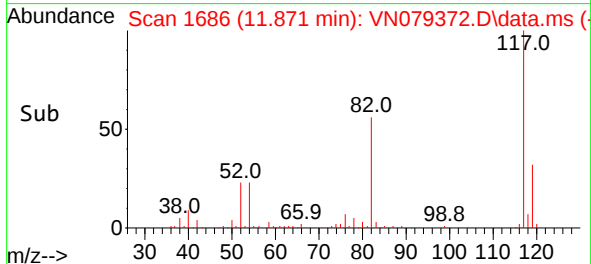
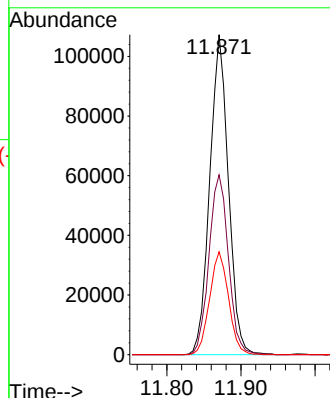
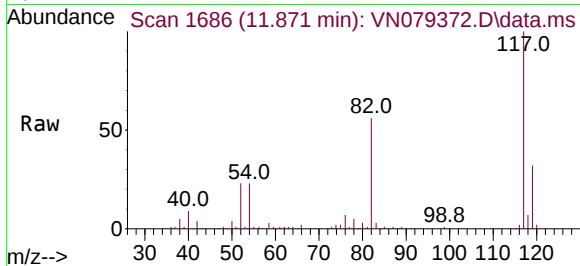




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

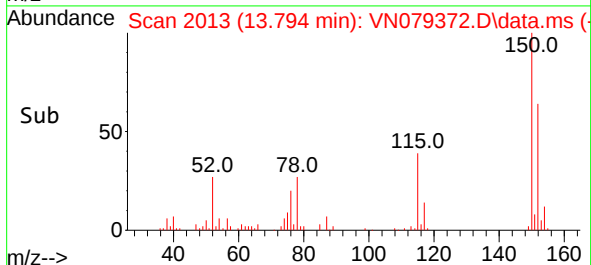
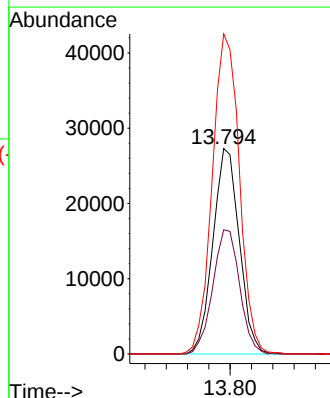
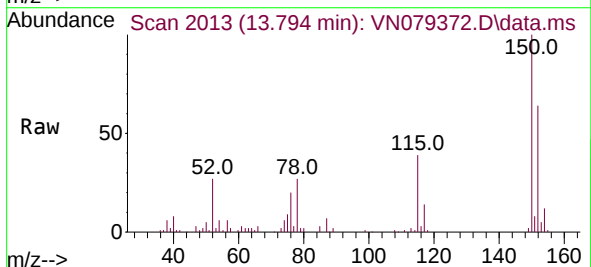
Instrument :
MSVOA_N
ClientSampleId :

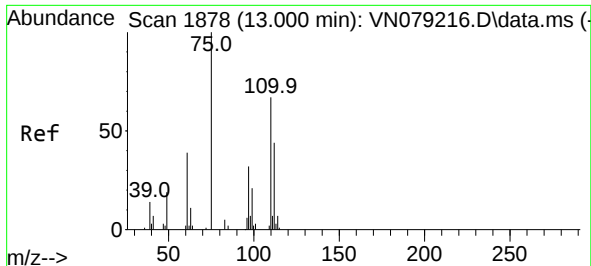
Tgt Ion:117 Resp: 187272
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Tgt Ion:152 Resp: 46792
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 160.6 0.0 355.8

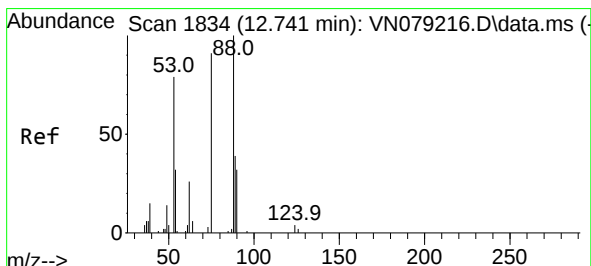
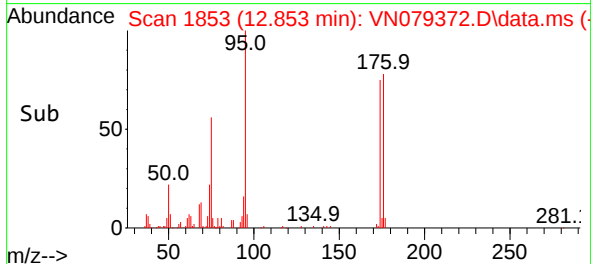
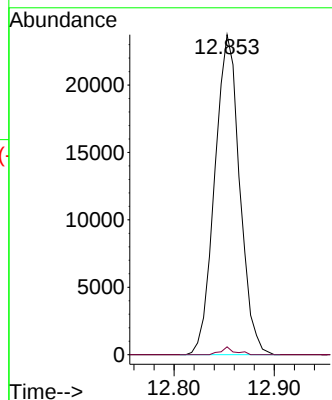
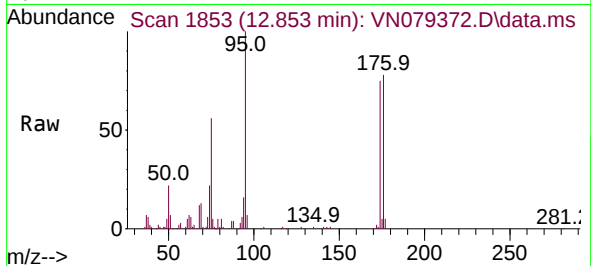




#76
1,2,3-Trichloropropane
Concen: 32.529 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 41023
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.430 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079372.D
Acq: 28 Sep 2023 14:27

Tgt Ion: 75 Resp: 41023
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

