

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079370.D
 Acq On : 28 Sep 2023 13:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 29 04:35:20 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)

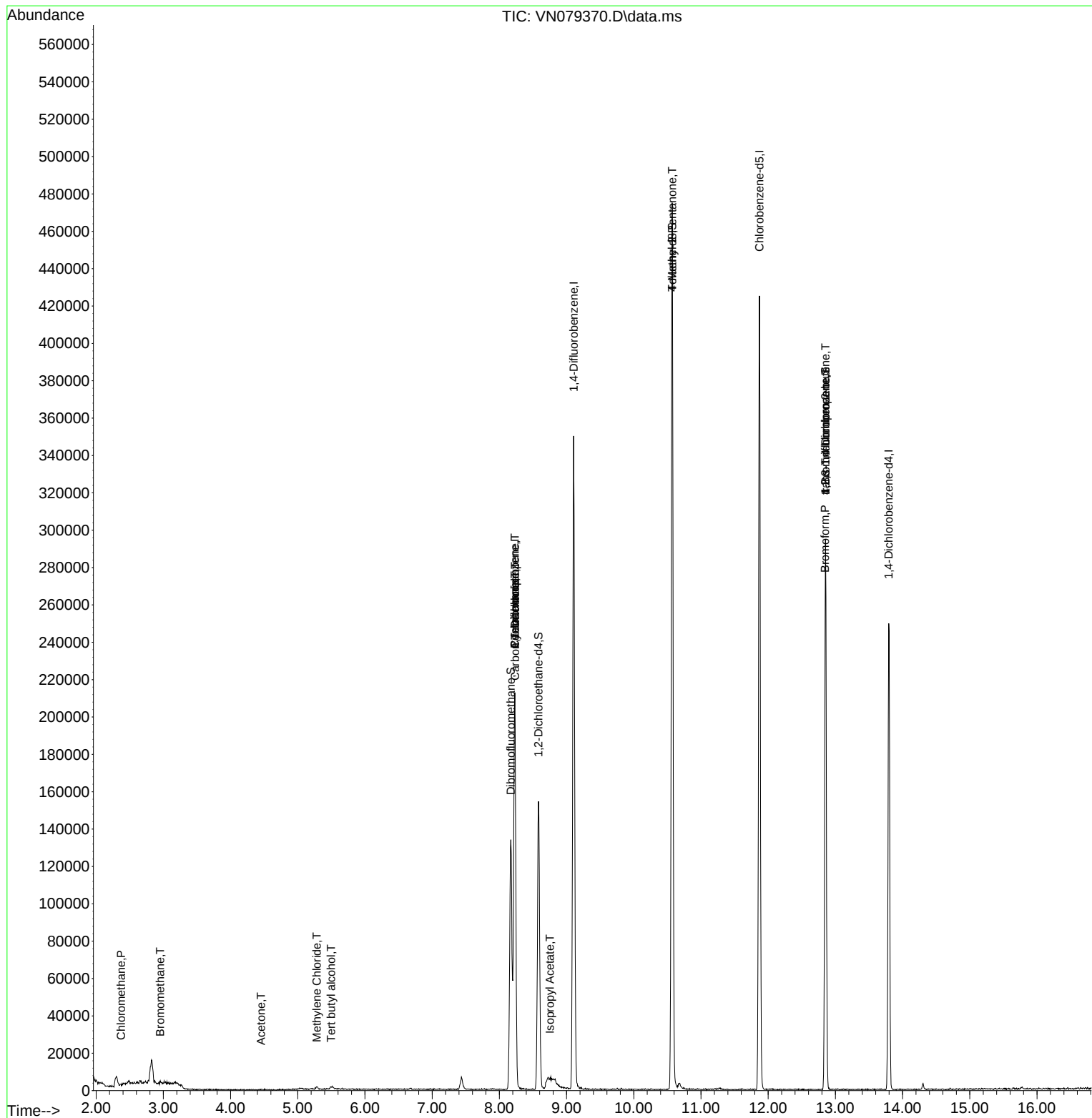
Internal Standards						
1) Pentafluorobenzene	8.229	168	148944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	239584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125213	62.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.560%	
35) Dibromofluoromethane	8.171	113	96998	52.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.680%	
50) Toluene-d8	10.571	98	316327	46.482	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.960%	
62) 4-Bromofluorobenzene	12.853	95	96000	44.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	408	0.211	ug/l #	42
5) Bromomethane	2.953	94	282	0.233	ug/l	82
6) Chloroethane	3.136	64	322	Below Cal	#	43
11) Tert butyl alcohol	5.494	59	679	1.829	ug/l #	72
16) Acetone	4.453	43	267	0.313	ug/l #	40
20) Methylene Chloride	5.283	84	809	0.389	ug/l #	49
31) Cyclohexane	8.229	56	4322	1.472	ug/l #	48
36) 1,1-Dichloropropene	8.229	75	13613	4.765	ug/l #	49
38) Carbon Tetrachloride	8.235	117	15551	5.260	ug/l #	17
43) Isopropyl Acetate	8.753	43	7928	1.705	ug/l #	49
51) 4-Methyl-2-Pentanone	10.571	43	1636	0.606	ug/l #	1
71) Bromoform	12.847	173	578	0.385	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	53750	30.847	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	53750	84.806	ug/l #	15

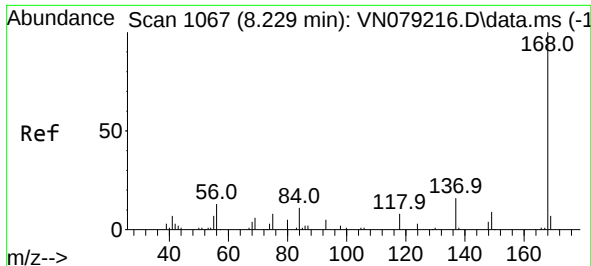
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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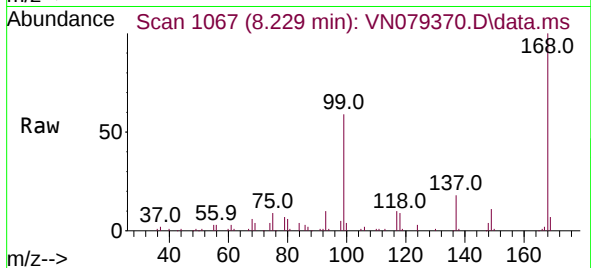
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



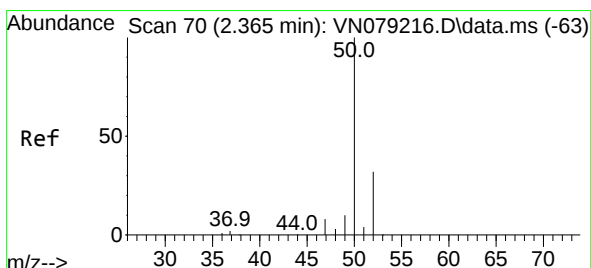
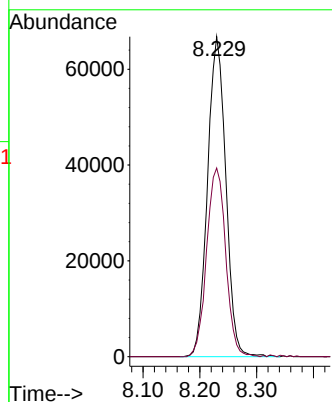
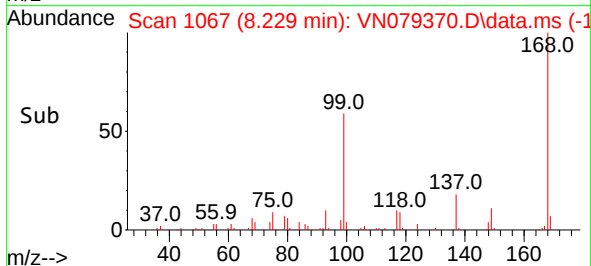


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :

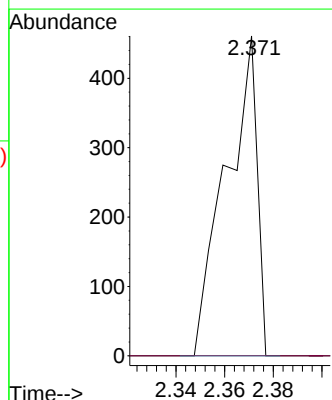
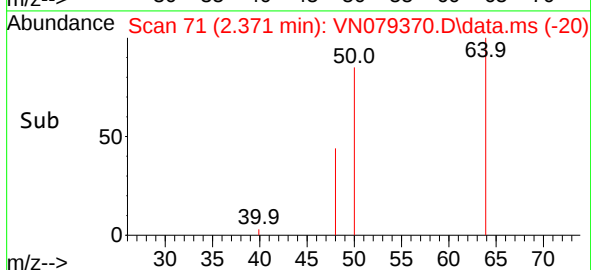
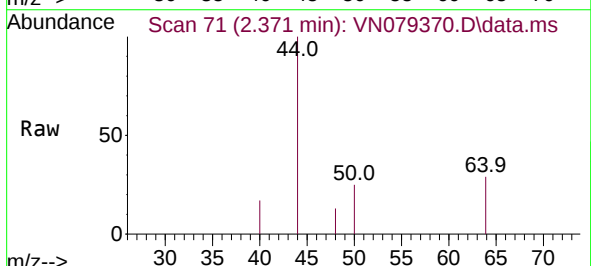


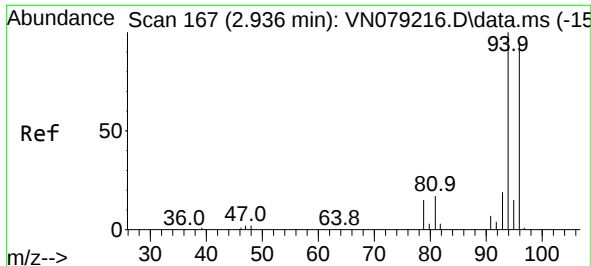
Tgt Ion:168 Resp: 148944
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#3
Chloromethane
Concen: 0.211 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.233 ug/l

RT: 2.953 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN079370.D

Acq: 28 Sep 2023 13:39

Instrument :

MSVOA_N

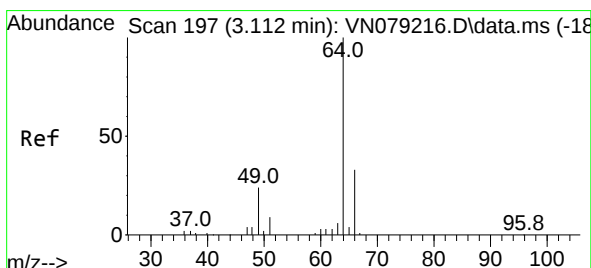
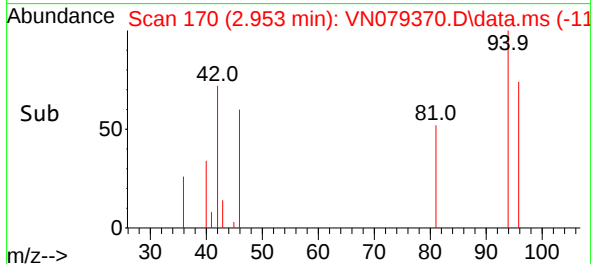
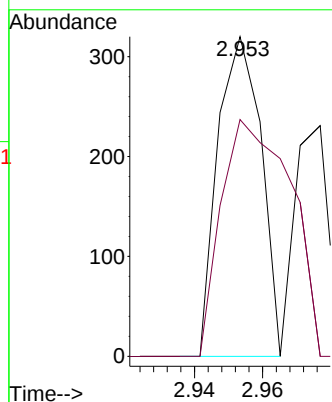
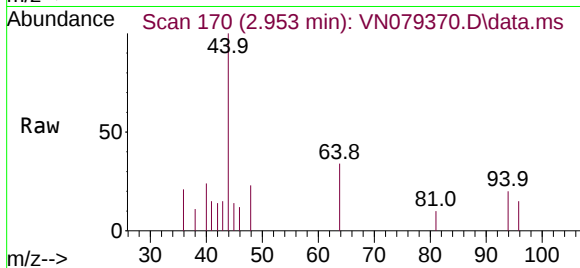
ClientSampleId :

Tgt Ion: 94 Resp: 282

Ion Ratio Lower Upper

94 100

96 74.1 73.1 109.7



#6

Chloroethane

Concen: Below Cal

RT: 3.136 min Scan# 201

Delta R.T. 0.018 min

Lab File: VN079370.D

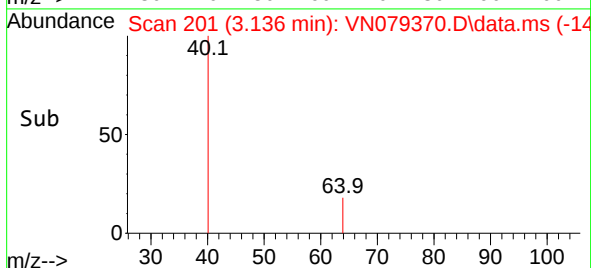
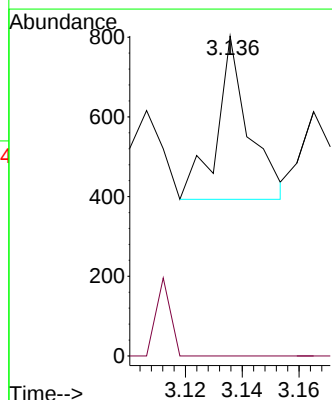
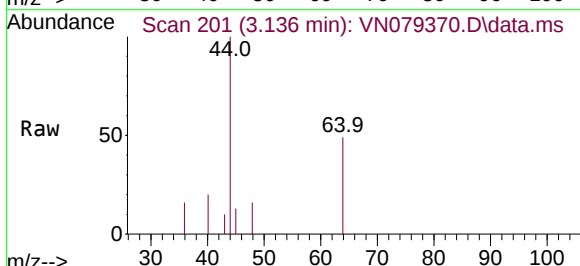
Acq: 28 Sep 2023 13:39

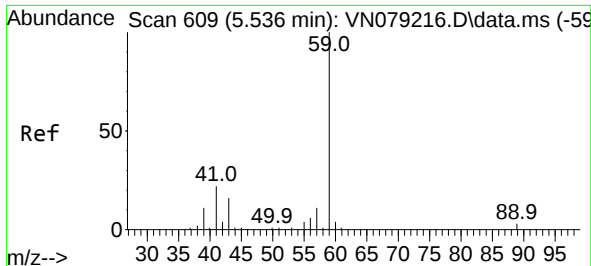
Tgt Ion: 64 Resp: 322

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.829 ug/l

RT: 5.494 min Scan# 609

Delta R.T. -0.048 min

Lab File: VN079370.D

Acq: 28 Sep 2023 13:39

Instrument :

MSVOA_N

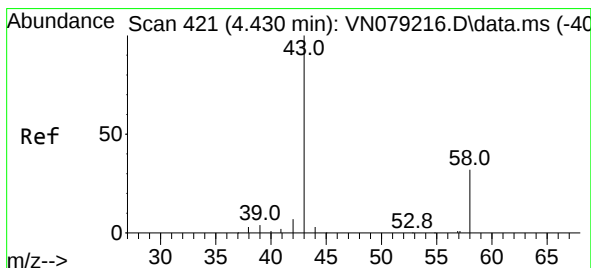
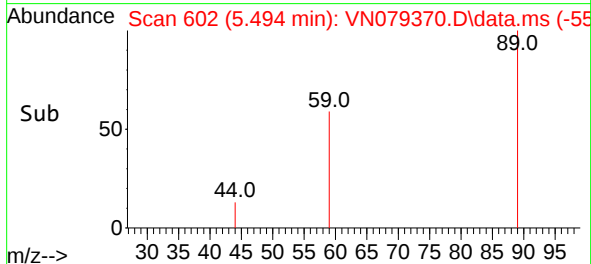
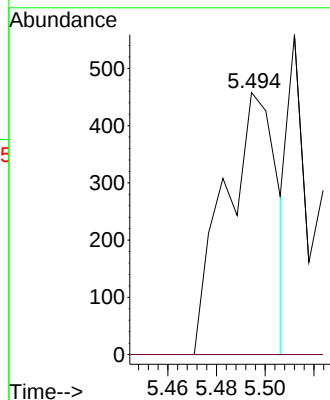
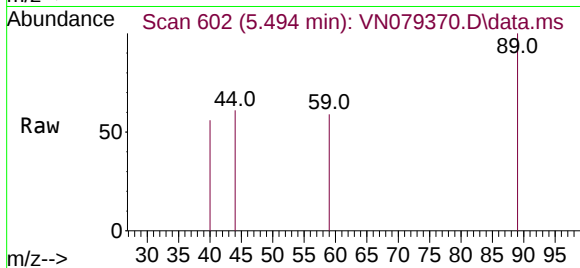
ClientSampleId :

Tgt Ion: 59 Resp: 679

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.313 ug/l

RT: 4.453 min Scan# 425

Delta R.T. 0.011 min

Lab File: VN079370.D

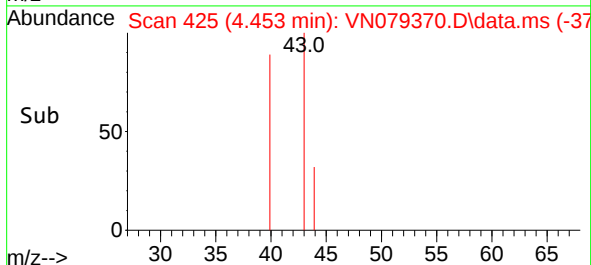
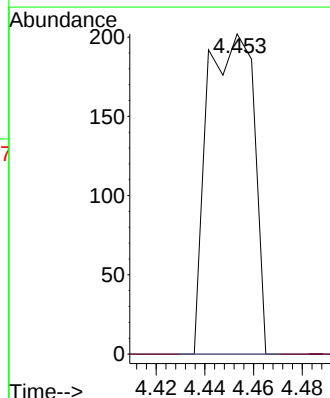
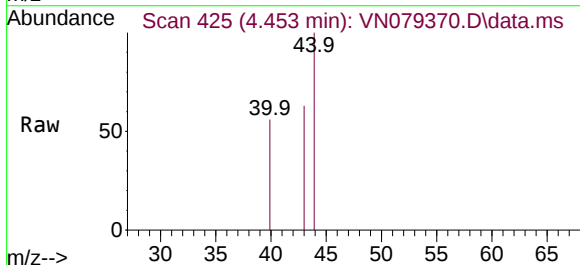
Acq: 28 Sep 2023 13:39

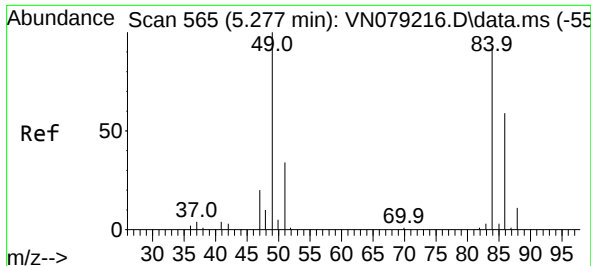
Tgt Ion: 43 Resp: 267

Ion Ratio Lower Upper

43 100

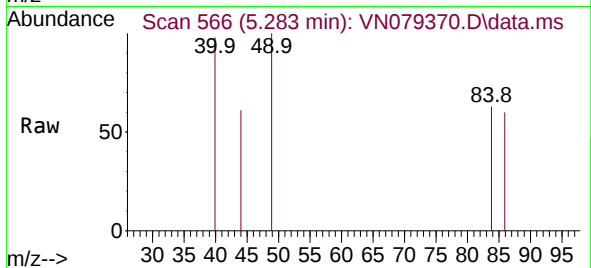
58 0.0 28.0 42.0#



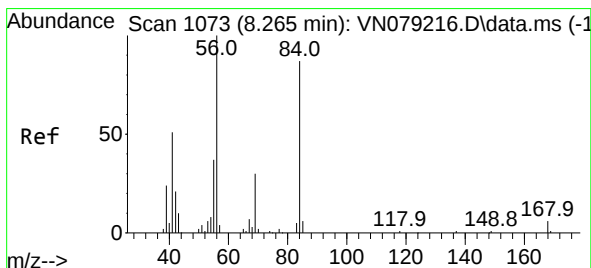
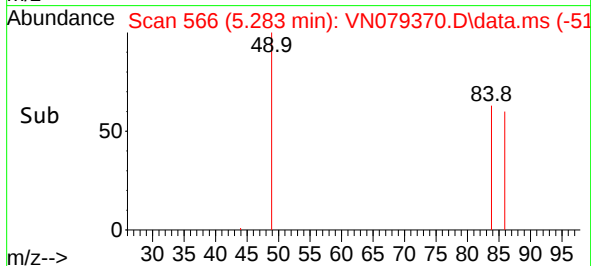
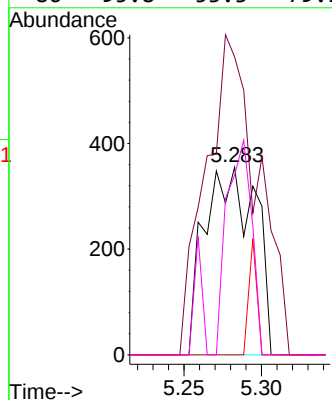


#20
Methylene Chloride
Concen: 0.389 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :

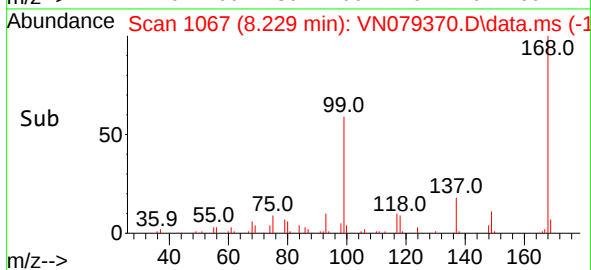
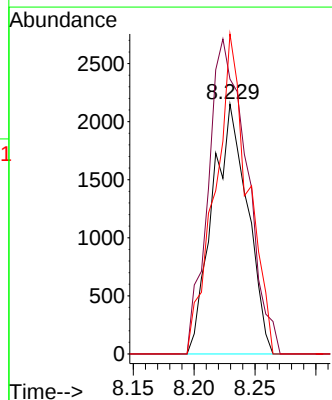
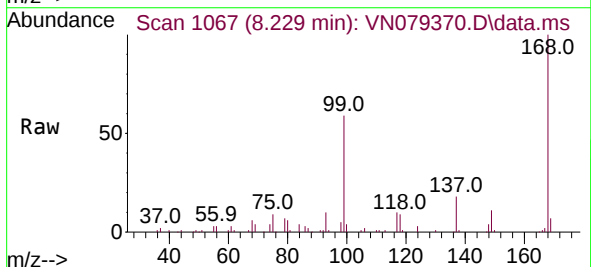


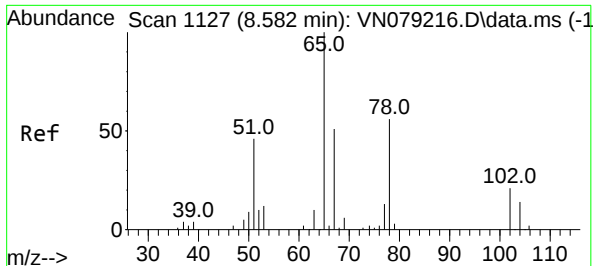
Tgt Ion:	84	Resp:	809
Ion	Ratio	Lower	Upper
84	100		
49	158.9	79.7	119.5#
51	0.0	25.2	37.8#
86	95.8	53.3	79.9#



#31
Cyclohexane
Concen: 1.472 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion:	56	Resp:	4322
Ion	Ratio	Lower	Upper
56	100		
69	110.0	26.8	40.2#
84	128.1	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 62.276 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079370.D

Acq: 28 Sep 2023 13:39

Instrument :

MSVOA_N

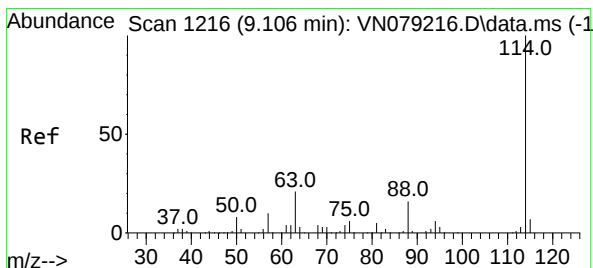
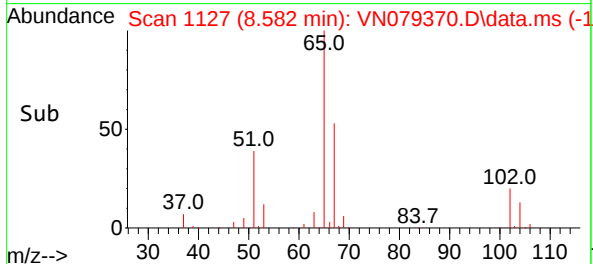
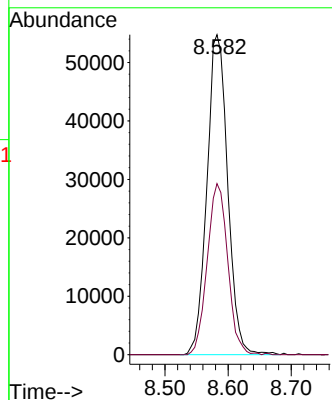
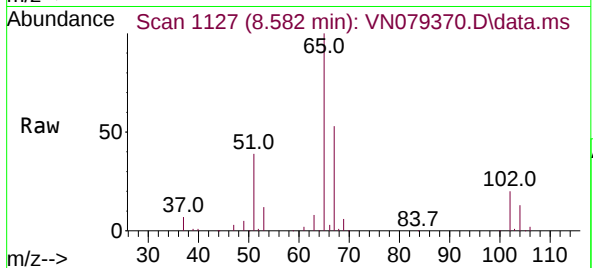
ClientSampleId :

Tgt Ion: 65 Resp: 125213

Ion Ratio Lower Upper

65 100

67 52.7 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: VN079370.D

Acq: 28 Sep 2023 13:39

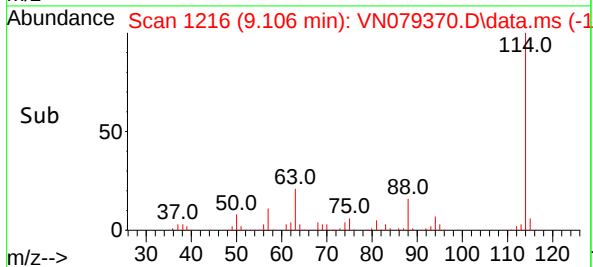
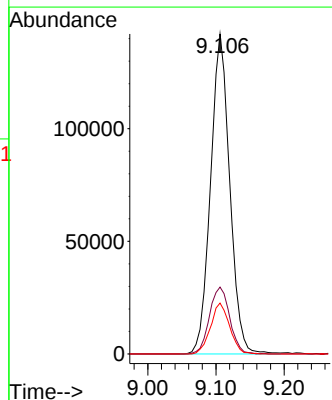
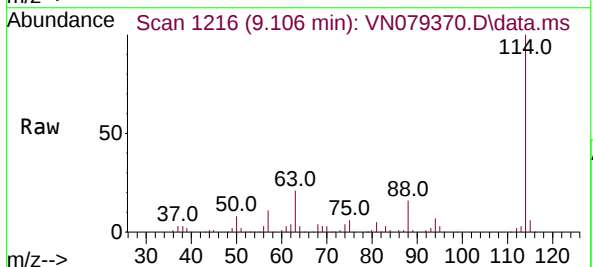
Tgt Ion: 114 Resp: 278627

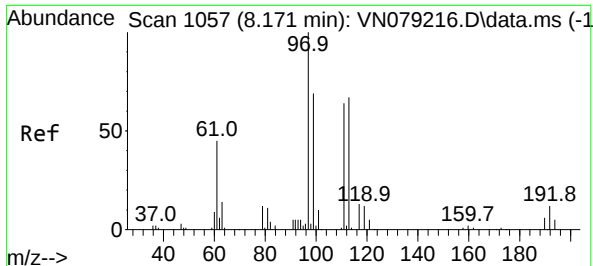
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.336 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079370.D

Acq: 28 Sep 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

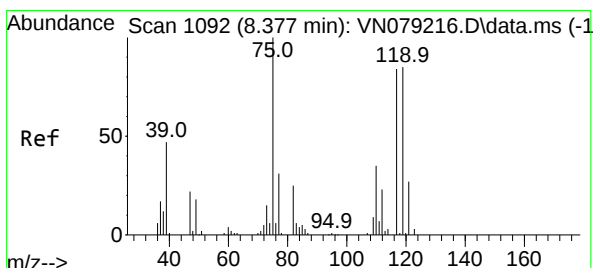
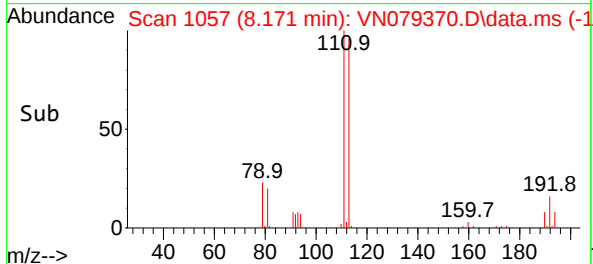
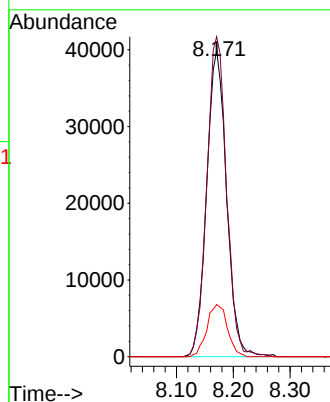
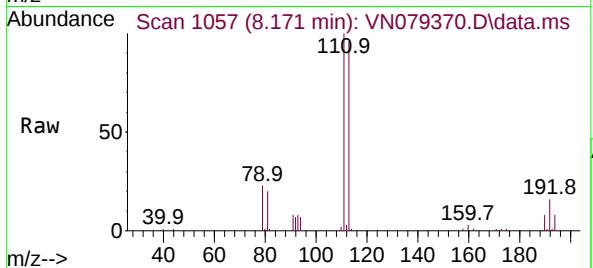
Tgt Ion:113 Resp: 96998

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 17.6 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.765 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

Lab File: VN079370.D

Acq: 28 Sep 2023 13:39

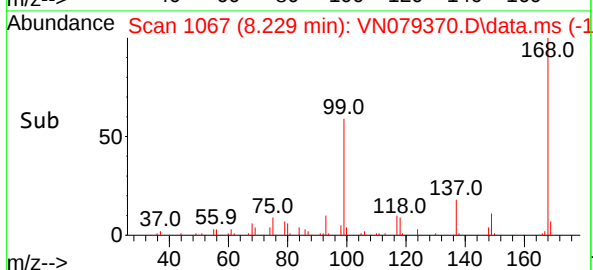
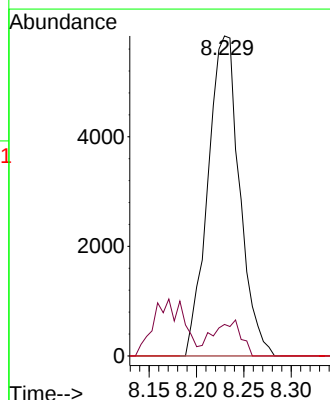
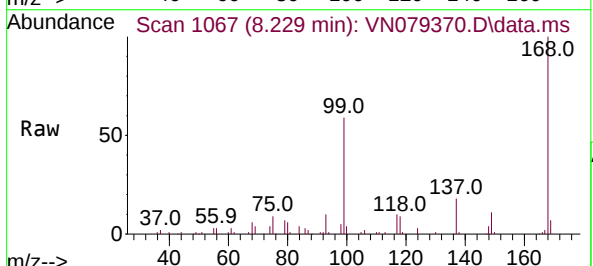
Tgt Ion: 75 Resp: 13613

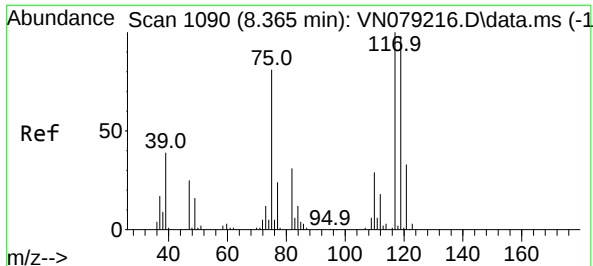
Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

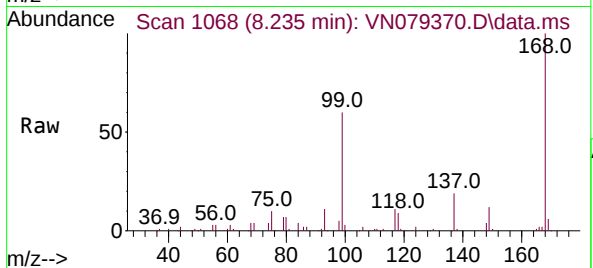
77 0.0 25.0 37.4#



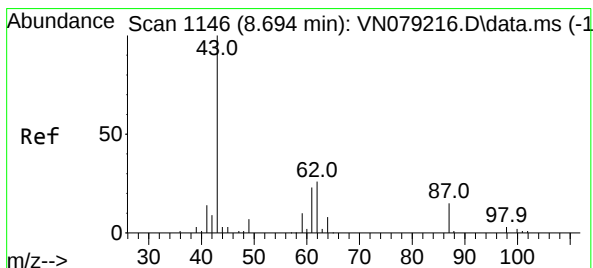
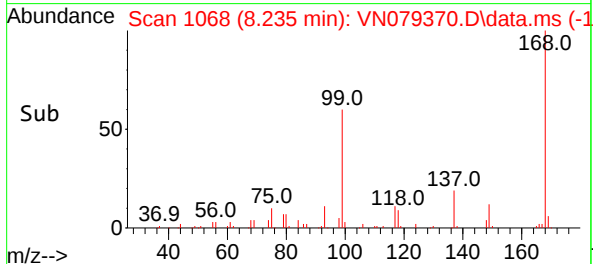
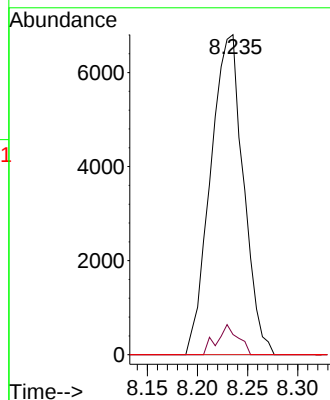


#38
Carbon Tetrachloride
Concen: 5.260 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. -0.136 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :

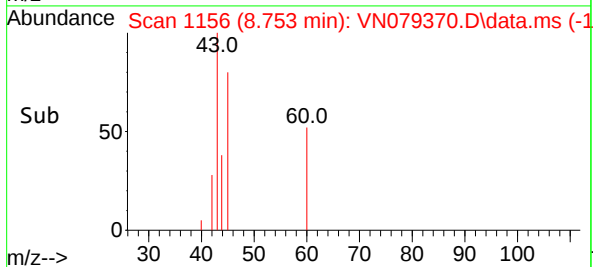
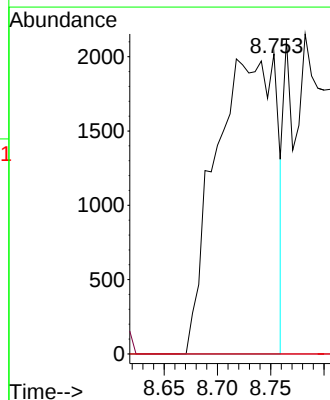
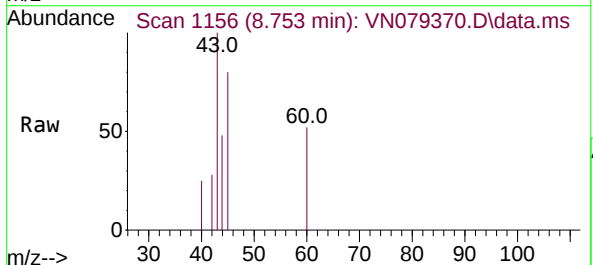


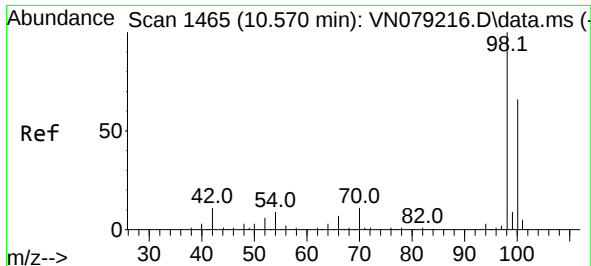
Tgt Ion:117 Resp: 15551
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 1.705 ug/l
RT: 8.753 min Scan# 1156
Delta R.T. 0.059 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion: 43 Resp: 7928
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

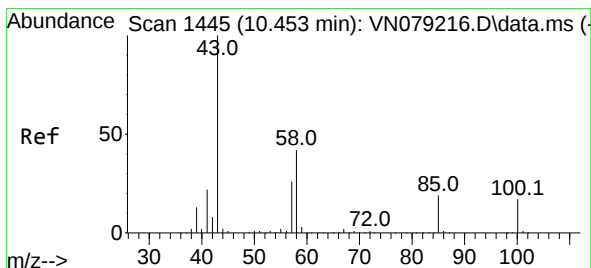
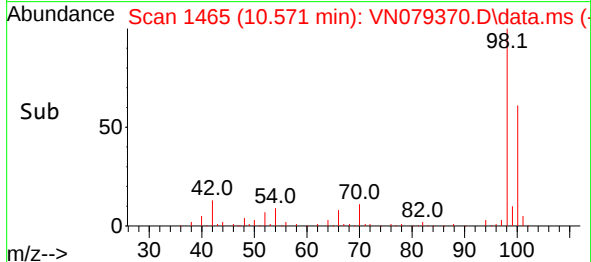
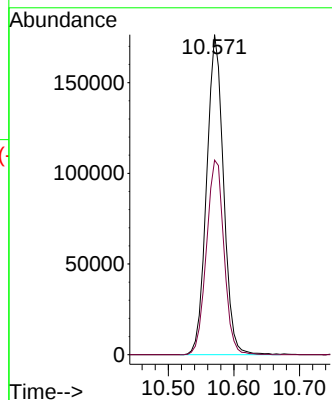
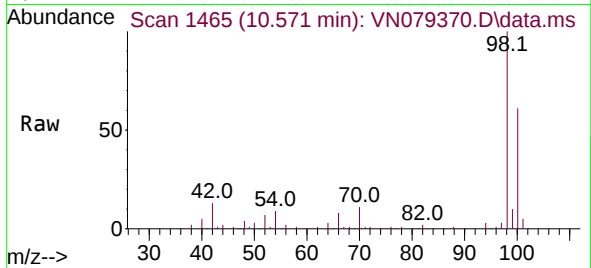




#50
Toluene-d8
Concen: 46.482 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

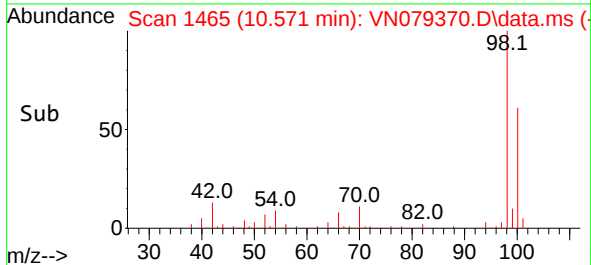
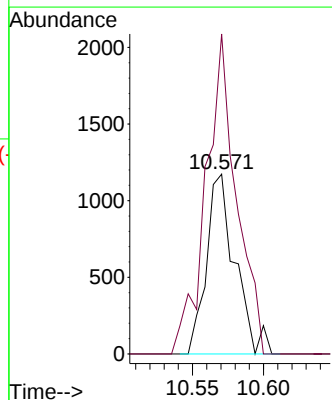
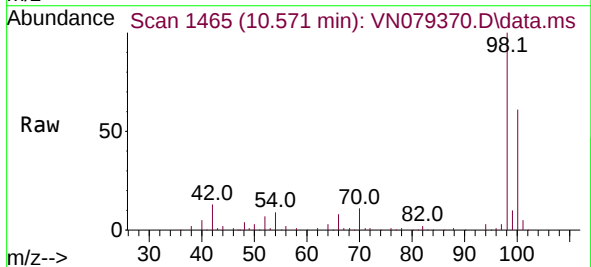
Instrument :
MSVOA_N
ClientSampleId :

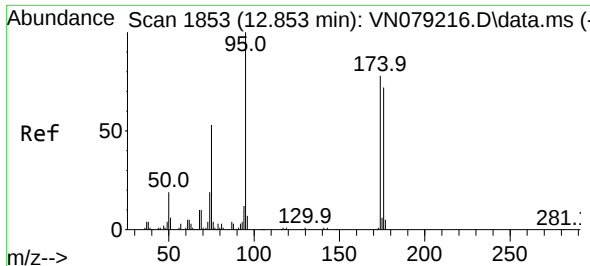
Tgt Ion: 98 Resp: 316327
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.118 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
58 190.8 36.6 54.8#

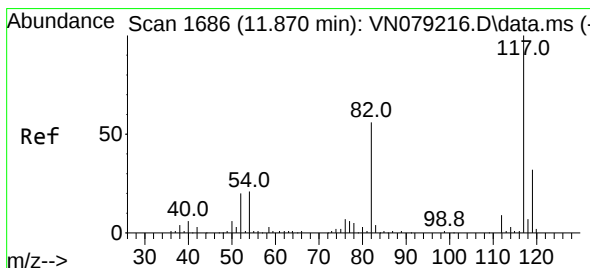
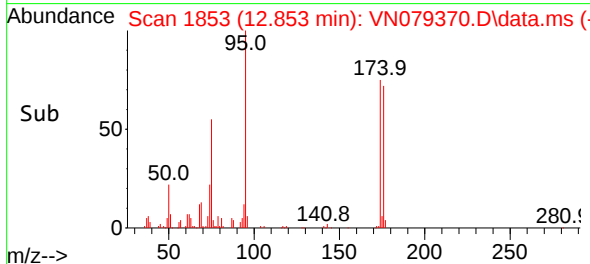
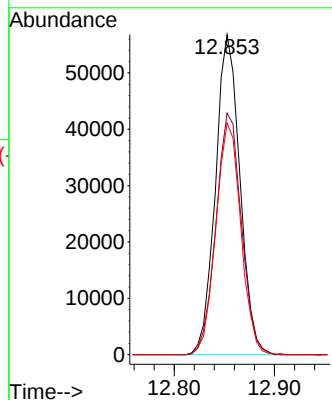
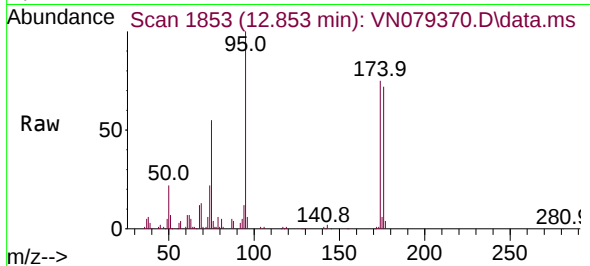




#62
4-Bromofluorobenzene
Concen: 44.224 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

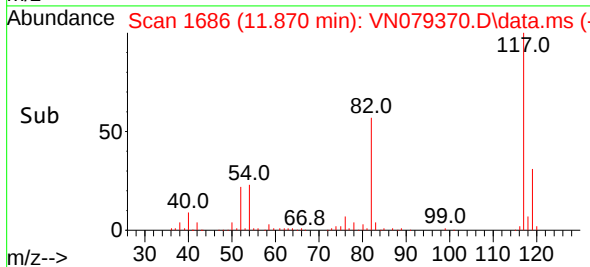
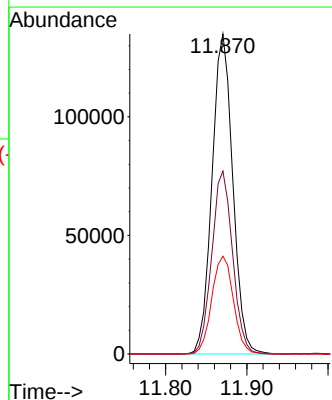
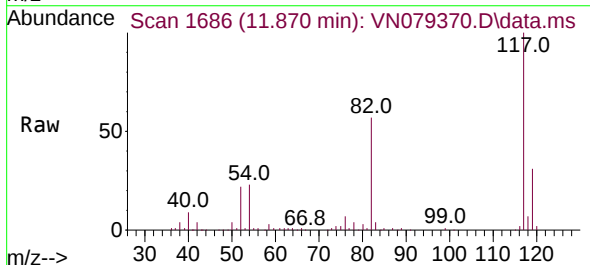
Instrument :
MSVOA_N
ClientSampleId :

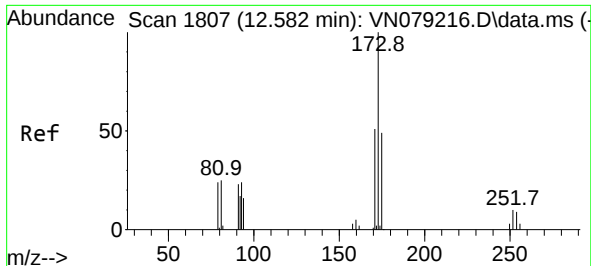
Tgt Ion: 95 Resp: 96000
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 74.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion: 117 Resp: 239584
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 30.6 25.6 38.4

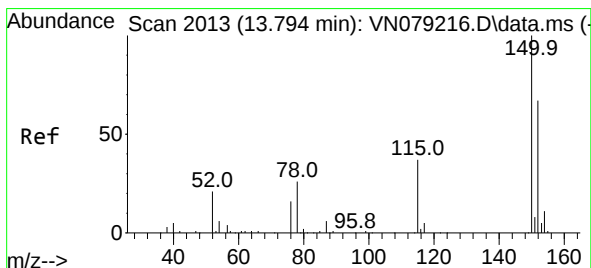
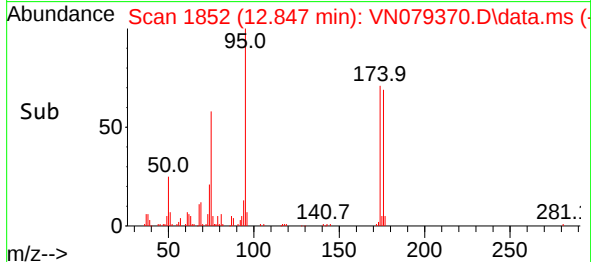
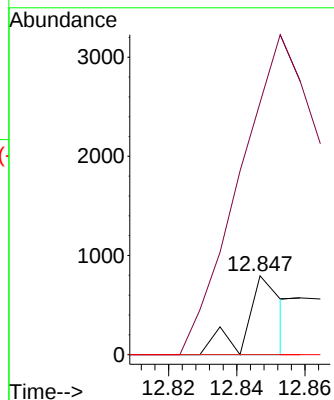
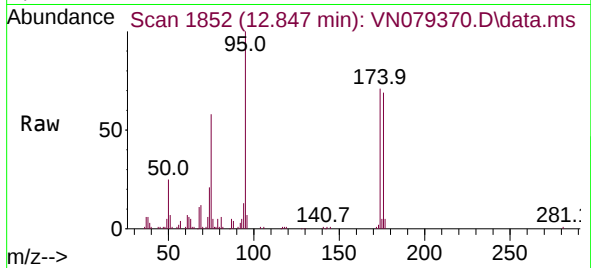




#71
Bromoform
Concen: 0.385 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

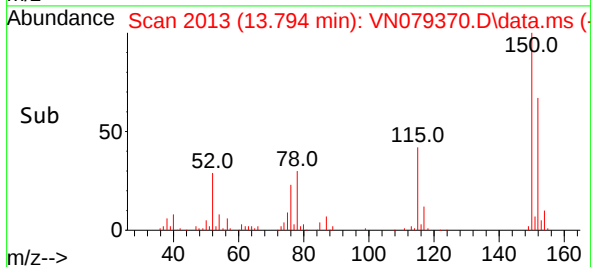
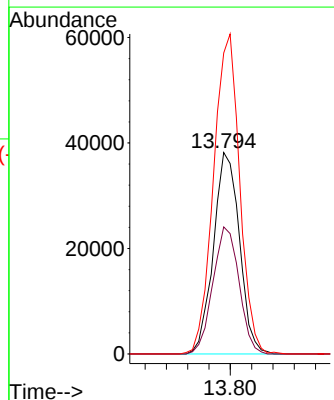
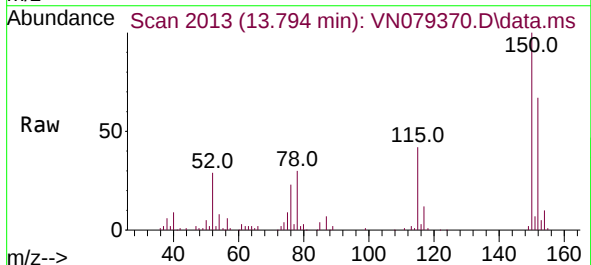
Instrument :
MSVOA_N
ClientSampleId :

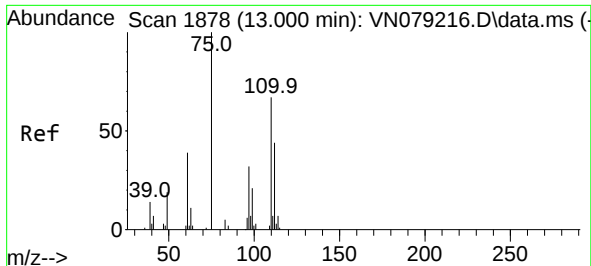
Tgt Ion:173 Resp: 578
Ion Ratio Lower Upper
173 100
175 724.2 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion:152 Resp: 64652
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 159.6 0.0 355.8

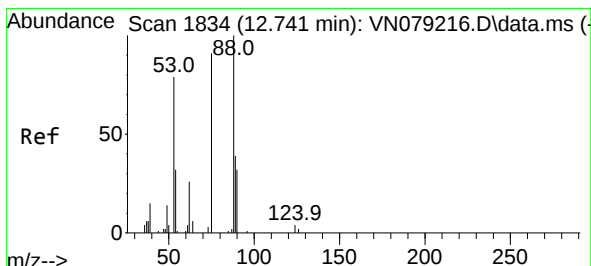
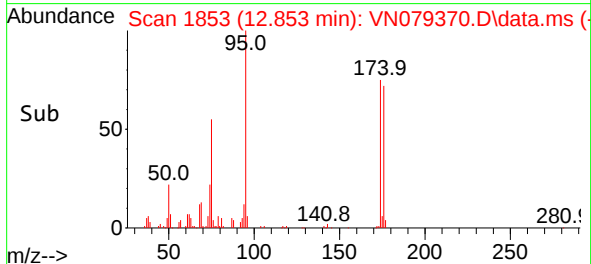
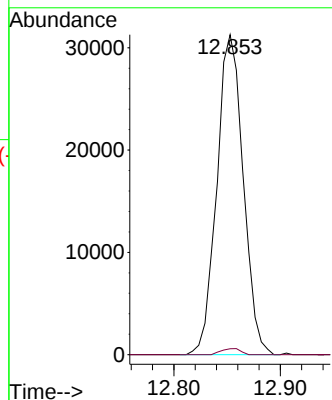
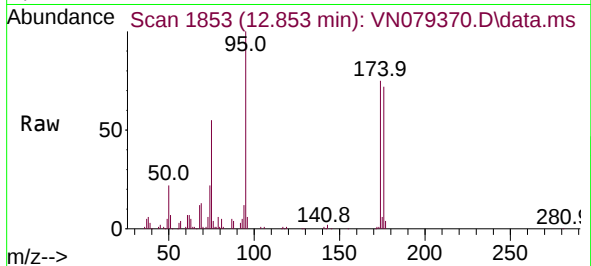




#76
1,2,3-Trichloropropane
Concen: 30.847 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 53750
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.806 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079370.D
Acq: 28 Sep 2023 13:39

Tgt Ion: 75 Resp: 53750
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

