

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078356.D
 Acq On : 22 Jun 2023 17:40
 Operator : JC\MD
 Sample : 03360-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CE-91-062023

Quant Time: Jun 23 08:03:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

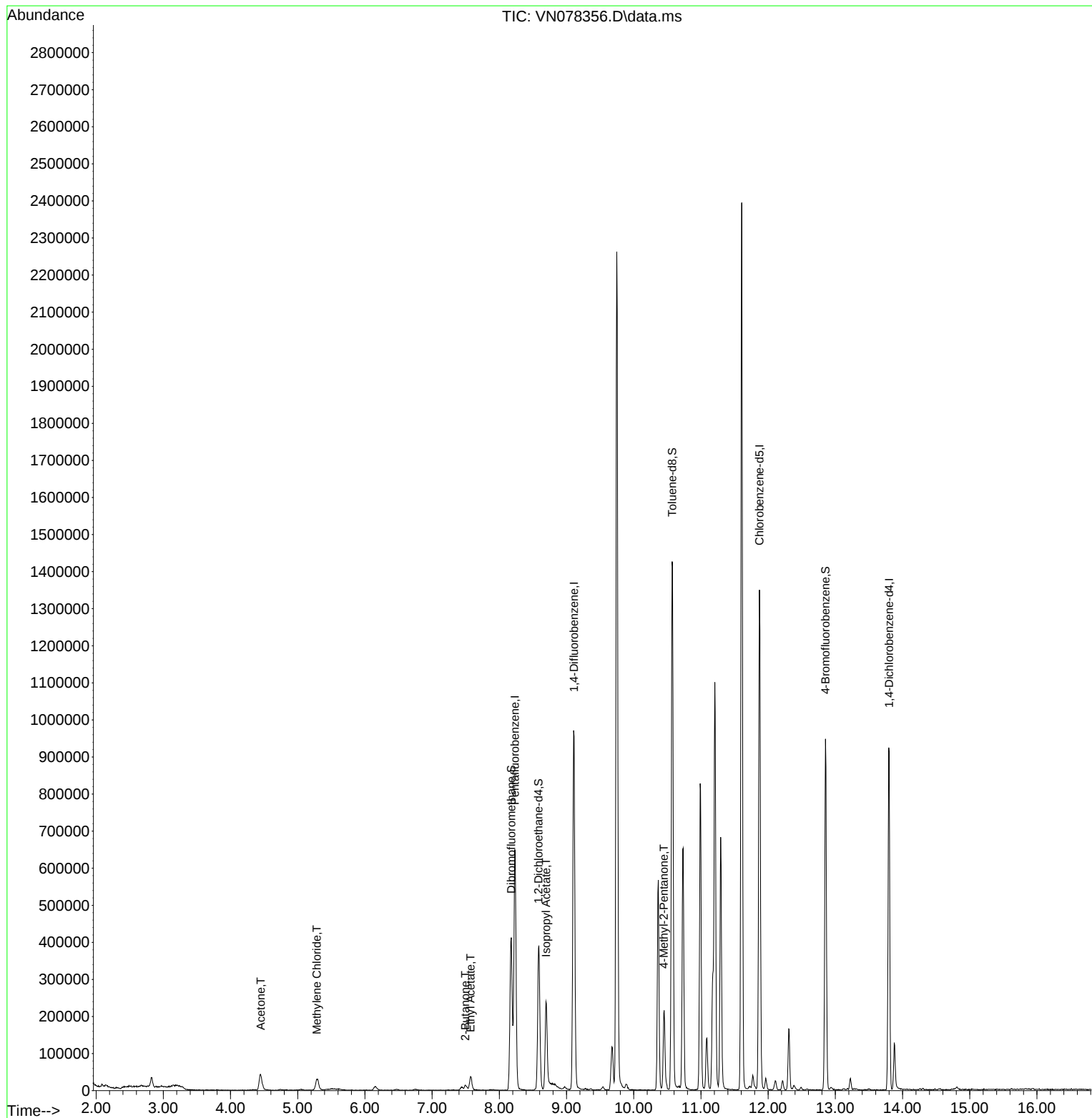
Internal Standards						
1) Pentafluorobenzene	8.230	168	461907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	872056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	809707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	248593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	322767	52.409	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	8.177	113	295590	53.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.220%			
50) Toluene-d8	10.571	98	1044530	49.139	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.280%			
62) 4-Bromofluorobenzene	12.853	95	328360	49.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.380%			
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	79853	45.046	ug/l	100
20) Methylene Chloride	5.283	84	25228	4.307	ug/l	92
25) 2-Butanone	7.494	43	20151	7.392	ug/l	99
37) Ethyl Acetate	7.571	43	54344	8.796	ug/l	97
43) Isopropyl Acetate	8.694	43	276781	23.424	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	147526	23.709	ug/l	89

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

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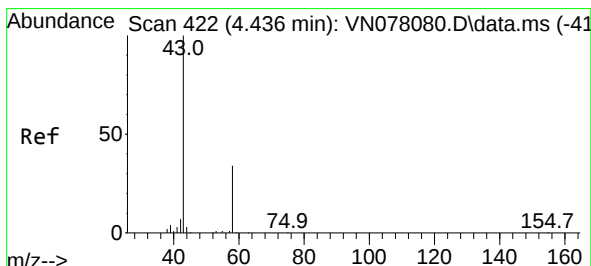
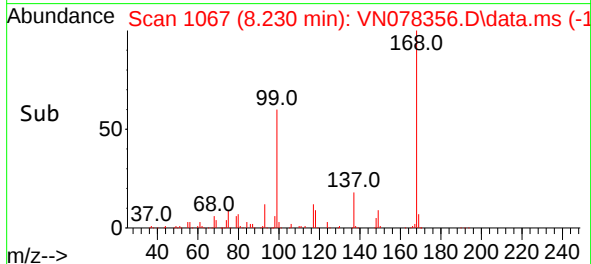
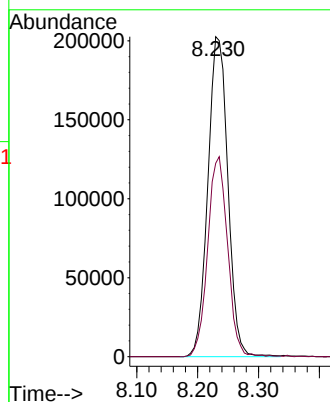
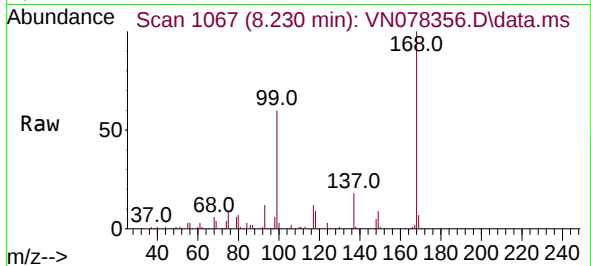




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

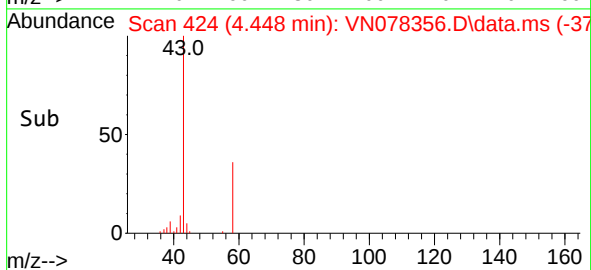
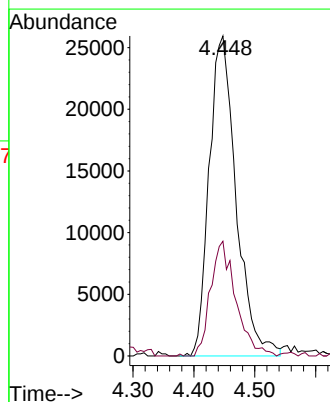
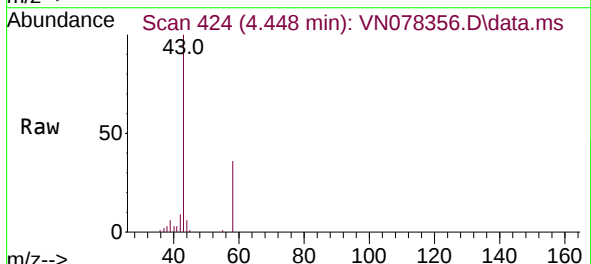
Instrument :
MSVOA_N
ClientSampleId :
CE-91-062023

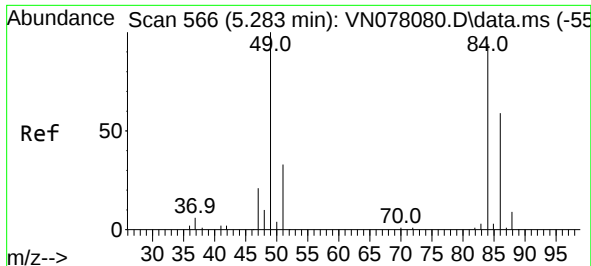
Tgt Ion:168 Resp: 461907
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#16
Acetone
Concen: 45.046 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

Tgt Ion: 43 Resp: 79853
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0

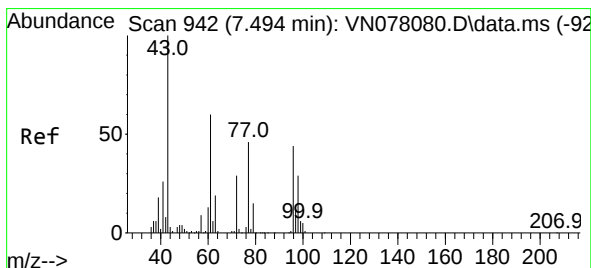
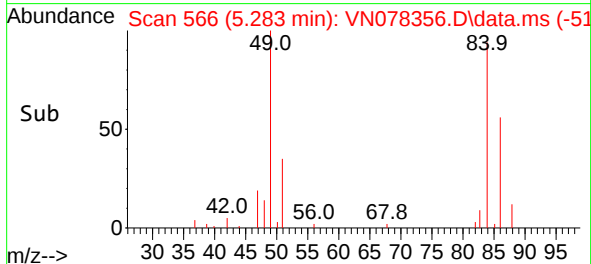
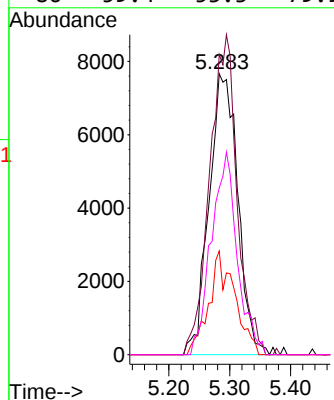
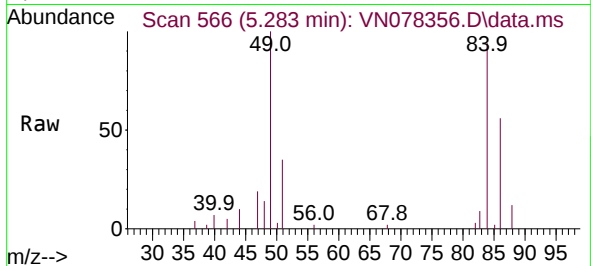




#20
Methylene Chloride
Concen: 4.307 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

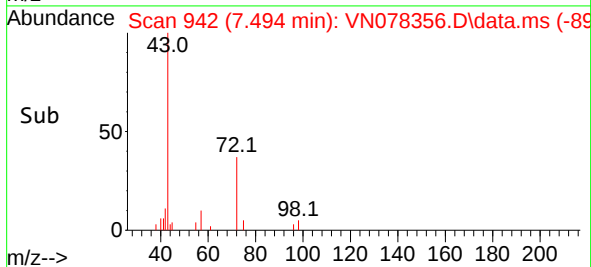
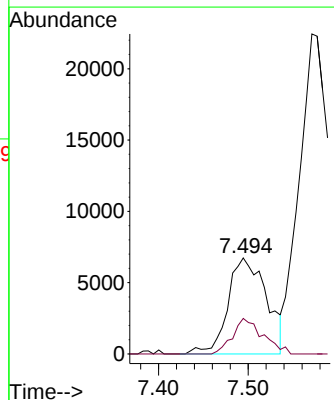
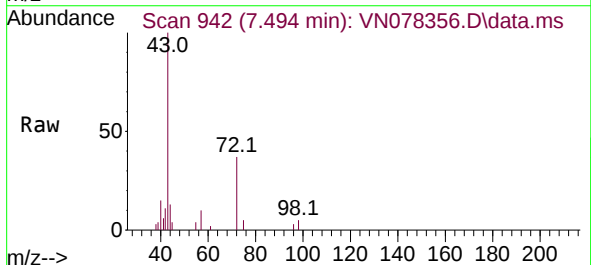
Instrument :
MSVOA_N
ClientSampleId :
CE-91-062023

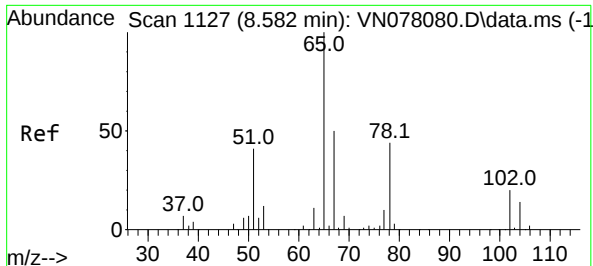
Tgt Ion:	84	Resp:	25228
Ion	Ratio	Lower	Upper
84	100		
49	106.9	79.7	119.5
51	36.9	25.2	37.8
86	59.4	53.3	79.9



#25
2-Butanone
Concen: 7.392 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

Tgt Ion:	43	Resp:	20151
Ion	Ratio	Lower	Upper
43	100		
72	37.0	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 52.409 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078356.D

Acq: 22 Jun 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

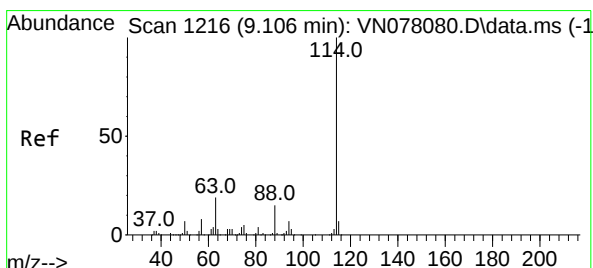
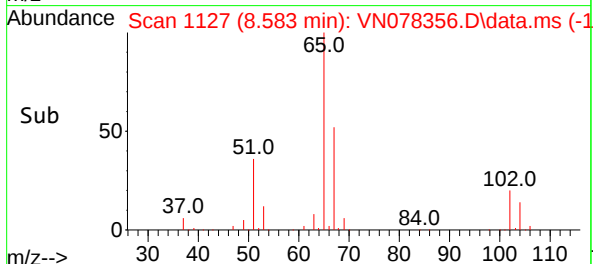
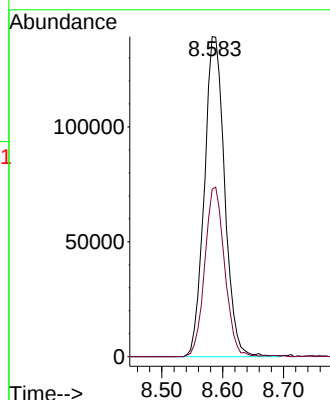
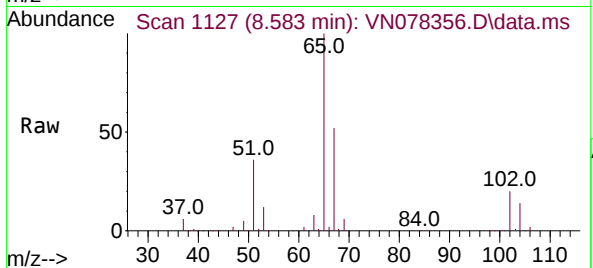
CE-91-062023

Tgt Ion: 65 Resp: 322767

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078356.D

Acq: 22 Jun 2023 17:40

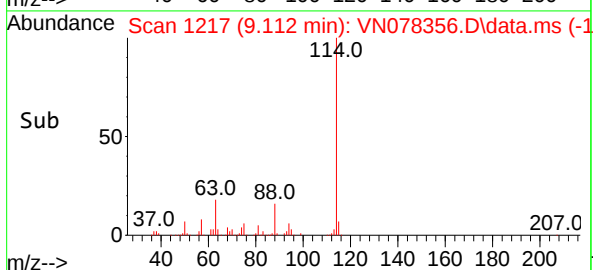
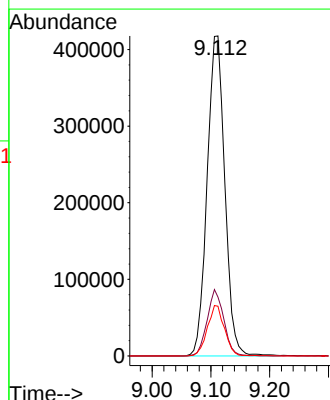
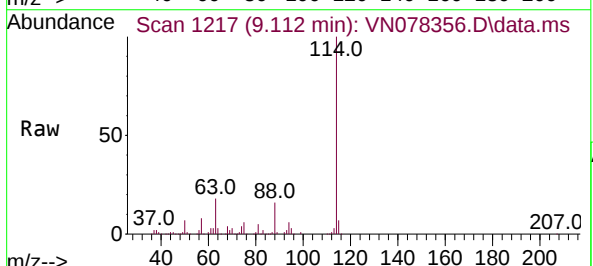
Tgt Ion: 114 Resp: 872056

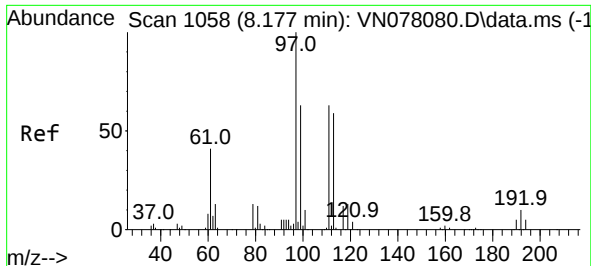
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.5 0.0 30.6

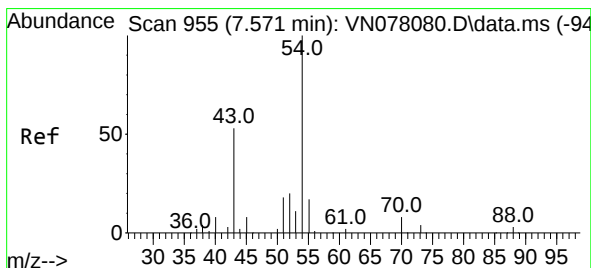
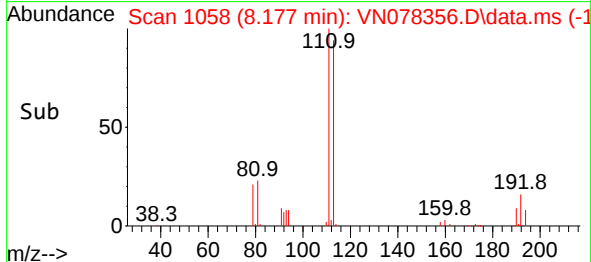
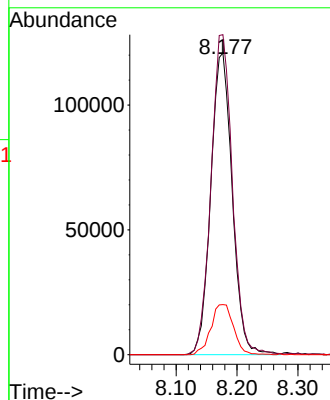
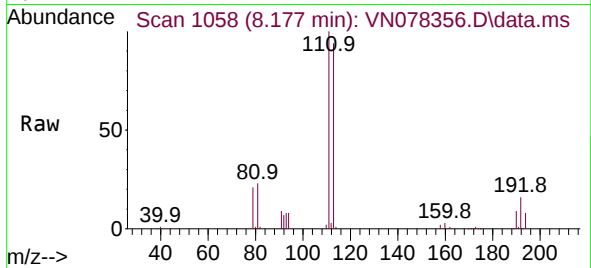




#35
Dibromofluoromethane
Concen: 53.608 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

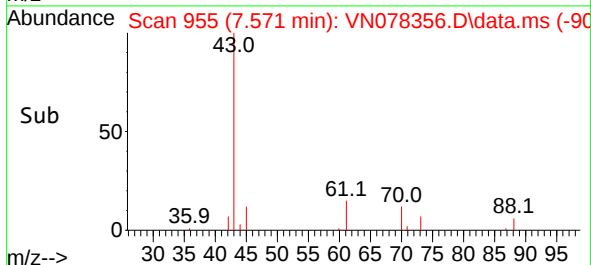
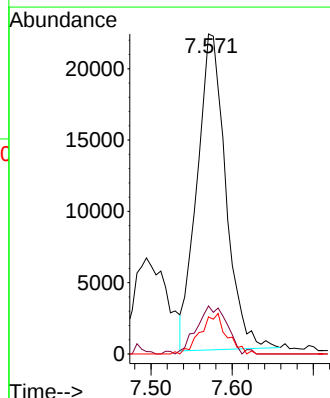
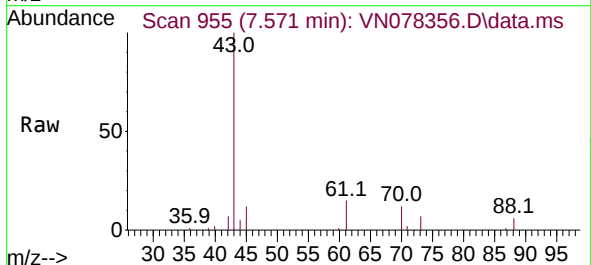
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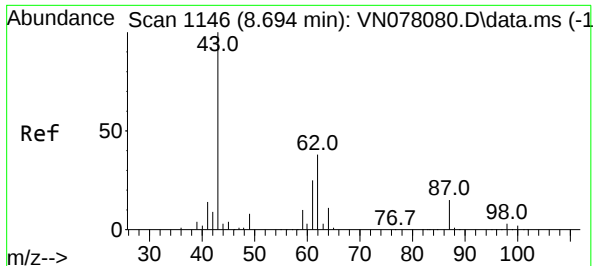
Tgt Ion:113 Resp: 295590
Ion Ratio Lower Upper
113 100
111 105.9 82.6 123.8
192 17.6 12.7 19.1



#37
Ethyl Acetate
Concen: 8.796 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

Tgt Ion: 43 Resp: 54344
Ion Ratio Lower Upper
43 100
61 16.5 13.2 19.8
70 11.7 11.3 16.9

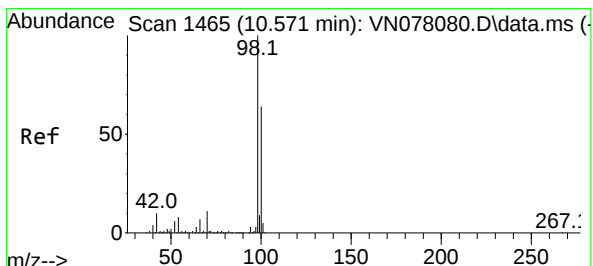
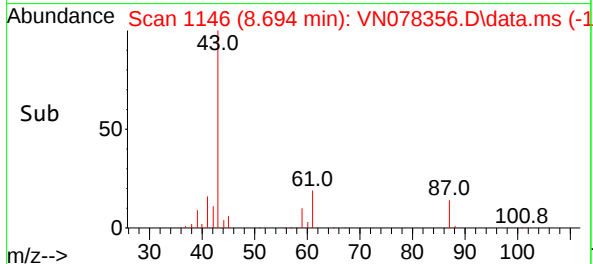
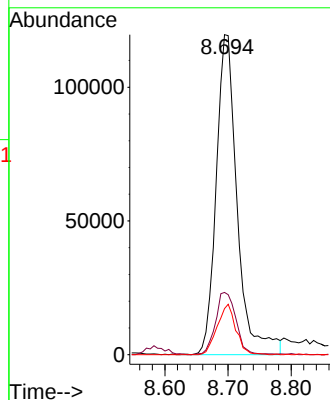
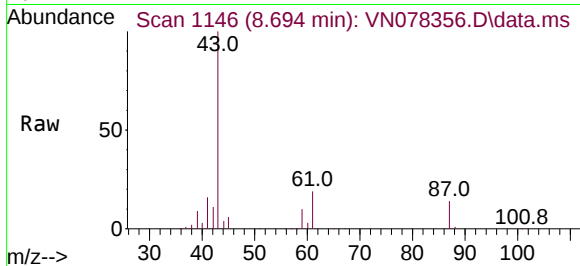




#43
Isopropyl Acetate
Concen: 23.424 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

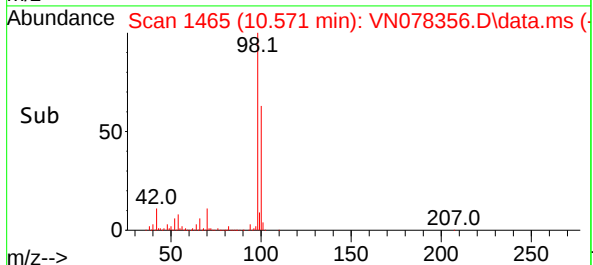
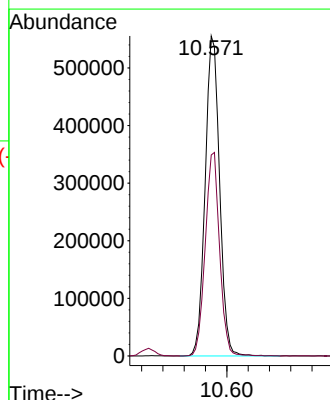
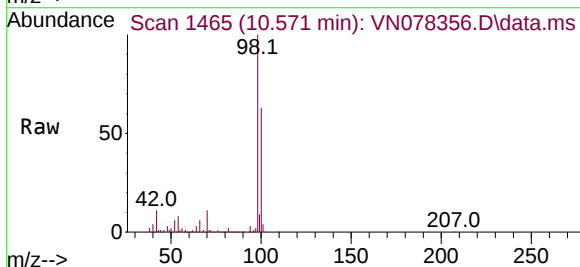
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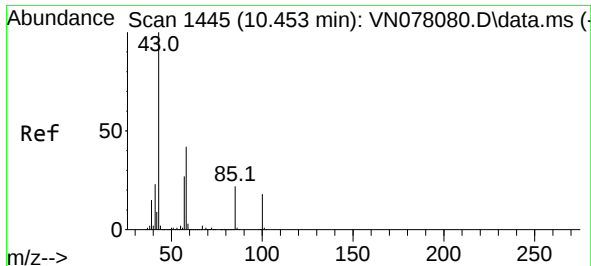
Tgt Ion: 43 Resp: 276781
Ion Ratio Lower Upper
43 100
61 19.0 24.7 37.1#
87 14.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.139 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

Tgt Ion: 98 Resp: 1044530
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

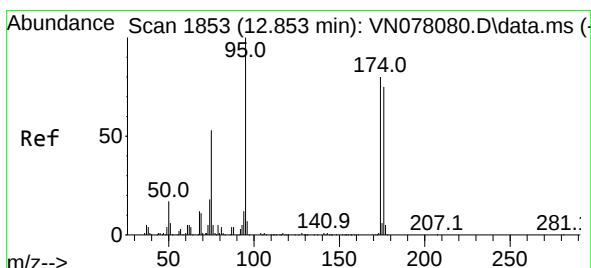
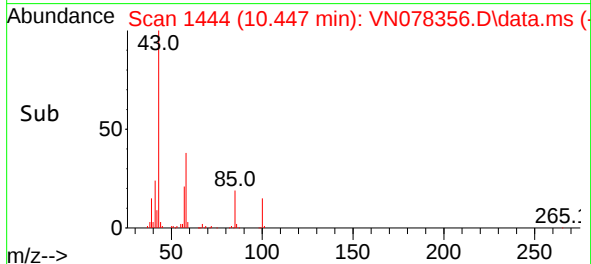
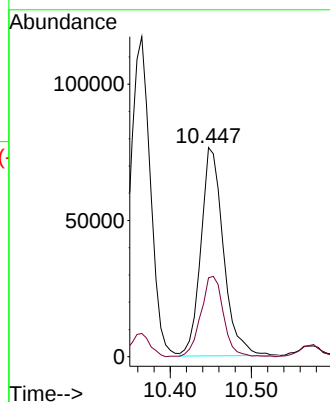
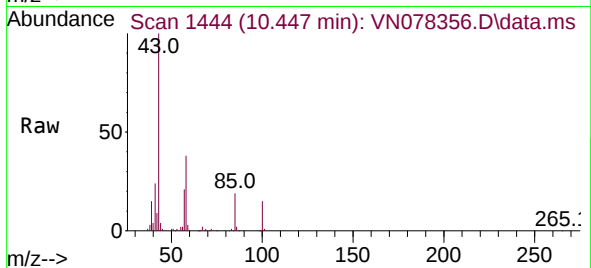




#51
4-Methyl-2-Pentanone
Concen: 23.709 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

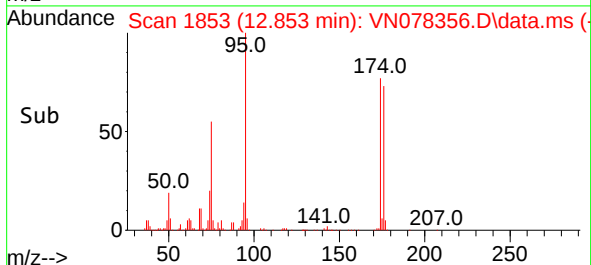
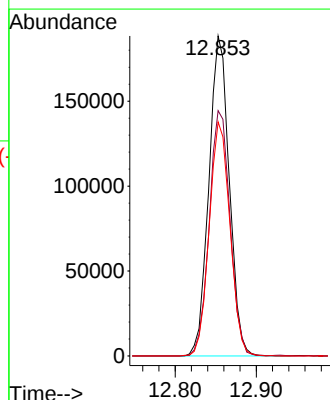
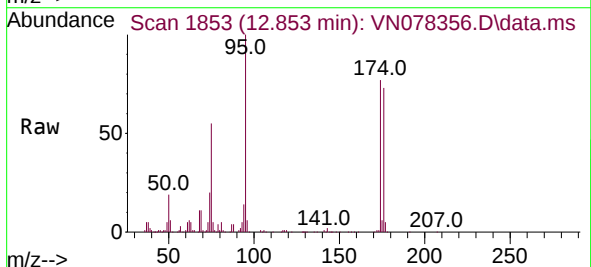
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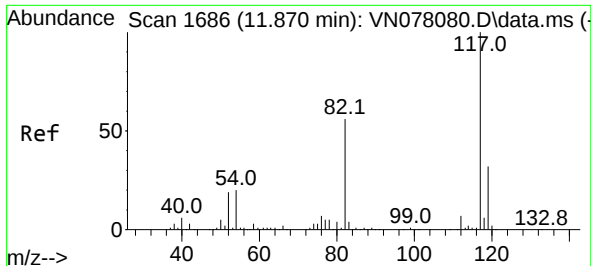
Tgt Ion: 43 Resp: 147526
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 49.690 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

Tgt Ion: 95 Resp: 328360
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 74.2 0.0 135.8

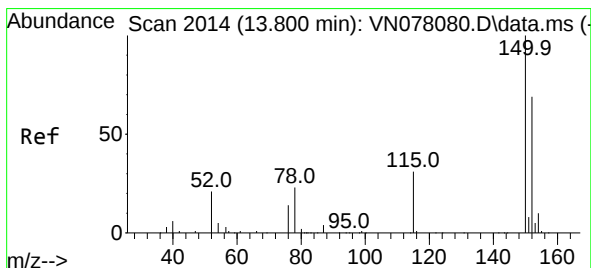
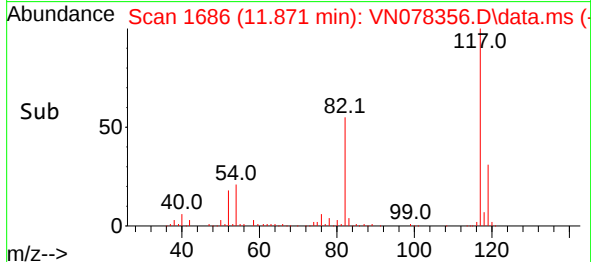
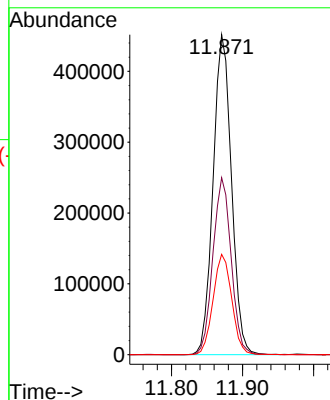
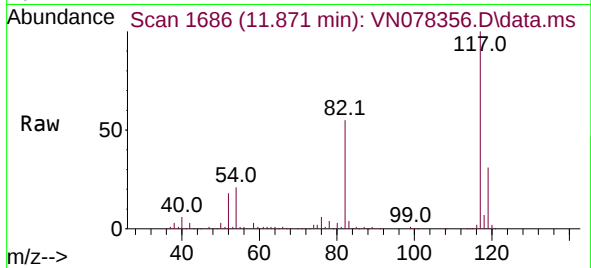




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
CE-91-062023

Tgt Ion:117 Resp: 809707
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078356.D
Acq: 22 Jun 2023 17:40

Tgt Ion:152 Resp: 248593
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 160.0 0.0 355.8

