

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078560.D
 Acq On : 18 Jul 2023 14:50
 Operator : JC\MD
 Sample : 03625-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200018

Quant Time: Jul 19 01:50:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

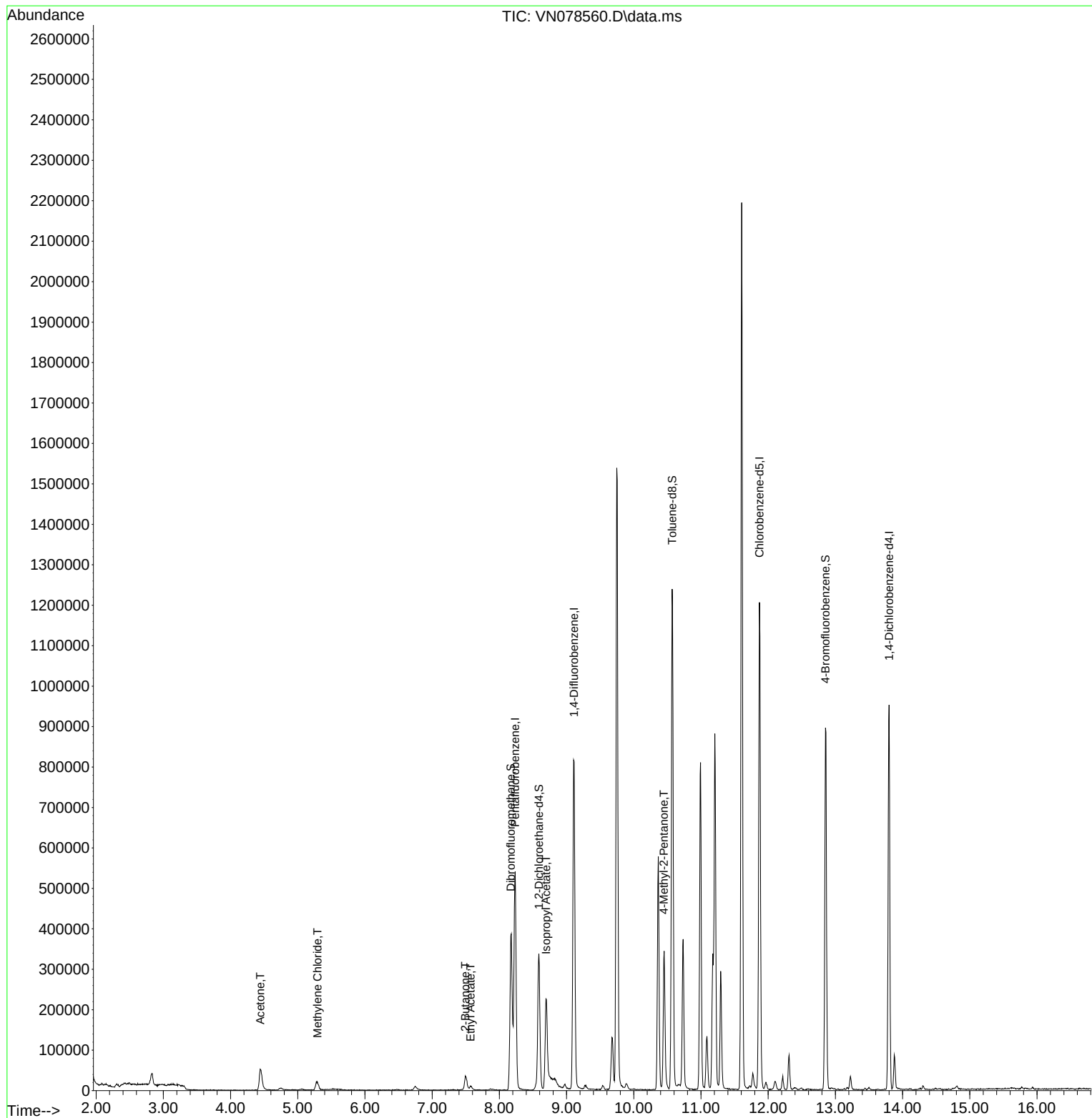
Internal Standards						
1) Pentafluorobenzene	8.235	168	402410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	739667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	720444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	268308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	271352	50.299	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.600%		
35) Dibromofluoromethane	8.171	113	275855	54.939	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.880%		
50) Toluene-d8	10.571	98	894809	47.174	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.340%		
62) 4-Bromofluorobenzene	12.853	95	316889	54.238	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.480%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	97084	57.772	ug/l	94
20) Methylene Chloride	5.294	84	17188	2.402	ug/l	92
25) 2-Butanone	7.494	43	55959	21.154	ug/l #	83
37) Ethyl Acetate	7.571	43	16385	2.711	ug/l #	91
43) Isopropyl Acetate	8.694	43	279660	28.106	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	229437	38.766	ug/l	92

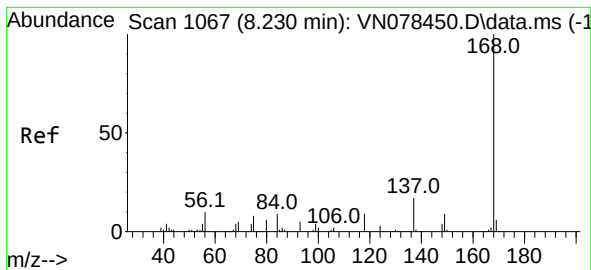
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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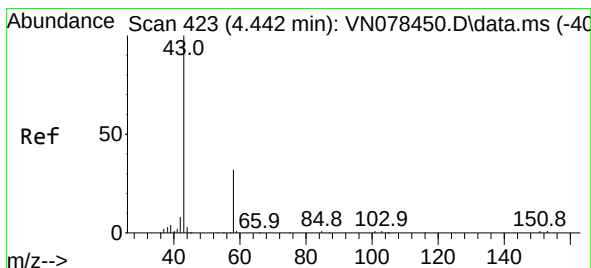
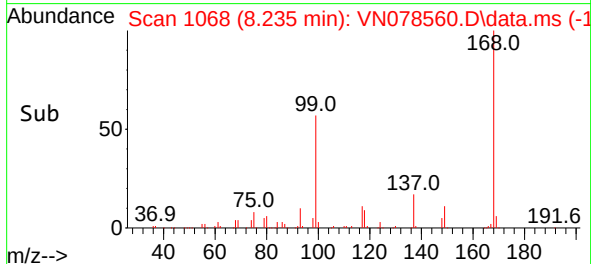
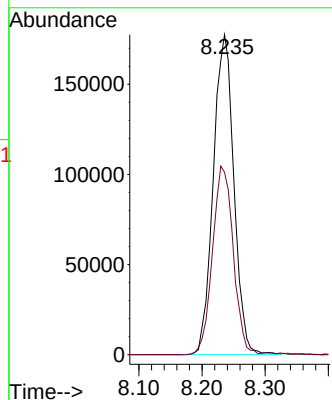
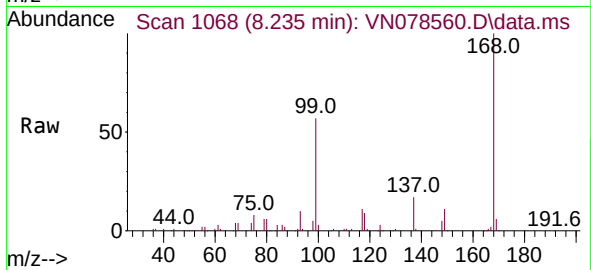




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

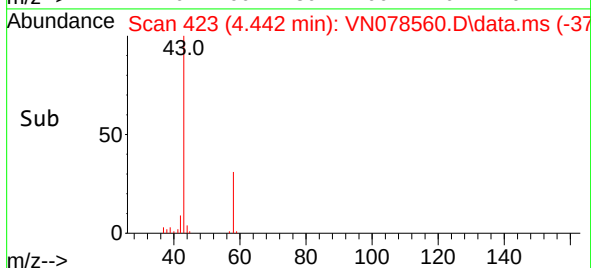
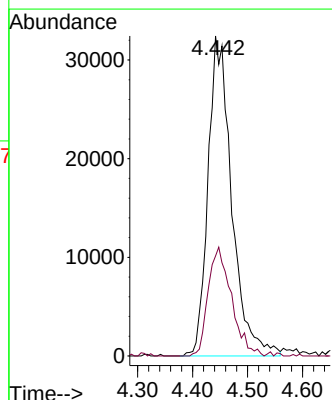
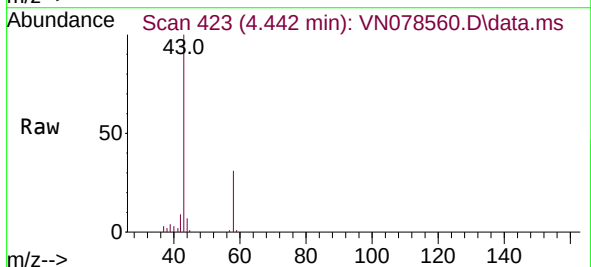
Instrument :
MSVOA_N
ClientSampleId :
RBR200018

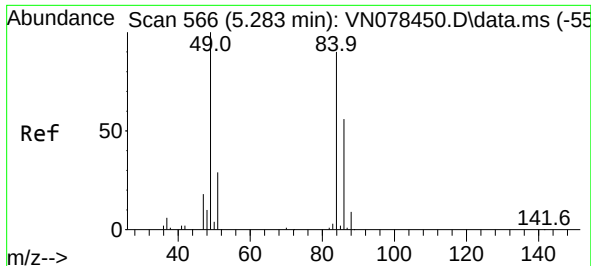
Tgt Ion:168 Resp: 402410
Ion Ratio Lower Upper
168 100
99 57.0 53.0 79.6



#16
Acetone
Concen: 57.772 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

Tgt Ion: 43 Resp: 97084
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0

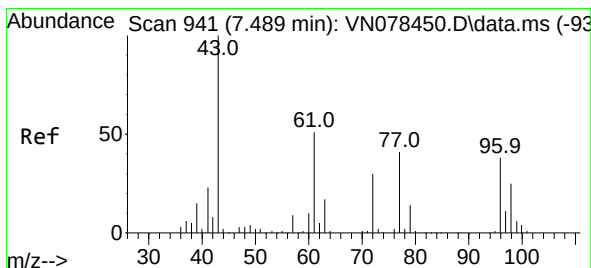
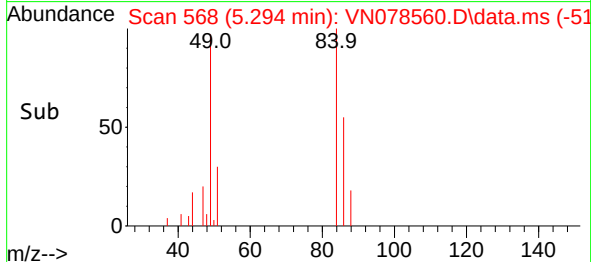
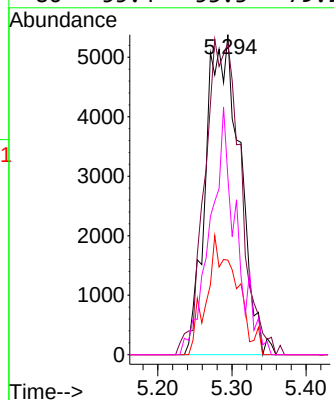
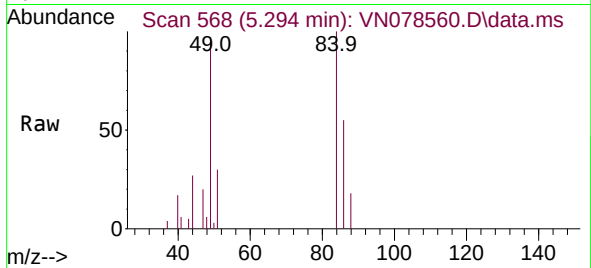




#20
Methylene Chloride
Concen: 2.402 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

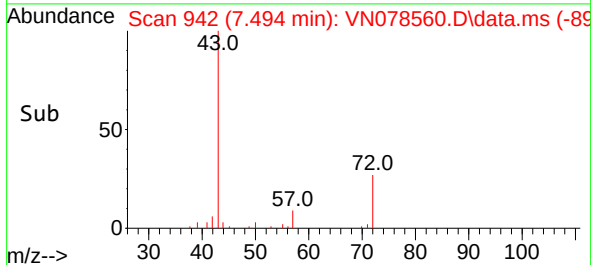
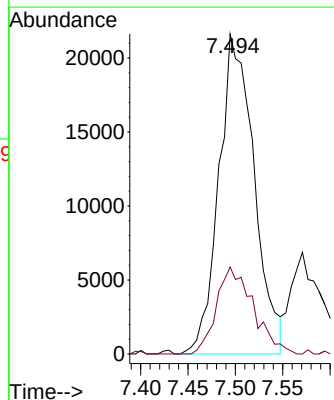
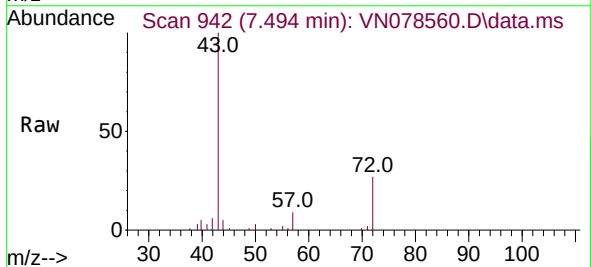
Instrument :
MSVOA_N
ClientSampleId :
RBR200018

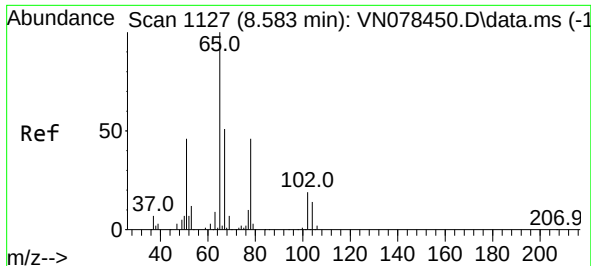
Tgt Ion:	84	Resp:	17188
Ion	Ratio	Lower	Upper
84	100		
49	94.4	79.7	119.5
51	29.6	25.2	37.8
86	55.4	53.3	79.9



#25
2-Butanone
Concen: 21.154 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

Tgt Ion:	43	Resp:	55959
Ion	Ratio	Lower	Upper
43	100		
72	27.5	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 50.299 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078560.D

Acq: 18 Jul 2023 14:50

Instrument :

MSVOA_N

ClientSampleId :

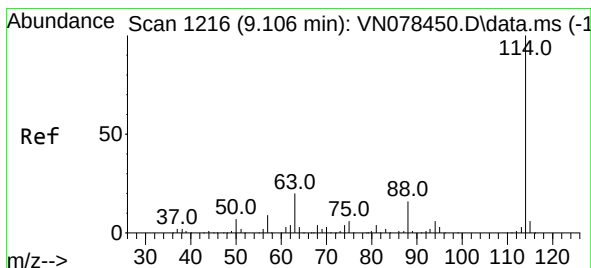
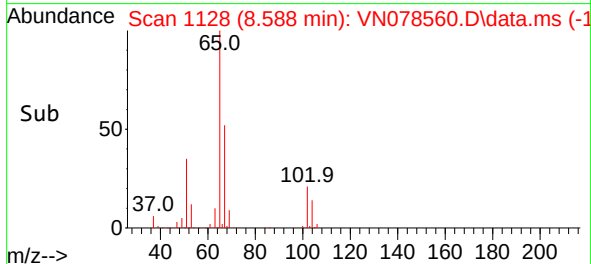
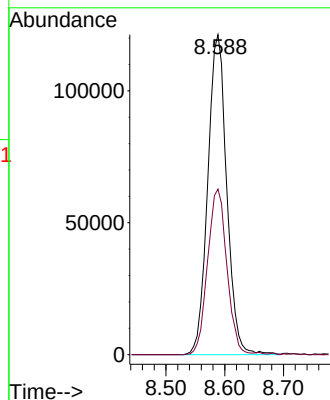
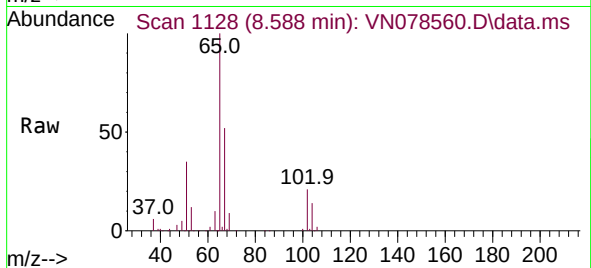
RBR200018

Tgt Ion: 65 Resp: 271352

Ion Ratio Lower Upper

65 100

67 52.6 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: VN078560.D

Acq: 18 Jul 2023 14:50

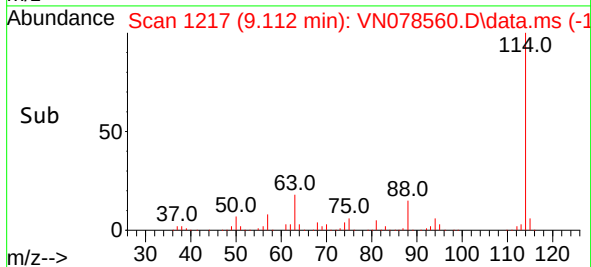
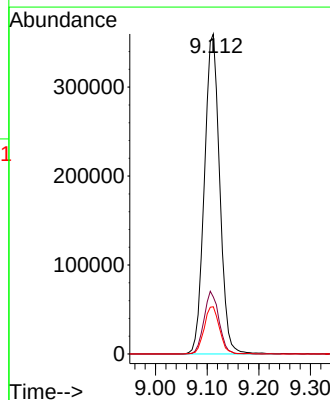
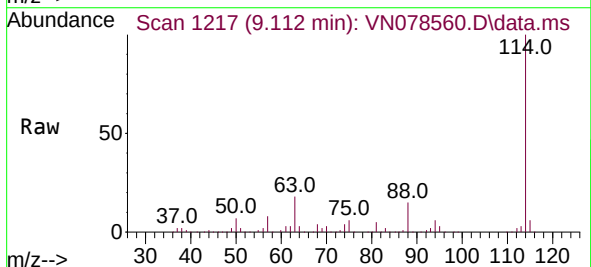
Tgt Ion: 114 Resp: 739667

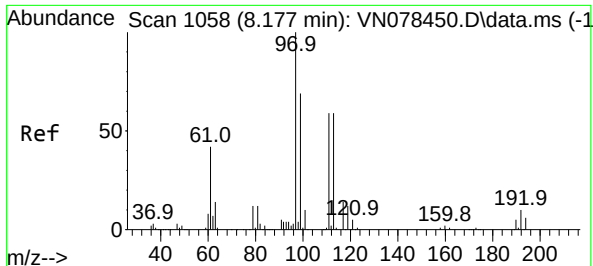
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.939 ug/l

RT: 8.171 min Scan# 113

Delta R.T. -0.006 min

Lab File: VN078560.D

Acq: 18 Jul 2023 14:50

Instrument :

MSVOA_N

ClientSampleId :

RBR200018

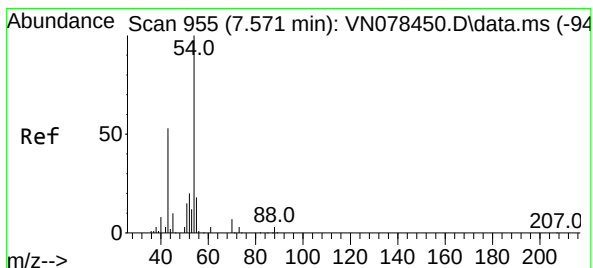
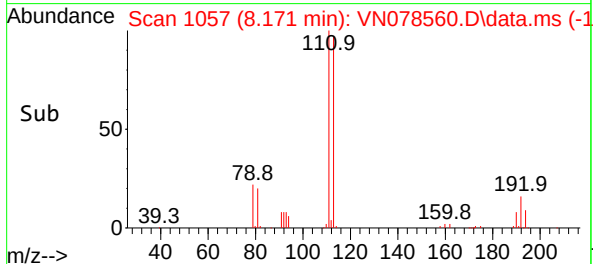
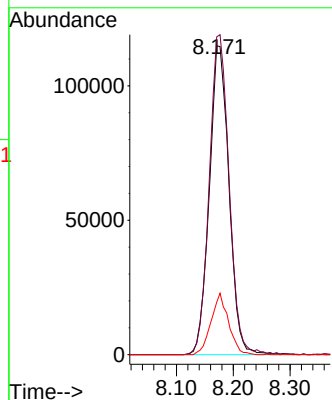
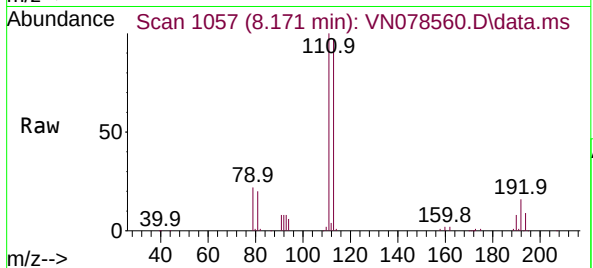
Tgt Ion:113 Resp: 275855

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.7 12.7 19.1



#37

Ethyl Acetate

Concen: 2.711 ug/l

RT: 7.571 min Scan# 955

Delta R.T. -0.000 min

Lab File: VN078560.D

Acq: 18 Jul 2023 14:50

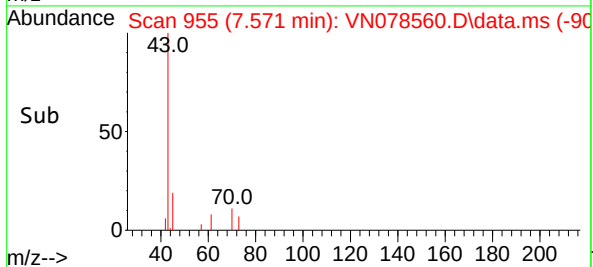
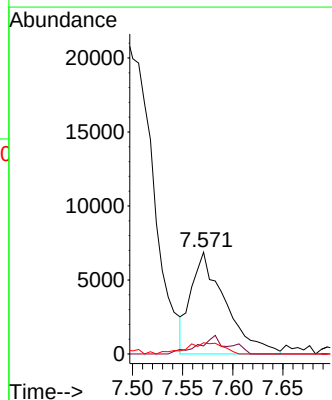
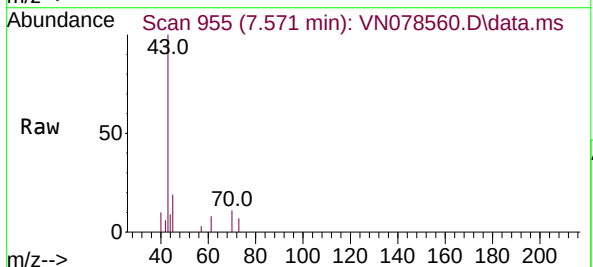
Tgt Ion: 43 Resp: 16385

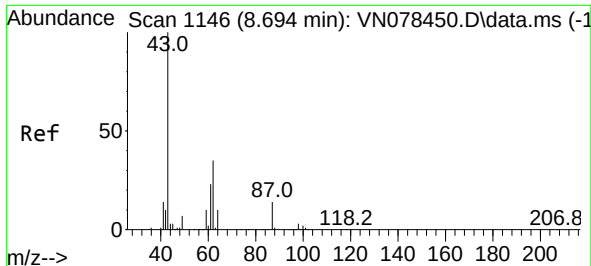
Ion Ratio Lower Upper

43 100

61 11.8 13.2 19.8#

70 11.8 11.3 16.9

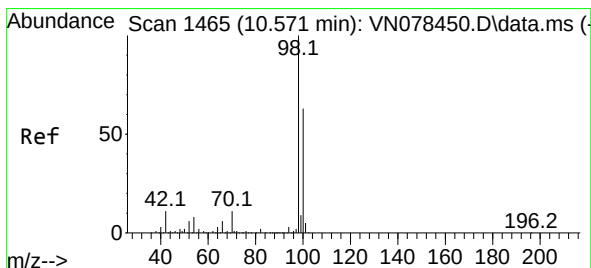
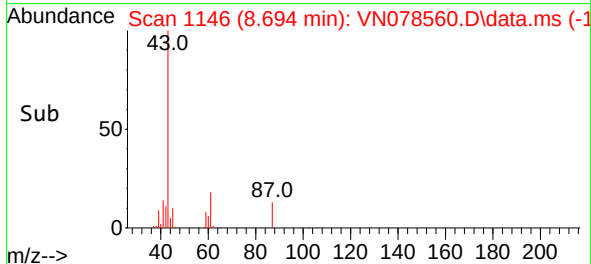
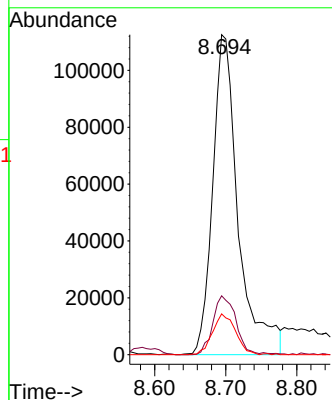
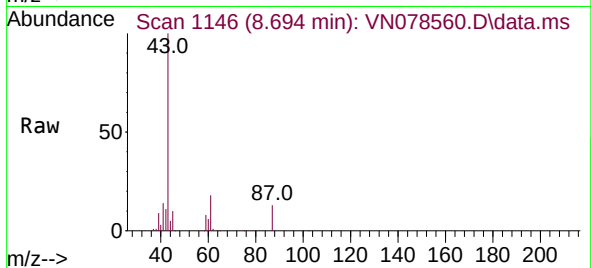




#43
Isopropyl Acetate
Concen: 28.106 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

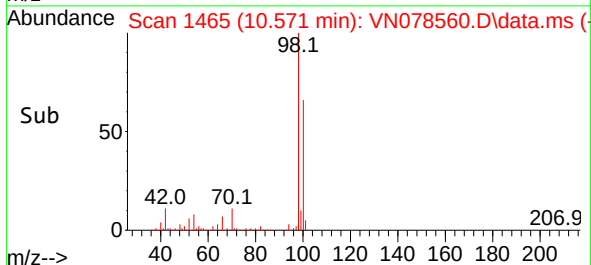
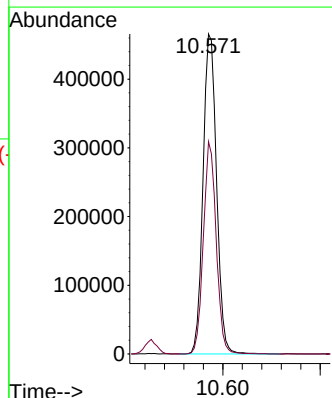
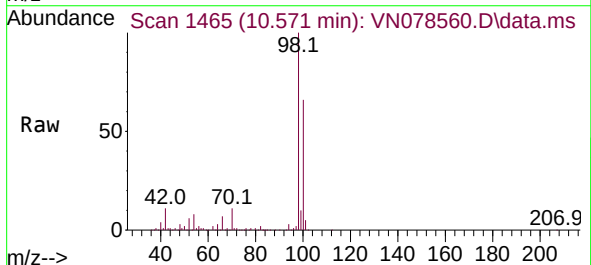
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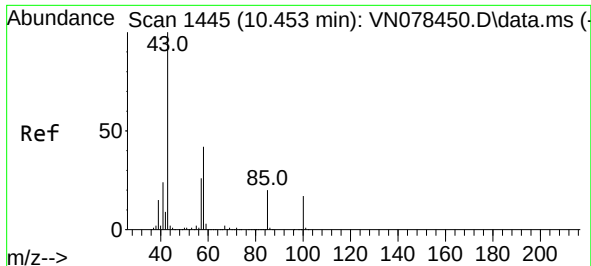
Tgt Ion: 43 Resp: 279660
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 11.5 14.6 21.8#



#50
Toluene-d8
Concen: 47.174 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

Tgt Ion: 98 Resp: 894809
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

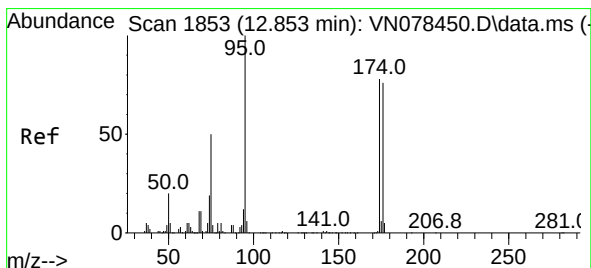
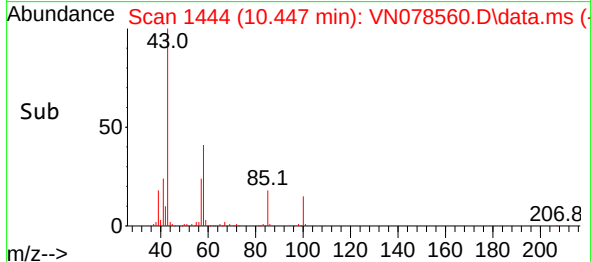
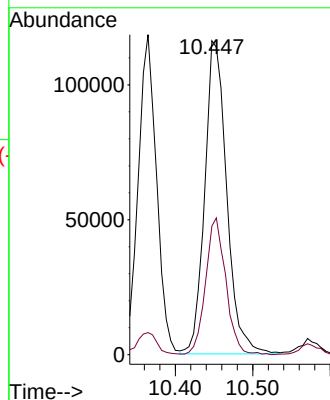
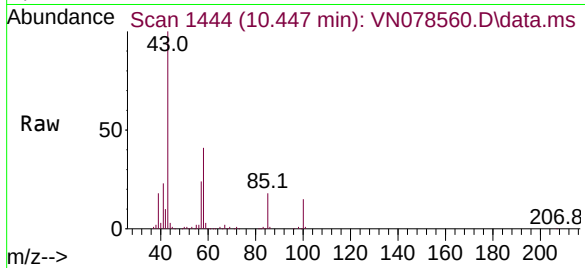




#51
4-Methyl-2-Pentanone
Concen: 38.766 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

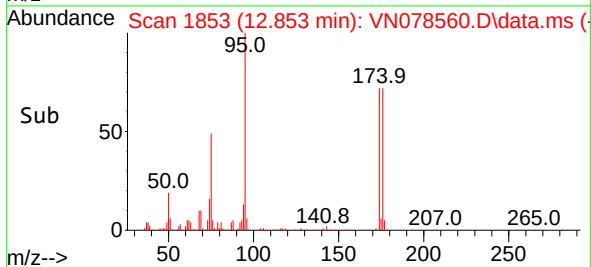
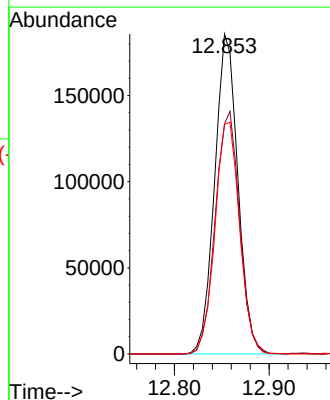
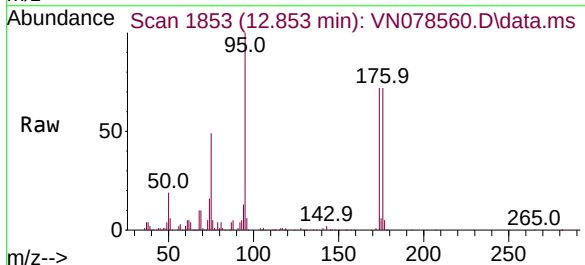
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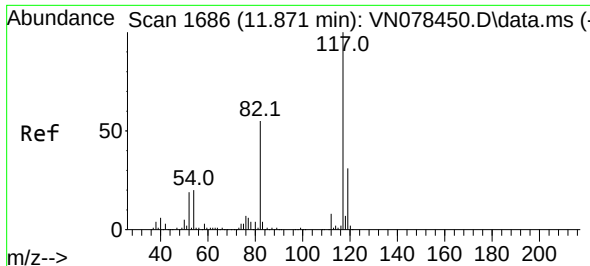
Tgt Ion: 43 Resp: 229437
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 54.238 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

Tgt Ion: 95 Resp: 316889
Ion Ratio Lower Upper
95 100
174 79.5 0.0 143.8
176 76.8 0.0 135.8

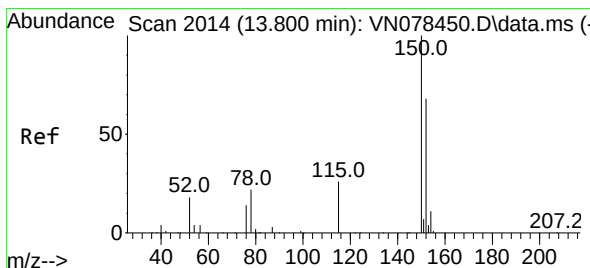
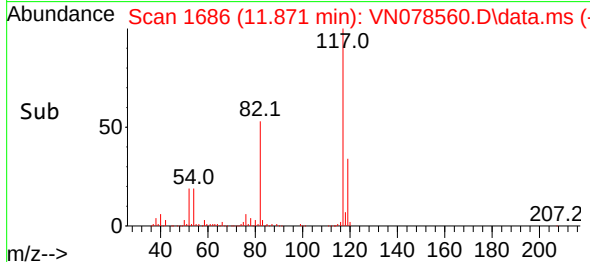
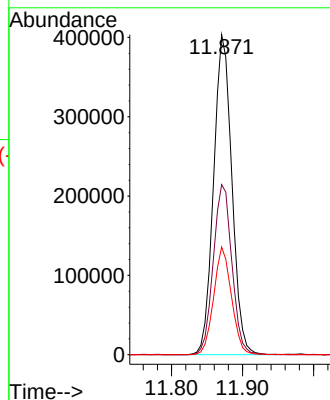
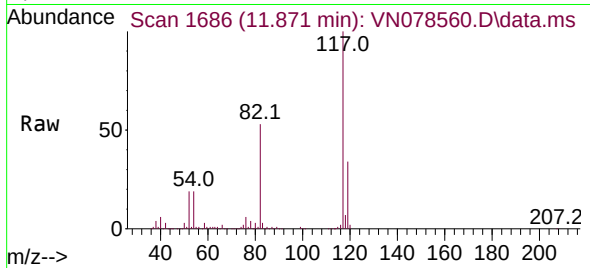




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078560.D
Acq: 18 Jul 2023 14:50

Instrument :
MSVOA_N
ClientSampleId :
RBR200018

Tgt Ion:117 Resp: 720444
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 33.6 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: VN078560.D
Acq: 18 Jul 2023 14:50

Tgt Ion:152 Resp: 268308
Ion Ratio Lower Upper
152 100
115 59.6 32.3 96.8
150 155.3 0.0 355.8

