

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078707.D
 Acq On : 31 Jul 2023 15:59
 Operator : JC\MD
 Sample : 03813-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PLAUDERVILLE-2

Quant Time: Aug 01 01:19:18 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)

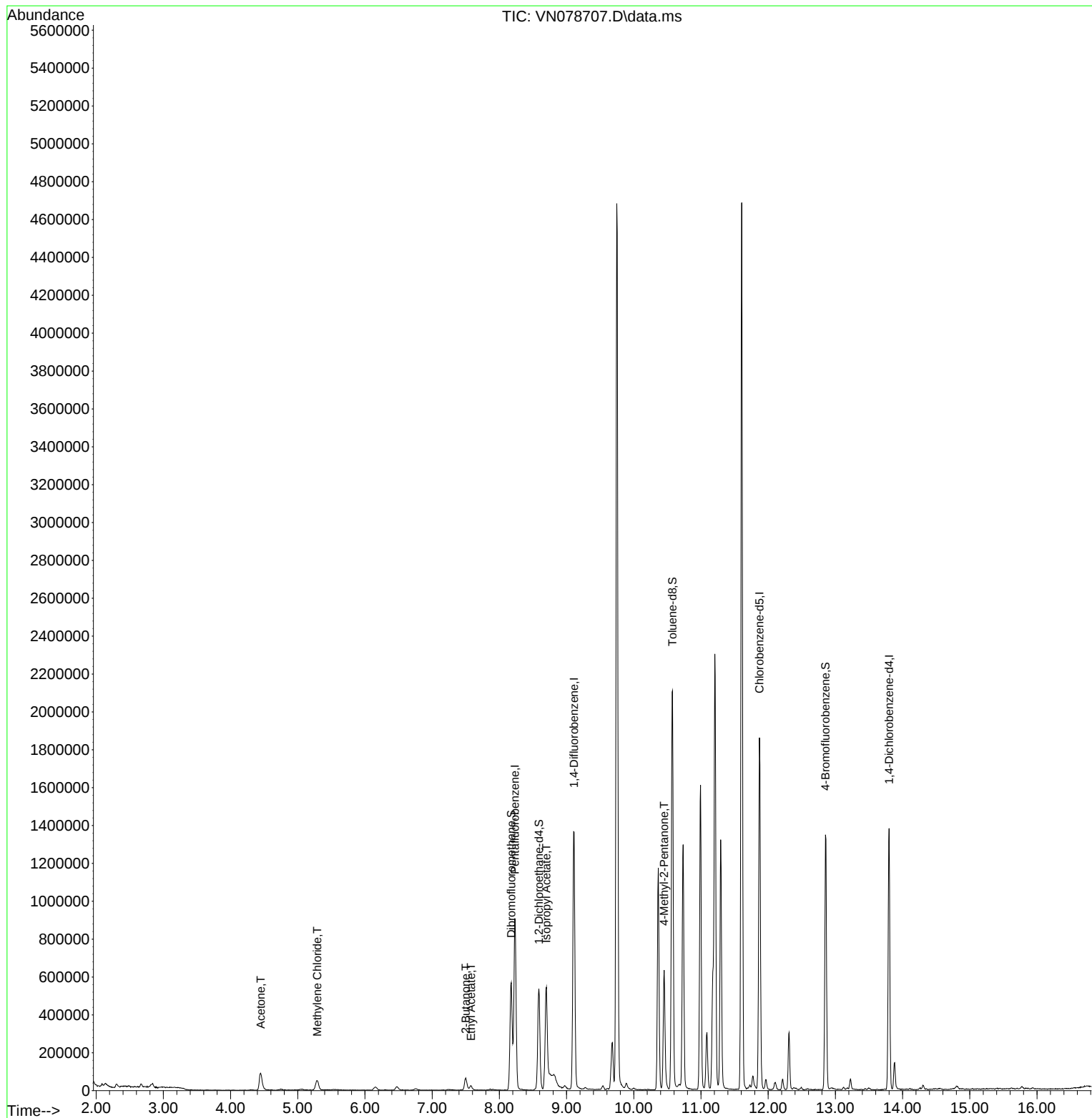
Internal Standards						
1) Pentafluorobenzene	8.230	168	678448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1246656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1135431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	389156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	450387	49.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.040%
35) Dibromofluoromethane	8.177	113	421488	49.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	10.576	98	1557517	48.719	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.853	95	512715	52.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.140%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	171039	60.370	ug/l	94
20) Methylene Chloride	5.289	84	43802	4.272	ug/l	95
25) 2-Butanone	7.500	43	99974	22.417	ug/l	89
37) Ethyl Acetate	7.577	43	35533	3.488	ug/l #	94
43) Isopropyl Acetate	8.700	43	681919	40.662	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	431953	43.303	ug/l	94

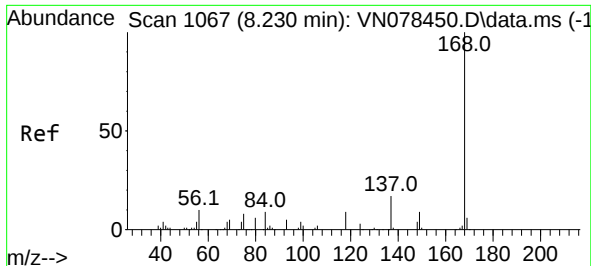
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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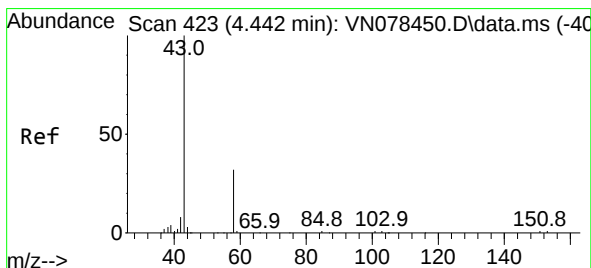
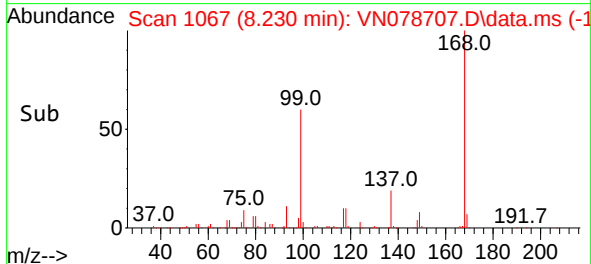
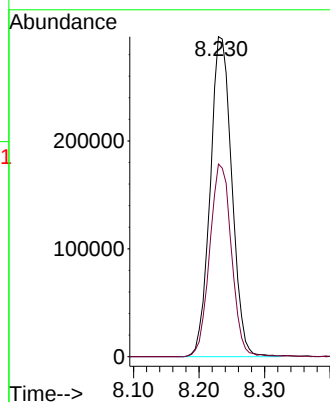
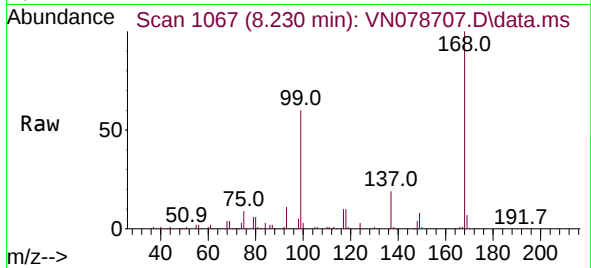




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

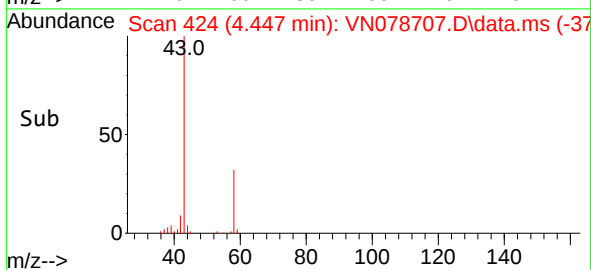
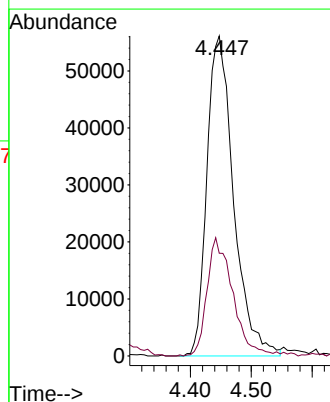
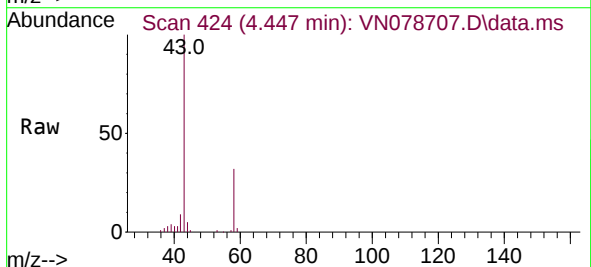
Instrument :
MSVOA_N
ClientSampleId :
PLAUDERVILLE-2

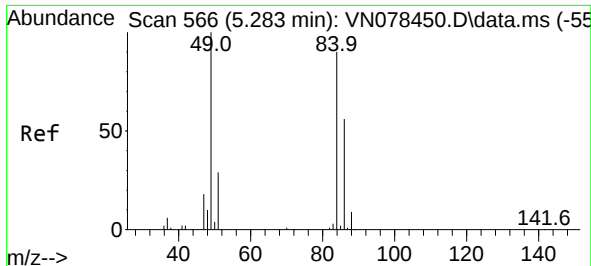
Tgt Ion:168 Resp: 678448
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 60.370 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 43 Resp: 171039
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

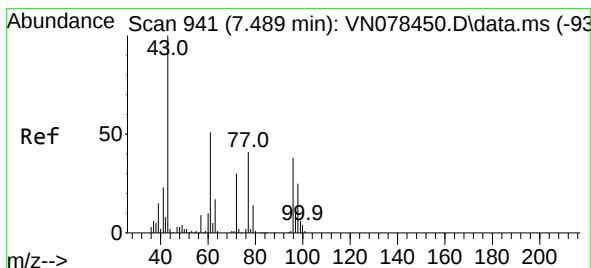
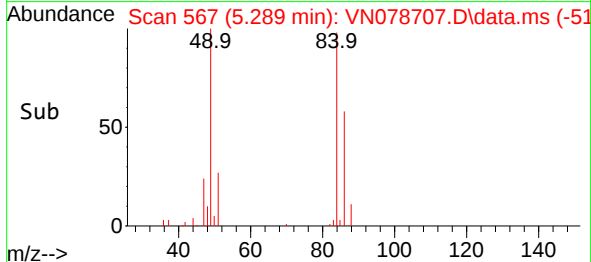
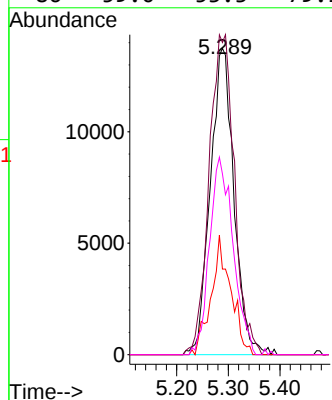
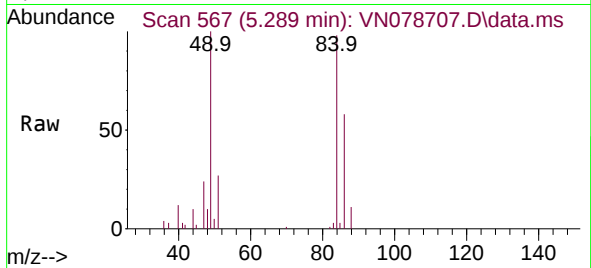




#20
Methylene Chloride
Concen: 4.272 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

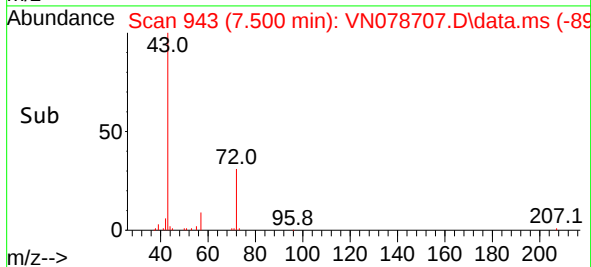
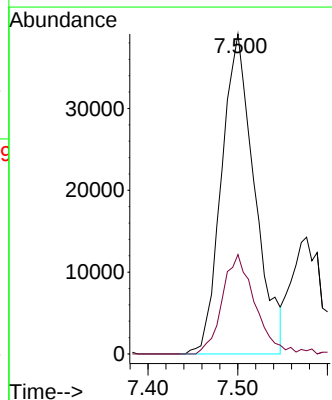
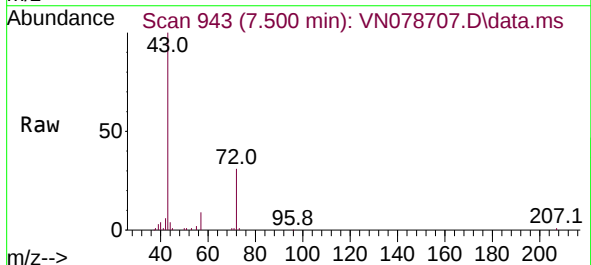
Instrument :
MSVOA_N
ClientSampleId :
PLAUDERVILLE-2

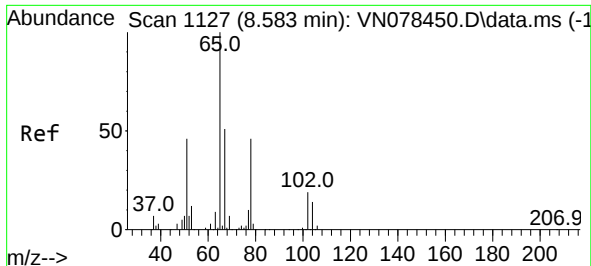
Tgt Ion:	84	Resp:	43802
Ion	Ratio	Lower	Upper
84	100		
49	101.9	79.7	119.5
51	27.9	25.2	37.8
86	59.0	53.3	79.9



#25
2-Butanone
Concen: 22.417 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

Tgt Ion:	43	Resp:	99974
Ion	Ratio	Lower	Upper
43	100		
72	31.1	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 49.519 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078707.D

Acq: 31 Jul 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

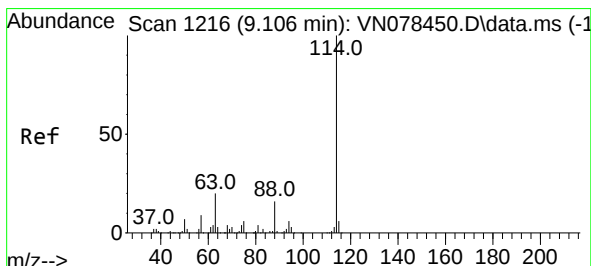
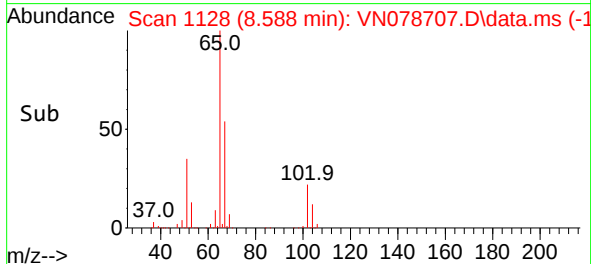
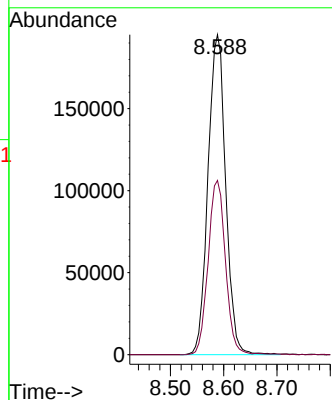
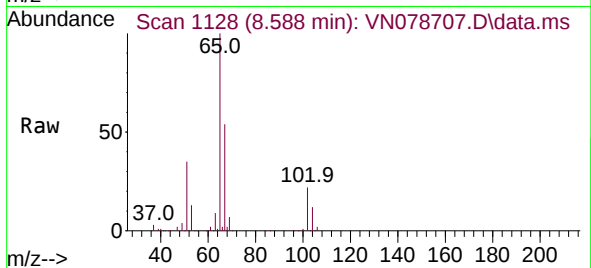
PLAUDERVILLE-2

Tgt Ion: 65 Resp: 450387

Ion Ratio Lower Upper

65 100

67 53.6 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: VN078707.D

Acq: 31 Jul 2023 15:59

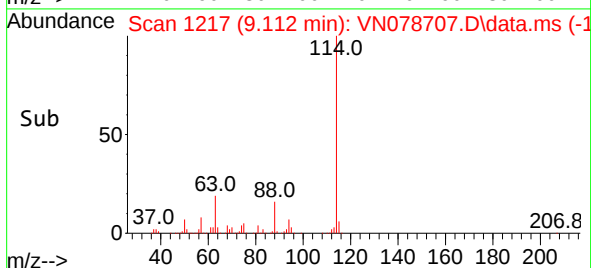
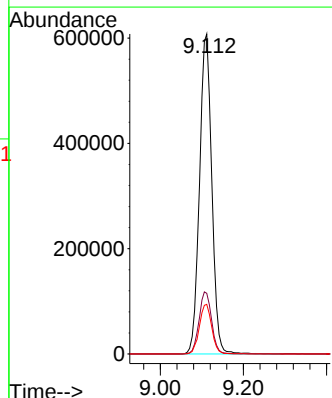
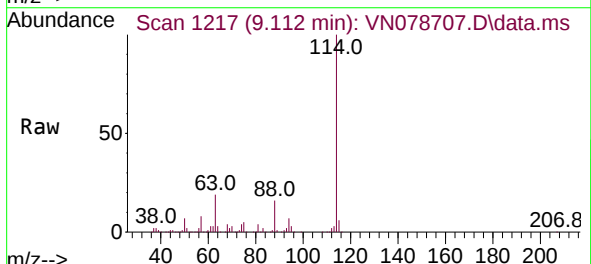
Tgt Ion: 114 Resp: 1246656

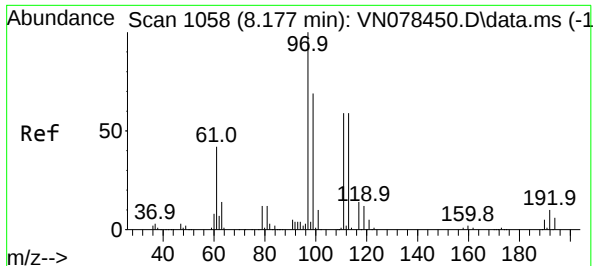
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.805 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078707.D

Acq: 31 Jul 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

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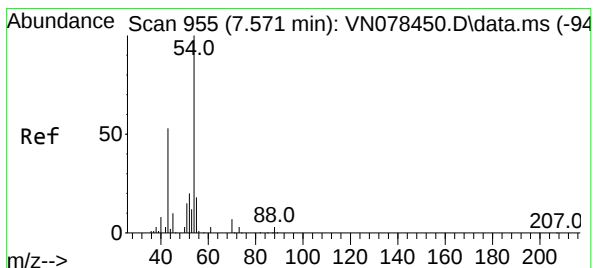
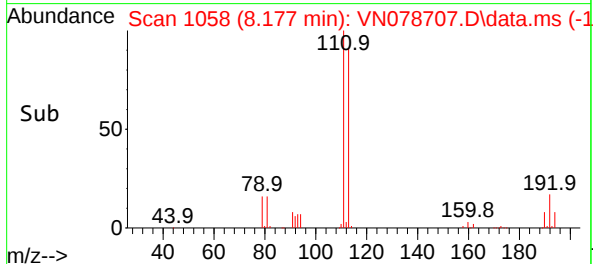
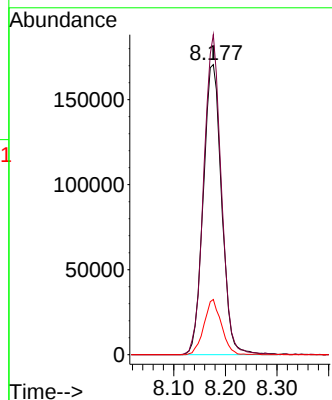
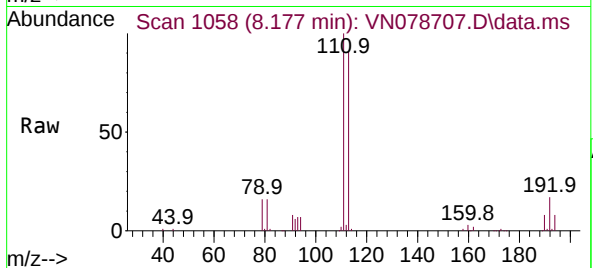
Tgt Ion:113 Resp: 421488

Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

192 18.0 12.7 19.1



#37

Ethyl Acetate

Concen: 3.488 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN078707.D

Acq: 31 Jul 2023 15:59

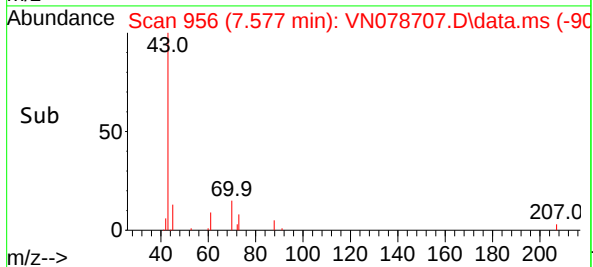
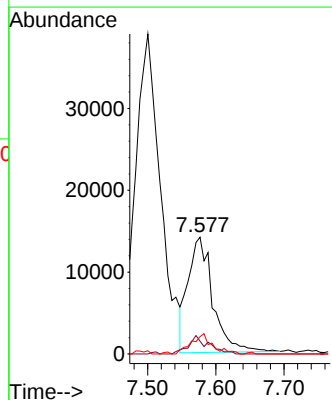
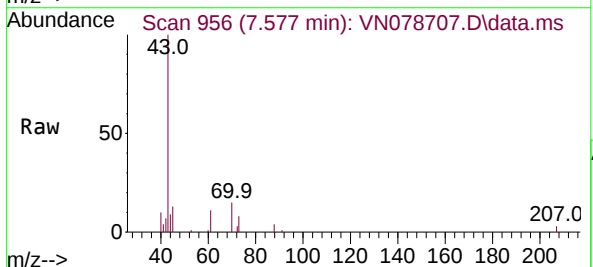
Tgt Ion: 43 Resp: 35533

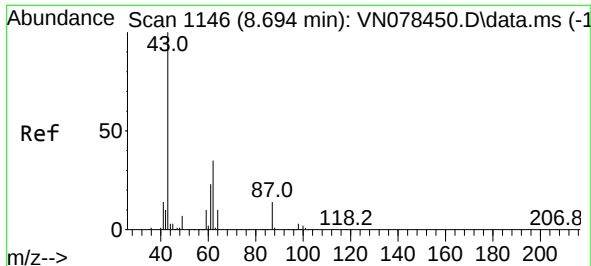
Ion Ratio Lower Upper

43 100

61 12.9 13.2 19.8#

70 13.2 11.3 16.9

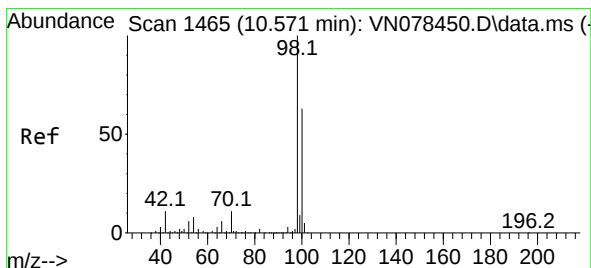
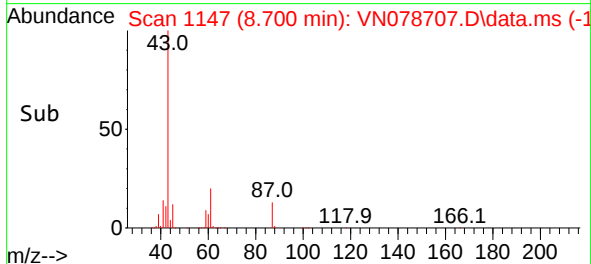
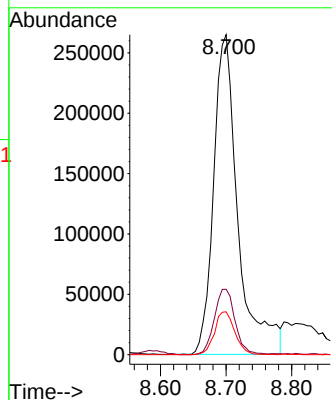
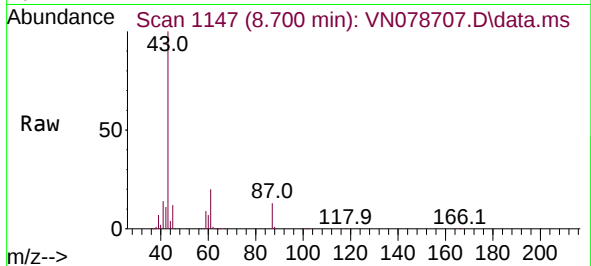




#43
Isopropyl Acetate
Concen: 40.662 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

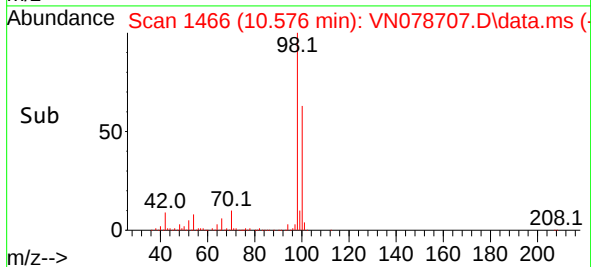
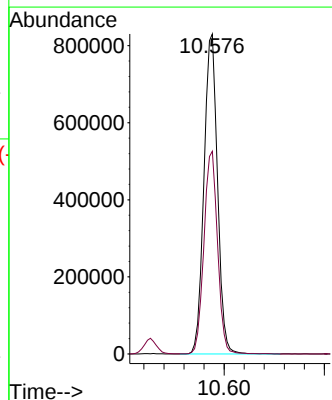
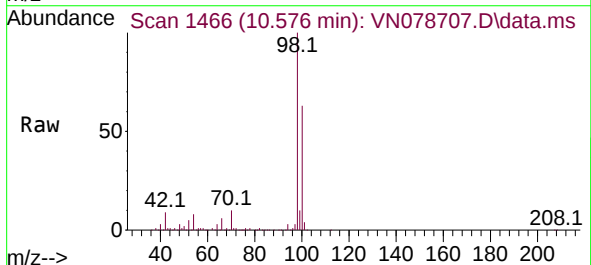
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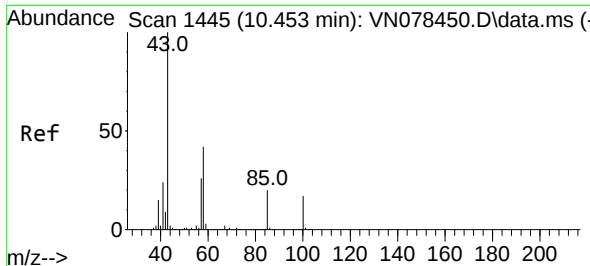
Tgt Ion: 43 Resp: 681919
Ion Ratio Lower Upper
43 100
61 17.5 24.7 37.1#
87 11.2 14.6 21.8#



#50
Toluene-d8
Concen: 48.719 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 98 Resp: 1557517
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

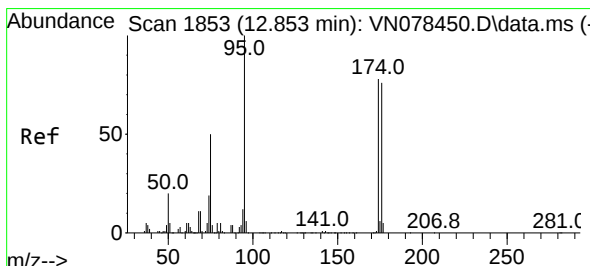
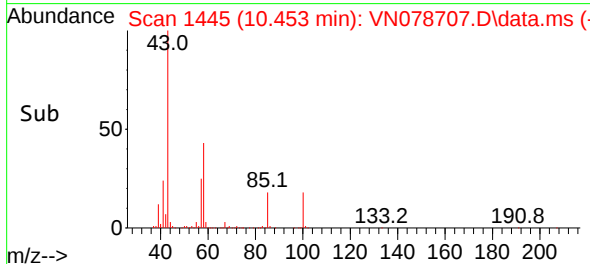
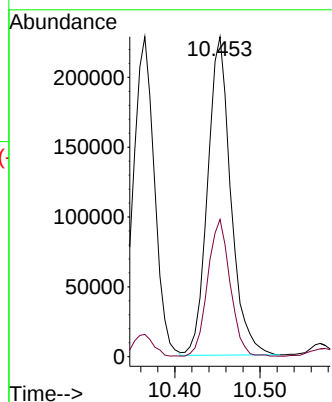
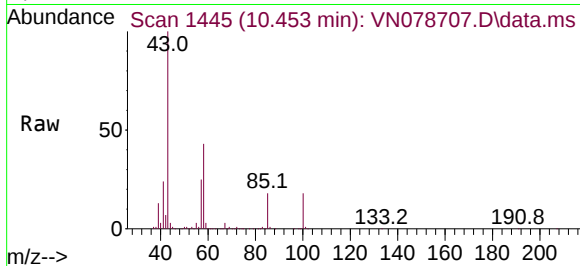




#51
4-Methyl-2-Pentanone
Concen: 43.303 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

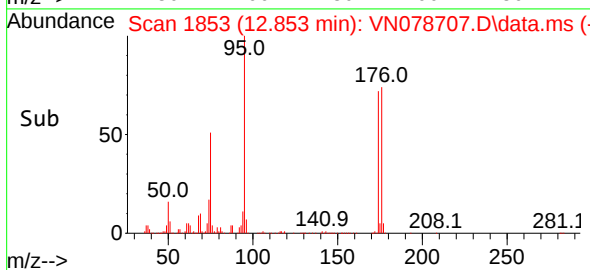
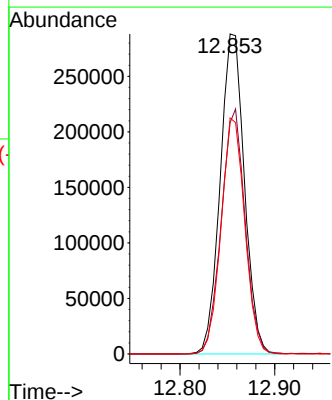
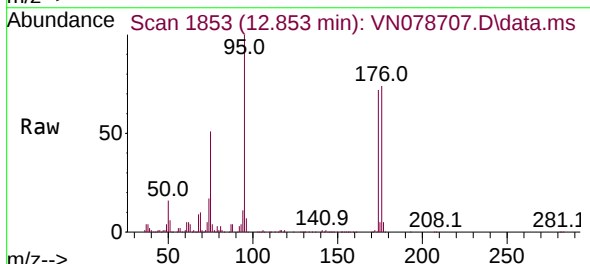
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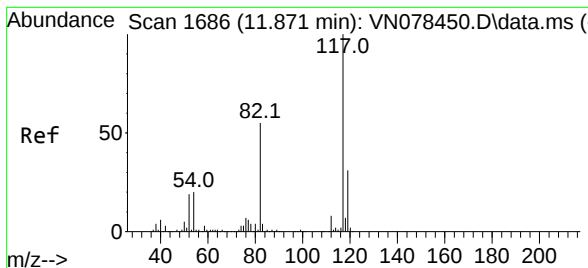
Tgt Ion: 43 Resp: 431953
Ion Ratio Lower Upper
43 100
58 42.1 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 52.067 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 95 Resp: 512715
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.2 0.0 135.8

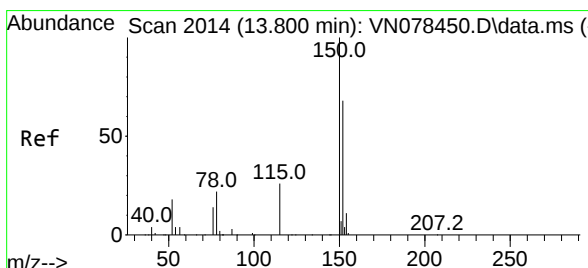
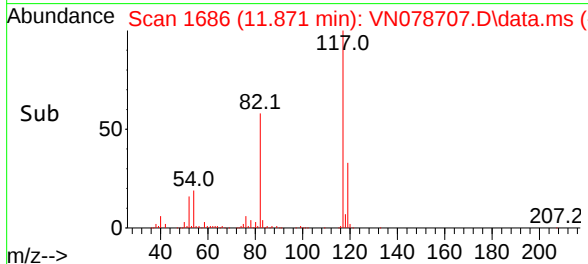
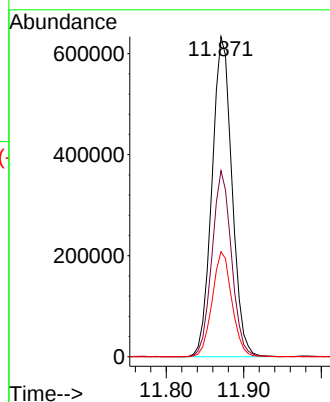
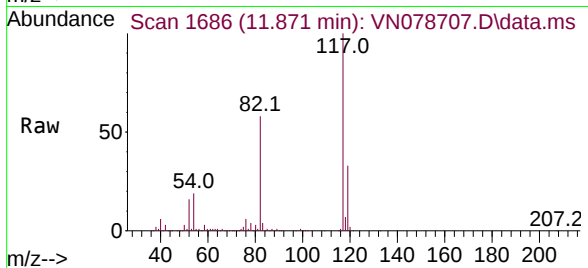




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078707.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 1135431
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 32.8 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: VN078707.D
Acq: 31 Jul 2023 15:59

Tgt Ion:152 Resp: 389156
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 157.6 0.0 355.8

