

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078703.D
 Acq On : 31 Jul 2023 14:23
 Operator : JC\MD
 Sample : PB154517TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154517TB

Quant Time: Aug 01 01:17:30 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)

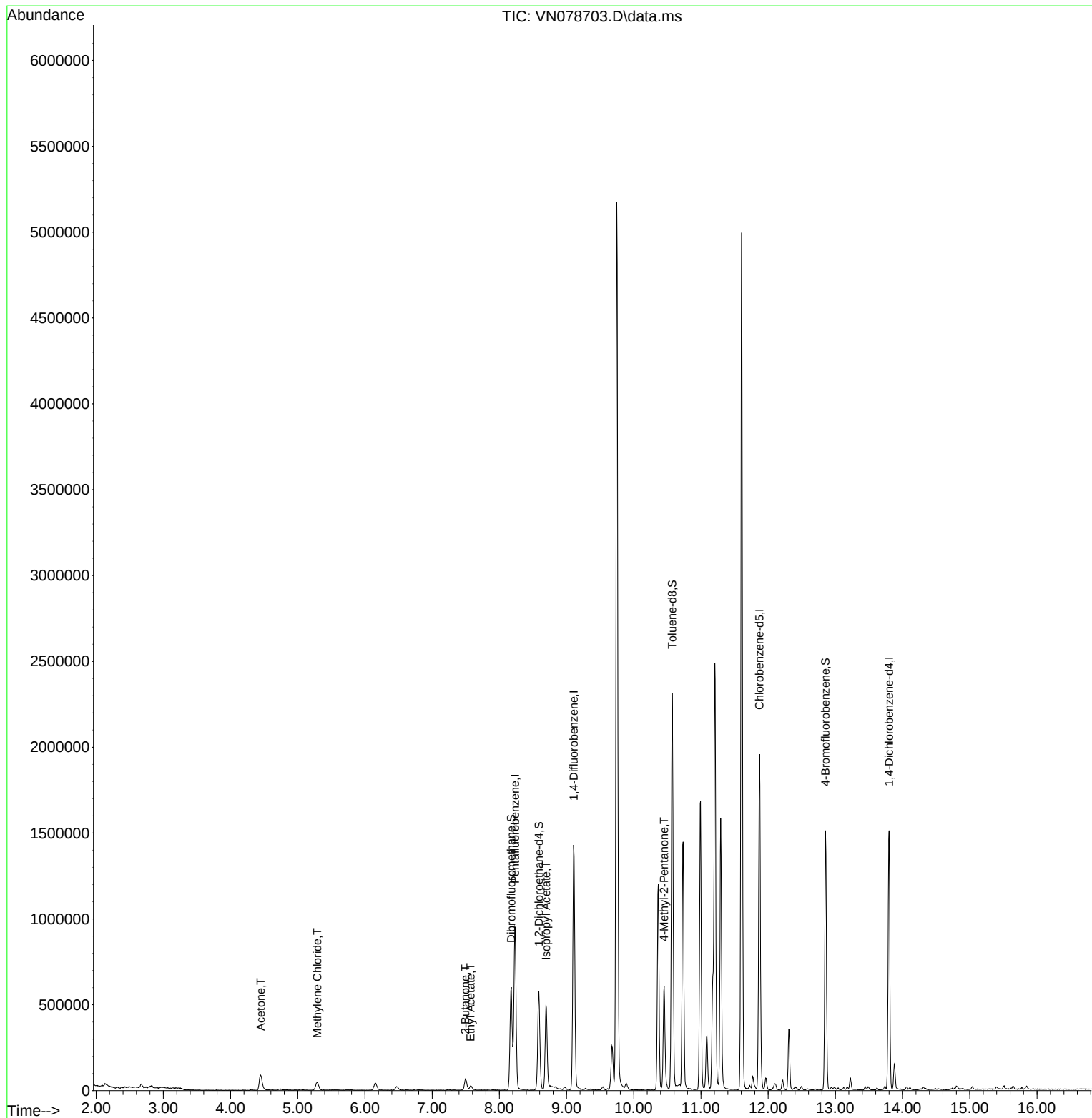
Internal Standards						
1) Pentafluorobenzene	8.236	168	723297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1281852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1208505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	429018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	469597	48.429	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	8.177	113	444452	51.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	10.571	98	1638378	49.841	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.853	95	556724	54.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.960%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	176040	58.282	ug/l	94
20) Methylene Chloride	5.289	84	37977	3.240	ug/l	93
25) 2-Butanone	7.494	43	99762	20.982	ug/l #	81
37) Ethyl Acetate	7.571	43	36851	3.518	ug/l	98
43) Isopropyl Acetate	8.694	43	566882	32.874	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	422477	41.190	ug/l	92

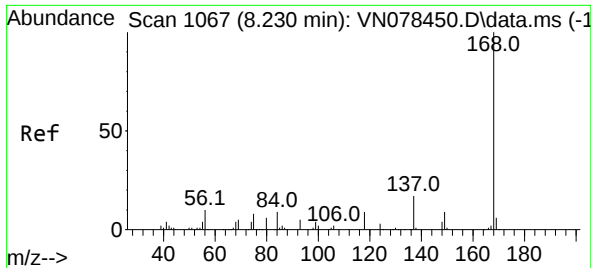
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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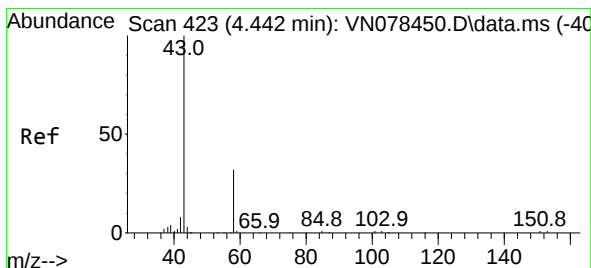
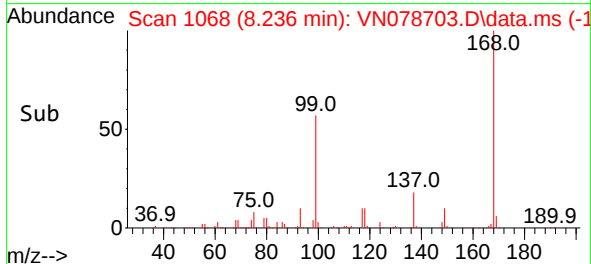
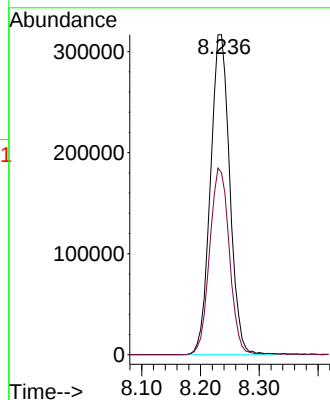
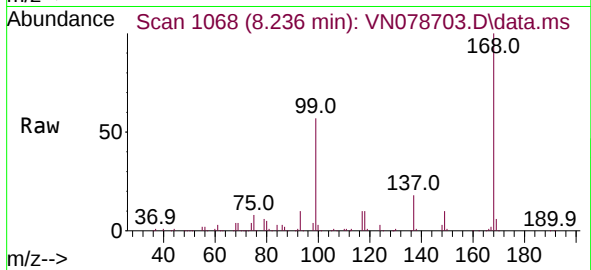




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

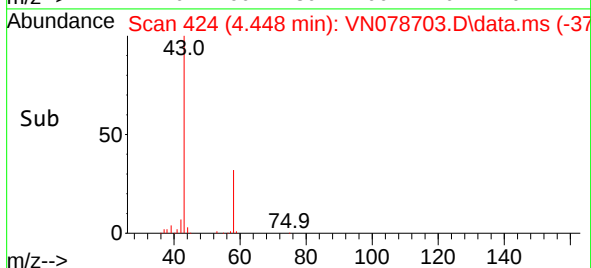
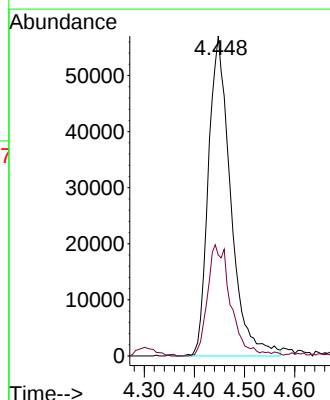
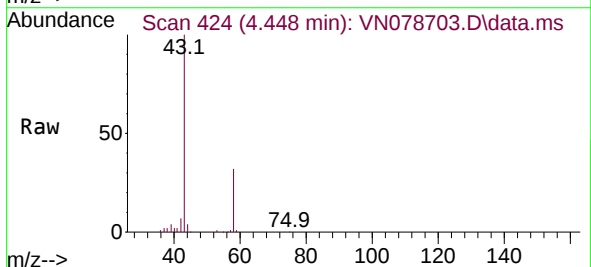
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

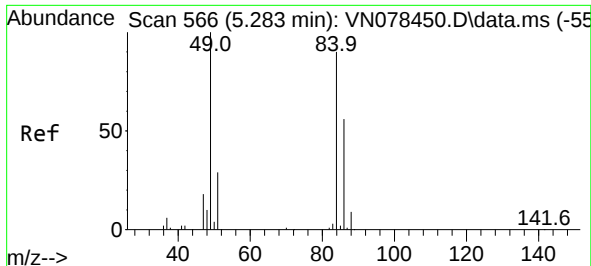
Tgt Ion:168 Resp: 723297
Ion Ratio Lower Upper
168 100
99 56.9 53.0 79.6



#16
Acetone
Concen: 58.282 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 43 Resp: 176040
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0

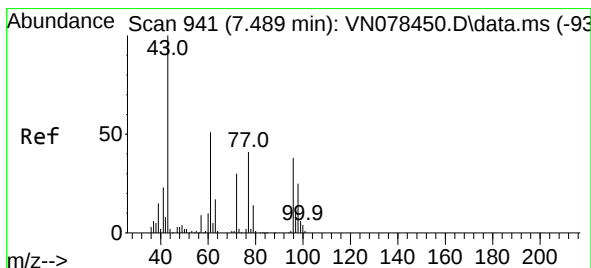
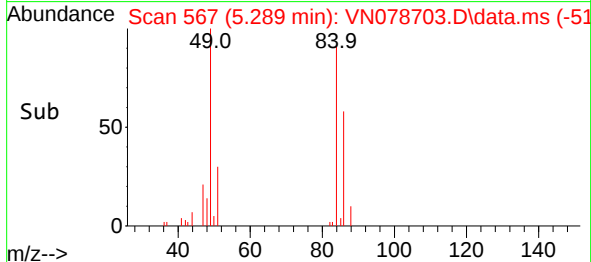
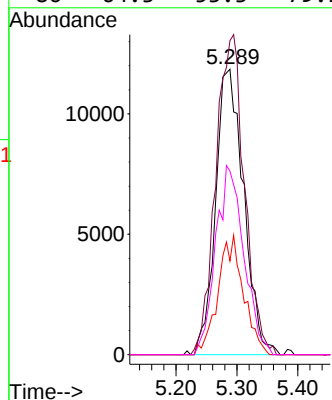
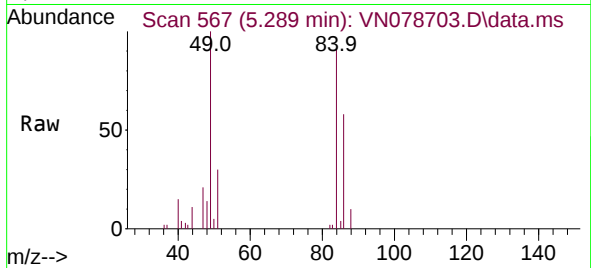




#20
Methylene Chloride
Concen: 3.240 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

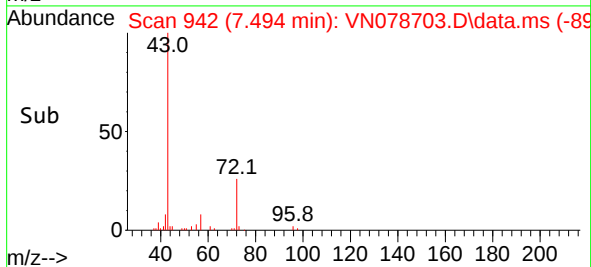
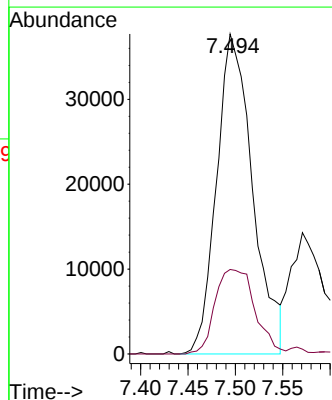
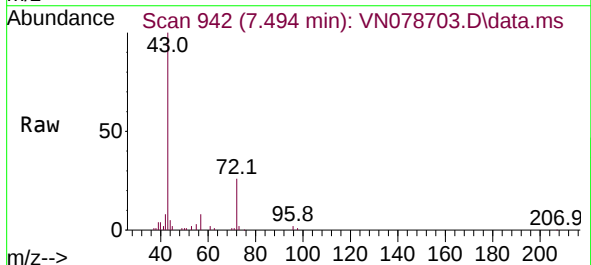
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

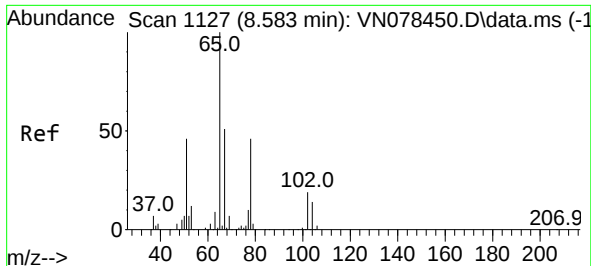
Tgt Ion:	84	Resp:	37977
Ion	Ratio	Lower	Upper
84	100		
49	110.1	79.7	119.5
51	32.8	25.2	37.8
86	64.3	53.3	79.9



#25
2-Butanone
Concen: 20.982 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion:	43	Resp:	99762
Ion	Ratio	Lower	Upper
43	100		
72	26.4	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 48.429 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

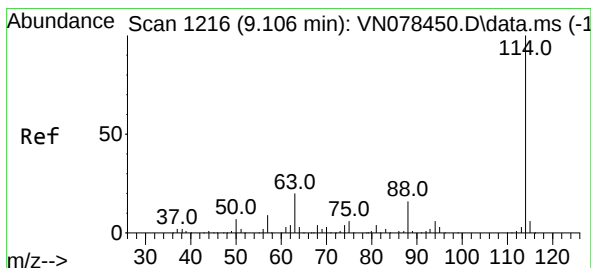
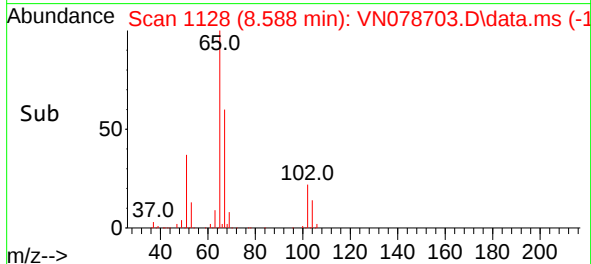
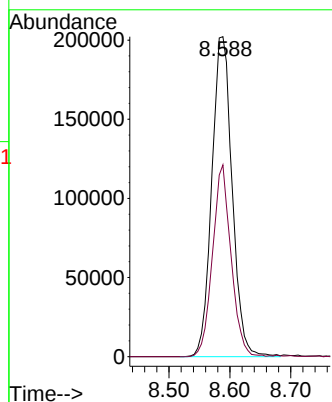
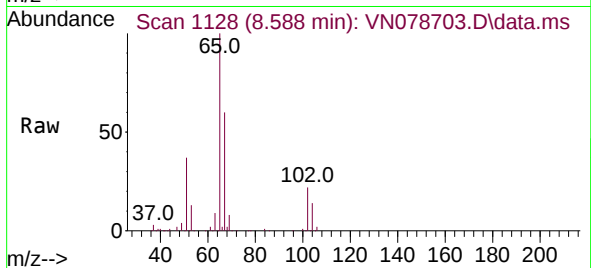
PB154517TB

Tgt Ion: 65 Resp: 469597

Ion Ratio Lower Upper

65 100

67 54.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

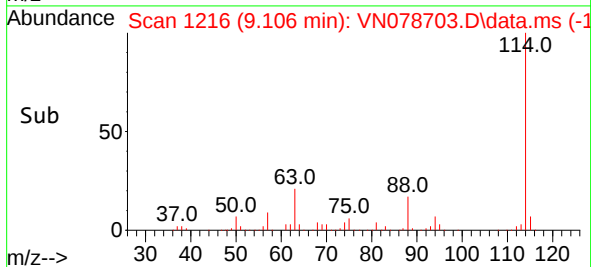
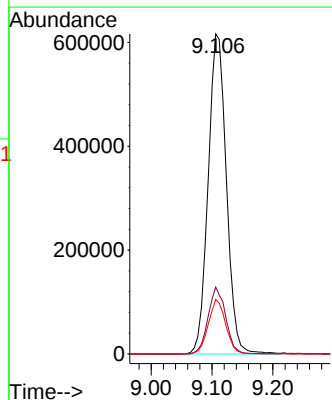
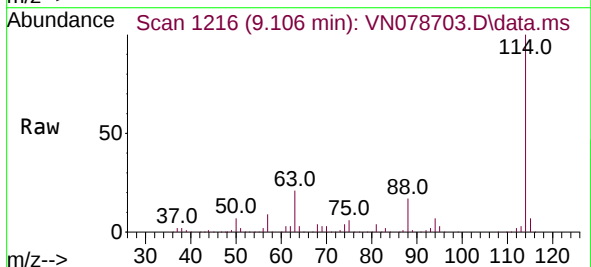
Tgt Ion: 114 Resp: 1281852

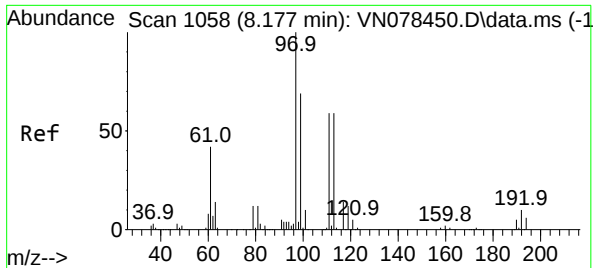
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.0 0.0 30.6

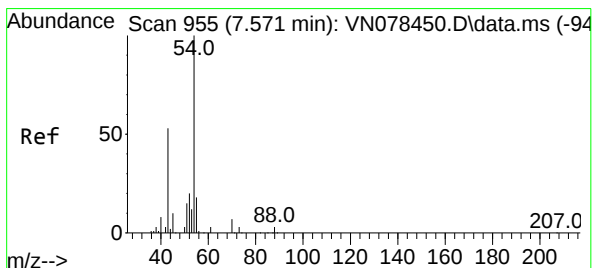
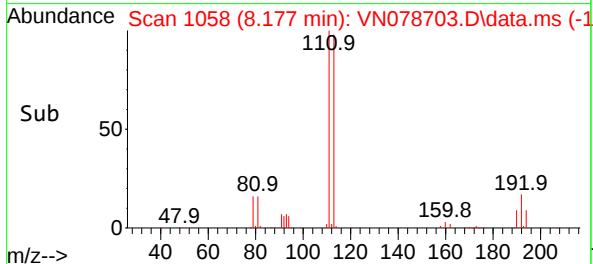
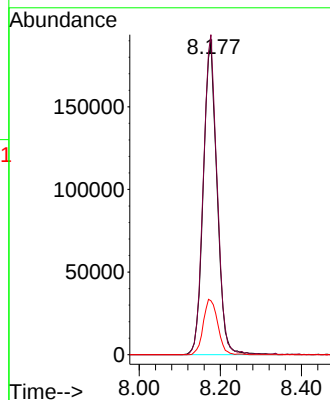
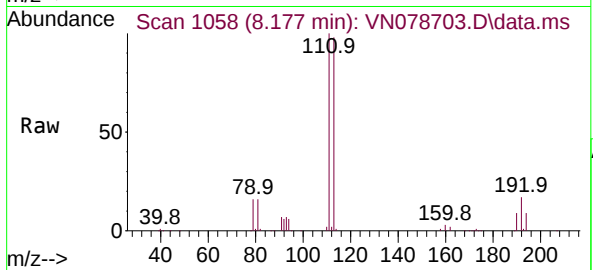




#35
Dibromofluoromethane
Concen: 51.077 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

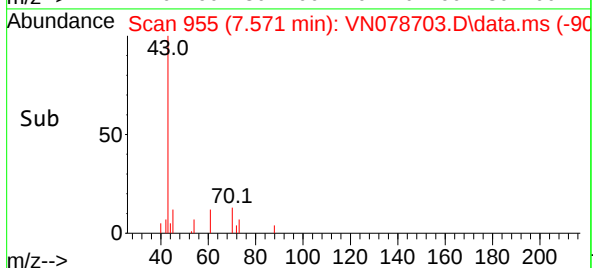
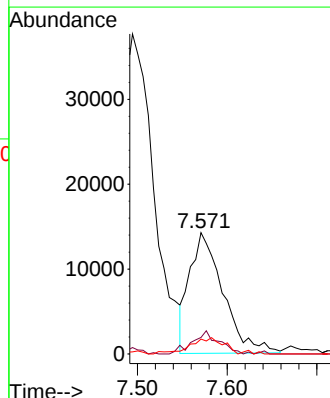
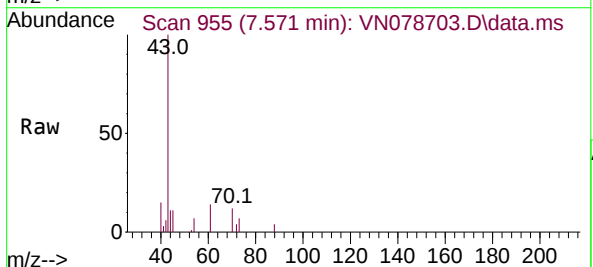
Instrument :
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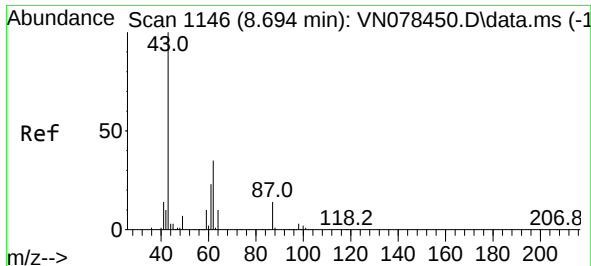
Tgt Ion:113 Resp: 444452
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.5 12.7 19.1



#37
Ethyl Acetate
Concen: 3.518 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 43 Resp: 36851
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 13.4 11.3 16.9

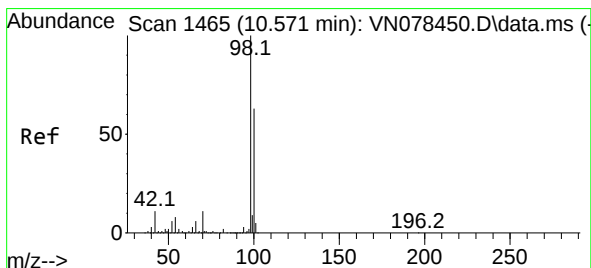
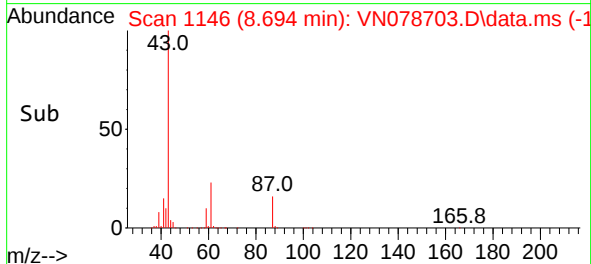
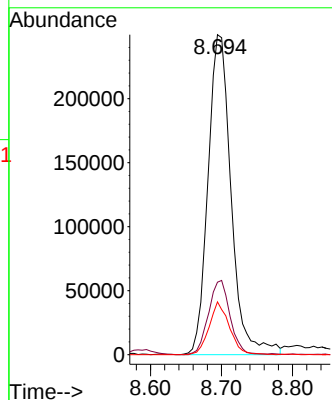
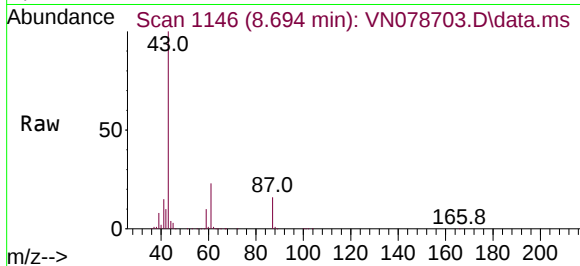




#43
Isopropyl Acetate
Concen: 32.874 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

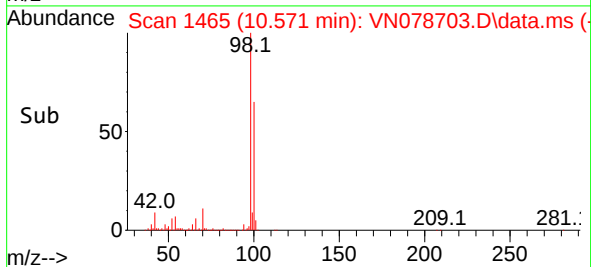
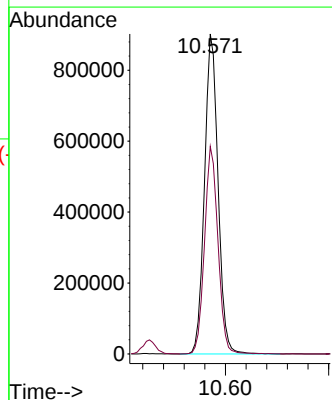
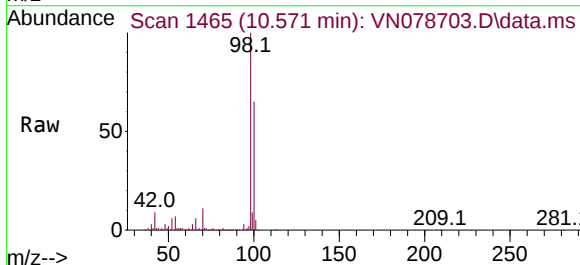
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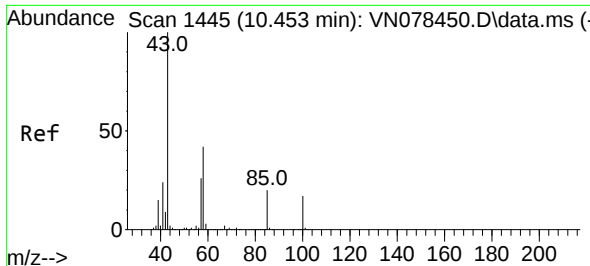
Tgt Ion: 43 Resp: 566882
Ion Ratio Lower Upper
43 100
61 21.6 24.7 37.1#
87 14.4 14.6 21.8#



#50
Toluene-d8
Concen: 49.841 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 98 Resp: 1638378
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

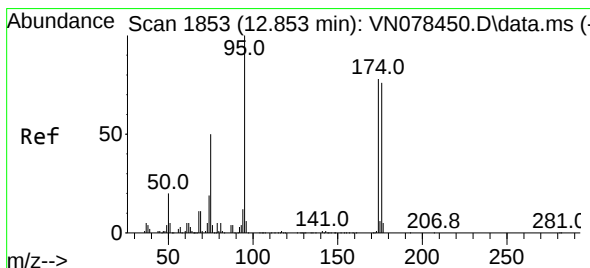
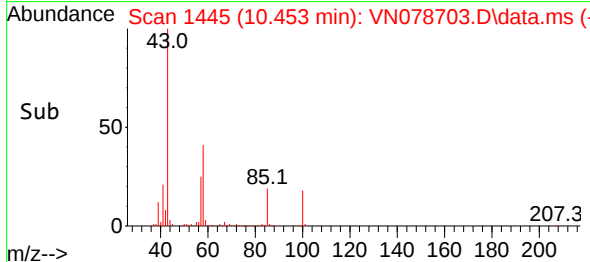
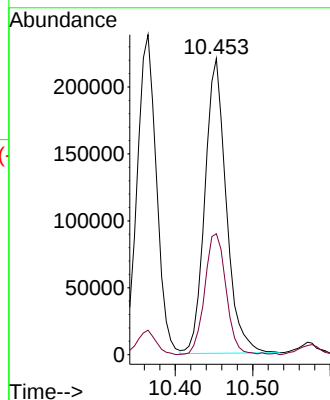
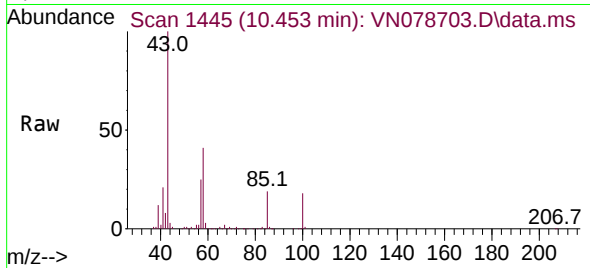




#51
4-Methyl-2-Pentanone
Concen: 41.190 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

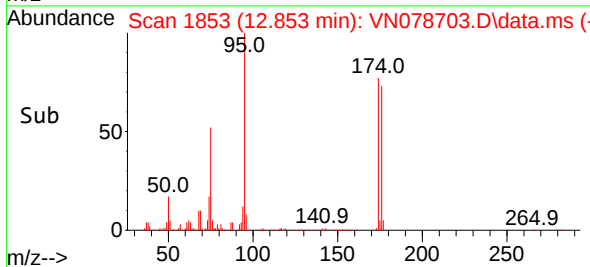
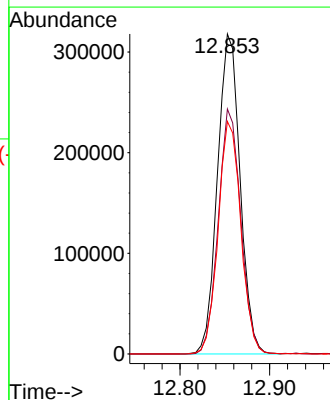
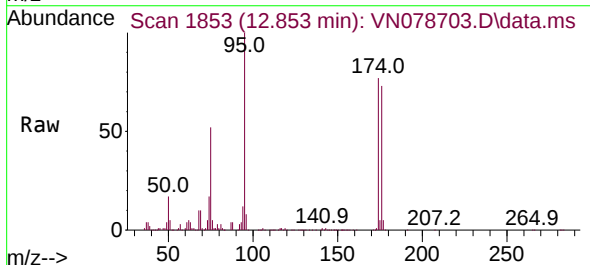
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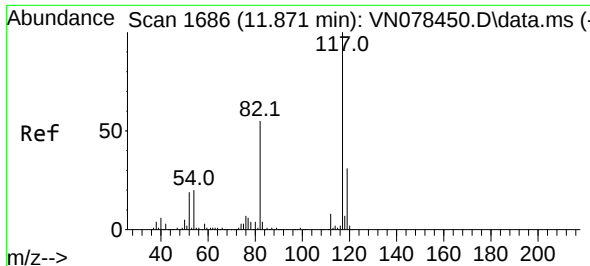
Tgt Ion: 43 Resp: 422477
Ion Ratio Lower Upper
43 100
58 40.6 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 54.984 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 95 Resp: 556724
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 72.9 0.0 135.8

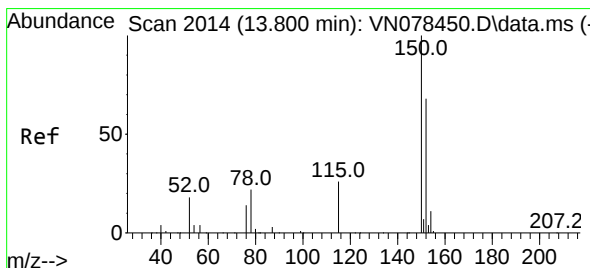
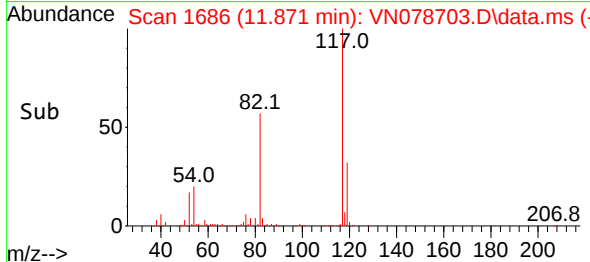
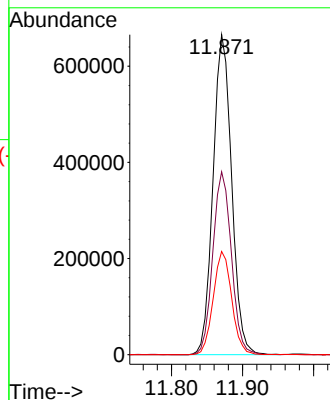
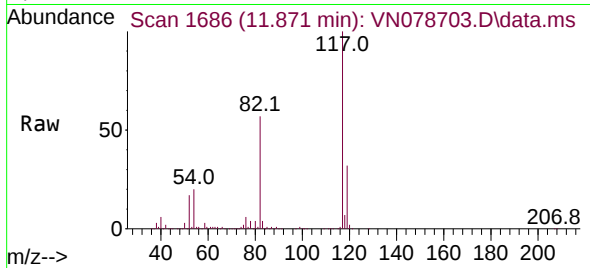




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

Tgt Ion:117 Resp: 1208505
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.3 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: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion:152 Resp: 429018
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 158.9 0.0 355.8

