

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077843.D
 Acq On : 24 May 2023 06:13
 Operator : JC\MD
 Sample : 02894-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-50A

Quant Time: May 24 06:35:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

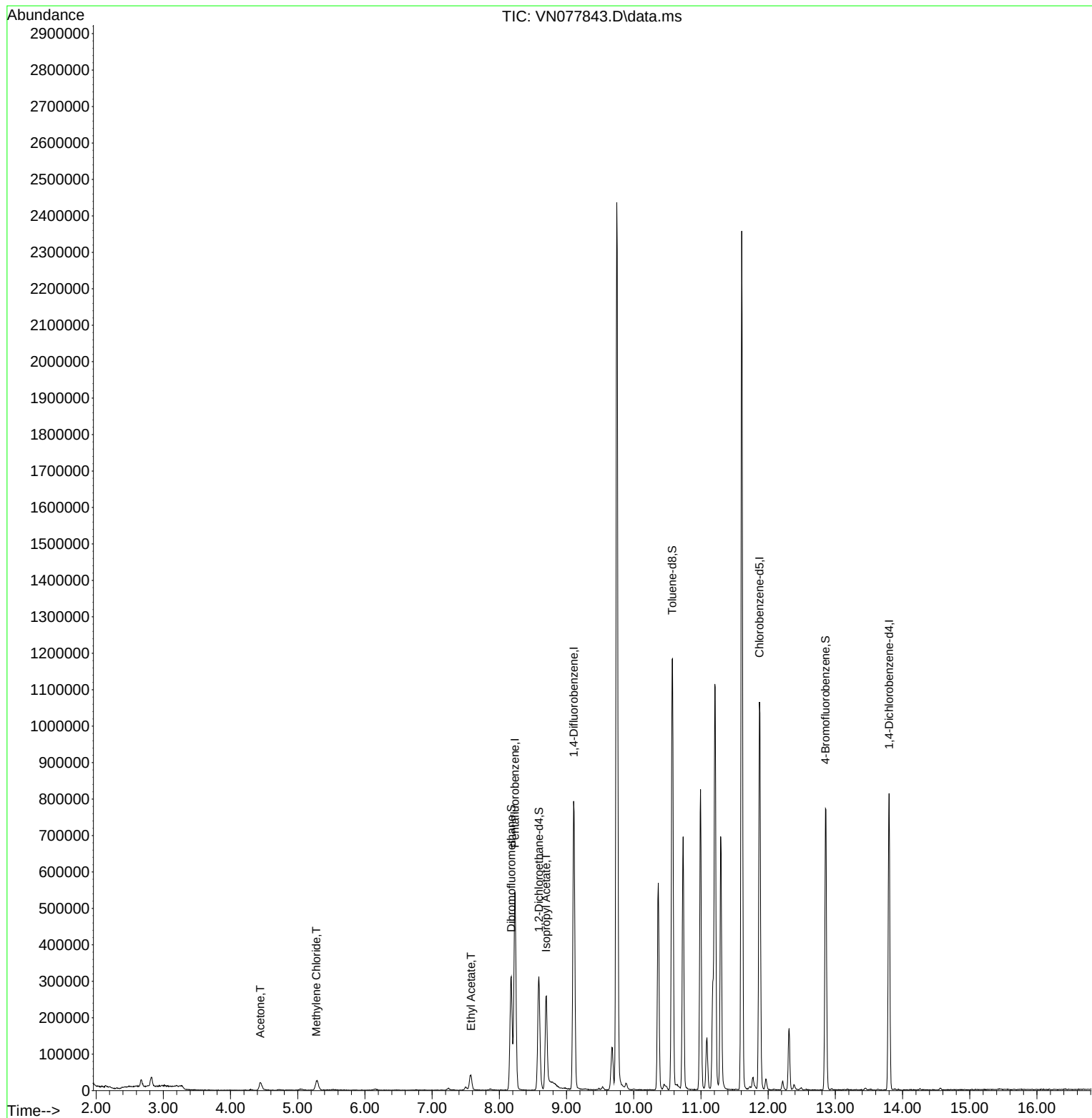
Internal Standards						
1) Pentafluorobenzene	8.230	168	389494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	645352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	221017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257224	44.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.280%
35) Dibromofluoromethane	8.177	113	225735	49.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	10.571	98	881069	49.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.853	95	285095	45.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.200%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	40538	22.109	ug/l	93
20) Methylene Chloride	5.277	84	21519	2.638	ug/l #	93
37) Ethyl Acetate	7.577	43	63372	10.570	ug/l	97
43) Isopropyl Acetate	8.694	43	304963	31.142	ug/l #	82

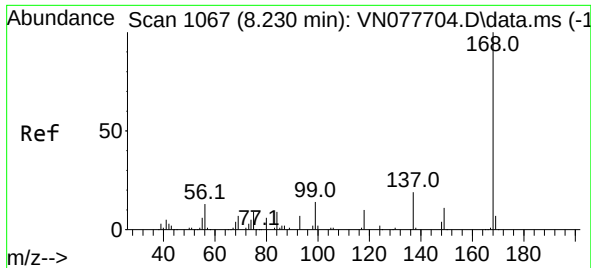
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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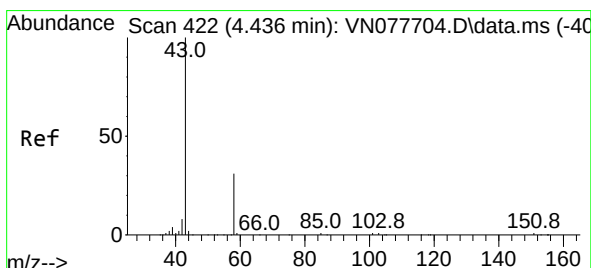
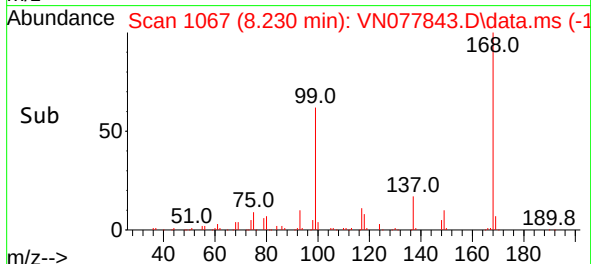
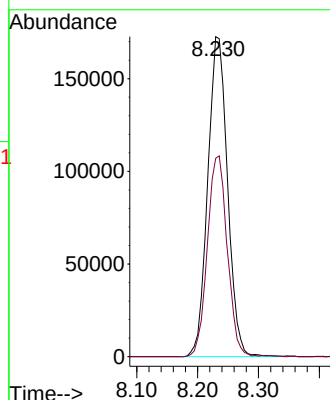
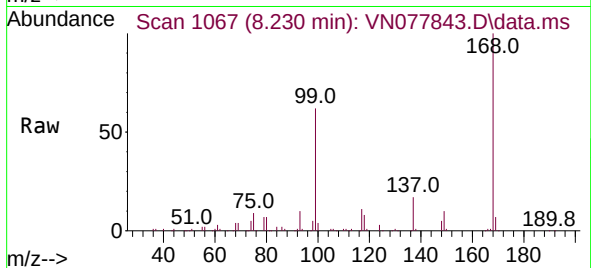




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

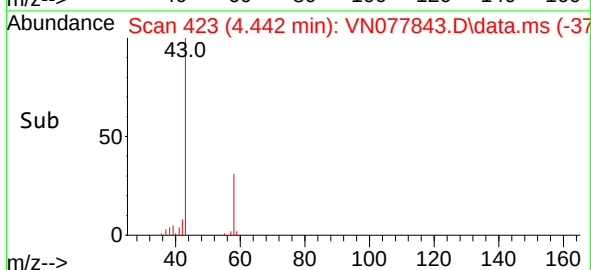
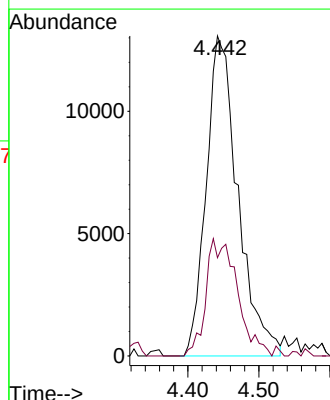
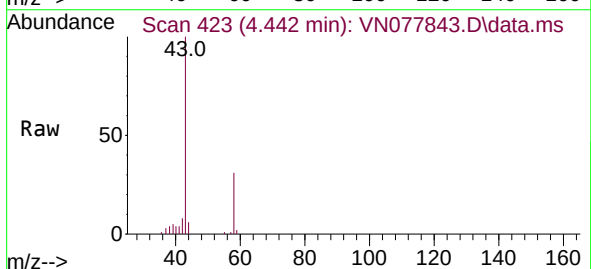
Instrument :
MSVOA_N
ClientSampleId :
TP-50A

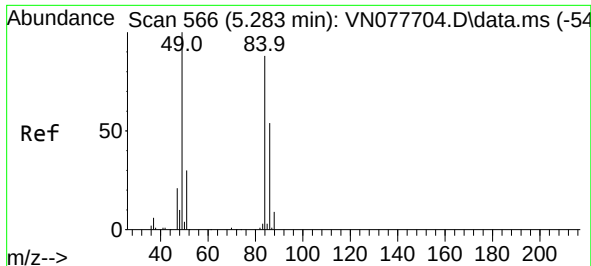
Tgt Ion:168 Resp: 389494
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 22.109 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

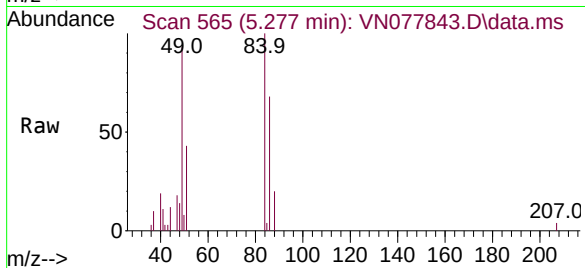
Tgt Ion: 43 Resp: 40538
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





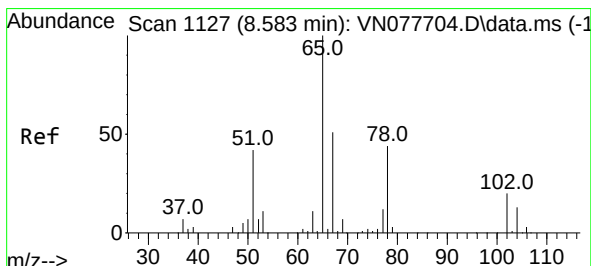
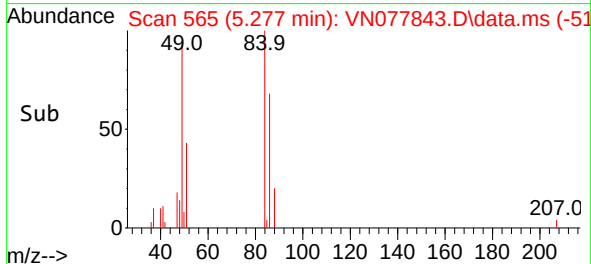
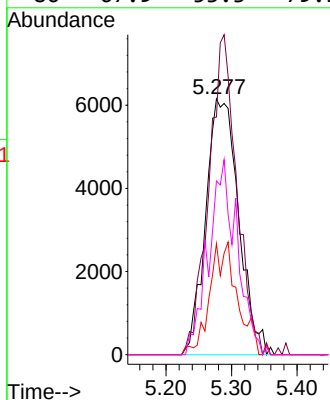
#20
Methylene Chloride
Concen: 2.638 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

Instrument :
MSVOA_N
ClientSampleId :
TP-50A



Tgt Ion: 84 Resp: 21519

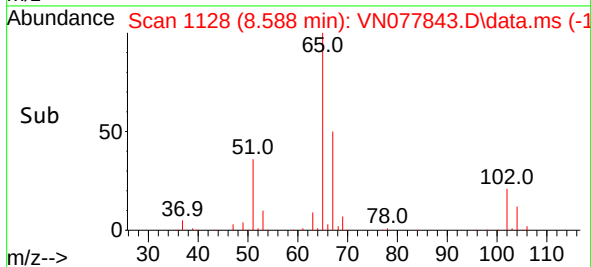
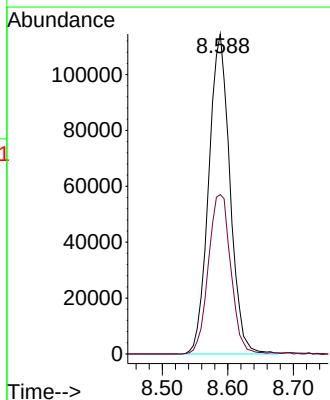
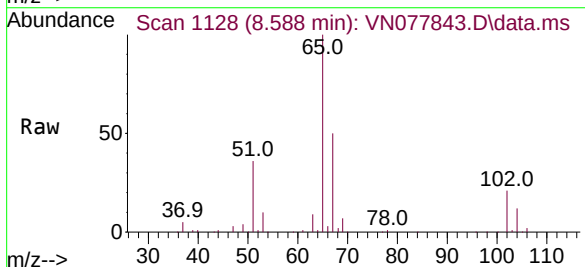
Ion	Ratio	Lower	Upper
84	100		
49	92.9	79.7	119.5
51	43.4	25.2	37.8
86	67.9	53.3	79.9

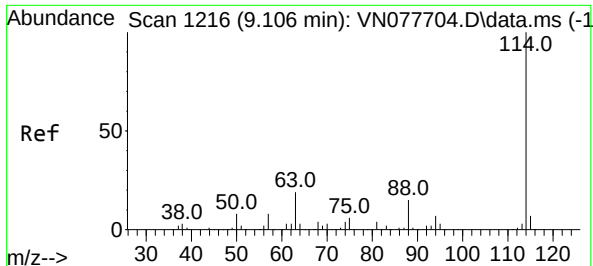


#33
1,2-Dichloroethane-d4
Concen: 44.137 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

Tgt Ion: 65 Resp: 257224

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.6

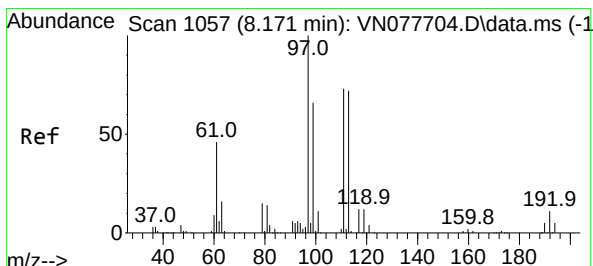
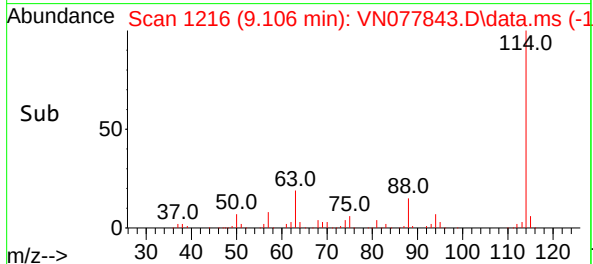
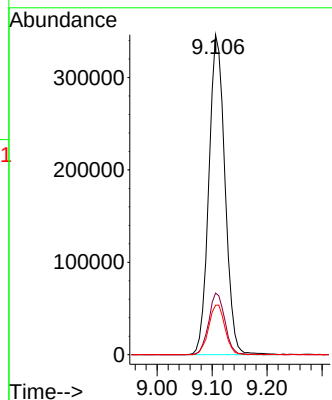
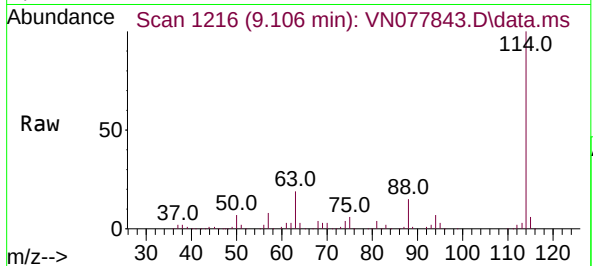




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

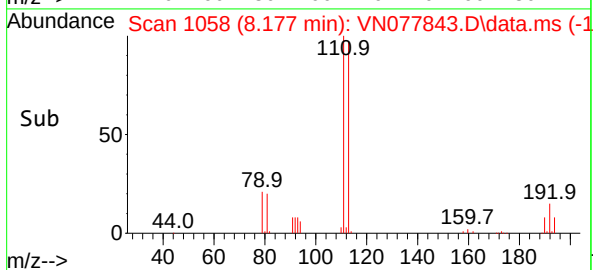
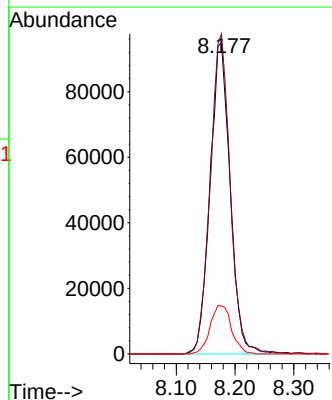
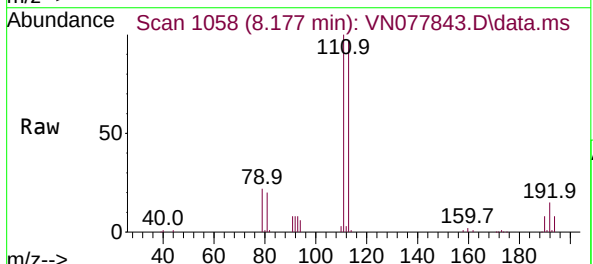
Instrument :
MSVOA_N
ClientSampleId :
TP-50A

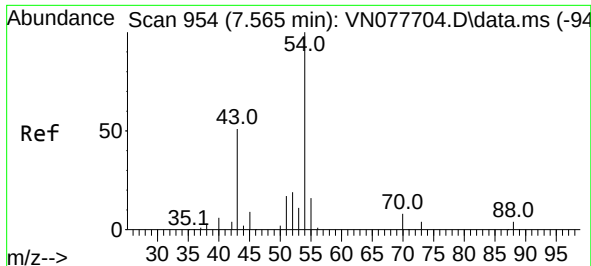
Tgt Ion:114 Resp: 705227
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.087 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

Tgt Ion:113 Resp: 225735
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 16.6 12.7 19.1





#37

Ethyl Acetate

Concen: 10.570 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN077843.D

Acq: 24 May 2023 06:13

Instrument :

MSVOA_N

ClientSampleId :

TP-50A

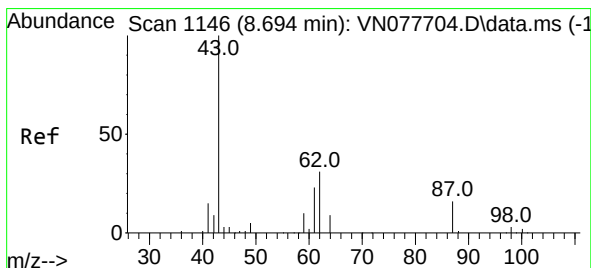
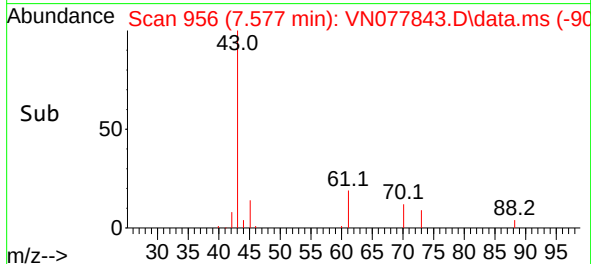
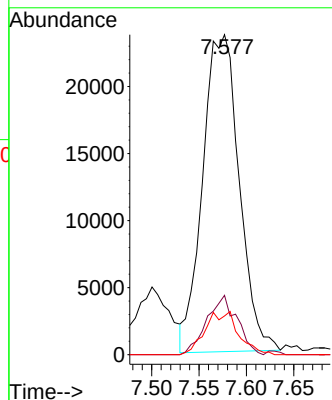
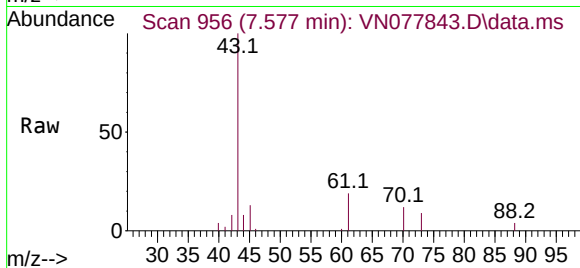
Tgt Ion: 43 Resp: 63372

Ion Ratio Lower Upper

43 100

61 15.6 13.2 19.8

70 12.4 11.3 16.9



#43

Isopropyl Acetate

Concen: 31.142 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077843.D

Acq: 24 May 2023 06:13

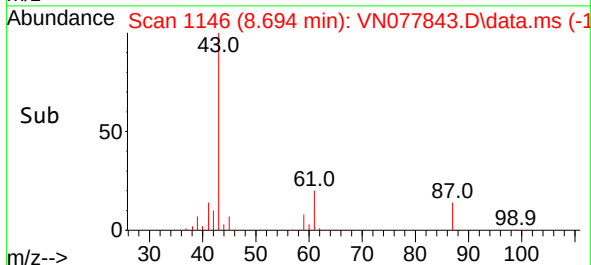
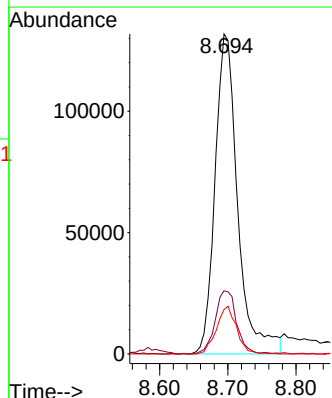
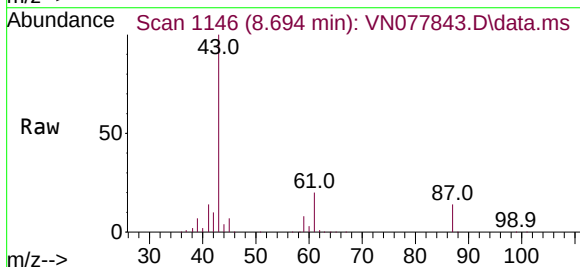
Tgt Ion: 43 Resp: 304963

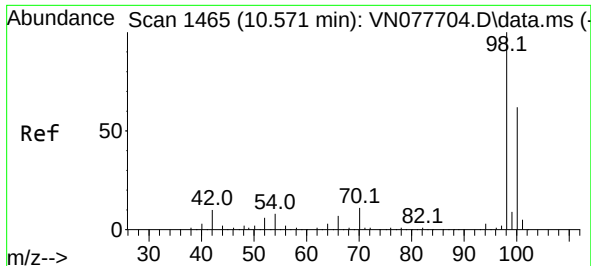
Ion Ratio Lower Upper

43 100

61 18.5 24.7 37.1#

87 13.3 14.6 21.8#

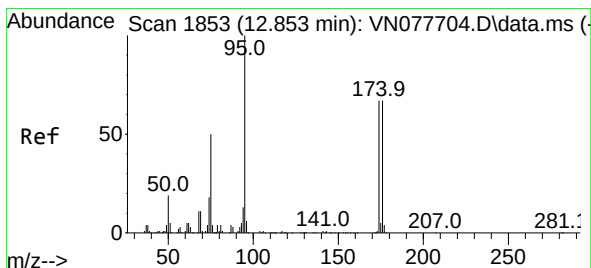
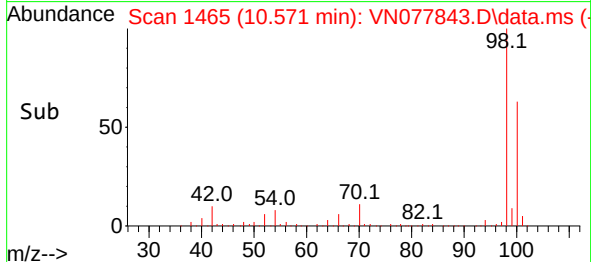
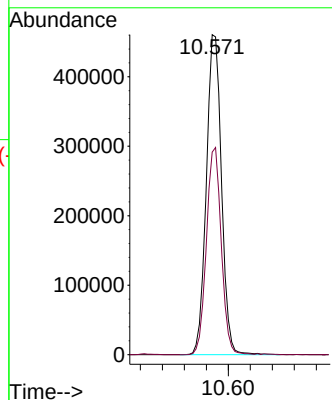
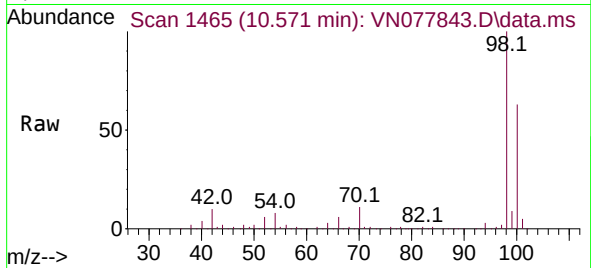




#50
Toluene-d8
Concen: 49.776 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

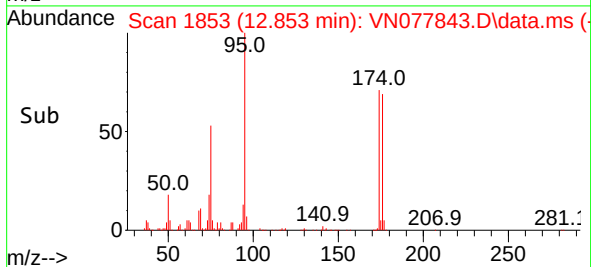
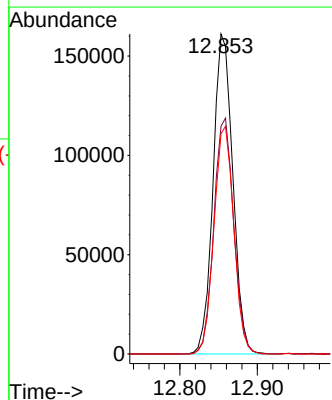
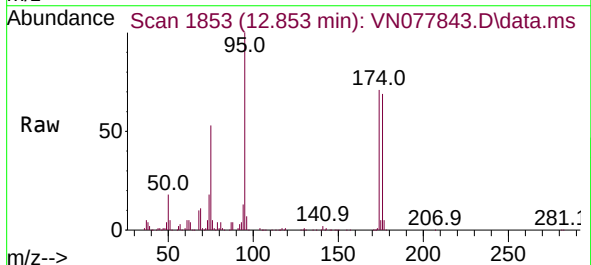
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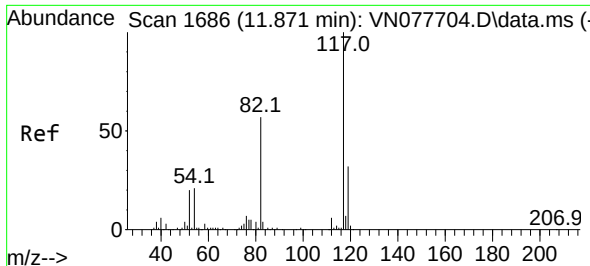
Tgt Ion: 98 Resp: 881069
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.604 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

Tgt Ion: 95 Resp: 285095
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.3 0.0 135.8

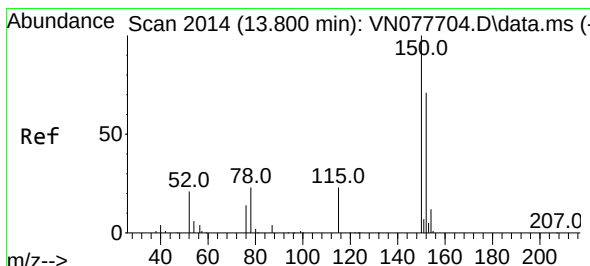
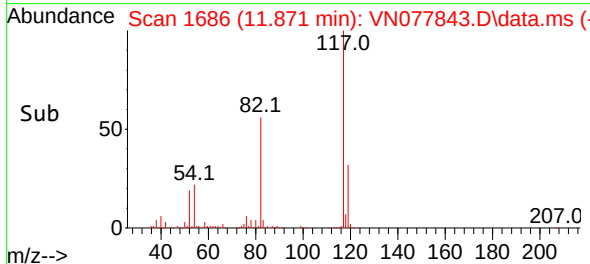
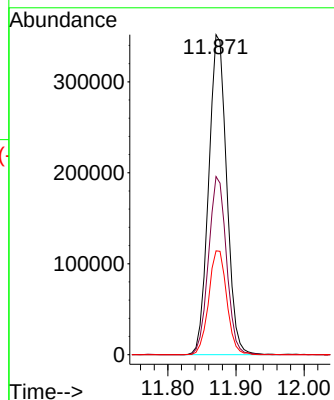
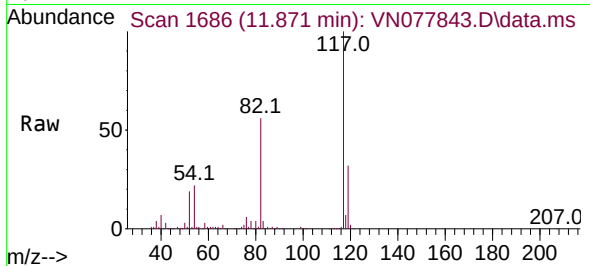




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077843.D
Acq: 24 May 2023 06:13

Instrument :
MSVOA_N
ClientSampleId :
TP-50A

Tgt Ion:117 Resp: 645352
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.5 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: VN077843.D
Acq: 24 May 2023 06:13

Tgt Ion:152 Resp: 221017
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 157.7 0.0 355.8

