

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077834.D
 Acq On : 24 May 2023 02:38
 Operator : JC\MD
 Sample : PB152982ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#01

Quant Time: May 24 05:58:52 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)

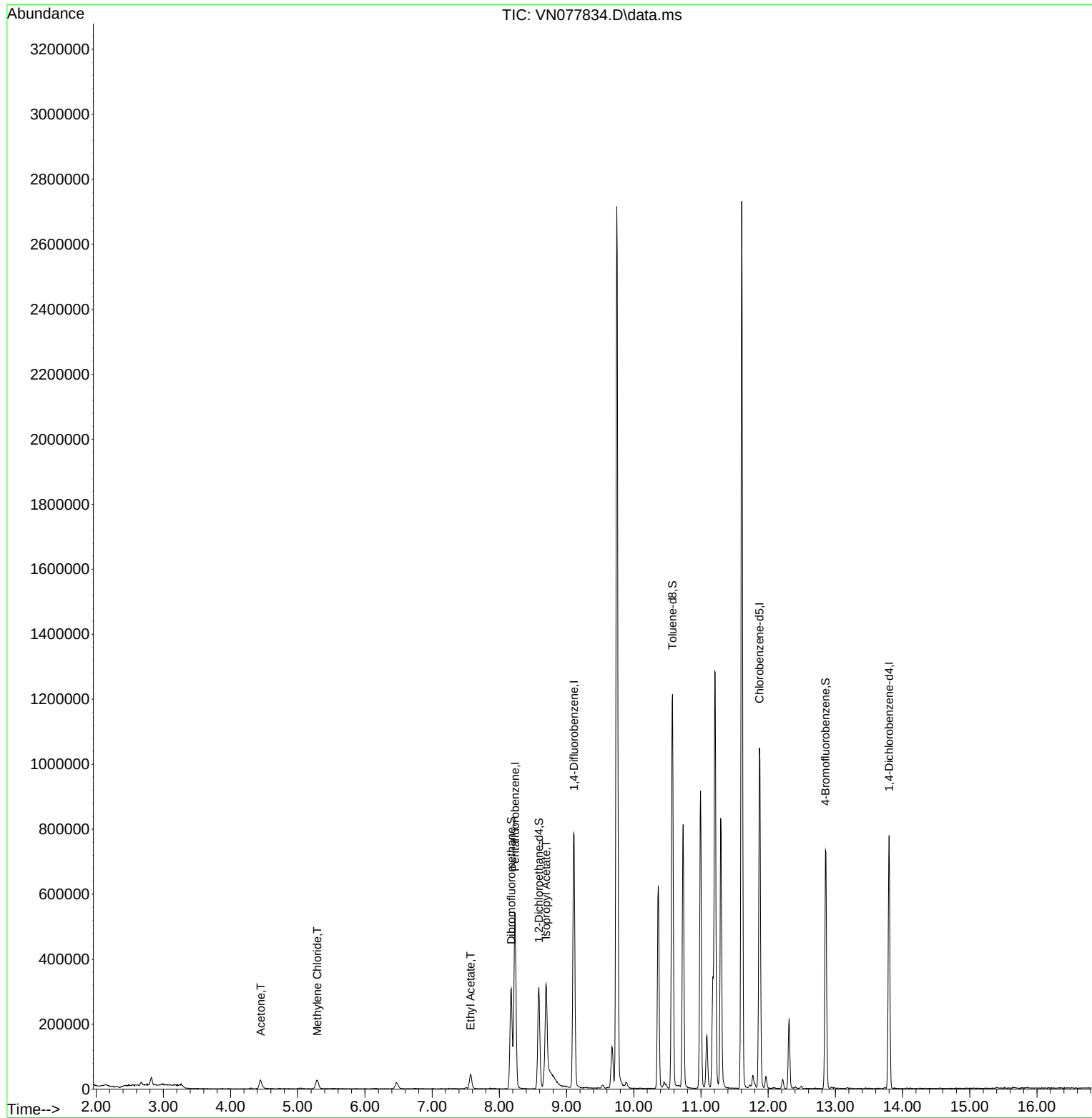
Internal Standards						
1) Pentafluorobenzene	8.235	168	390374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	703436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	638263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	256399	43.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.800%
35) Dibromofluoromethane	8.177	113	222171	48.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	10.576	98	879973	49.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.853	95	267908	42.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.920%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	50265	27.353	ug/l	100
20) Methylene Chloride	5.289	84	22466	2.833	ug/l	93
37) Ethyl Acetate	7.571	43	69475	11.618	ug/l	97
43) Isopropyl Acetate	8.694	43	488462	50.008	ug/l #	72

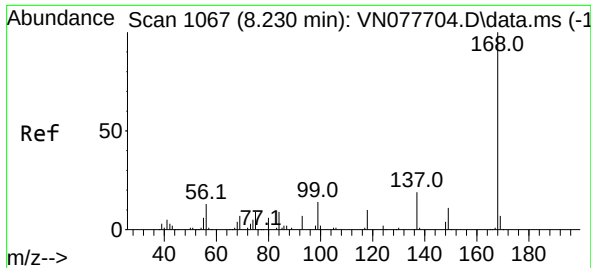
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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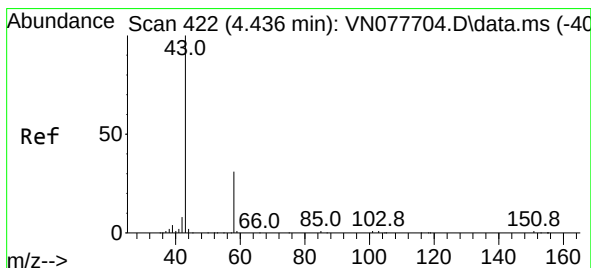
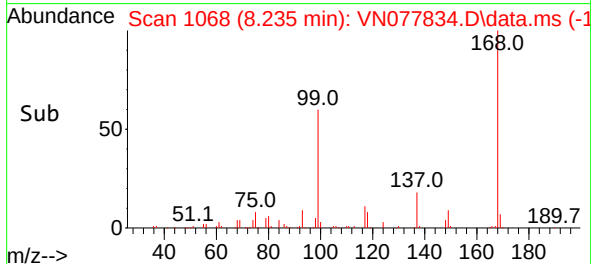
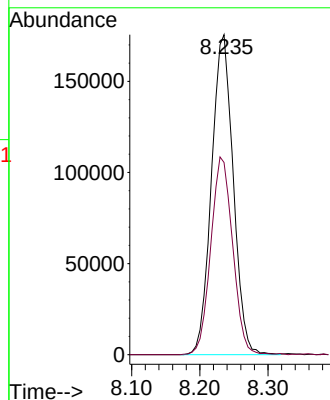
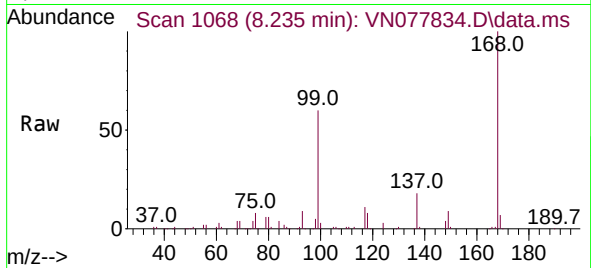




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

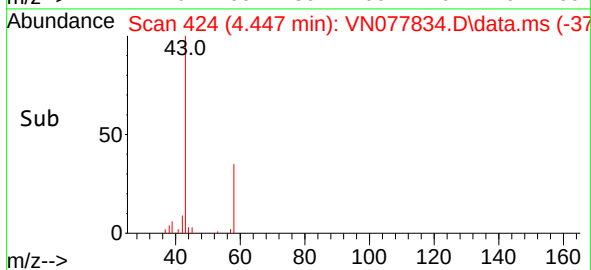
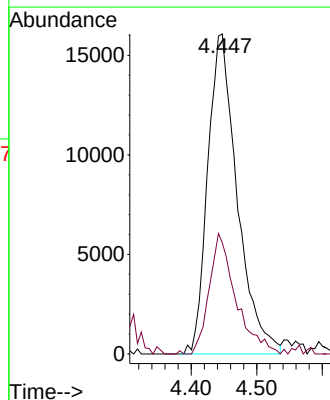
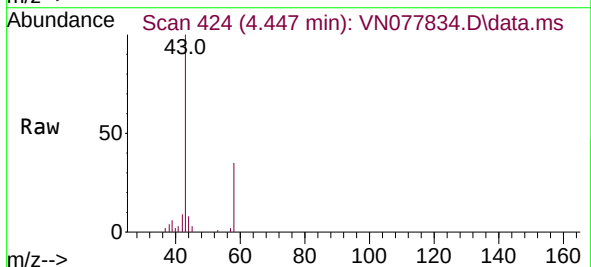
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#01

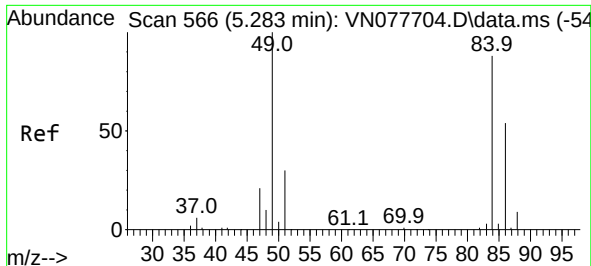
Tgt Ion:168 Resp: 390374
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#16
Acetone
Concen: 27.353 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

Tgt Ion: 43 Resp: 50265
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0



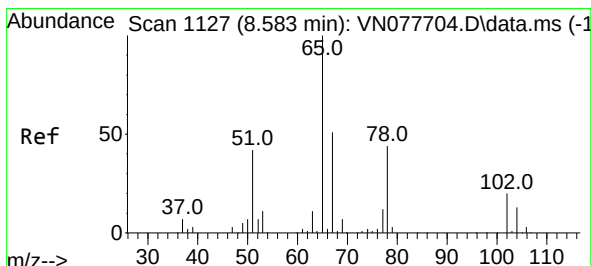
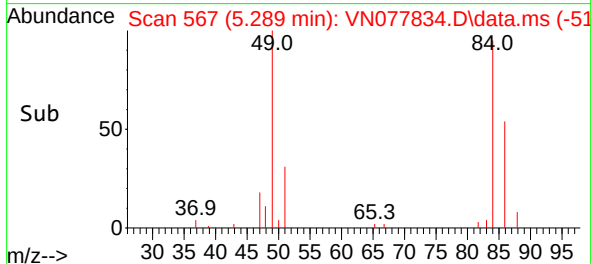
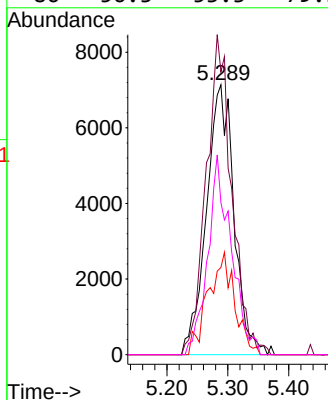
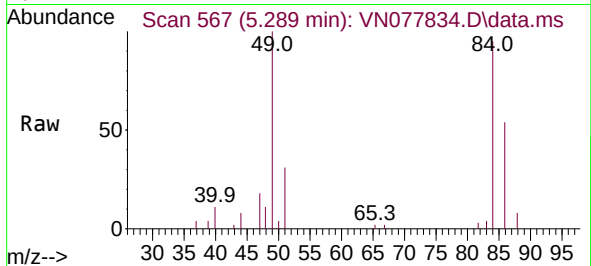


#20
Methylene Chloride
Concen: 2.833 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#01

Tgt Ion: 84 Resp: 22466

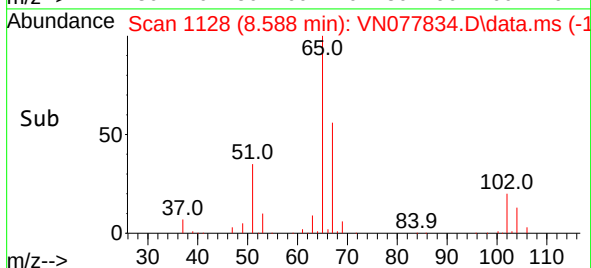
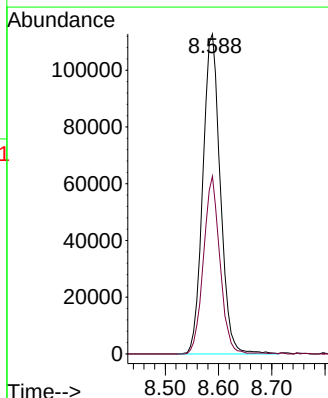
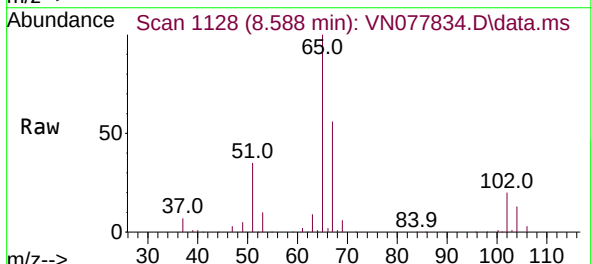
Ion	Ratio	Lower	Upper
84	100		
49	104.8	79.7	119.5
51	32.3	25.2	37.8
86	56.3	53.3	79.9

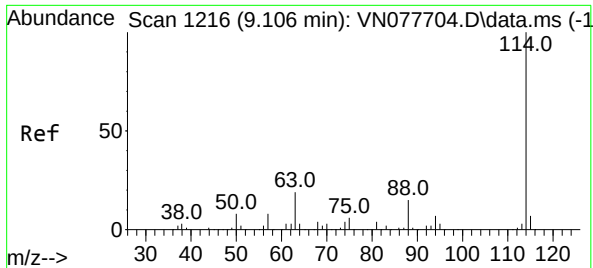


#33
1,2-Dichloroethane-d4
Concen: 43.896 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

Tgt Ion: 65 Resp: 256399

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.6

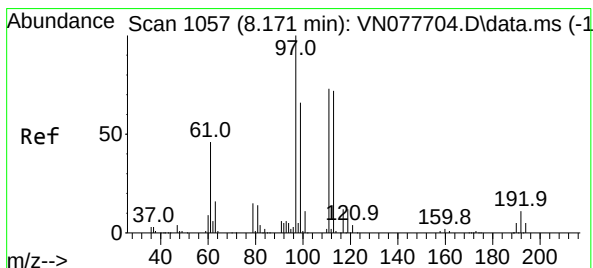
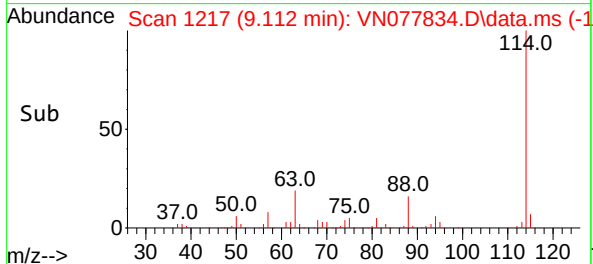
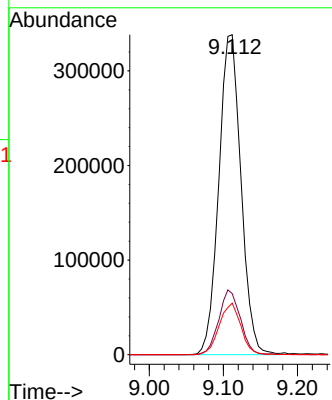
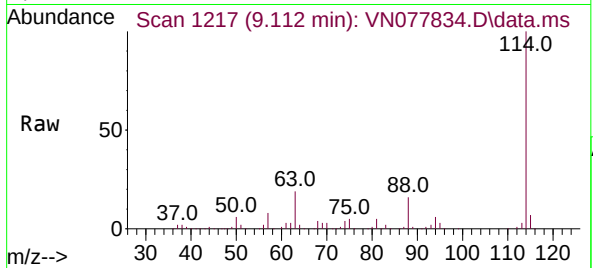




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

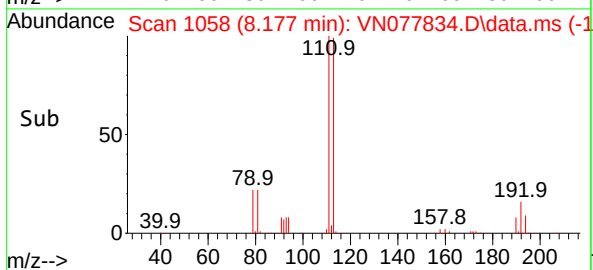
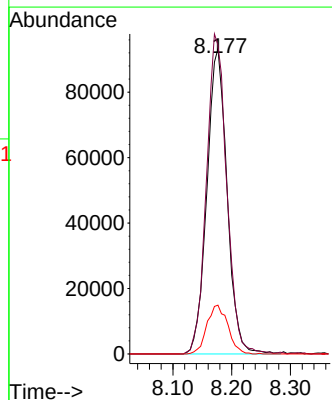
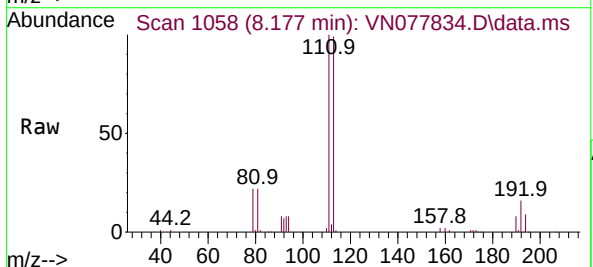
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#01

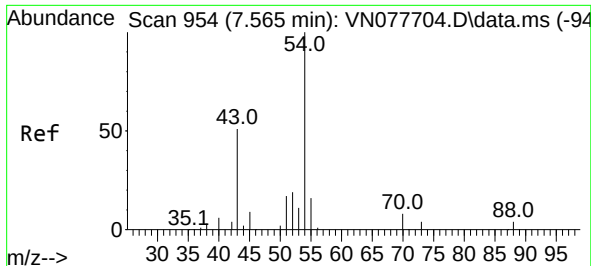
Tgt Ion:114 Resp: 703436
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.435 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

Tgt Ion:113 Resp: 222171
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 16.6 12.7 19.1





#37

Ethyl Acetate

Concen: 11.618 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077834.D

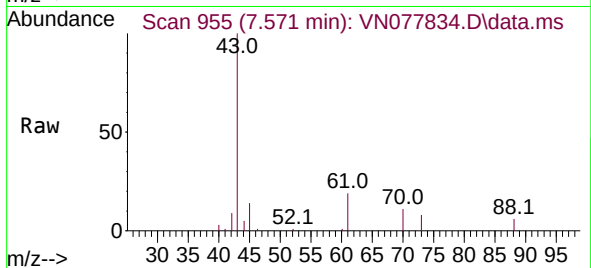
Acq: 24 May 2023 02:38

Instrument :

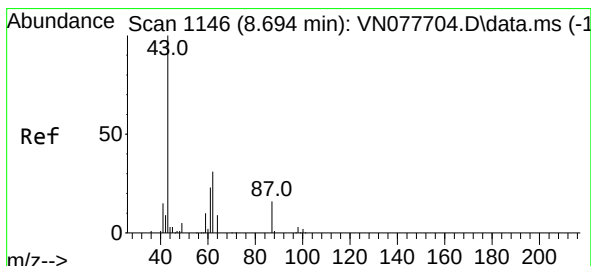
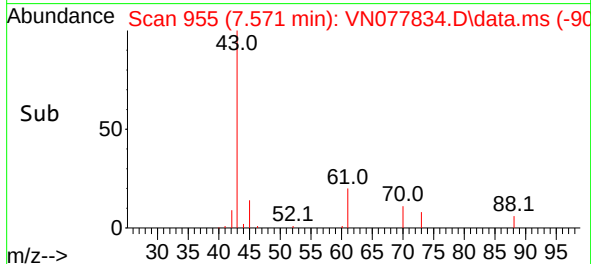
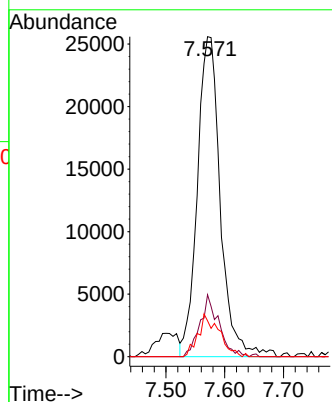
MSVOA_N

ClientSampleId :

PB152982ZHE#01



Tgt Ion:	43	Resp:	69475
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.2	19.8
70	12.1	11.3	16.9



#43

Isopropyl Acetate

Concen: 50.008 ug/l

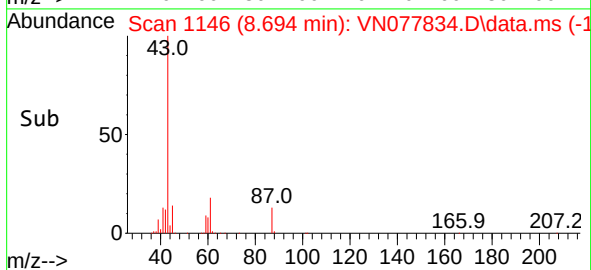
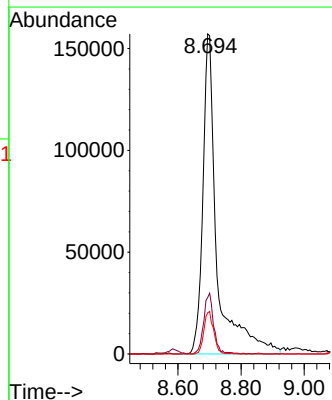
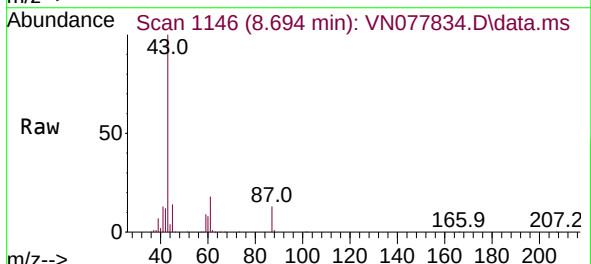
RT: 8.694 min Scan# 1146

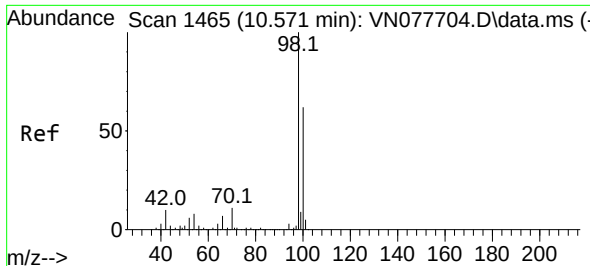
Delta R.T. 0.000 min

Lab File: VN077834.D

Acq: 24 May 2023 02:38

Tgt Ion:	43	Resp:	488462
Ion	Ratio	Lower	Upper
43	100		
61	13.3	24.7	37.1#
87	9.1	14.6	21.8#

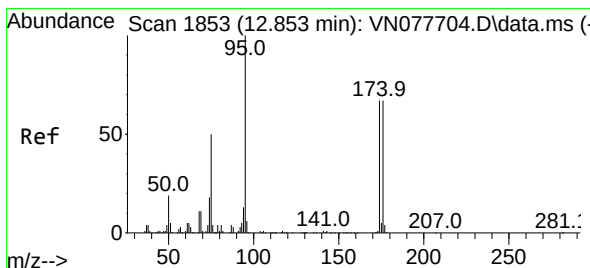
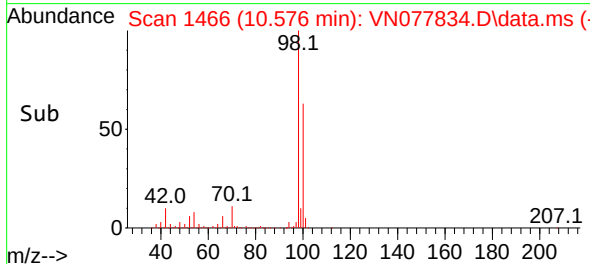
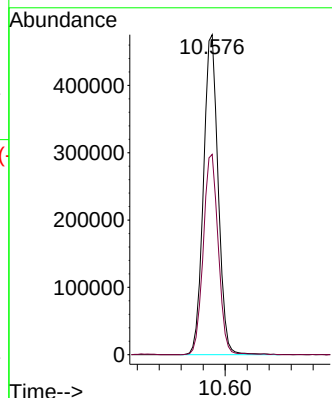
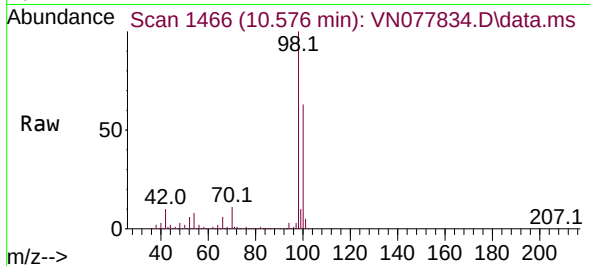




#50
Toluene-d8
Concen: 49.840 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

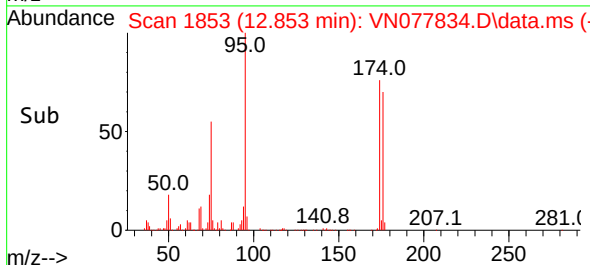
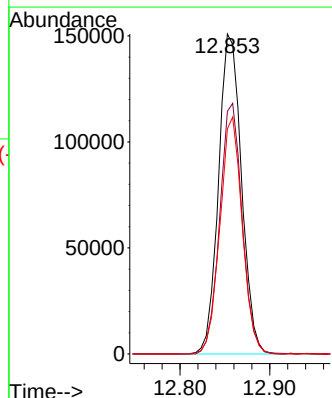
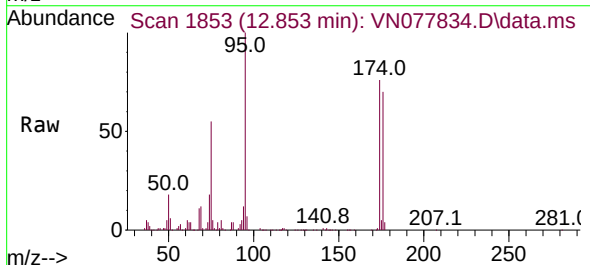
Instrument :
MSVOA_N
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PB152982ZHE#01

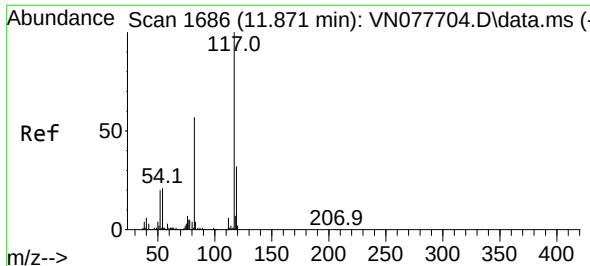
Tgt Ion: 98 Resp: 879973
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.964 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

Tgt Ion: 95 Resp: 267908
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 72.0 0.0 135.8

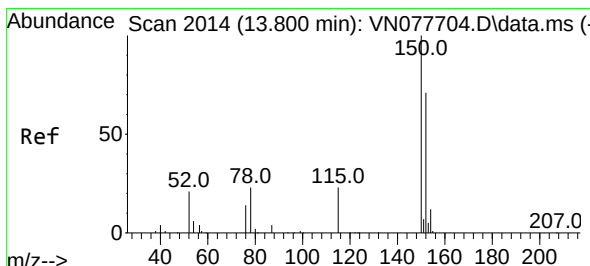
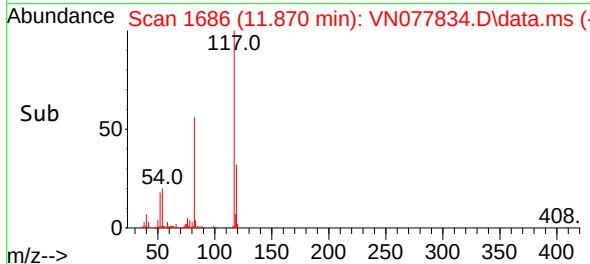
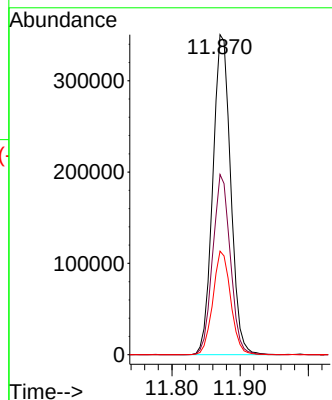
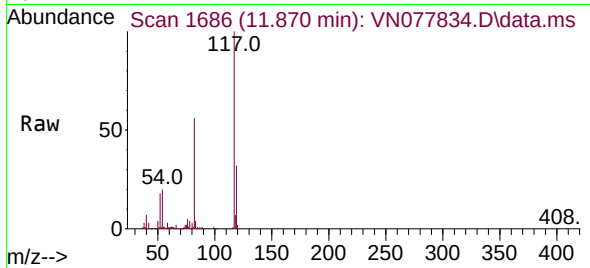




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077834.D
Acq: 24 May 2023 02:38

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#01

Tgt Ion:117 Resp: 638263
Ion Ratio Lower Upper
117 100
82 56.3 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: VN077834.D
Acq: 24 May 2023 02:38

Tgt Ion:152 Resp: 209779
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 158.9 0.0 355.8

