

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077945.D
 Acq On : 27 May 2023 00:27
 Operator : JC\MD
 Sample : 02913-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-70A

Quant Time: May 29 01:40:07 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)

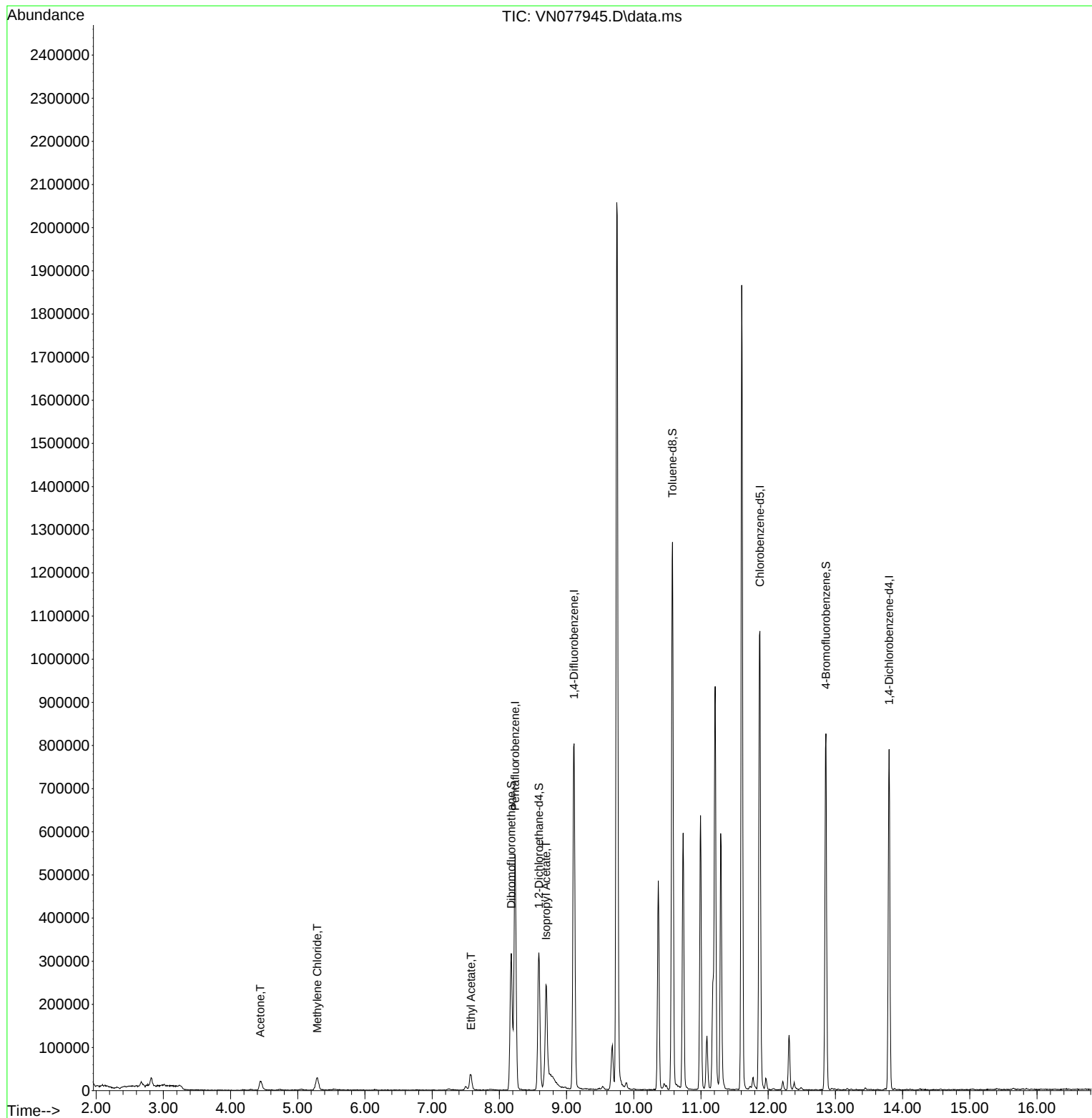
Internal Standards						
1) Pentafluorobenzene	8.235	168	389117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	722234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	657893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	267555	45.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.900%
35) Dibromofluoromethane	8.177	113	225536	47.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	10.576	98	908424	50.113	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.859	95	304997	47.639	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.280%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	40777	22.261	ug/l	99
20) Methylene Chloride	5.288	84	23137	2.995	ug/l	91
37) Ethyl Acetate	7.577	43	54636	8.899	ug/l	96
43) Isopropyl Acetate	8.694	43	355390	35.437	ug/l #	73

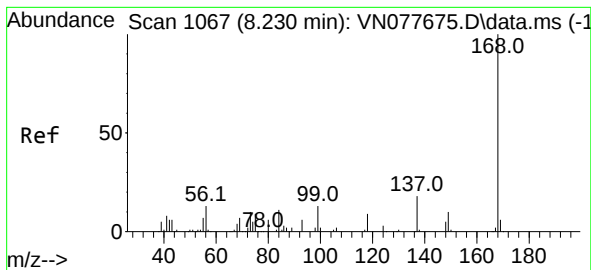
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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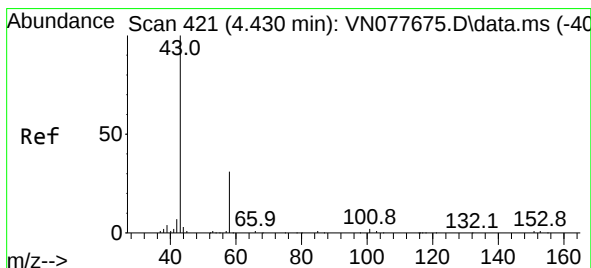
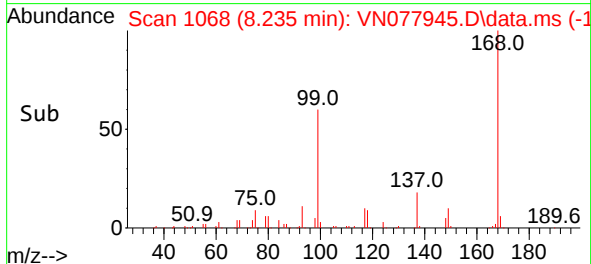
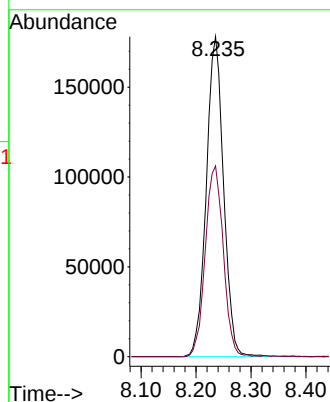
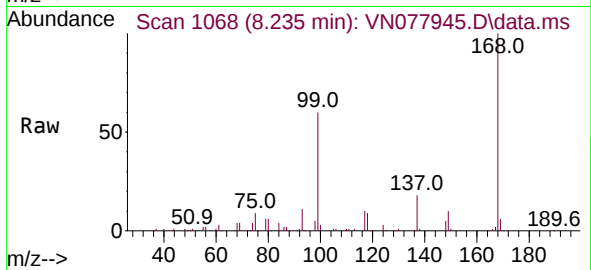




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

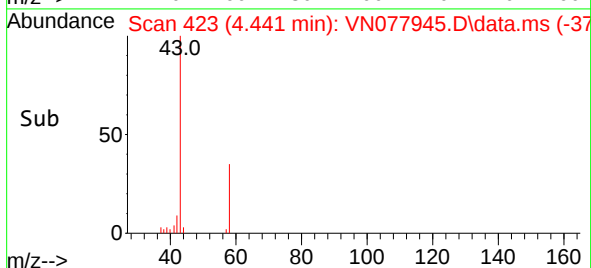
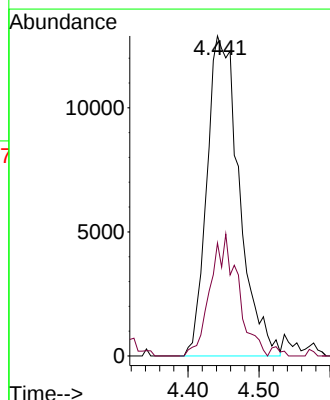
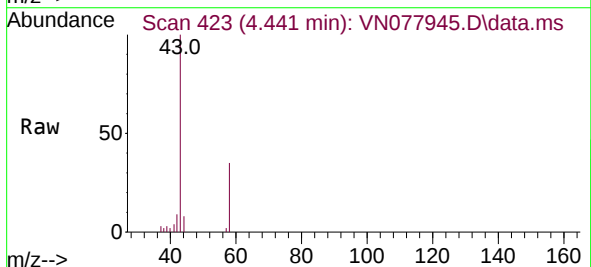
Instrument :
MSVOA_N
ClientSampleId :
TP-70A

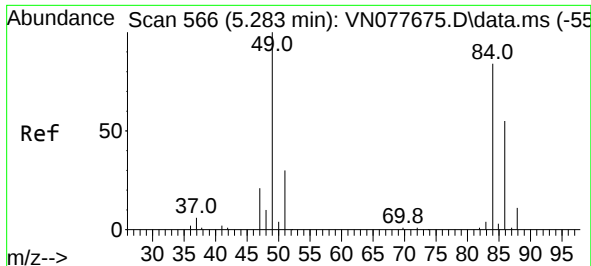
Tgt Ion:168 Resp: 389117
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#16
Acetone
Concen: 22.261 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

Tgt Ion: 43 Resp: 40777
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0

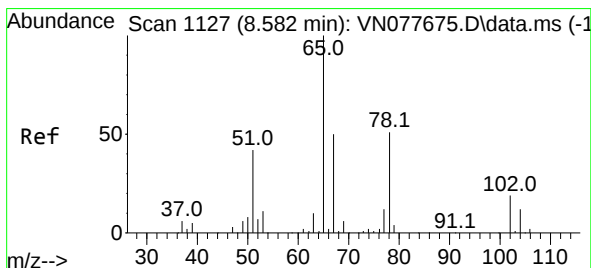
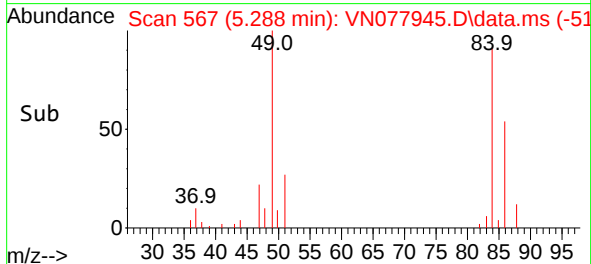
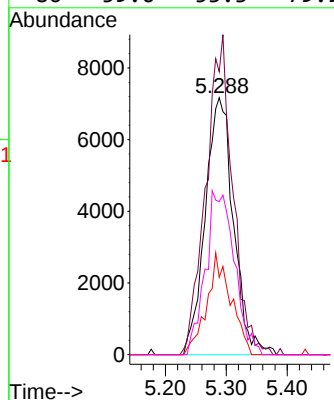
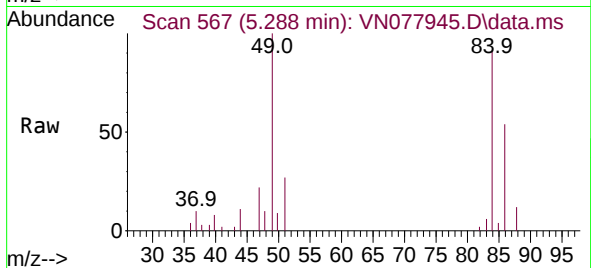




#20
Methylene Chloride
Concen: 2.995 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

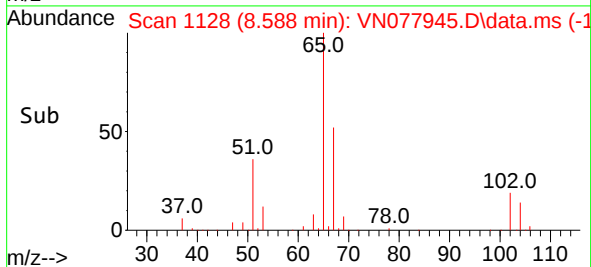
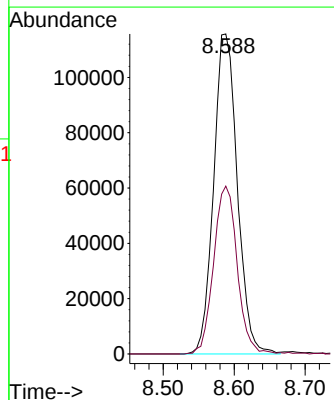
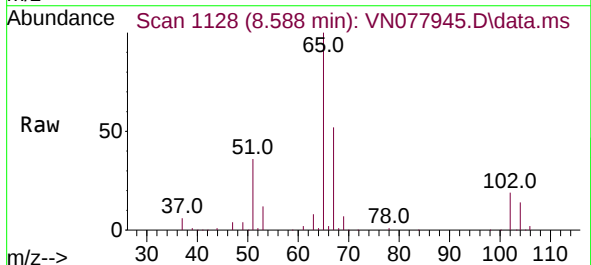
Instrument :
MSVOA_N
ClientSampleId :
TP-70A

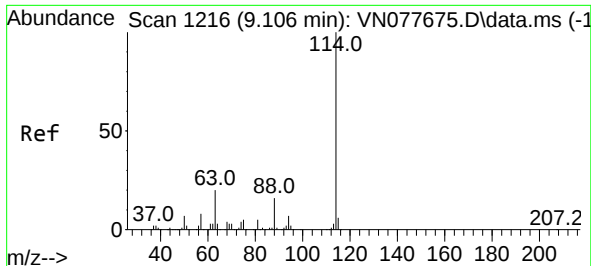
Tgt Ion: 84	Resp: 23137		
Ion	Ratio	Lower	Upper
84	100		
49	110.1	79.7	119.5
51	30.1	25.2	37.8
86	59.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 45.954 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

Tgt Ion: 65	Resp: 267555
Ion Ratio	Lower Upper
65 100	
67 52.2	0.0 106.6

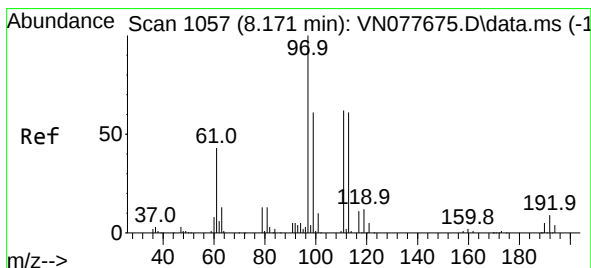
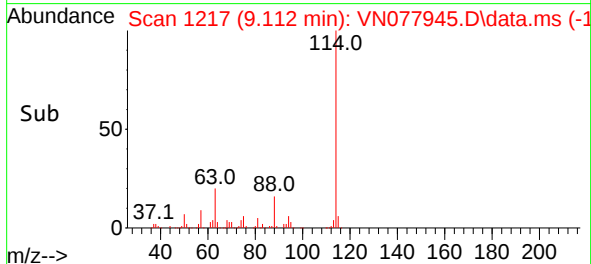
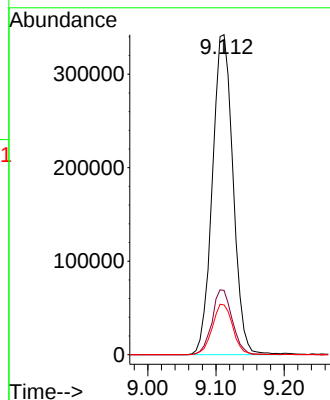
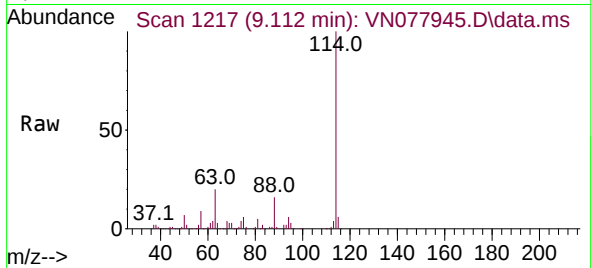




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

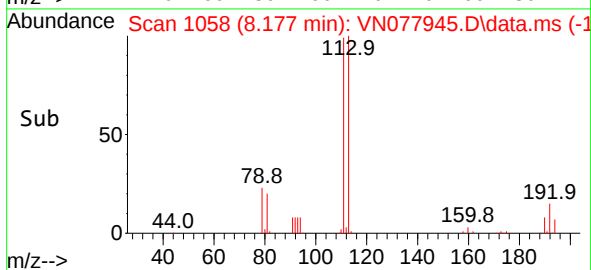
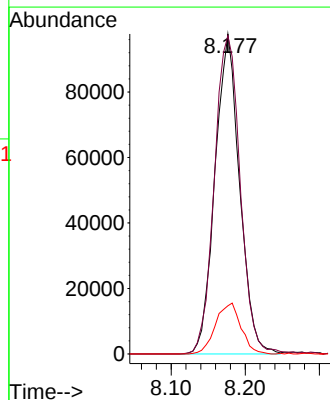
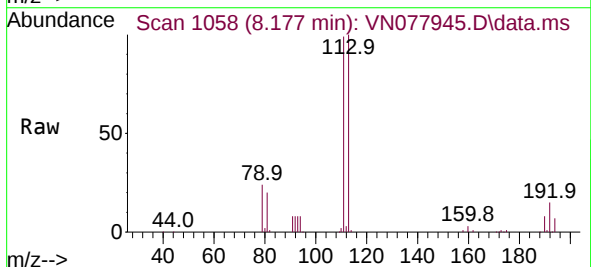
Instrument :
MSVOA_N
ClientSampleId :
TP-70A

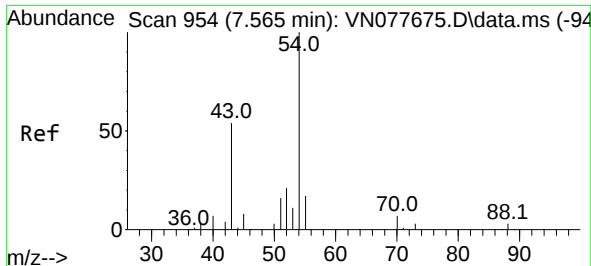
Tgt Ion:114 Resp: 722234
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.889 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

Tgt Ion:113 Resp: 225536
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 16.4 12.7 19.1

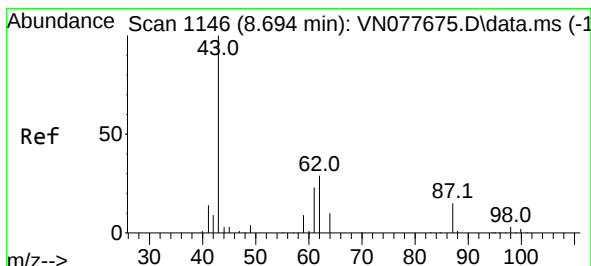
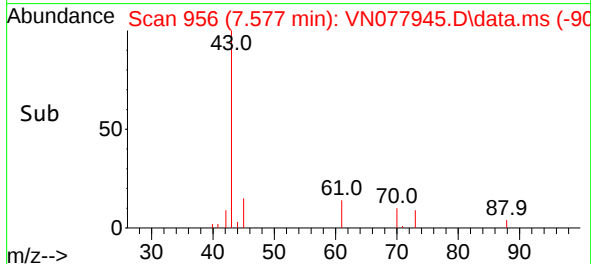
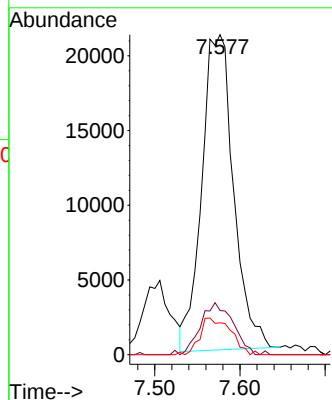
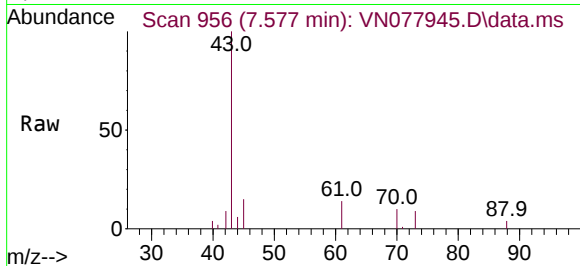




#37
Ethyl Acetate
Concen: 8.899 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

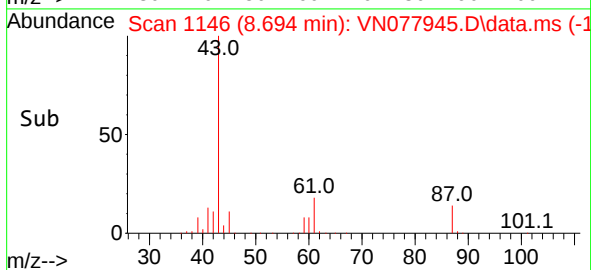
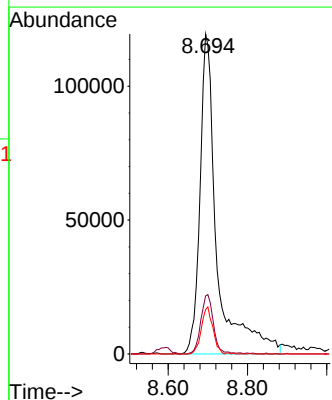
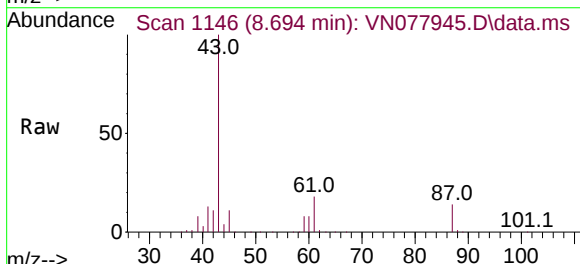
Instrument :
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ClientSampleId :
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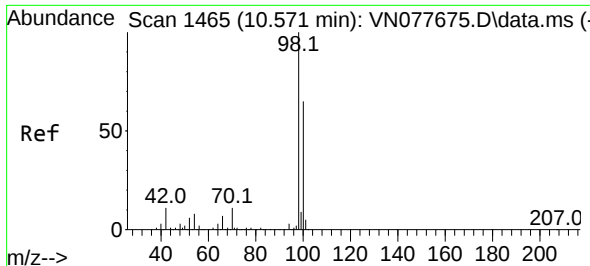
Tgt Ion: 43 Resp: 54636
Ion Ratio Lower Upper
43 100
61 16.9 13.2 19.8
70 11.4 11.3 16.9



#43
Isopropyl Acetate
Concen: 35.437 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

Tgt Ion: 43 Resp: 355390
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 9.9 14.6 21.8#

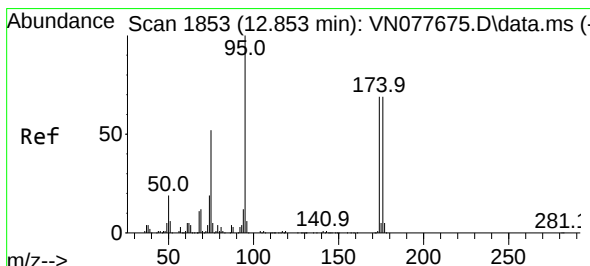
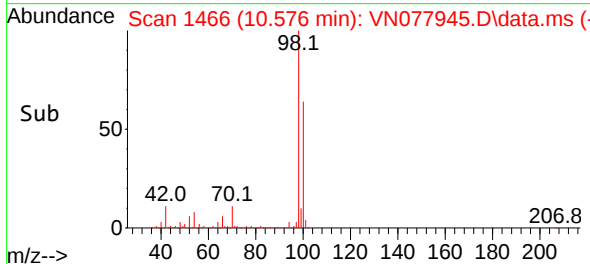
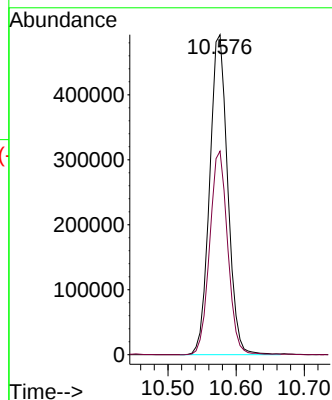
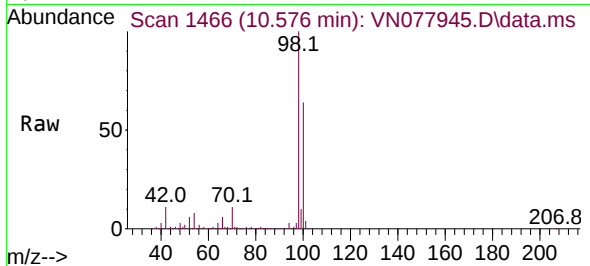




#50
Toluene-d8
Concen: 50.113 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

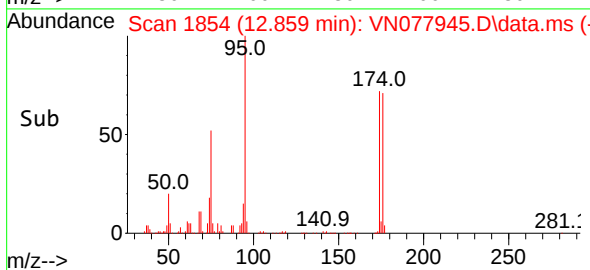
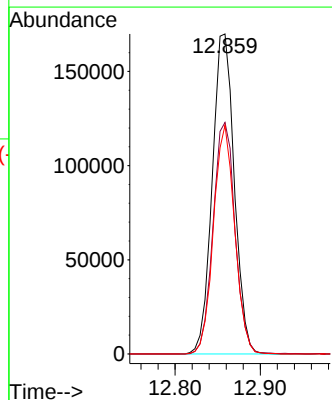
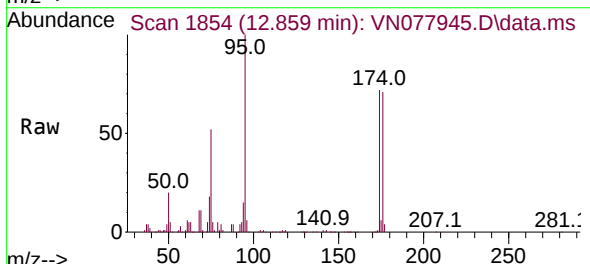
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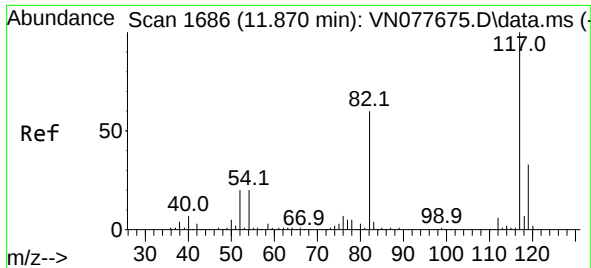
Tgt Ion: 98 Resp: 908424
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.639 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

Tgt Ion: 95 Resp: 304997
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 68.8 0.0 135.8

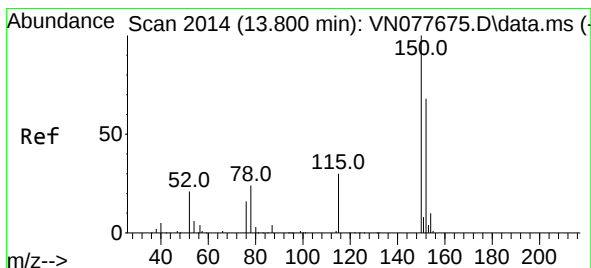
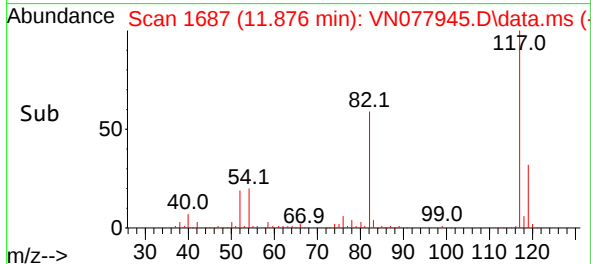
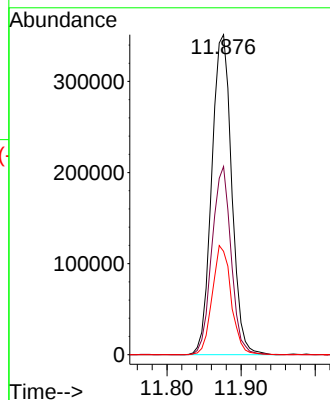
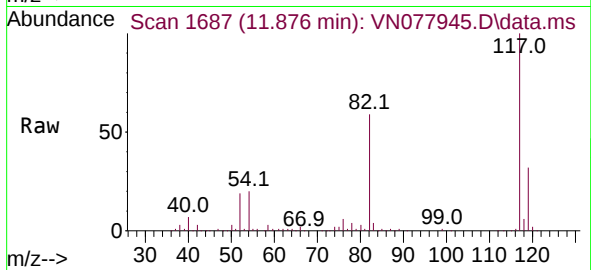




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077945.D
Acq: 27 May 2023 00:27

Instrument :
MSVOA_N
ClientSampleId :
TP-70A

Tgt Ion:117 Resp: 657893
Ion Ratio Lower Upper
117 100
82 58.8 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: VN077945.D
Acq: 27 May 2023 00:27

Tgt Ion:152 Resp: 215387
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 155.8 0.0 355.8

