

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075313.D
 Acq On : 18 Nov 2022 15:30
 Operator : JC\MD
 Sample : PB149142TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149142TB

Quant Time: Nov 19 05:07:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

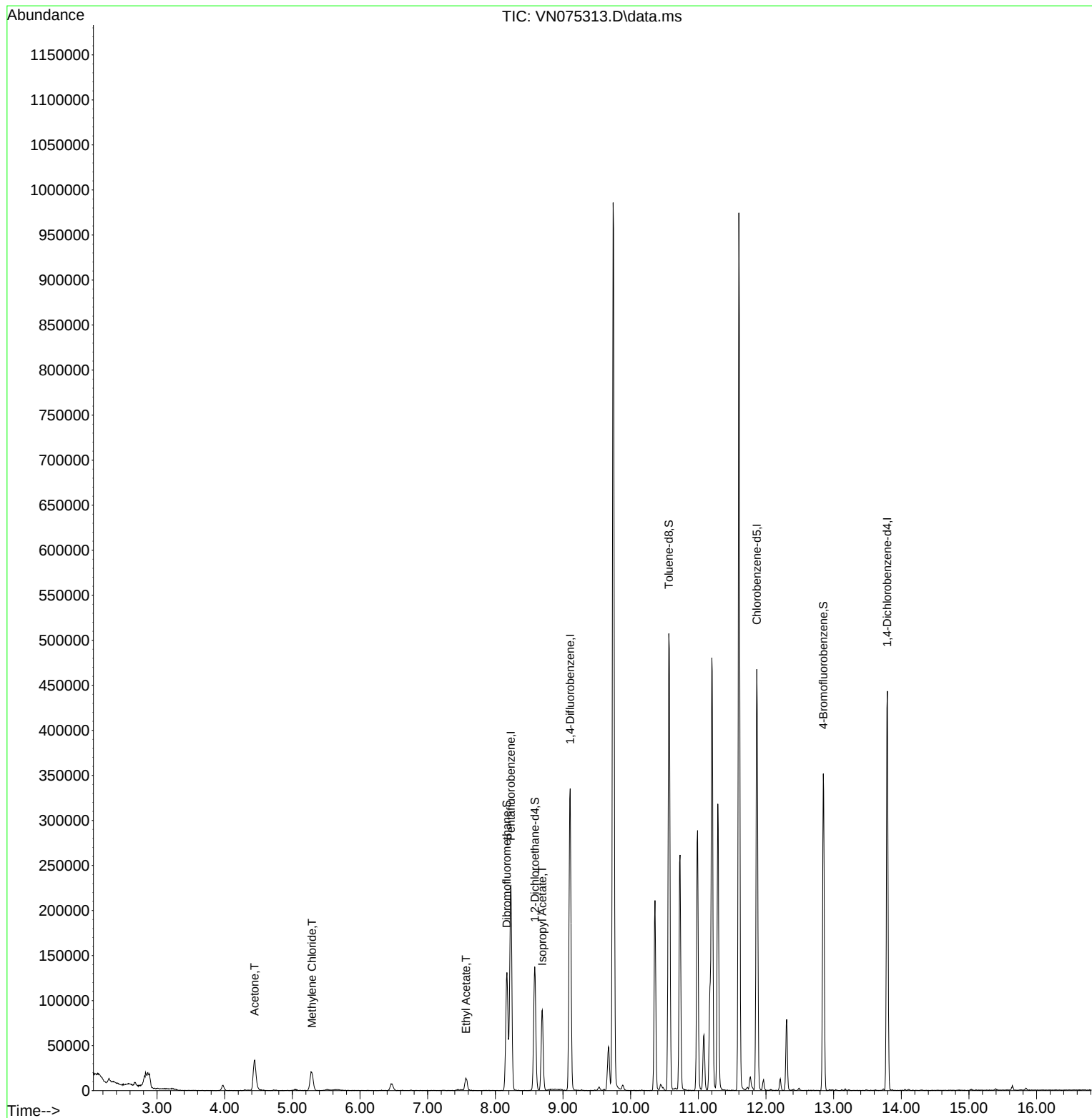
Internal Standards						
1) Pentafluorobenzene	8.229	168	171054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	111965	48.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.160%
35) Dibromofluoromethane	8.171	113	93690	52.147	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	10.565	98	367133	52.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.847	95	121840	49.758	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.520%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	63648	65.221	ug/l	96
20) Methylene Chloride	5.289	84	18243m	8.384	ug/l	
37) Ethyl Acetate	7.565	43	21391	7.012	ug/l	99
43) Isopropyl Acetate	8.694	43	95663	20.217	ug/l #	91

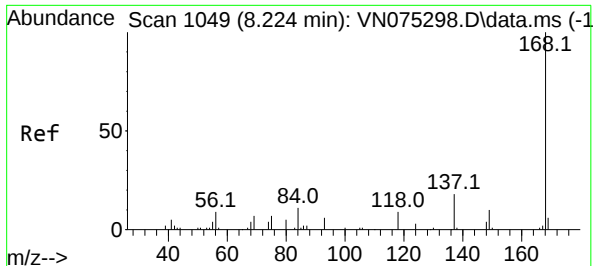
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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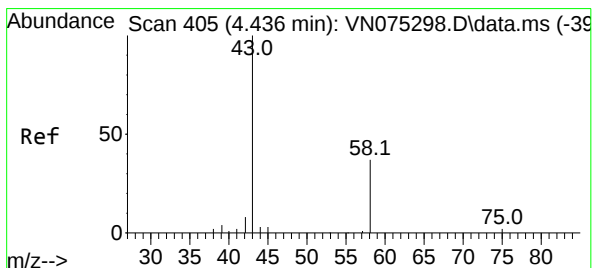
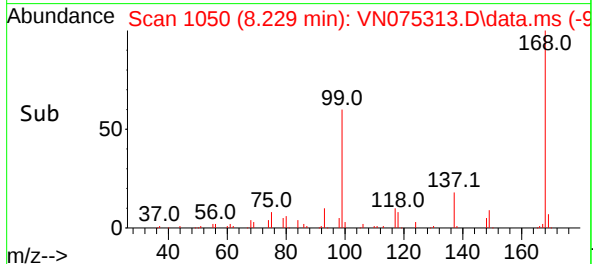
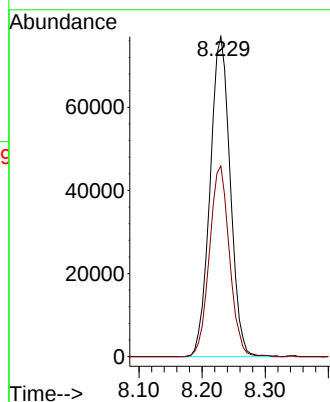
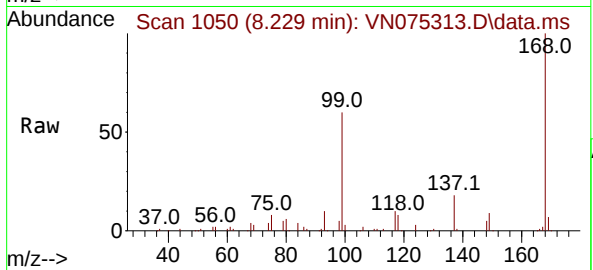




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

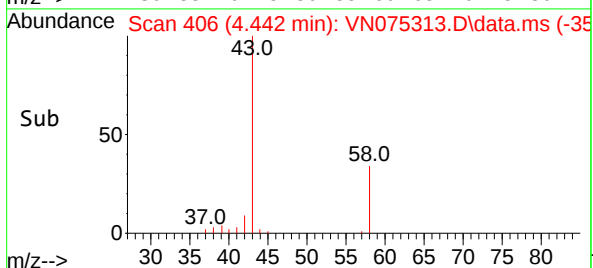
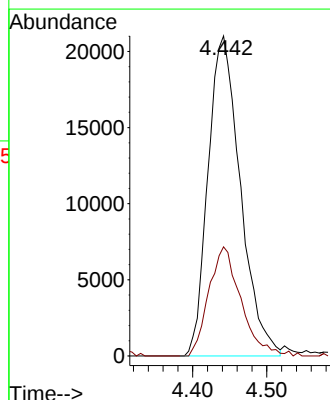
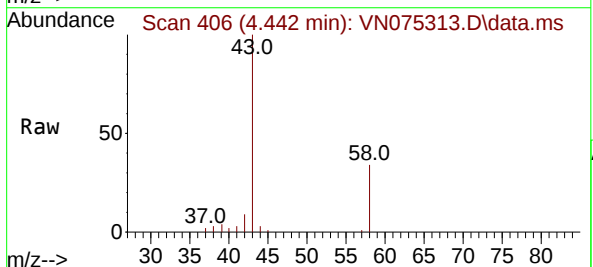
Instrument :
MSVOA_N
ClientSampleId :
PB149142TB

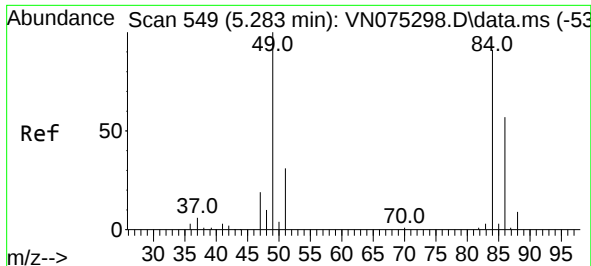
Tgt Ion:168 Resp: 171054
Ion Ratio Lower Upper
168 100
99 59.6 51.6 77.4



#16
Acetone
Concen: 65.221 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 43 Resp: 63648
Ion Ratio Lower Upper
43 100
58 34.1 25.5 38.3

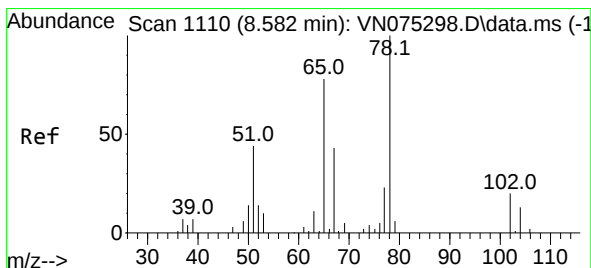
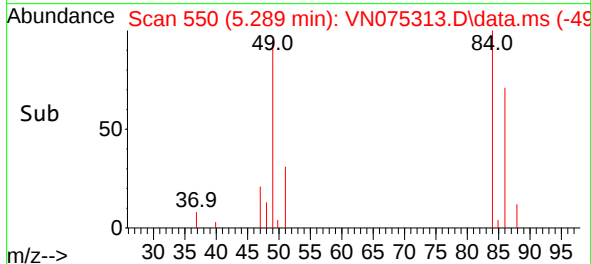
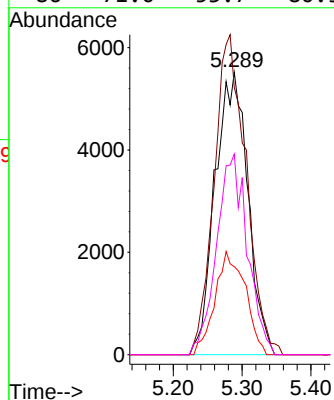
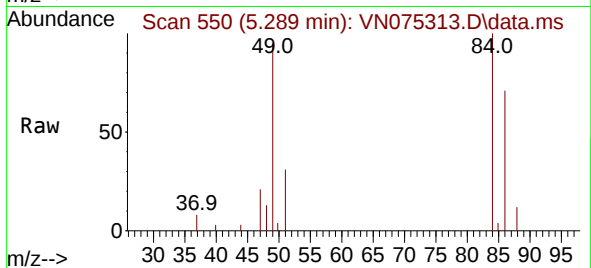




#20
Methylene Chloride
Concen: 8.384 ug/l m
RT: 5.289 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

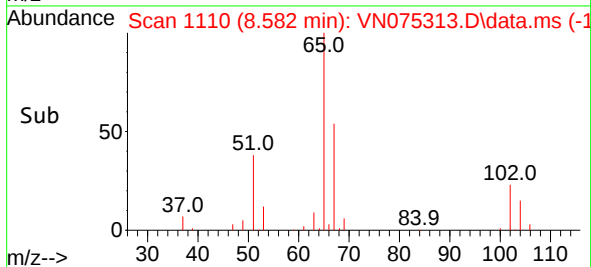
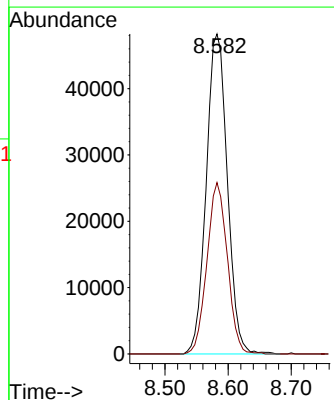
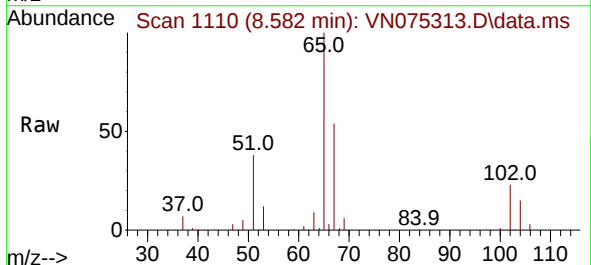
Instrument :
MSVOA_N
ClientSampleId :
PB149142TB

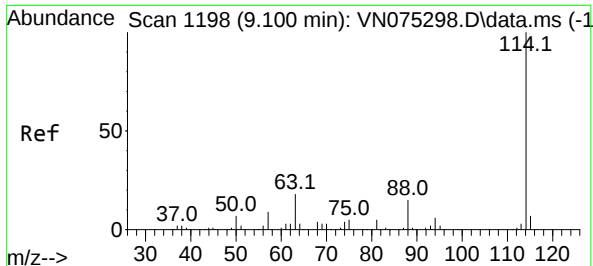
Tgt Ion:	84	Resp:	18243
Ion	Ratio	Lower	Upper
84	100		
49	94.6	94.9	142.3#
51	31.1	26.8	40.2
86	71.0	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 48.580 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion:	65	Resp:	111965
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

PB149142TB

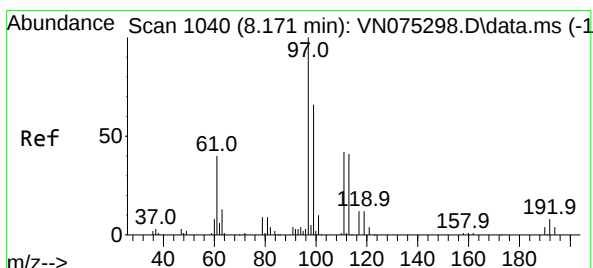
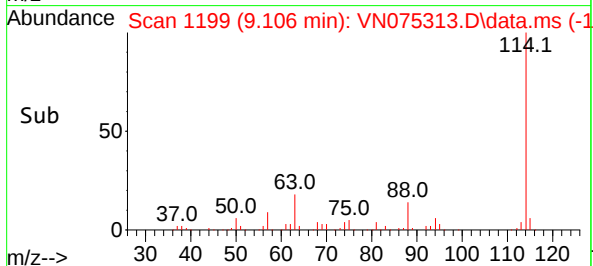
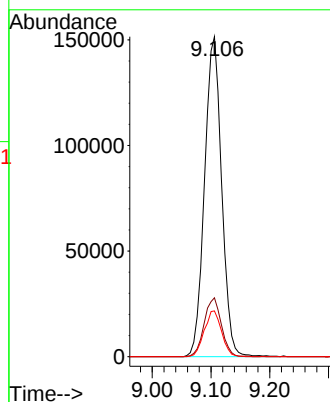
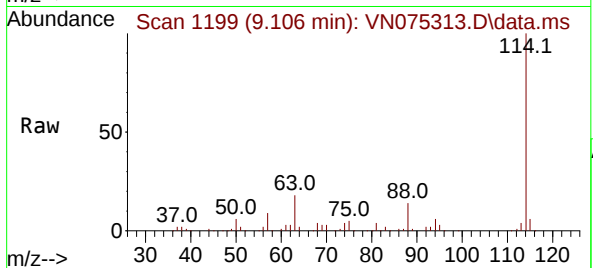
Tgt Ion:114 Resp: 306050

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.147 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075313.D

Acq: 18 Nov 2022 15:30

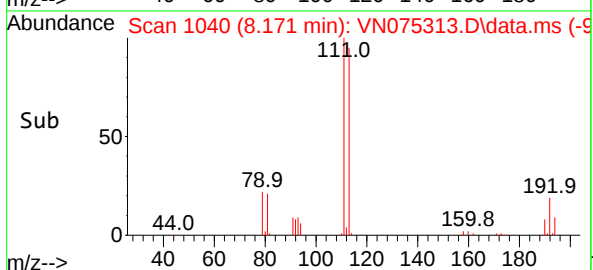
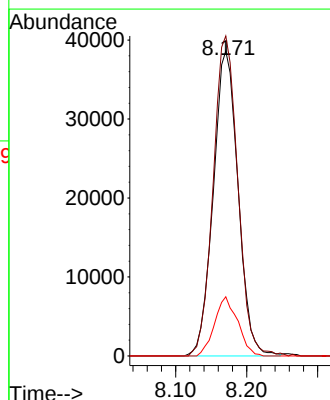
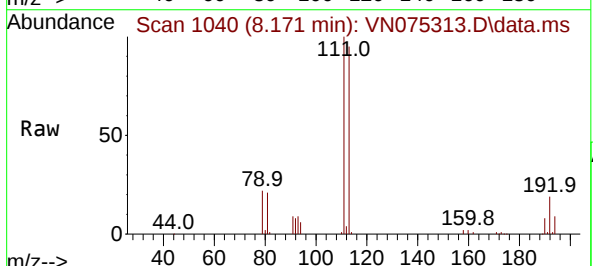
Tgt Ion:113 Resp: 93690

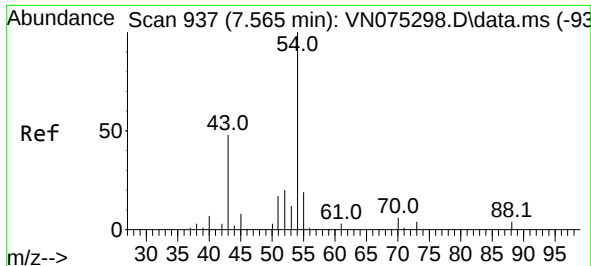
Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 18.1 13.2 19.8

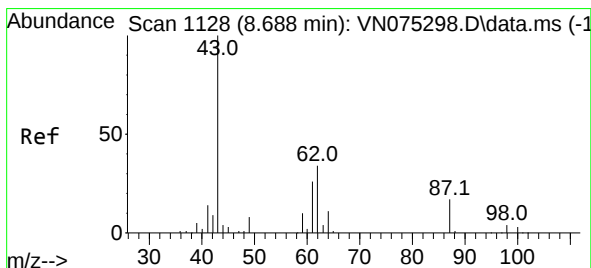
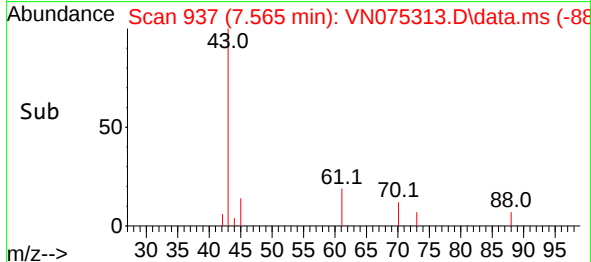
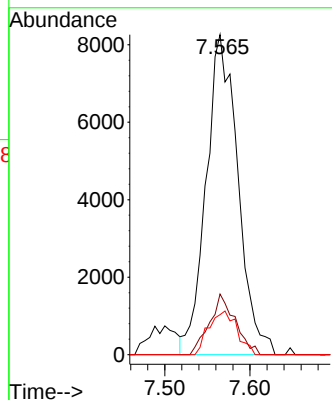
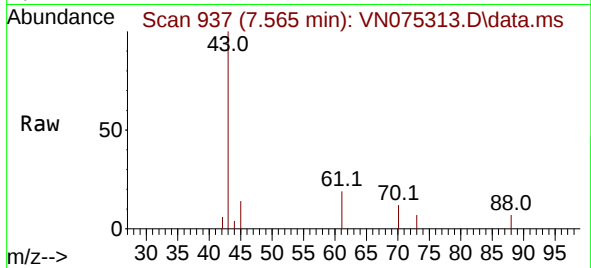




#37
Ethyl Acetate
Concen: 7.012 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

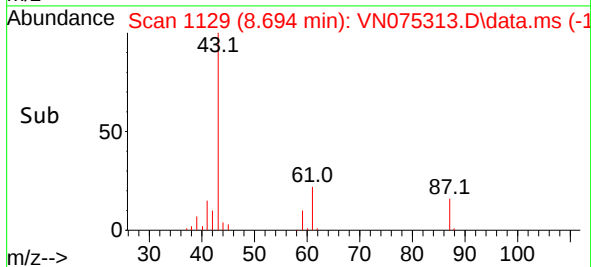
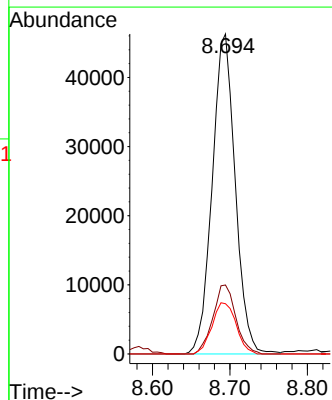
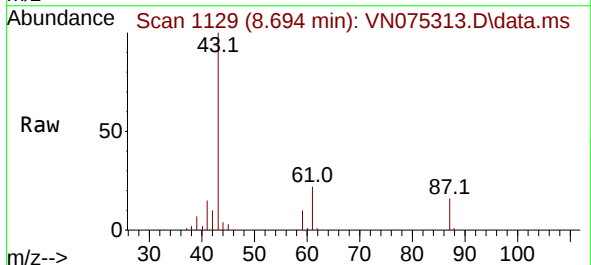
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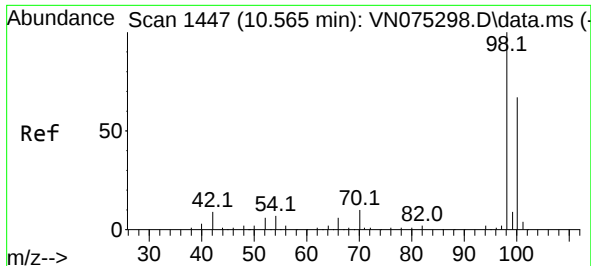
Tgt Ion:	43	Resp:	21391
Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.2	18.4
70	12.1	9.4	14.2



#43
Isopropyl Acetate
Concen: 20.217 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion:	43	Resp:	95663
Ion	Ratio	Lower	Upper
43	100		
61	21.4	22.4	33.6#
87	16.7	12.5	18.7

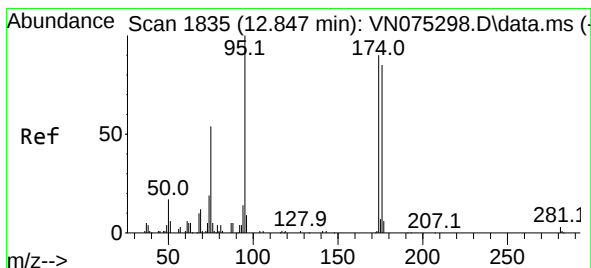
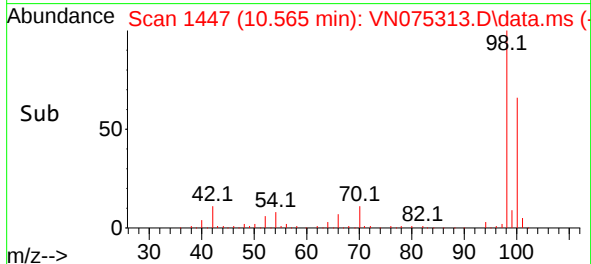
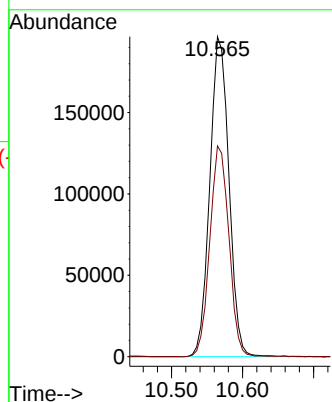
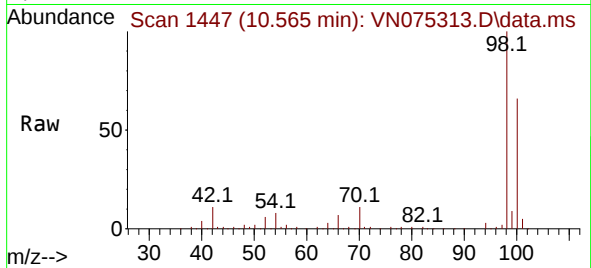




#50
Toluene-d8
Concen: 52.669 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

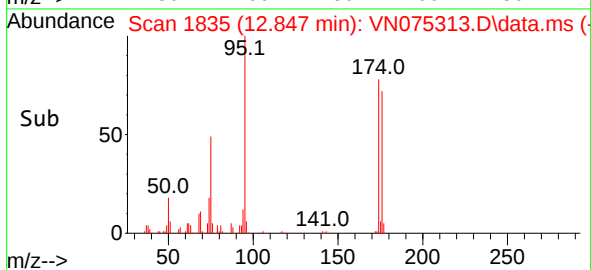
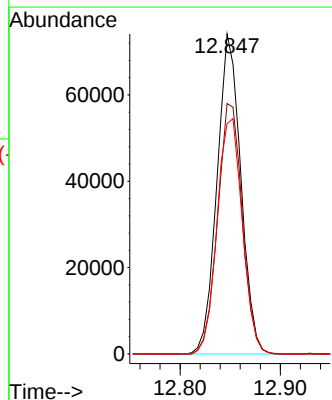
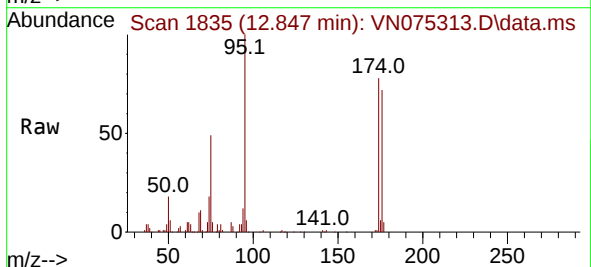
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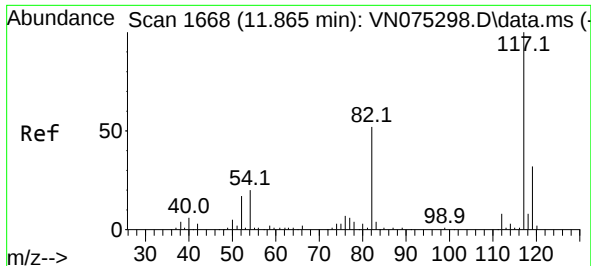
Tgt Ion: 98 Resp: 367133
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.758 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion: 95 Resp: 121840
Ion Ratio Lower Upper
95 100
174 80.8 0.0 147.4
176 78.2 0.0 142.2

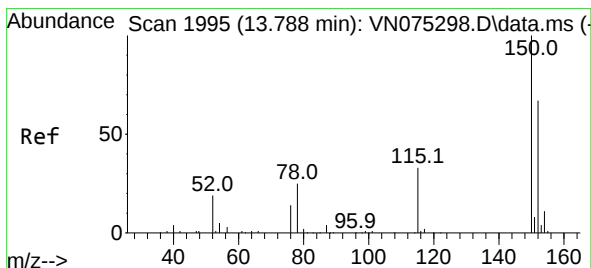
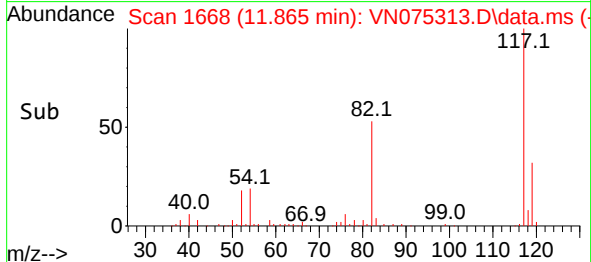
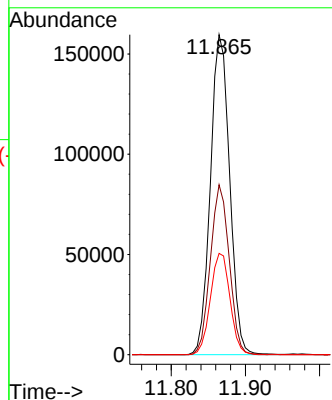
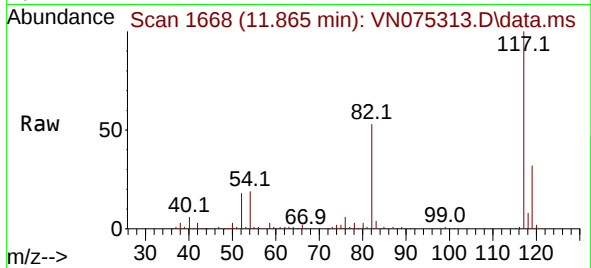




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Instrument :
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ClientSampleId :
PB149142TB

Tgt Ion:117 Resp: 287986
Ion Ratio Lower Upper
117 100
82 53.1 43.1 64.7
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075313.D
Acq: 18 Nov 2022 15:30

Tgt Ion:152 Resp: 123359
Ion Ratio Lower Upper
152 100
115 60.3 30.2 90.6
150 156.3 0.0 348.4

