

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075402.D
 Acq On : 23 Nov 2022 17:35
 Operator : JC\MD
 Sample : PB149245ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149245ZHE#05

Quant Time: Nov 24 06:53:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

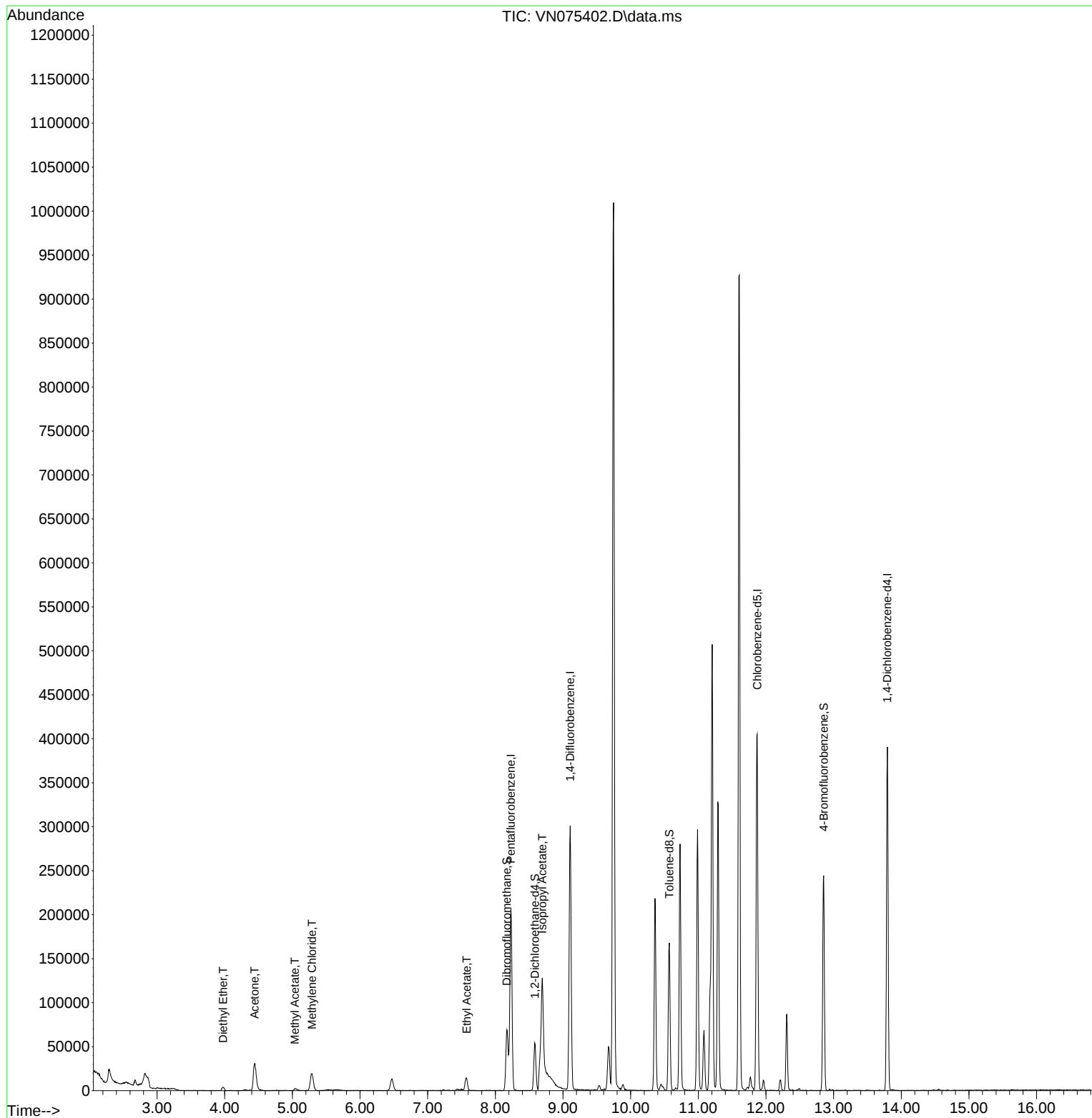
Internal Standards						
1) Pentafluorobenzene	8.230	168	159434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	255494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	43401	50.713	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.420%	
35) Dibromofluoromethane	8.171	113	52635	47.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.100%	
50) Toluene-d8	10.571	98	122877	49.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.853	95	86832	47.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.380%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.977	74	2850	2.977	ug/l	91
16) Acetone	4.442	43	59563	74.615	ug/l	94
18) Methyl Acetate	5.036	43	4734	1.085	ug/l #	86
20) Methylene Chloride	5.289	84	17228	9.610	ug/l	86
37) Ethyl Acetate	7.577	43	22165	10.198	ug/l	98
43) Isopropyl Acetate	8.694	43	182352	52.268	ug/l #	77

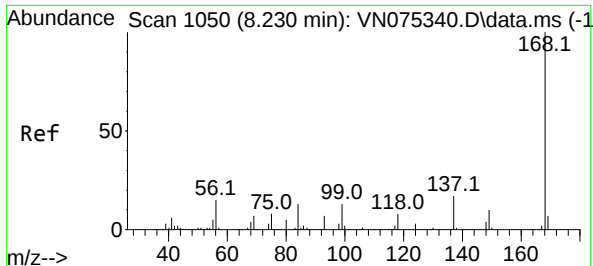
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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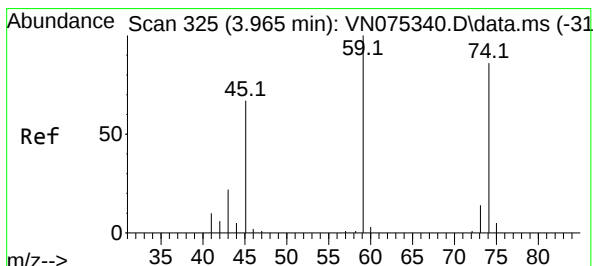
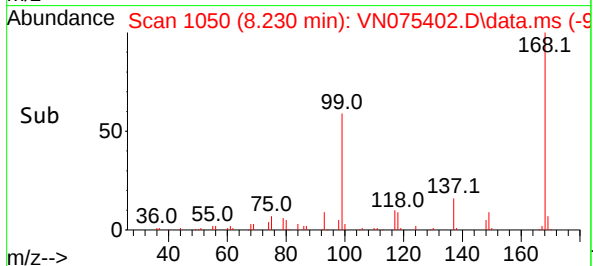
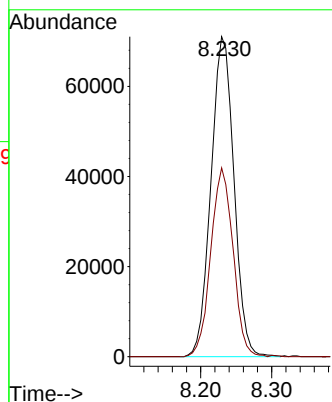
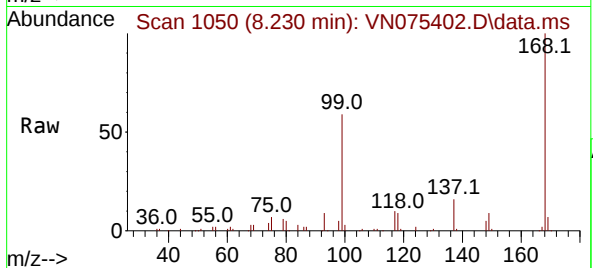




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

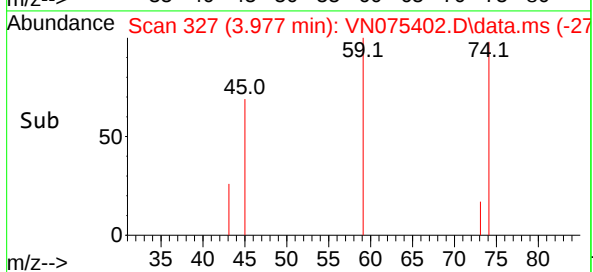
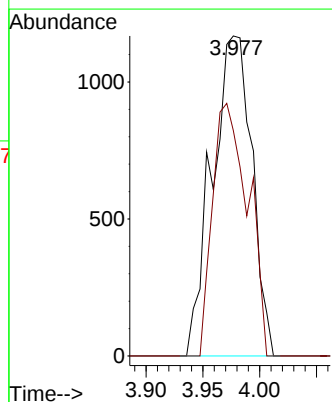
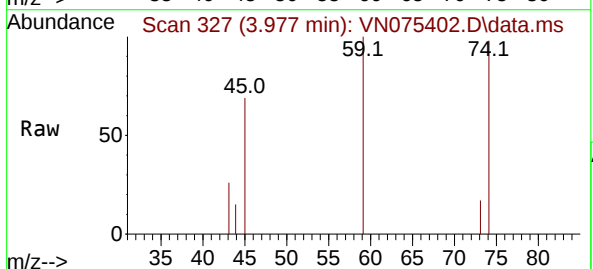
Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#05

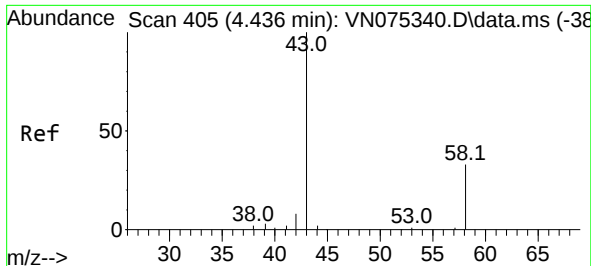
Tgt Ion:168 Resp: 159434
Ion Ratio Lower Upper
168 100
99 59.0 51.6 77.4



#8
Diethyl Ether
Concen: 2.977 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

Tgt Ion: 74 Resp: 2850
Ion Ratio Lower Upper
74 100
45 70.4 39.3 117.9





#16

Acetone

Concen: 74.615 ug/l

RT: 4.442 min Scan# 405

Delta R.T. 0.006 min

Lab File: VN075402.D

Acq: 23 Nov 2022 17:35

Instrument :

MSVOA_N

ClientSampleId :

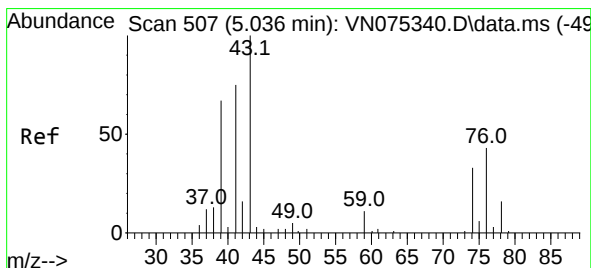
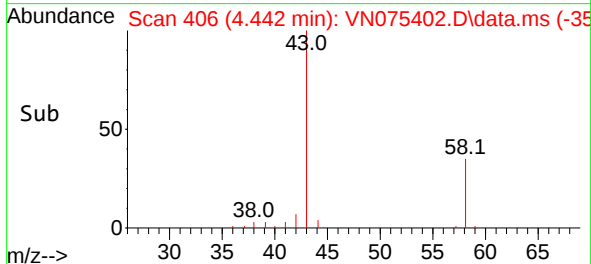
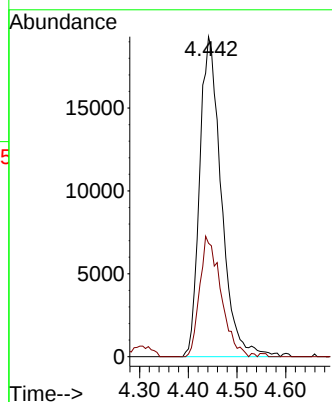
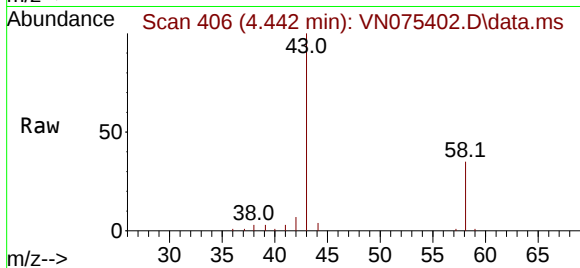
PB149245ZHE#05

Tgt Ion: 43 Resp: 59563

Ion Ratio Lower Upper

43 100

58 35.5 25.5 38.3



#18

Methyl Acetate

Concen: 1.085 ug/l

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN075402.D

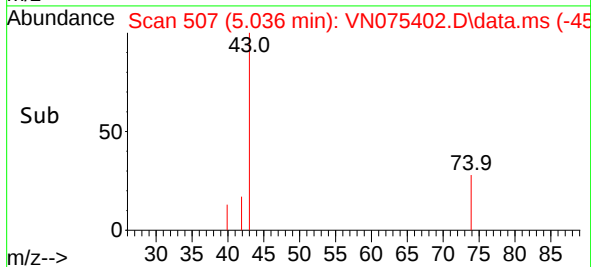
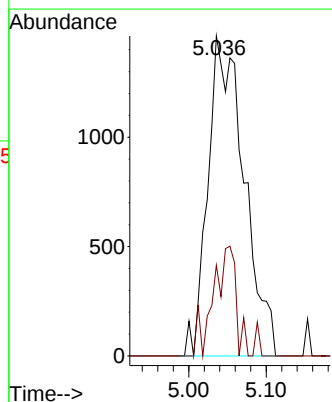
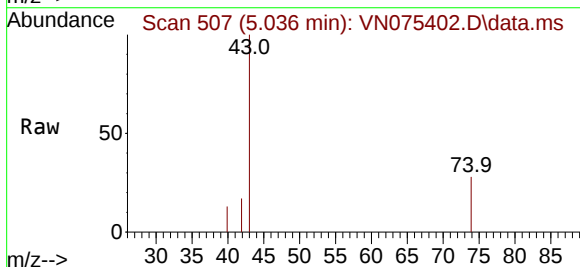
Acq: 23 Nov 2022 17:35

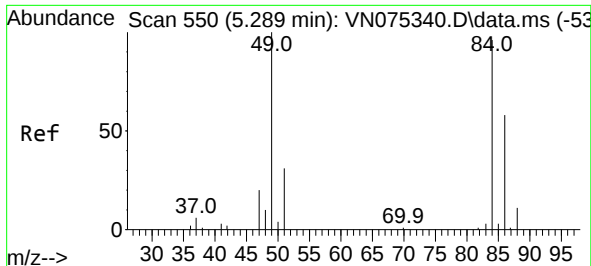
Tgt Ion: 43 Resp: 4734

Ion Ratio Lower Upper

43 100

74 20.1 22.0 33.0#

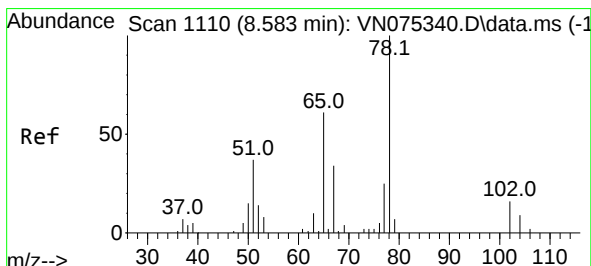
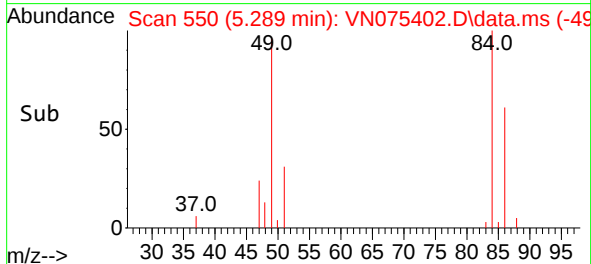
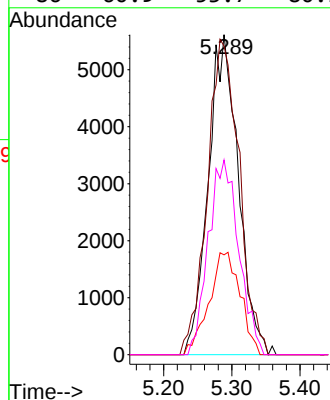
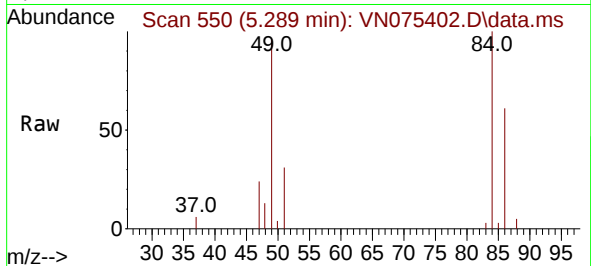




#20
Methylene Chloride
Concen: 9.610 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

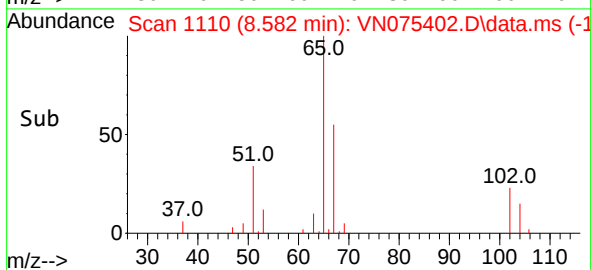
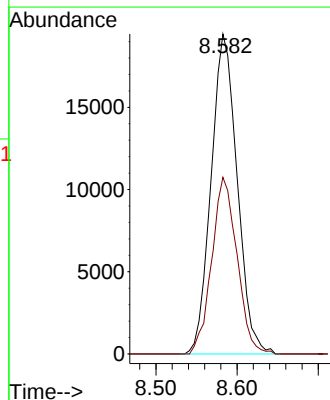
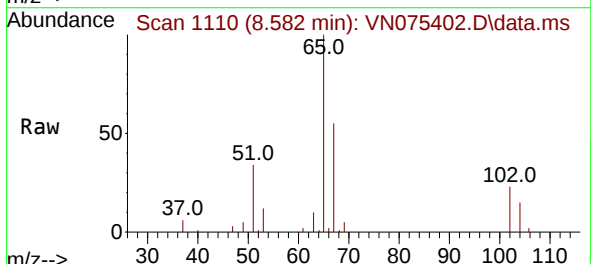
Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#05

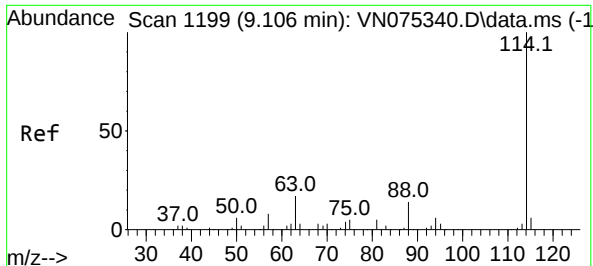
Tgt Ion:	84	Resp:	17228
Ion	Ratio	Lower	Upper
84	100		
49	96.4	94.9	142.3
51	31.2	26.8	40.2
86	60.9	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 50.713 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

Tgt Ion:	65	Resp:	43401
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075402.D

Acq: 23 Nov 2022 17:35

Instrument :

MSVOA_N

ClientSampleId :

PB149245ZHE#05

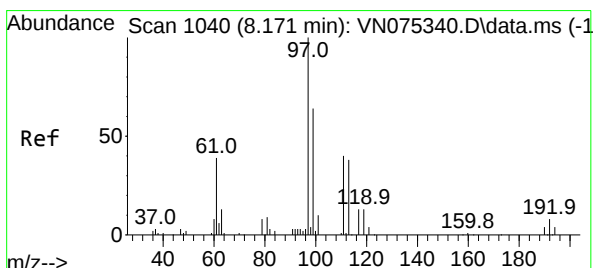
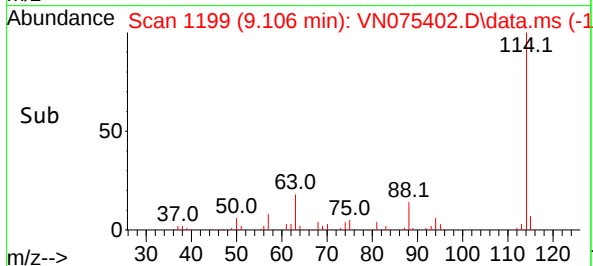
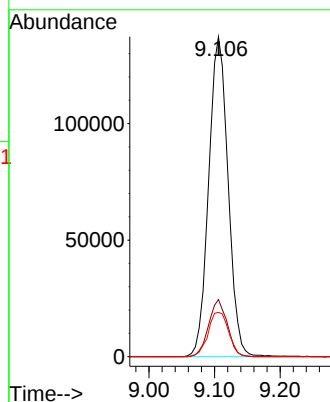
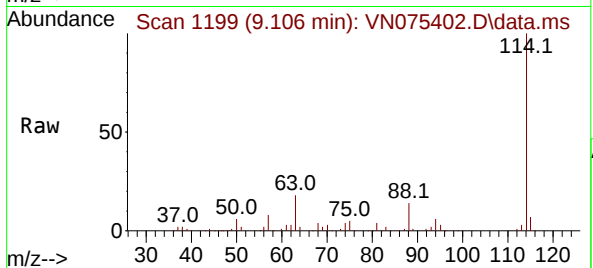
Tgt Ion:114 Resp: 281775

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 13.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 47.552 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075402.D

Acq: 23 Nov 2022 17:35

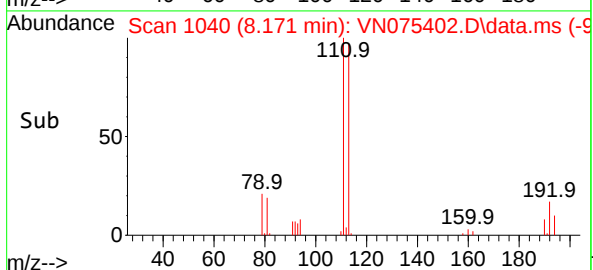
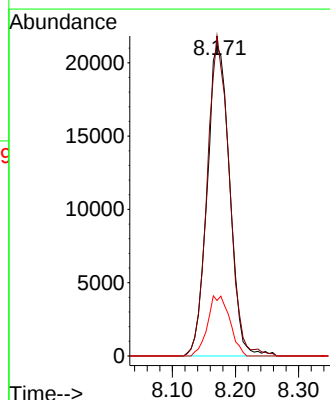
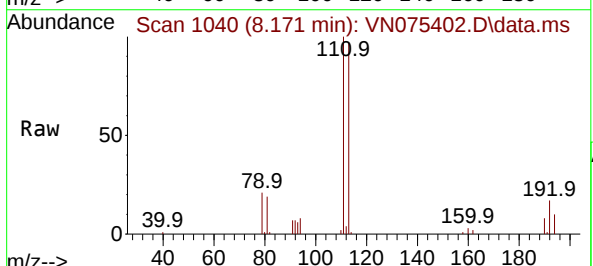
Tgt Ion:113 Resp: 52635

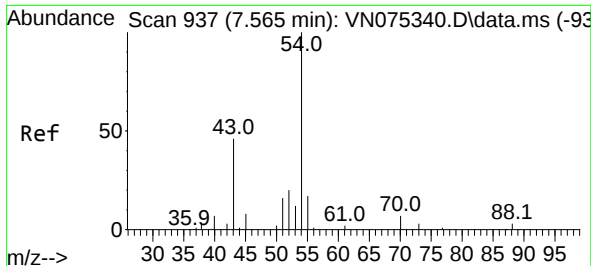
Ion Ratio Lower Upper

113 100

111 100.5 80.5 120.7

192 19.0 13.2 19.8

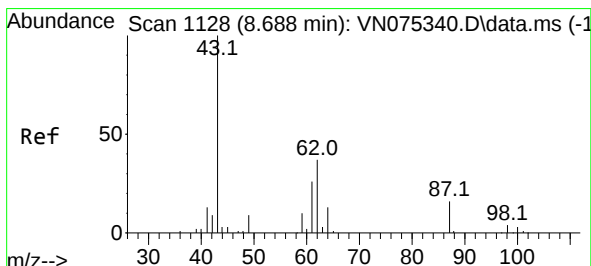
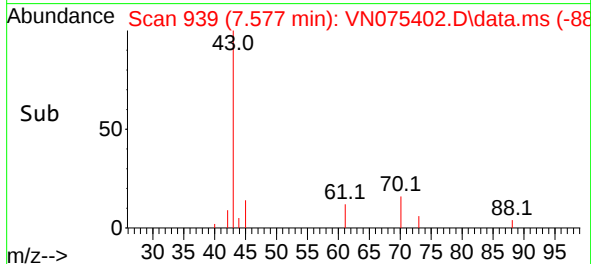
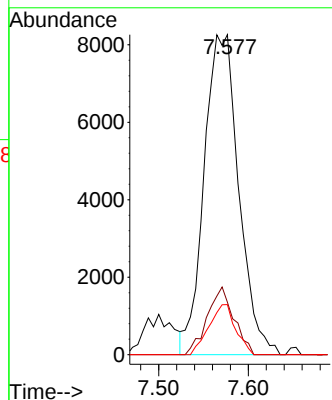
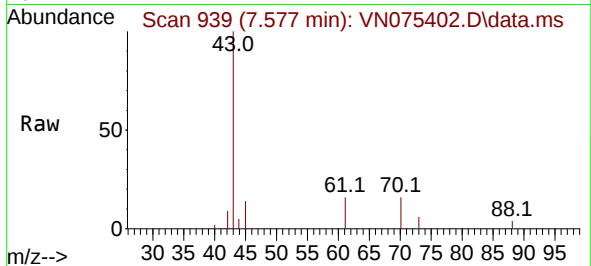




#37
Ethyl Acetate
Concen: 10.198 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

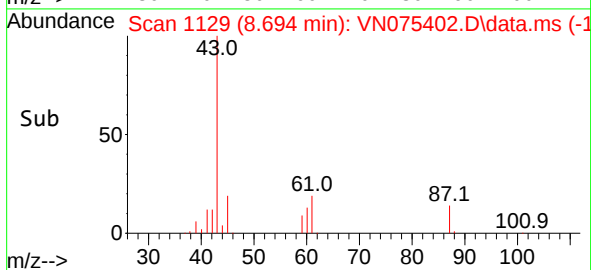
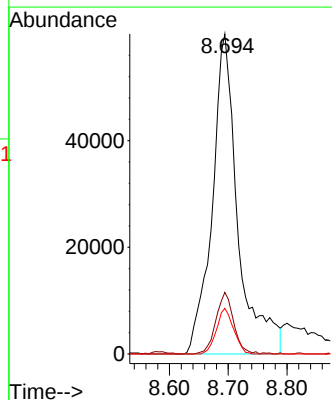
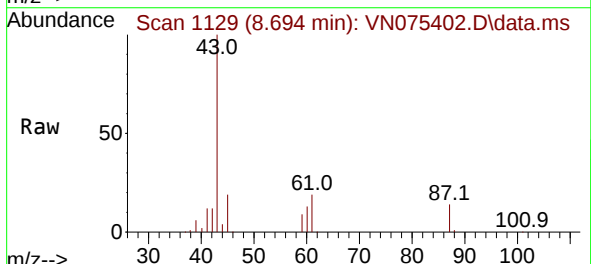
Instrument :
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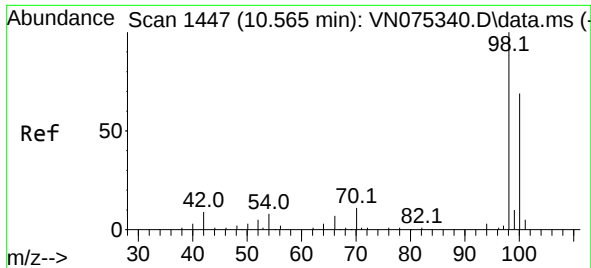
Tgt Ion: 43 Resp: 22165
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 12.1 9.4 14.2



#43
Isopropyl Acetate
Concen: 52.268 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

Tgt Ion: 43 Resp: 182352
Ion Ratio Lower Upper
43 100
61 13.3 22.4 33.6#
87 9.5 12.5 18.7#

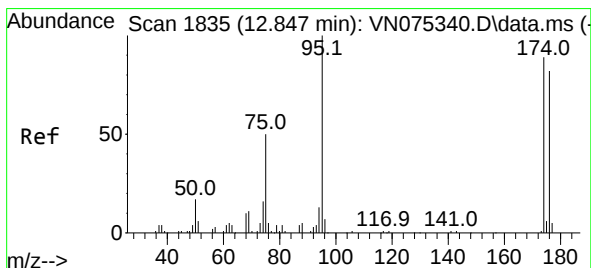
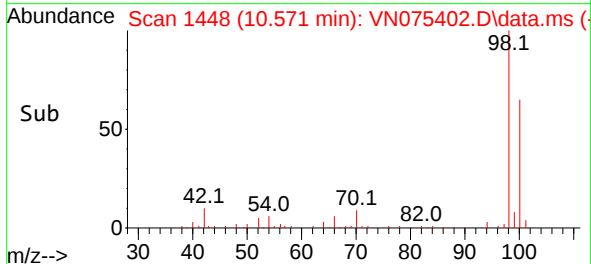
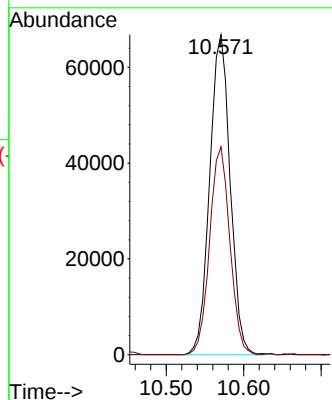
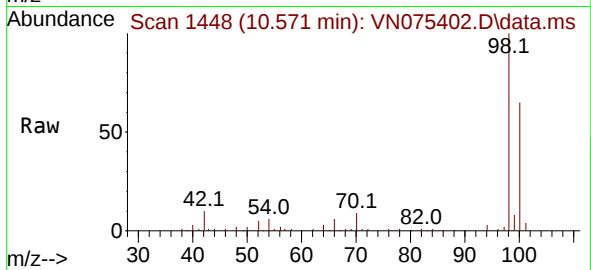




#50
Toluene-d8
Concen: 49.288 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

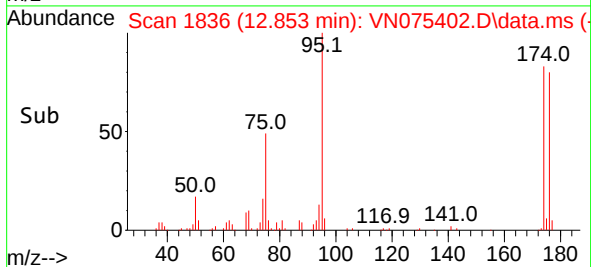
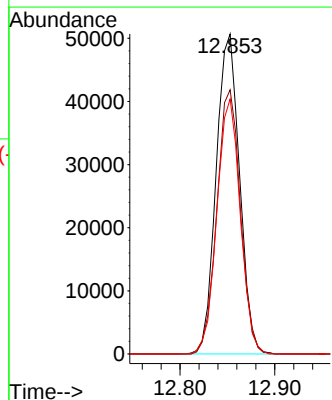
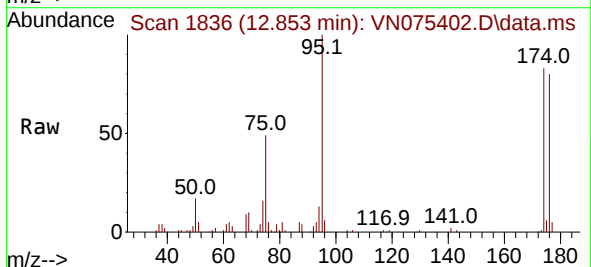
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PB149245ZHE#05

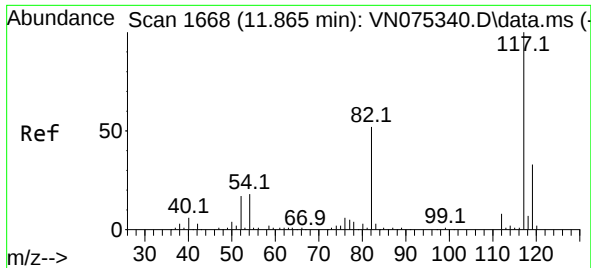
Tgt Ion: 98 Resp: 122877
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.188 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

Tgt Ion: 95 Resp: 86832
Ion Ratio Lower Upper
95 100
174 83.1 0.0 147.4
176 79.5 0.0 142.2

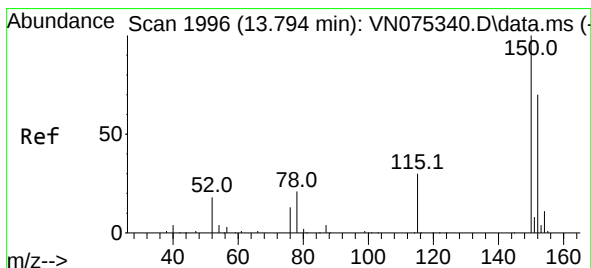
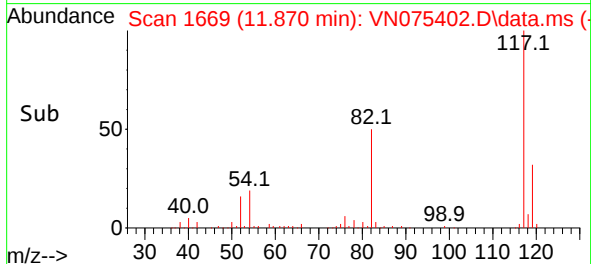
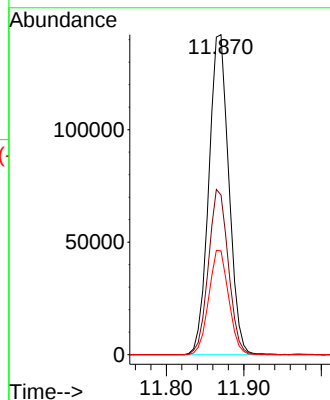
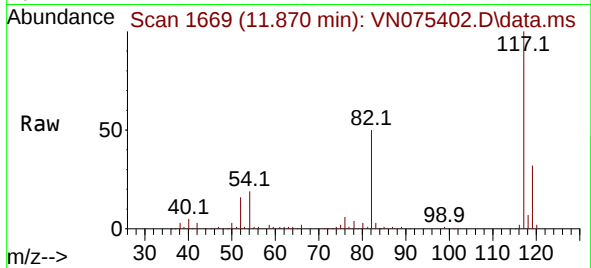




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075402.D
Acq: 23 Nov 2022 17:35

Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#05

Tgt Ion:117 Resp: 255494
Ion Ratio Lower Upper
117 100
82 49.9 43.1 64.7
119 32.4 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: VN075402.D
Acq: 23 Nov 2022 17:35

Tgt Ion:152 Resp: 111794
Ion Ratio Lower Upper
152 100
115 60.1 30.2 90.6
150 158.3 0.0 348.4

