

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075367.D
 Acq On : 22 Nov 2022 14:56
 Operator : JC\MD
 Sample : PB149227TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149227TB

Quant Time: Nov 23 07:09:36 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)

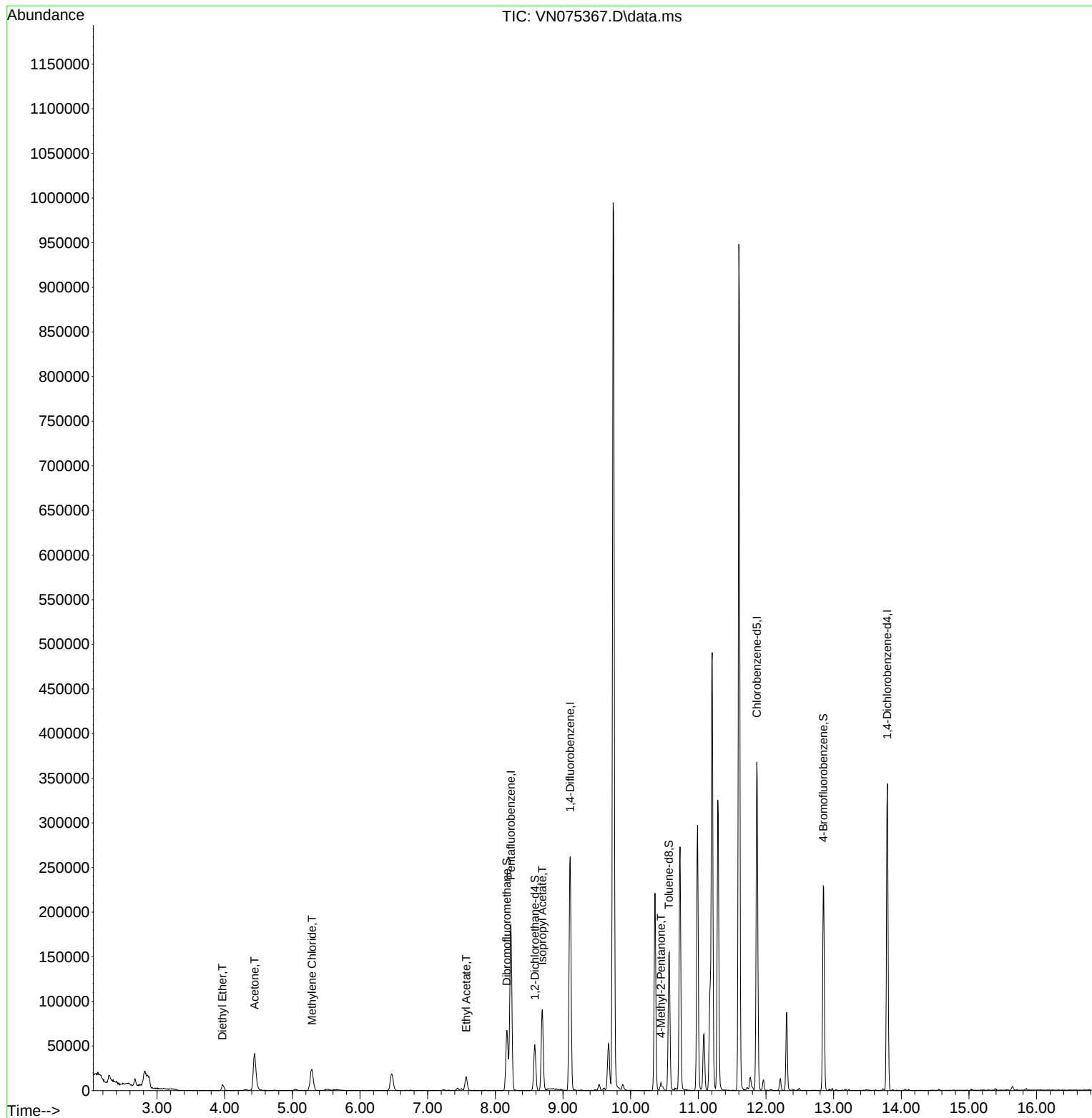
Internal Standards						
1) Pentafluorobenzene	8.229	168	141354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	40431	53.285	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.580%	
35) Dibromofluoromethane	8.171	113	49334	51.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	10.565	98	112822	52.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.847	95	80304	50.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.480%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.965	74	4290	5.055	ug/l	91
16) Acetone	4.441	43	76325	107.842	ug/l	96
20) Methylene Chloride	5.288	84	21144	13.807	ug/l #	91
37) Ethyl Acetate	7.571	43	22018m	11.663	ug/l	
43) Isopropyl Acetate	8.694	43	98856	32.622	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	8437	4.371	ug/l #	69

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

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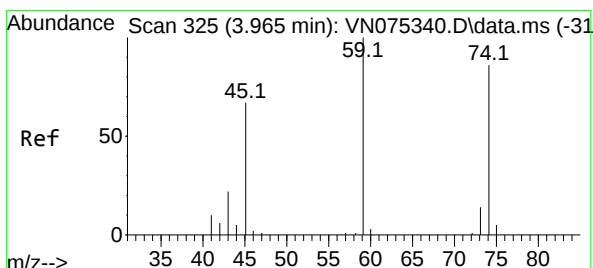
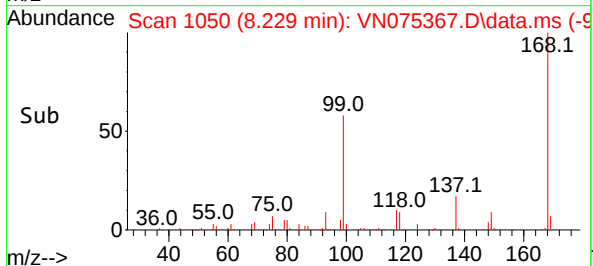
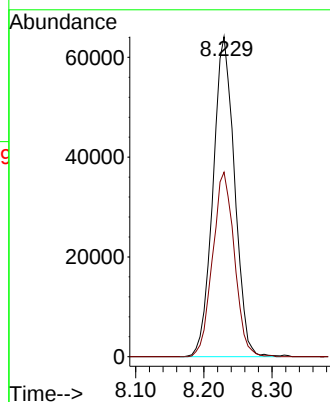
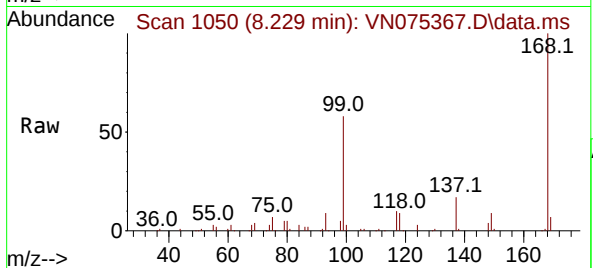




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075367.D
Acq: 22 Nov 2022 14:56

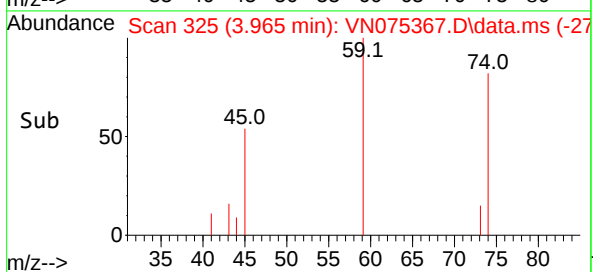
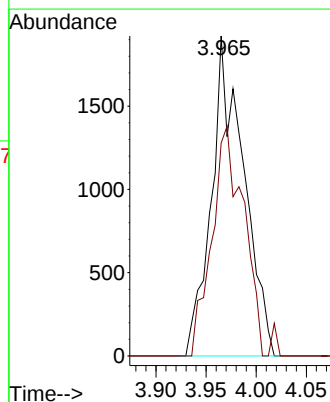
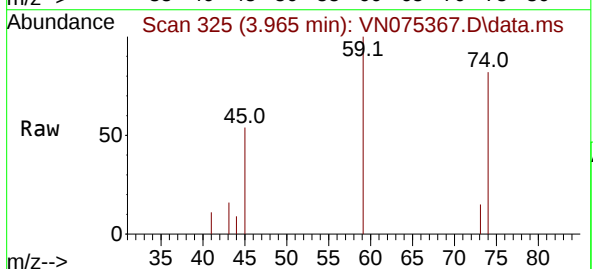
Instrument :
MSVOA_N
ClientSampleId :
PB149227TB

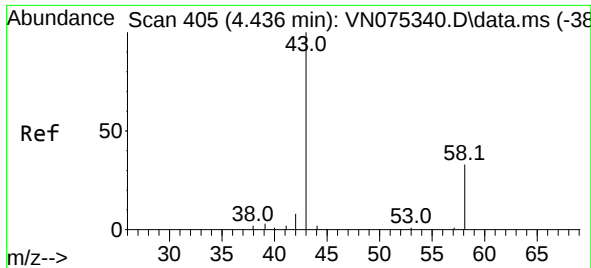
Tgt Ion:168 Resp: 141354
Ion Ratio Lower Upper
168 100
99 57.7 51.6 77.4



#8
Diethyl Ether
Concen: 5.055 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN075367.D
Acq: 22 Nov 2022 14:56

Tgt Ion: 74 Resp: 4290
Ion Ratio Lower Upper
74 100
45 70.9 39.3 117.9

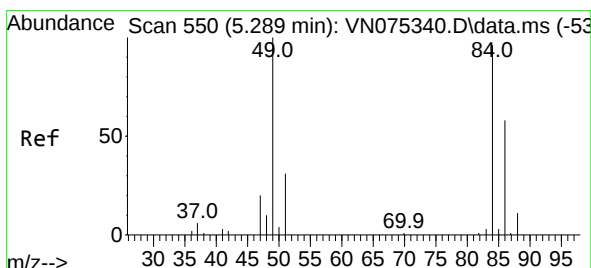
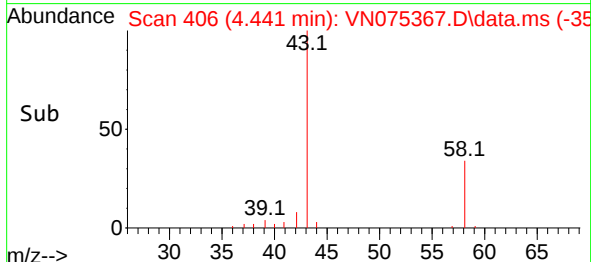
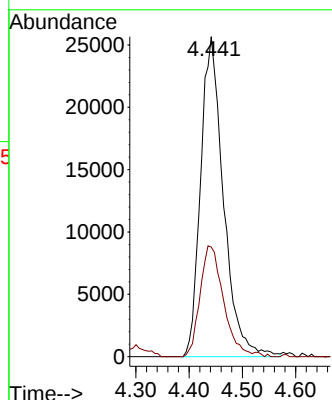
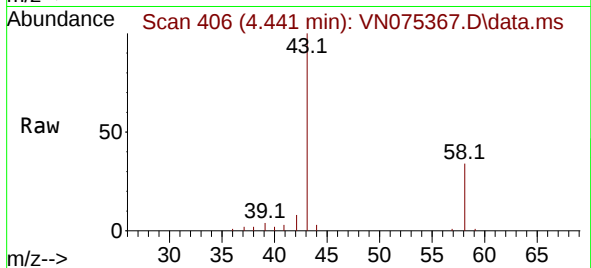




#16
Acetone
Concen: 107.842 ug/l
RT: 4.441 min Scan# 405
Delta R.T. 0.005 min
Lab File: VN075367.D
Acq: 22 Nov 2022 14:56

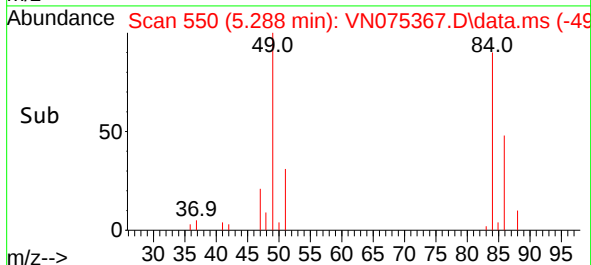
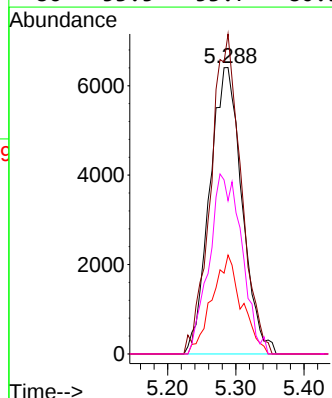
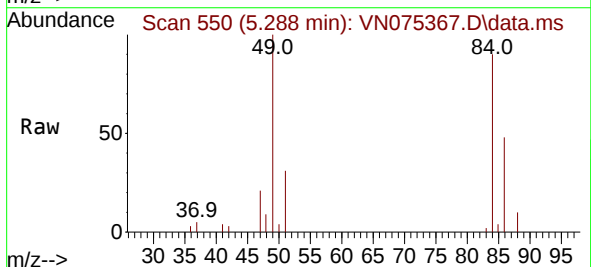
Instrument :
MSVOA_N
ClientSampleId :
PB149227TB

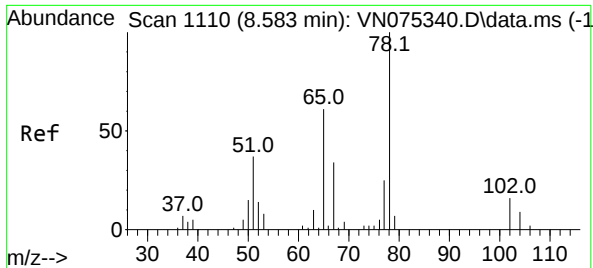
Tgt Ion: 43 Resp: 76325
Ion Ratio Lower Upper
43 100
58 34.3 25.5 38.3



#20
Methylene Chloride
Concen: 13.807 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN075367.D
Acq: 22 Nov 2022 14:56

Tgt Ion: 84 Resp: 21144
Ion Ratio Lower Upper
84 100
49 111.7 94.9 142.3
51 34.5 26.8 40.2
86 53.5 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 53.285 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075367.D

Acq: 22 Nov 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

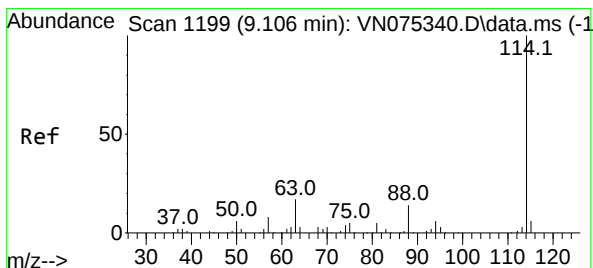
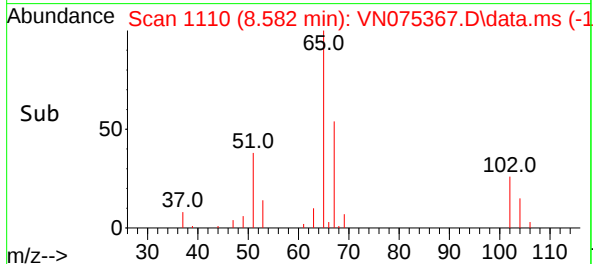
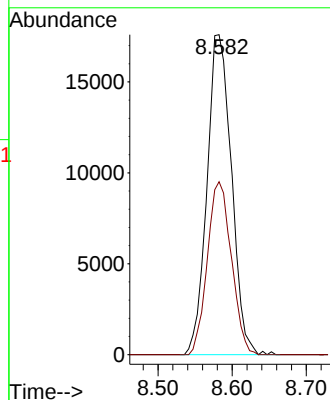
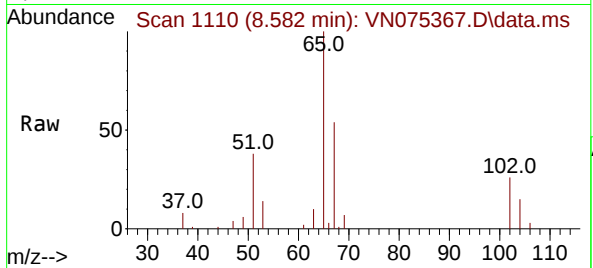
PB149227TB

Tgt Ion: 65 Resp: 40431

Ion Ratio Lower Upper

65 100

67 53.0 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: VN075367.D

Acq: 22 Nov 2022 14:56

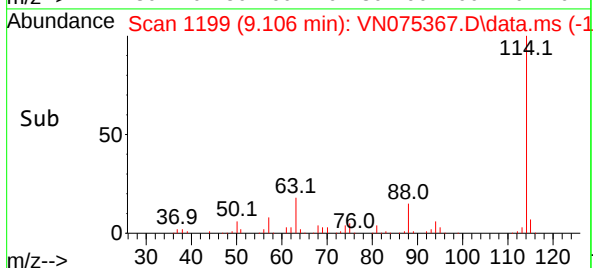
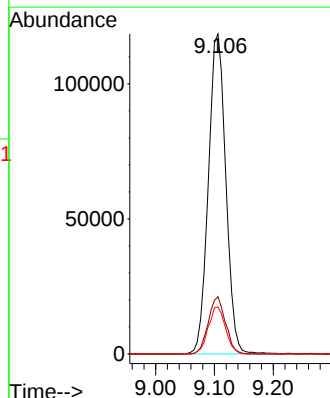
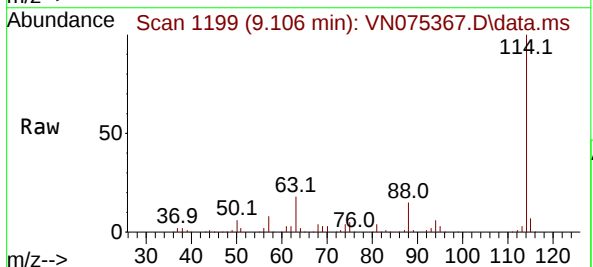
Tgt Ion: 114 Resp: 244746

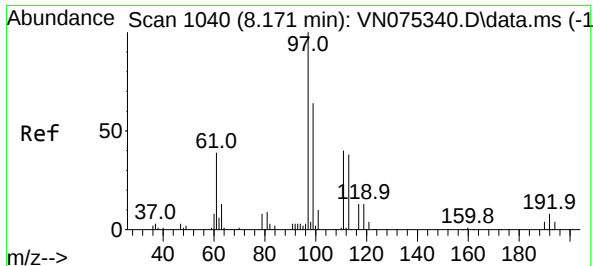
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.312 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075367.D

Acq: 22 Nov 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

PB149227TB

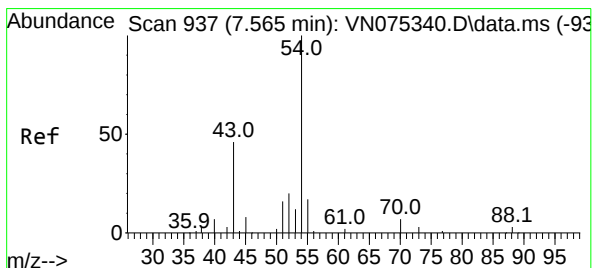
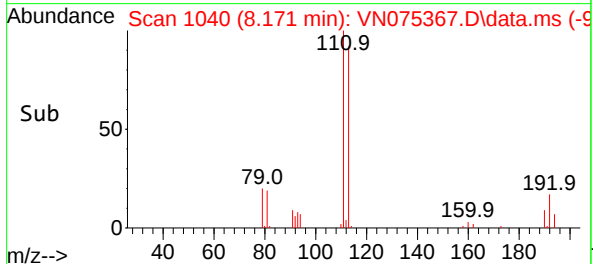
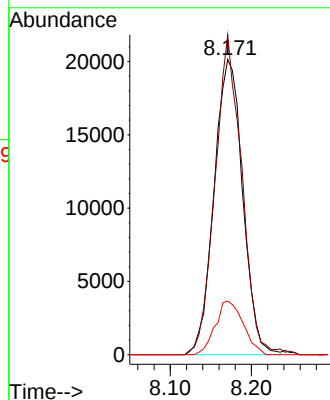
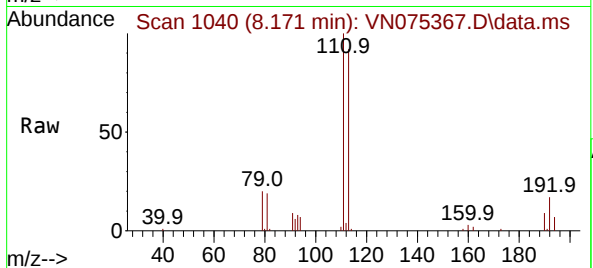
Tgt Ion:113 Resp: 49334

Ion Ratio Lower Upper

113 100

111 101.5 80.5 120.7

192 17.7 13.2 19.8



#37

Ethyl Acetate

Concen: 11.663 ug/l m

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075367.D

Acq: 22 Nov 2022 14:56

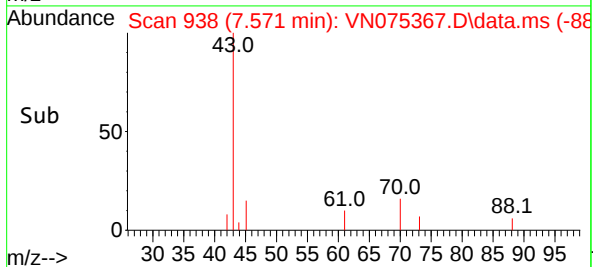
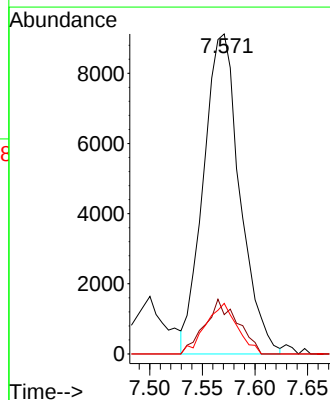
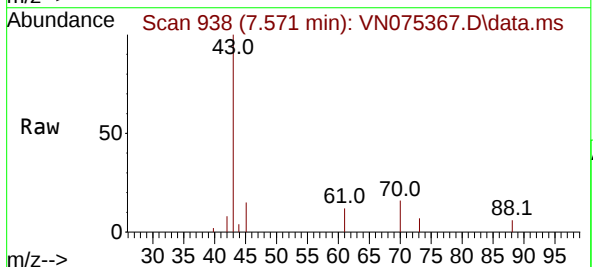
Tgt Ion: 43 Resp: 22018

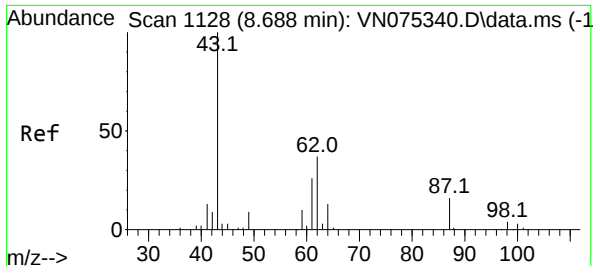
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.4 14.2#





#43

Isopropyl Acetate

Concen: 32.622 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075367.D

Acq: 22 Nov 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

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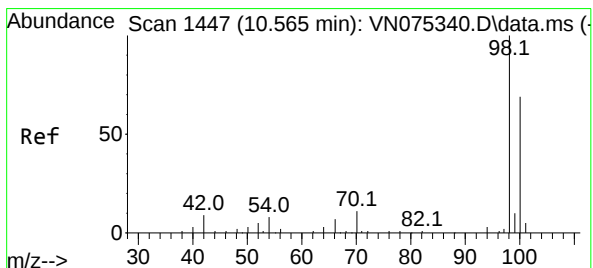
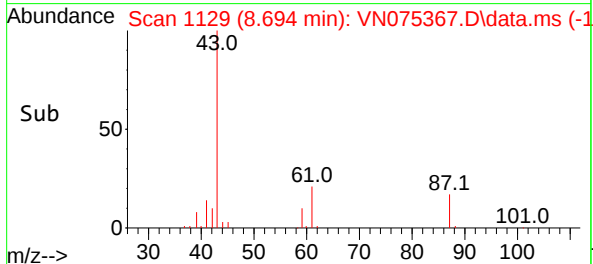
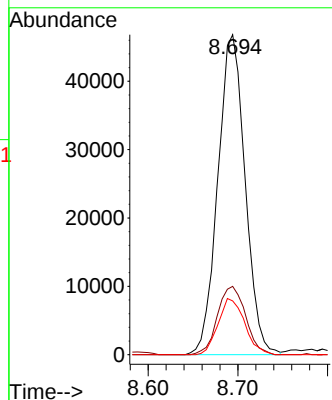
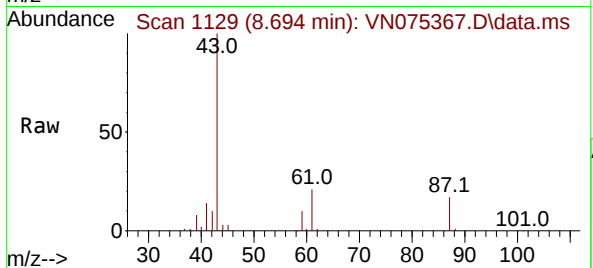
Tgt Ion: 43 Resp: 98856

Ion Ratio Lower Upper

43 100

61 22.0 22.4 33.6#

87 17.1 12.5 18.7



#50

Toluene-d8

Concen: 52.101 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075367.D

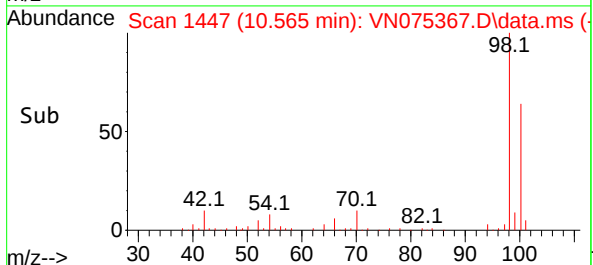
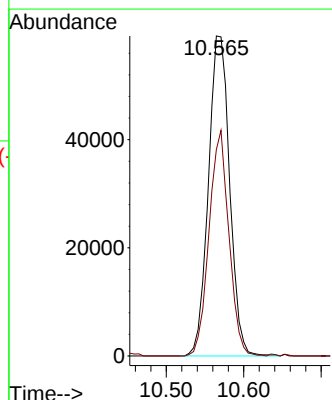
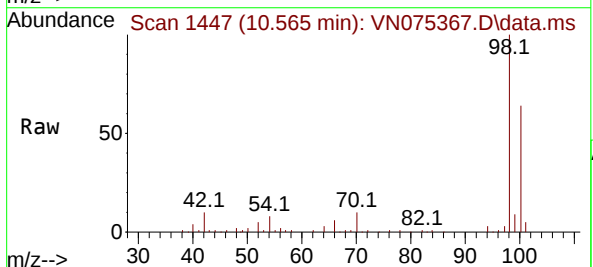
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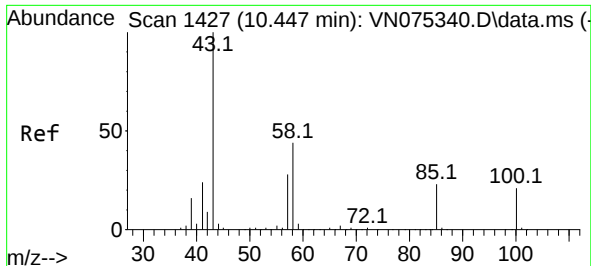
Tgt Ion: 98 Resp: 112822

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6

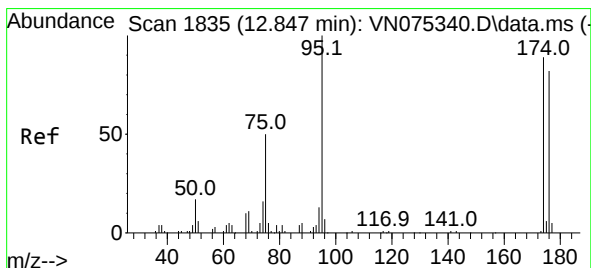
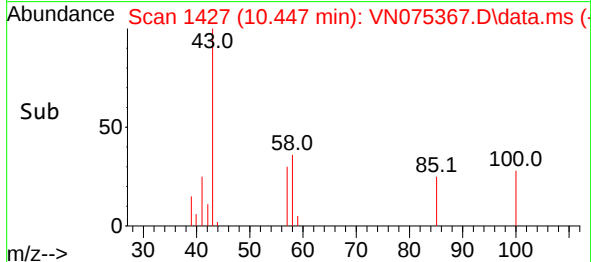
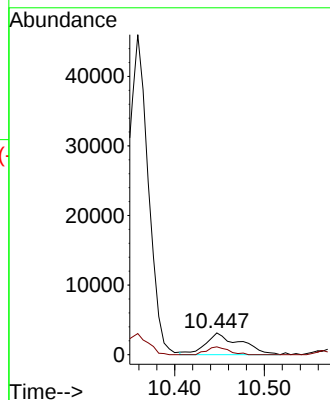
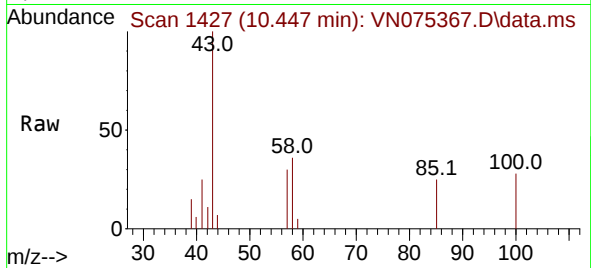




#51
4-Methyl-2-Pentanone
Concen: 4.371 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075367.D
Acq: 22 Nov 2022 14:56

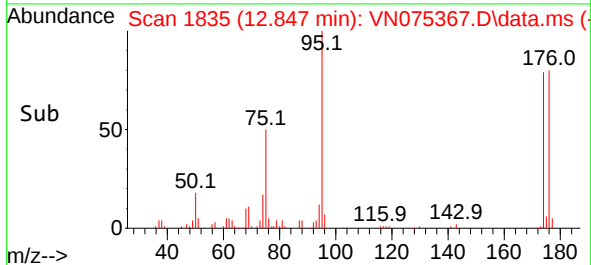
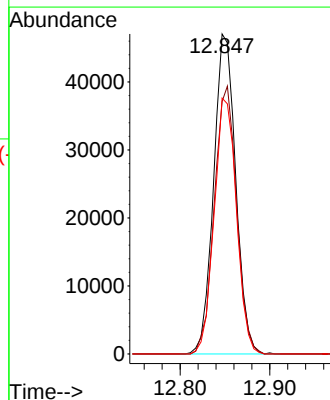
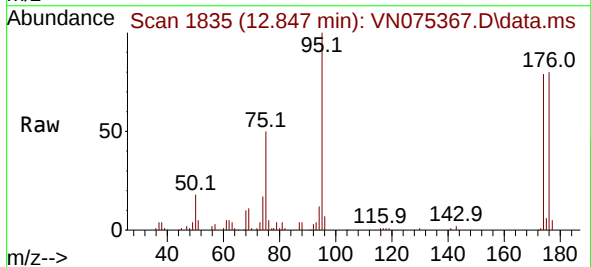
Instrument :
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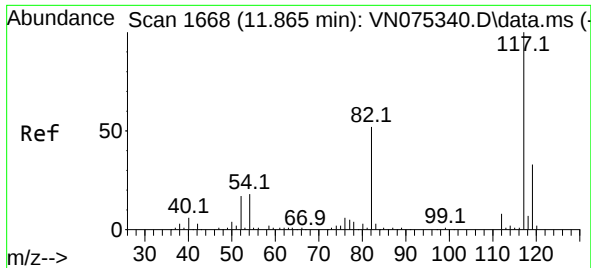
Tgt Ion: 43 Resp: 8437
Ion Ratio Lower Upper
43 100
58 22.4 33.6 50.4#



#62
4-Bromofluorobenzene
Concen: 50.243 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075367.D
Acq: 22 Nov 2022 14:56

Tgt Ion: 95 Resp: 80304
Ion Ratio Lower Upper
95 100
174 84.7 0.0 147.4
176 80.7 0.0 142.2

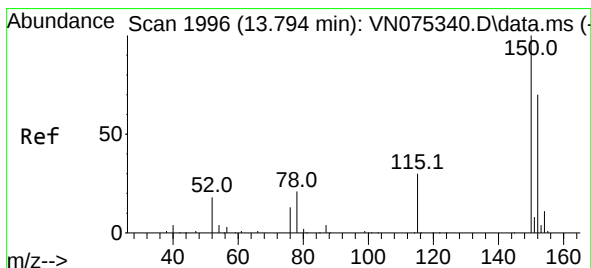
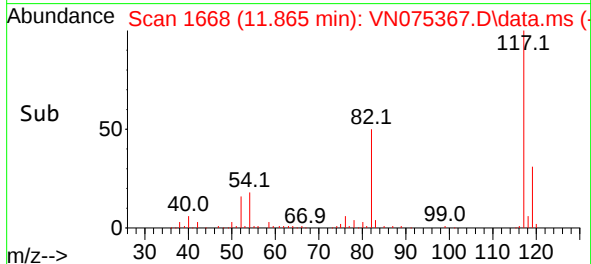
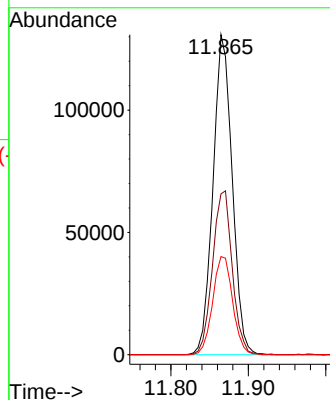
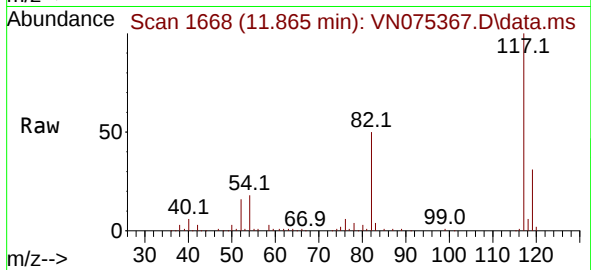




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075367.D
Acq: 22 Nov 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
PB149227TB

Tgt Ion:117 Resp: 225420
Ion Ratio Lower Upper
117 100
82 50.2 43.1 64.7
119 30.6 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: VN075367.D
Acq: 22 Nov 2022 14:56

Tgt Ion:152 Resp: 99092
Ion Ratio Lower Upper
152 100
115 57.9 30.2 90.6
150 153.8 0.0 348.4

