

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075400.D
 Acq On : 23 Nov 2022 16:47
 Operator : JC\MD
 Sample : PB149245ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149245ZHE#03

Quant Time: Nov 24 06:52:48 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)

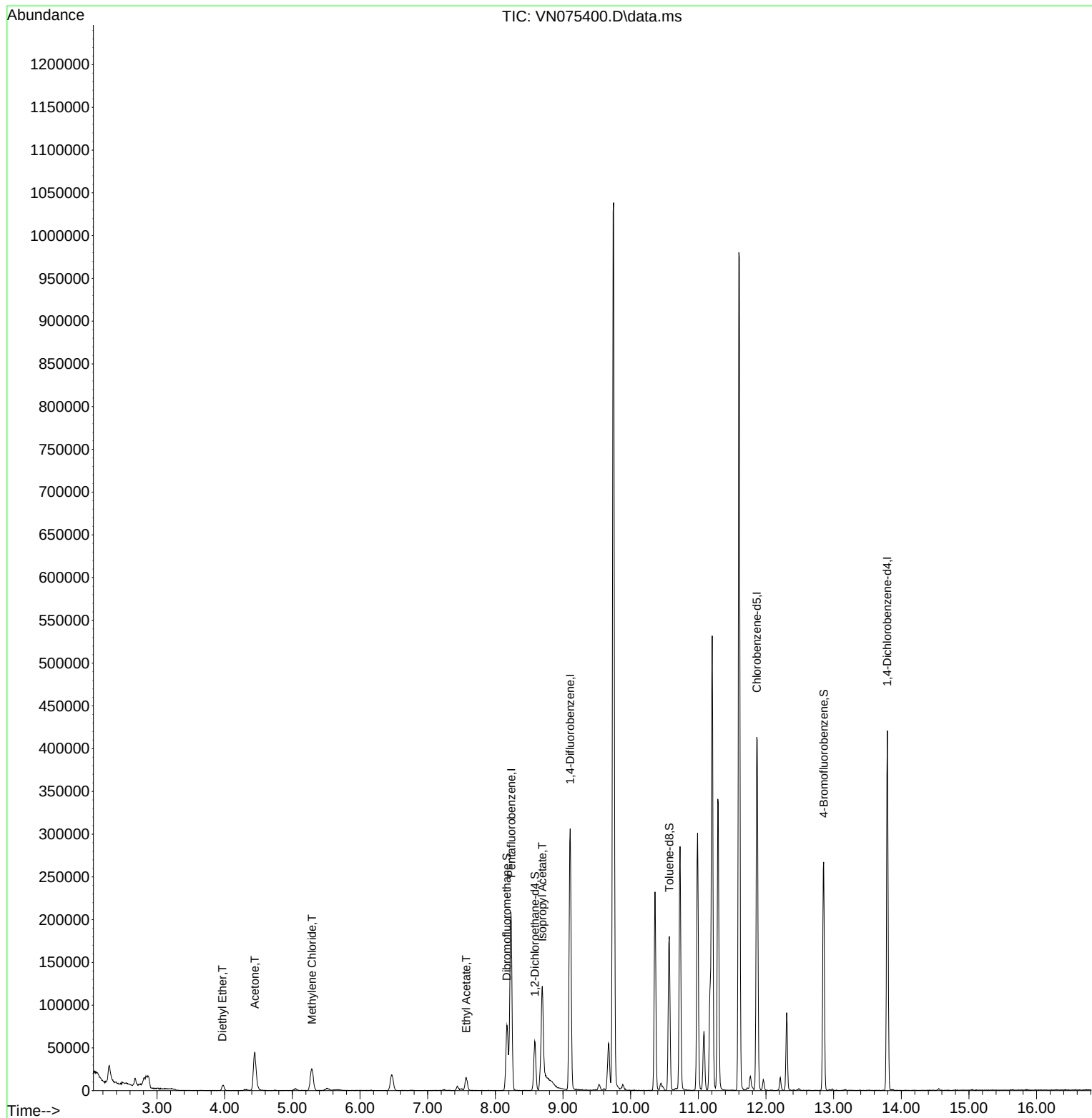
Internal Standards						
1) Pentafluorobenzene	8.235	168	162979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	46274	52.894	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.780%
35) Dibromofluoromethane	8.171	113	55849	49.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	10.571	98	129698	51.018	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.853	95	92906	49.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.020%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.965	74	4014	4.102	ug/l	91
16) Acetone	4.447	43	83282	102.059	ug/l	96
20) Methylene Chloride	5.289	84	21996	12.329	ug/l #	82
37) Ethyl Acetate	7.571	43	22862	10.315	ug/l	98
43) Isopropyl Acetate	8.694	43	148497	41.741	ug/l #	83

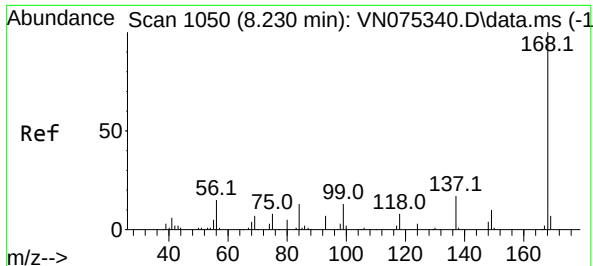
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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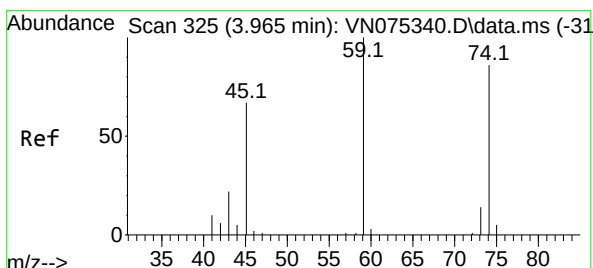
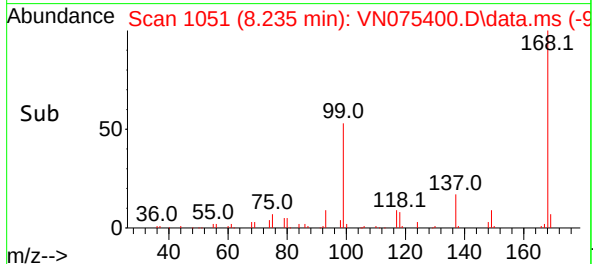
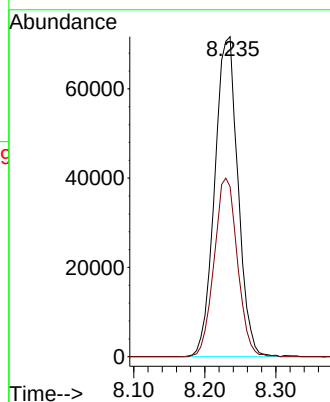
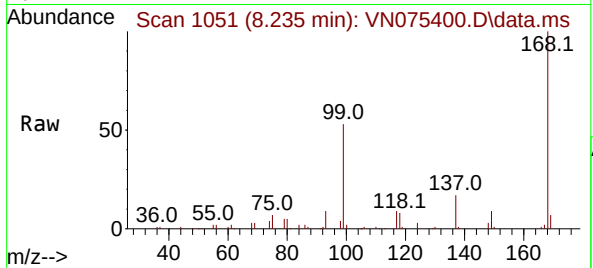




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075400.D
Acq: 23 Nov 2022 16:47

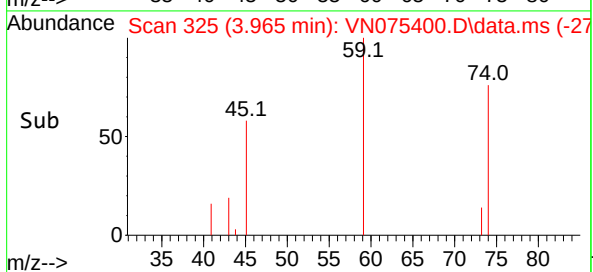
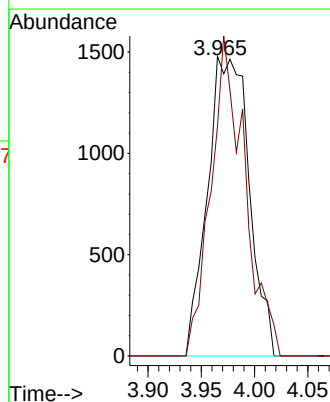
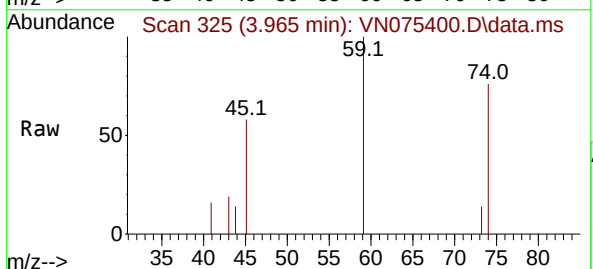
Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#03

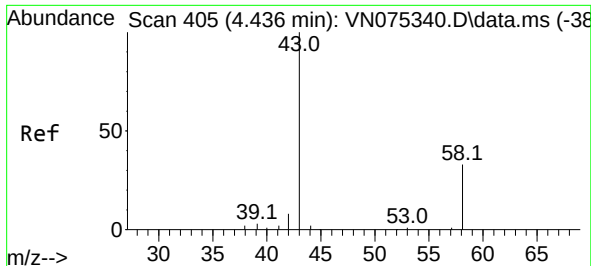
Tgt Ion:168 Resp: 162979
Ion Ratio Lower Upper
168 100
99 53.1 51.6 77.4



#8
Diethyl Ether
Concen: 4.102 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN075400.D
Acq: 23 Nov 2022 16:47

Tgt Ion: 74 Resp: 4014
Ion Ratio Lower Upper
74 100
45 86.8 39.3 117.9

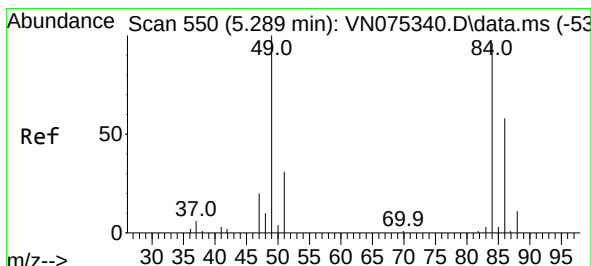
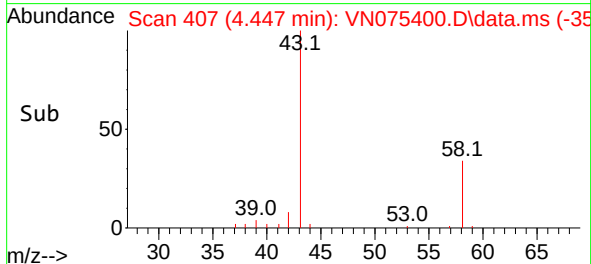
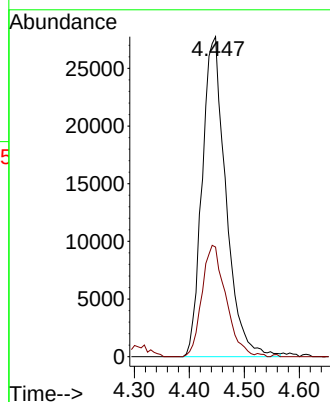
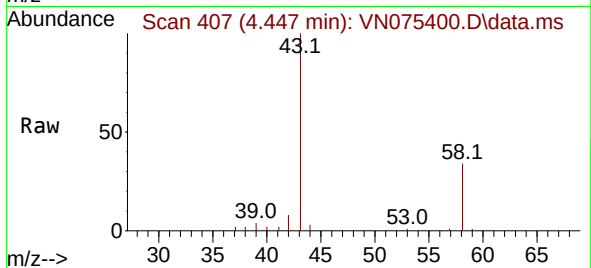




#16
Acetone
Concen: 102.059 ug/l
RT: 4.447 min Scan# 405
Delta R.T. 0.011 min
Lab File: VN075400.D
Acq: 23 Nov 2022 16:47

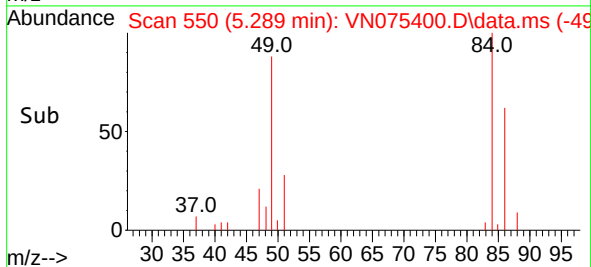
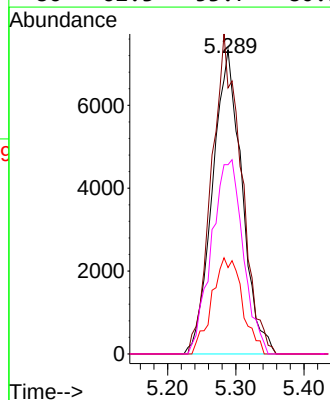
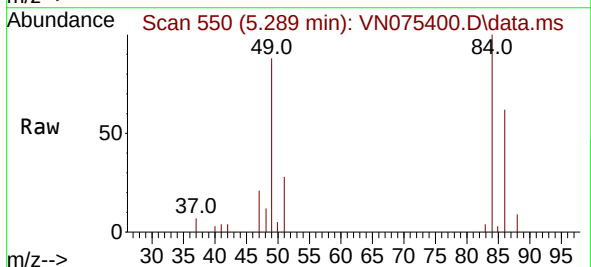
Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#03

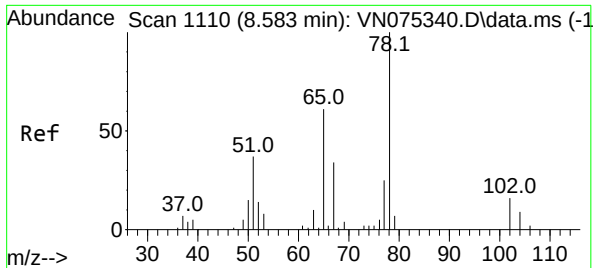
Tgt Ion: 43 Resp: 83282
Ion Ratio Lower Upper
43 100
58 34.3 25.5 38.3



#20
Methylene Chloride
Concen: 12.329 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075400.D
Acq: 23 Nov 2022 16:47

Tgt Ion: 84 Resp: 21996
Ion Ratio Lower Upper
84 100
49 87.5 94.9 142.3#
51 28.4 26.8 40.2
86 62.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.894 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075400.D

Acq: 23 Nov 2022 16:47

Instrument :

MSVOA_N

ClientSampleId :

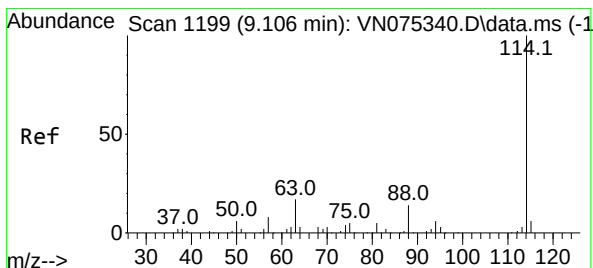
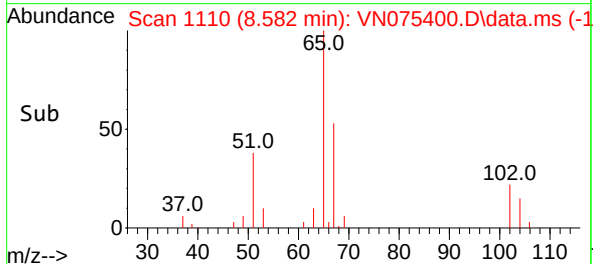
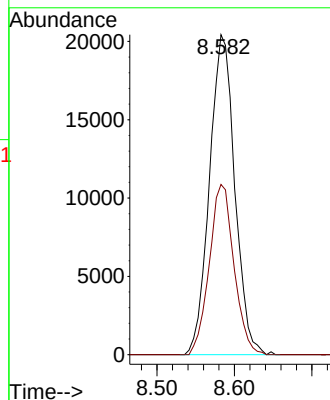
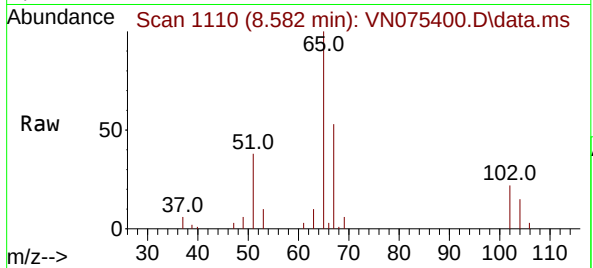
PB149245ZHE#03

Tgt Ion: 65 Resp: 46274

Ion Ratio Lower Upper

65 100

67 51.9 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: VN075400.D

Acq: 23 Nov 2022 16:47

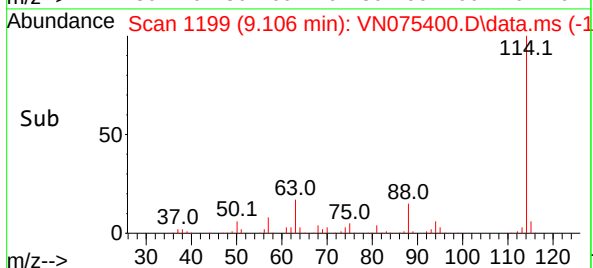
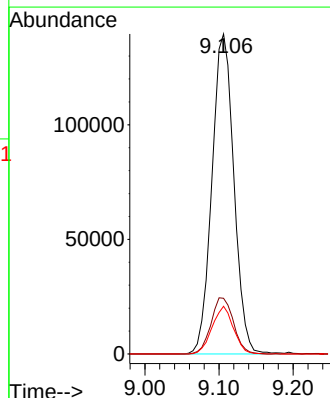
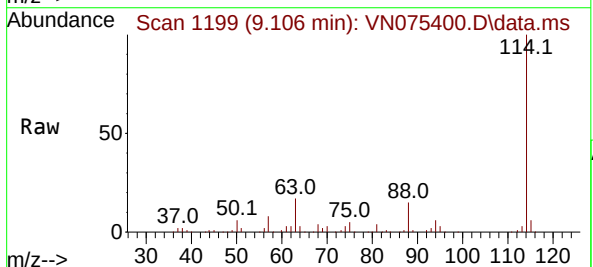
Tgt Ion: 114 Resp: 287328

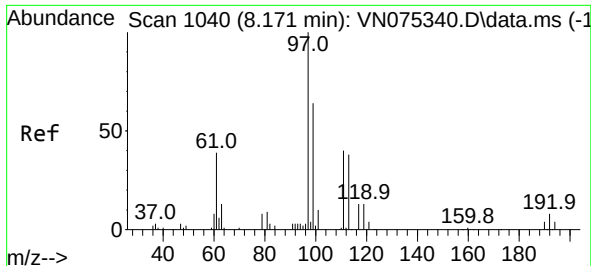
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.480 ug/l

RT: 8.171 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VN075400.D

Acq: 23 Nov 2022 16:47

Instrument :

MSVOA_N

ClientSampleId :

PB149245ZHE#03

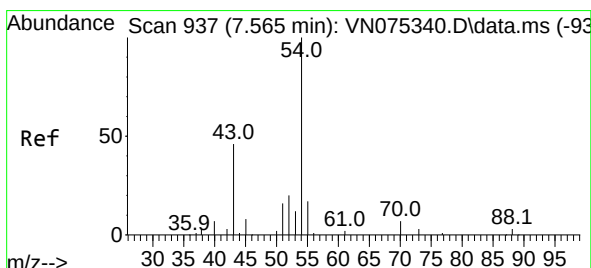
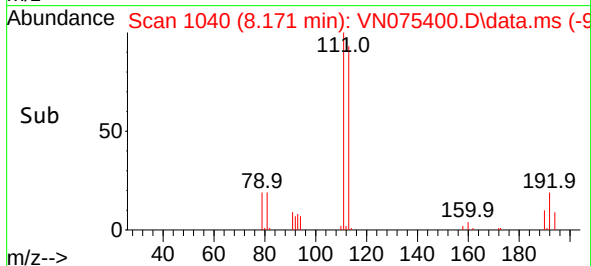
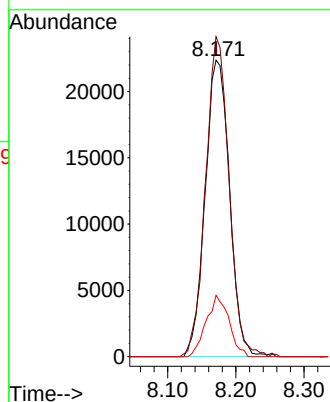
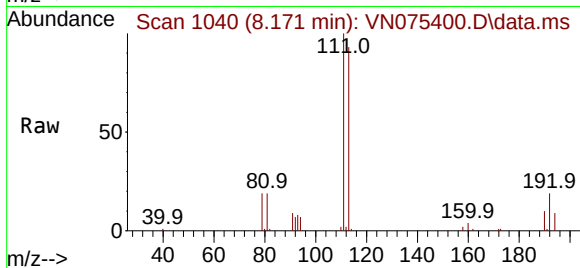
Tgt Ion:113 Resp: 55849

Ion Ratio Lower Upper

113 100

111 103.1 80.5 120.7

192 19.2 13.2 19.8



#37

Ethyl Acetate

Concen: 10.315 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075400.D

Acq: 23 Nov 2022 16:47

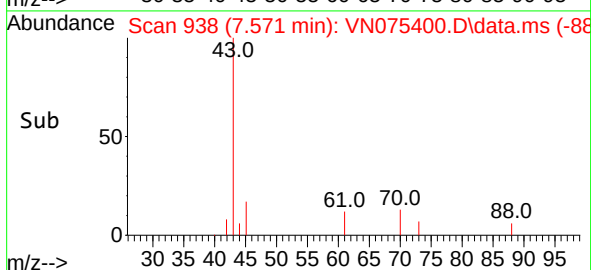
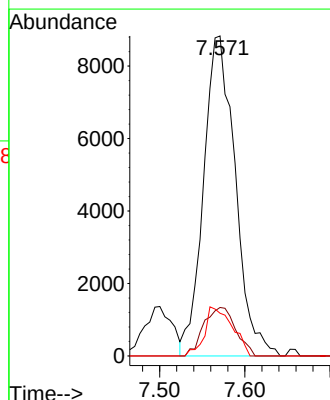
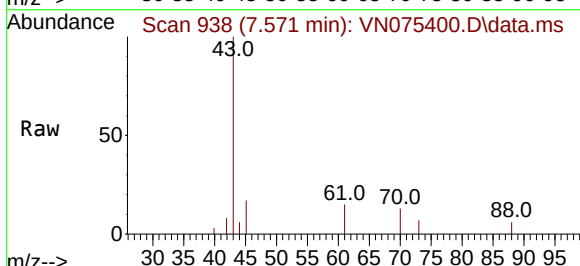
Tgt Ion: 43 Resp: 22862

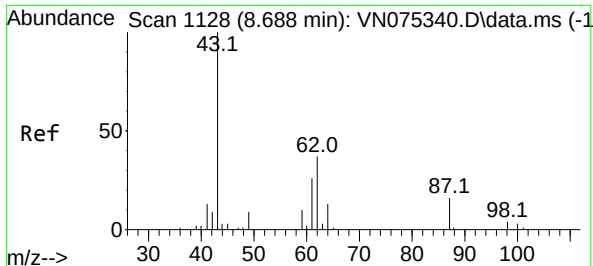
Ion Ratio Lower Upper

43 100

61 15.3 12.2 18.4

70 13.4 9.4 14.2

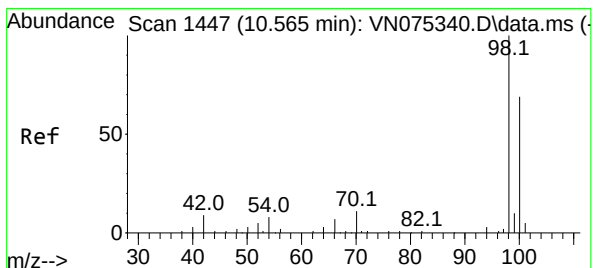
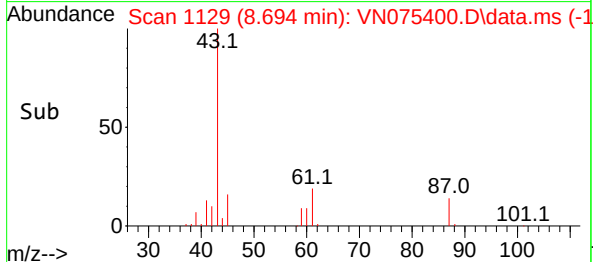
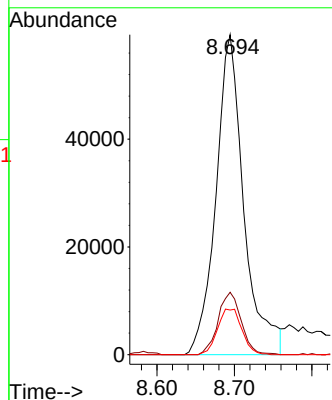
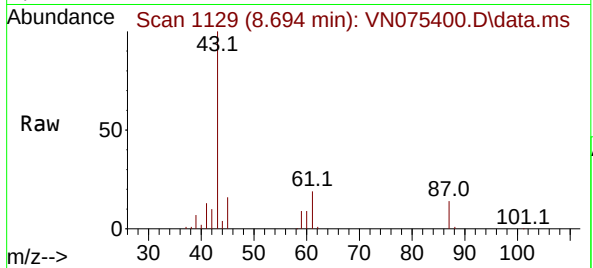




#43
Isopropyl Acetate
Concen: 41.741 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075400.D
Acq: 23 Nov 2022 16:47

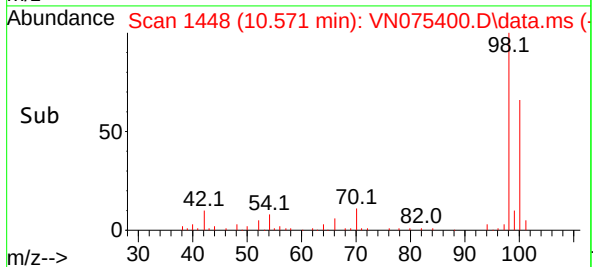
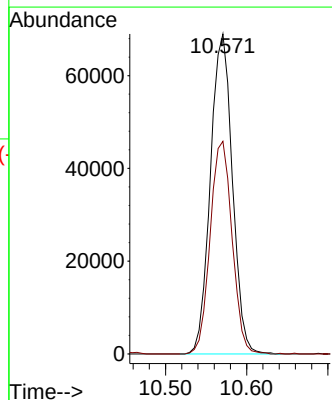
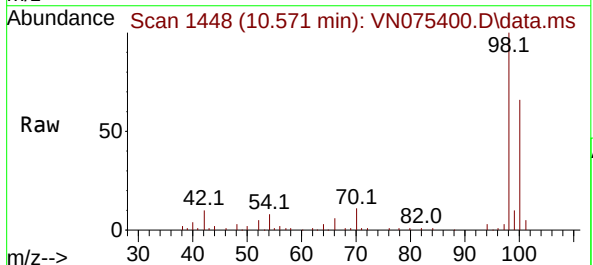
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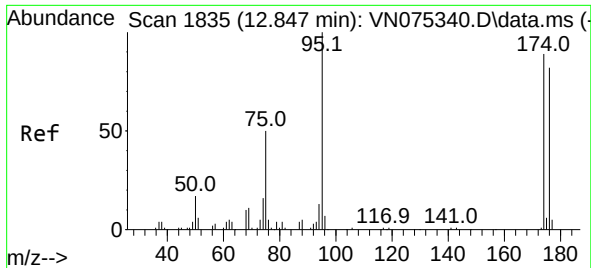
Tgt Ion: 43 Resp: 148497
Ion Ratio Lower Upper
43 100
61 16.2 22.4 33.6#
87 12.5 12.5 18.7#



#50
Toluene-d8
Concen: 51.018 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075400.D
Acq: 23 Nov 2022 16:47

Tgt Ion: 98 Resp: 129698
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6

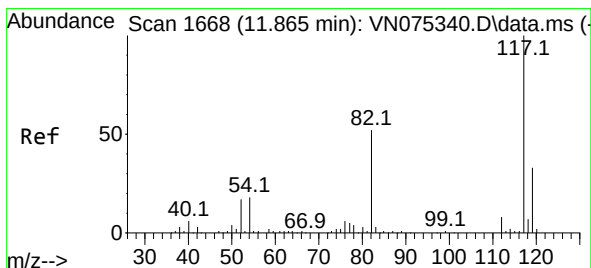
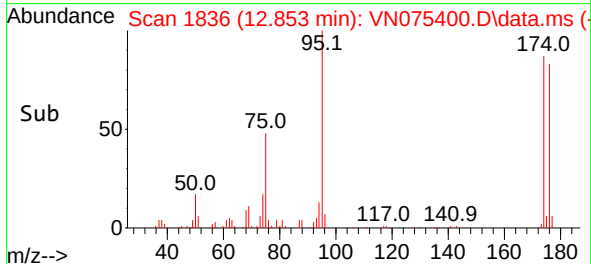
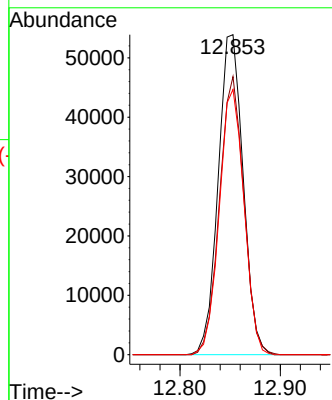
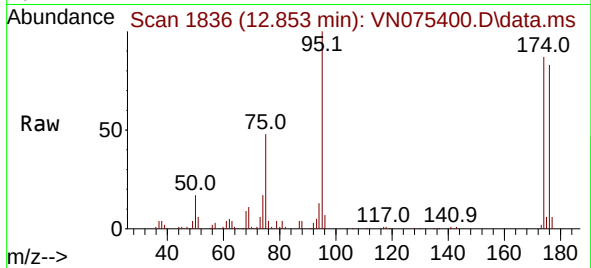




#62
4-Bromofluorobenzene
Concen: 49.513 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075400.D
Acq: 23 Nov 2022 16:47

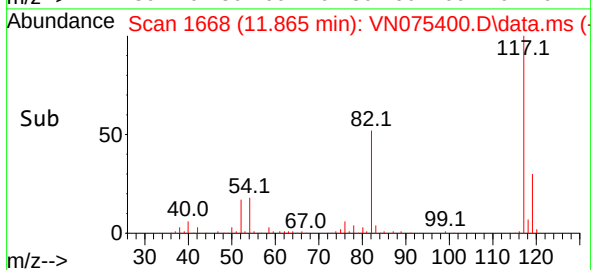
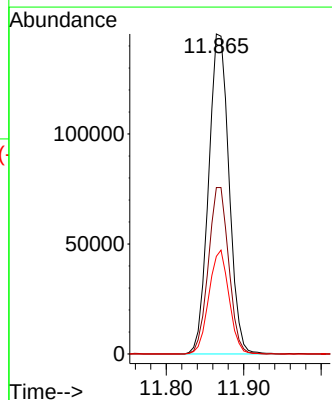
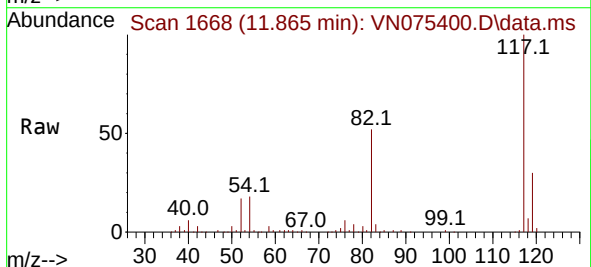
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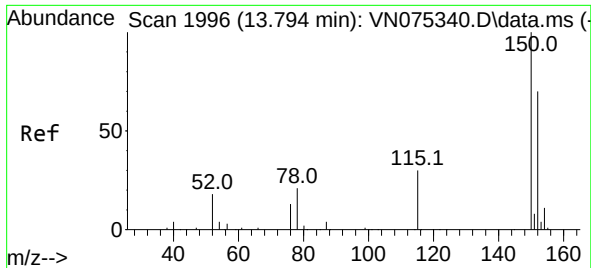
Tgt Ion: 95 Resp: 92906
Ion Ratio Lower Upper
95 100
174 84.9 0.0 147.4
176 82.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075400.D
Acq: 23 Nov 2022 16:47

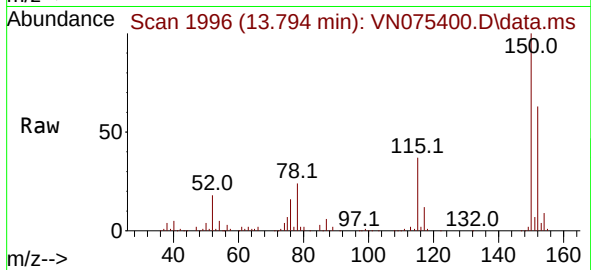
Tgt Ion: 117 Resp: 266276
Ion Ratio Lower Upper
117 100
82 52.0 43.1 64.7
119 30.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075400.D
 Acq: 23 Nov 2022 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149245ZHE#03



Tgt Ion:152 Resp: 117524

Ion	Ratio	Lower	Upper
152	100		
115	58.2	30.2	90.6
150	155.5	0.0	348.4

