

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075373.D
 Acq On : 22 Nov 2022 17:19
 Operator : JC\MD
 Sample : PB149226ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149226ZHE#05

Quant Time: Nov 23 07:12:19 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)

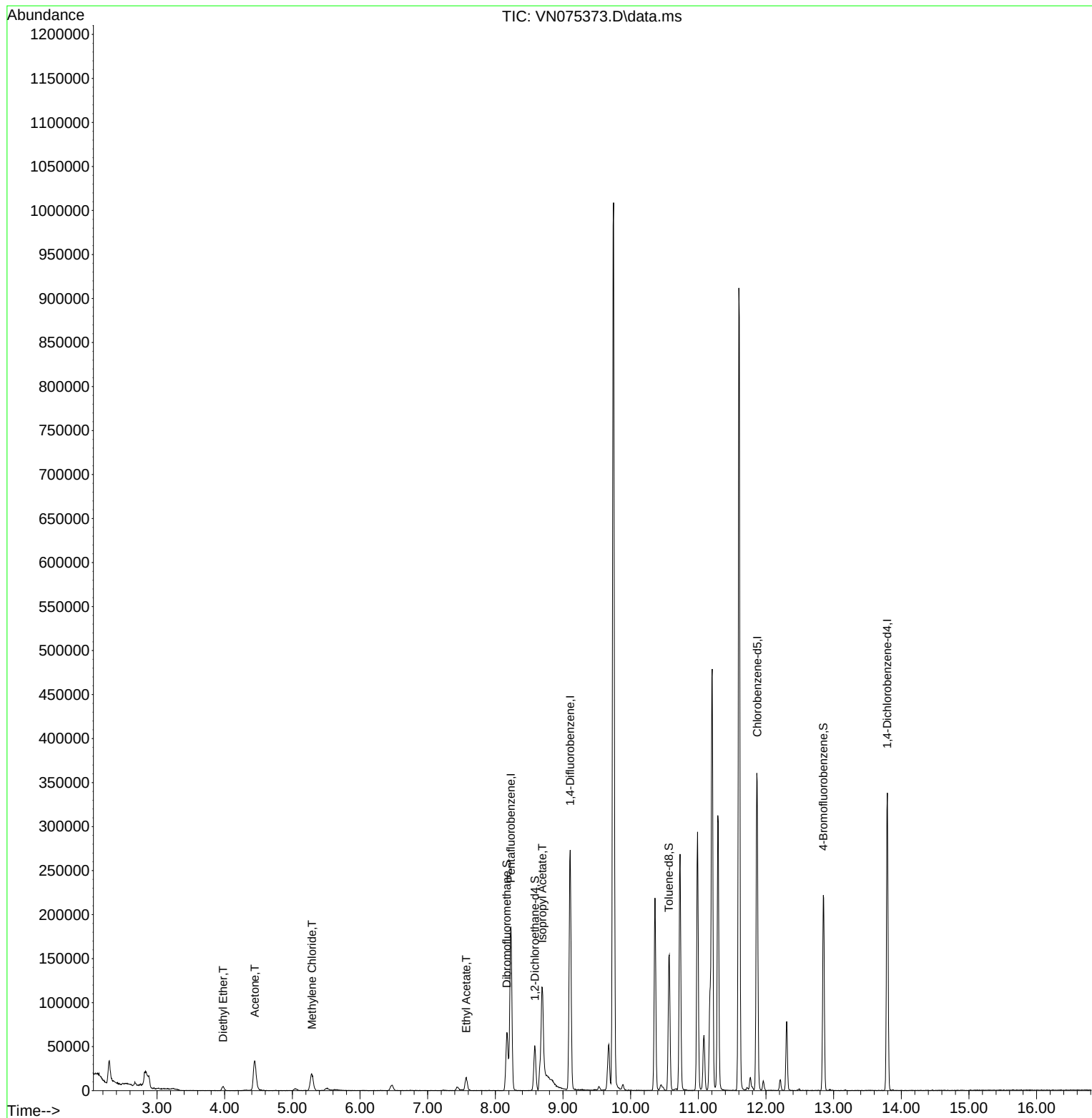
Internal Standards						
1) Pentafluorobenzene	8.229	168	140411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	250129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	226089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39791	52.794	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.580%
35) Dibromofluoromethane	8.171	113	48083	48.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.565	98	110808	50.070	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.847	95	76756	46.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.980%
Target Compounds						
						Qvalue
8) Diethyl Ether	3.977	74	2955	3.505	ug/l	91
16) Acetone	4.447	43	63409	90.195	ug/l	95
20) Methylene Chloride	5.289	84	16713	10.719	ug/l	90
37) Ethyl Acetate	7.571	43	21235	11.006	ug/l	97
43) Isopropyl Acetate	8.694	43	153512	49.568	ug/l #	81

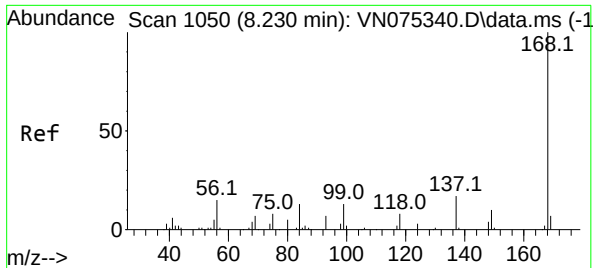
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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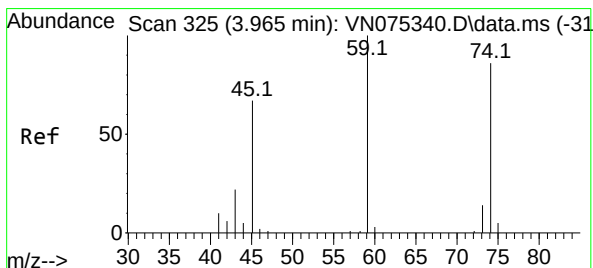
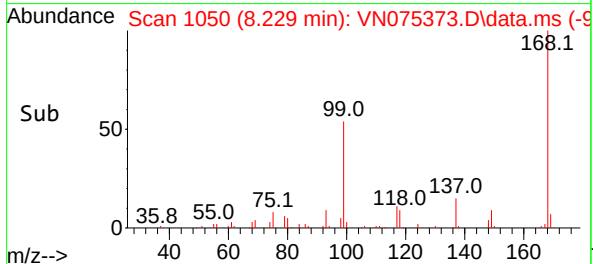
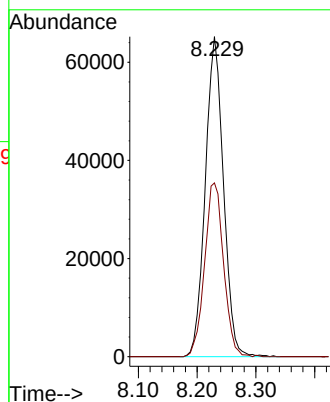
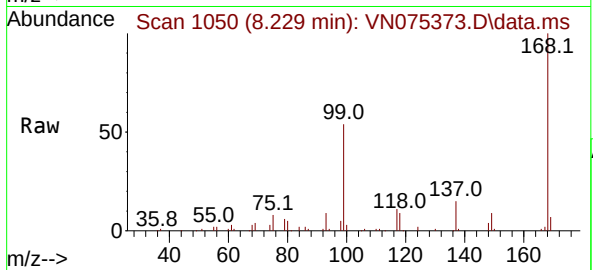




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

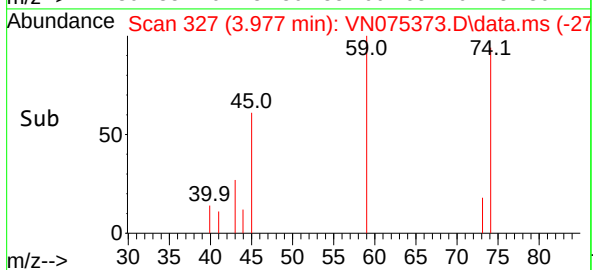
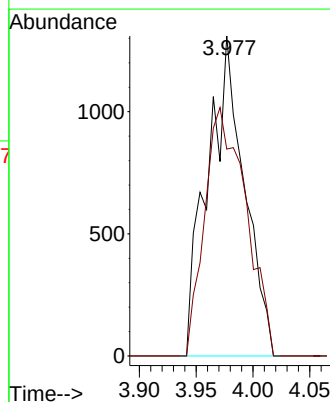
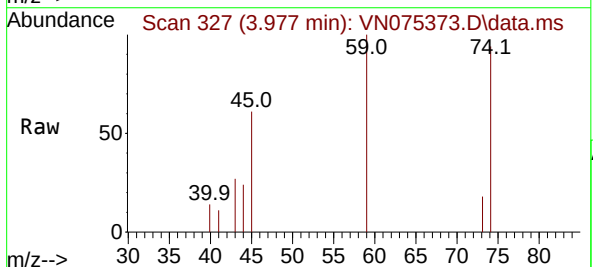
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

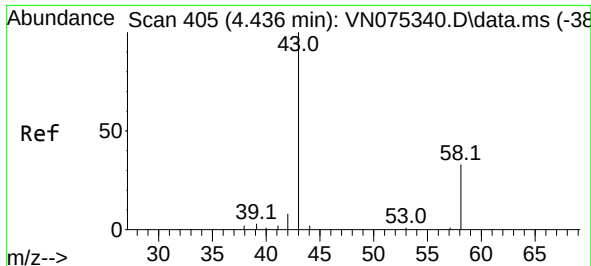
Tgt Ion:168 Resp: 140411
Ion Ratio Lower Upper
168 100
99 54.3 51.6 77.4



#8
Diethyl Ether
Concen: 3.505 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 74 Resp: 2955
Ion Ratio Lower Upper
74 100
45 86.8 39.3 117.9

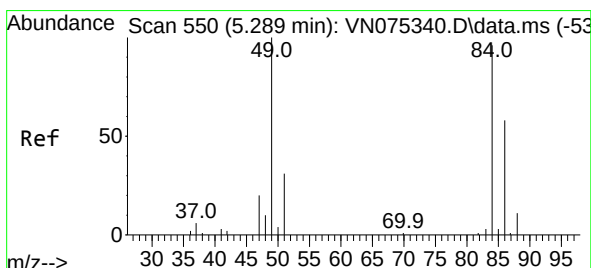
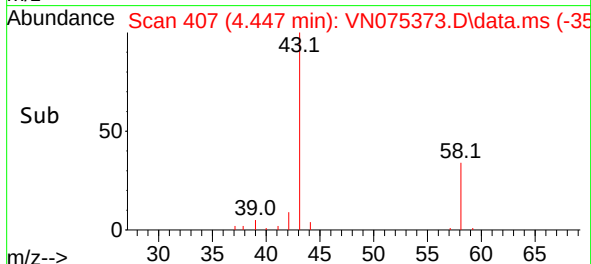
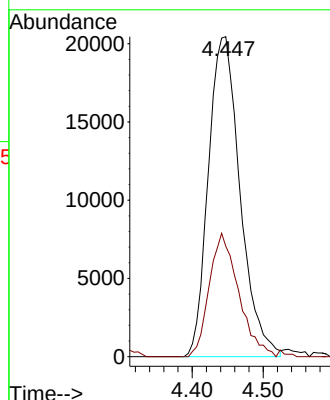
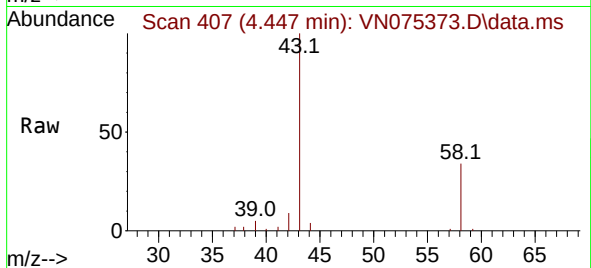




#16
Acetone
Concen: 90.195 ug/l
RT: 4.447 min Scan# 405
Delta R.T. 0.011 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

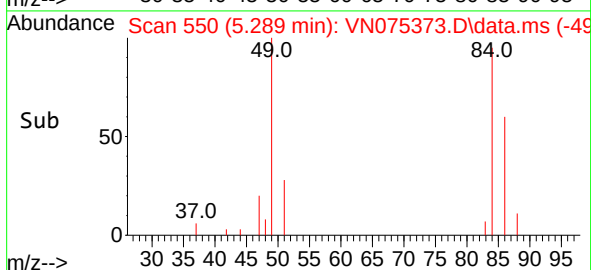
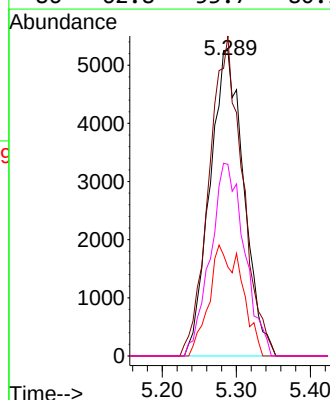
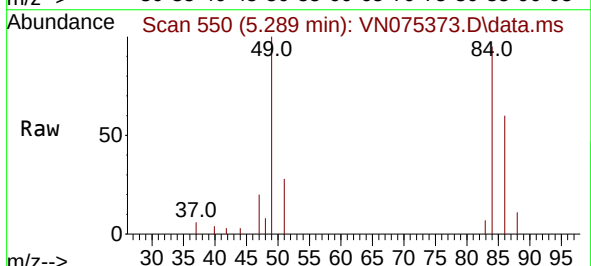
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#05

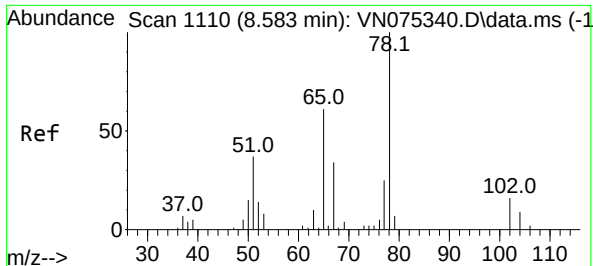
Tgt Ion: 43 Resp: 63409
Ion Ratio Lower Upper
43 100
58 34.5 25.5 38.3



#20
Methylene Chloride
Concen: 10.719 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 84 Resp: 16713
Ion Ratio Lower Upper
84 100
49 104.8 94.9 142.3
51 29.1 26.8 40.2
86 62.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.794 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

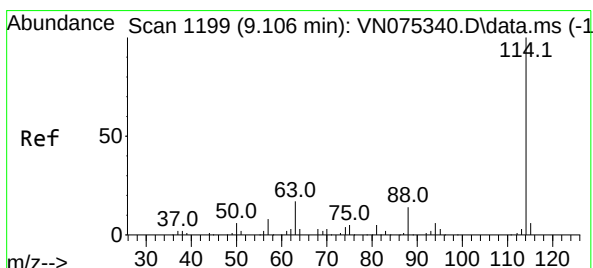
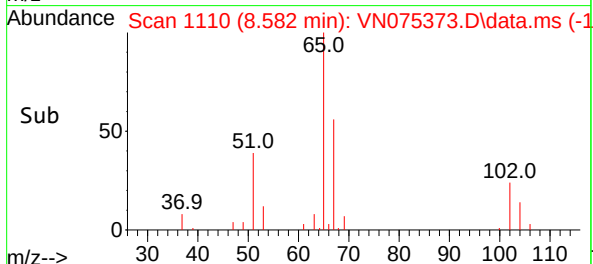
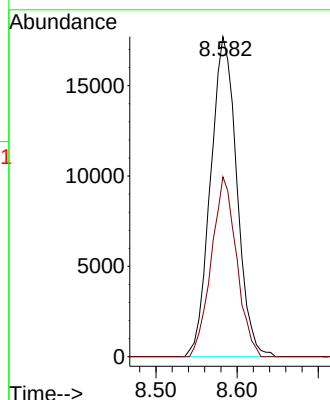
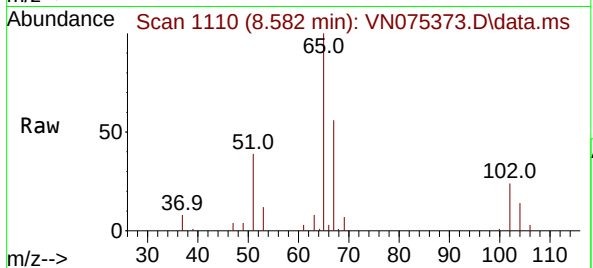
PB149226ZHE#05

Tgt Ion: 65 Resp: 39791

Ion Ratio Lower Upper

65 100

67 54.0 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: VN075373.D

Acq: 22 Nov 2022 17:19

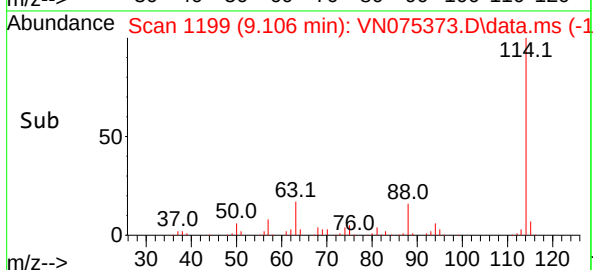
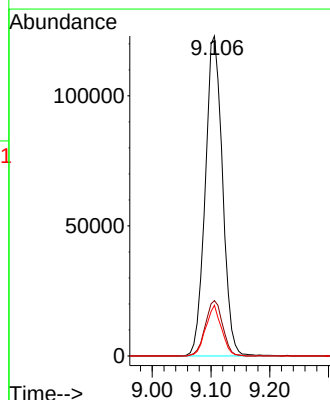
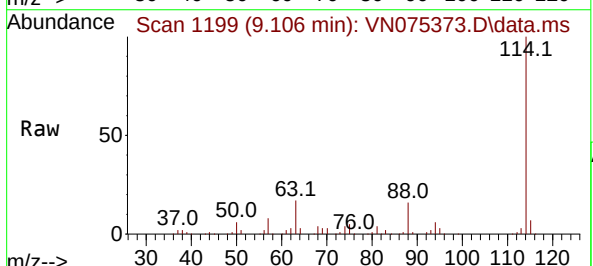
Tgt Ion: 114 Resp: 250129

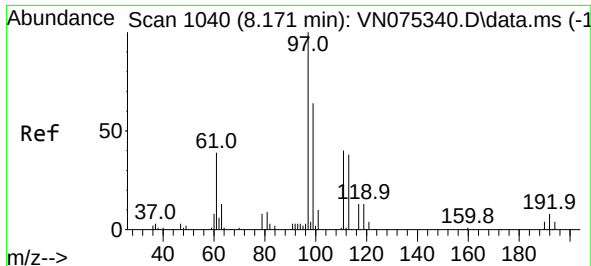
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.9 0.0 29.0

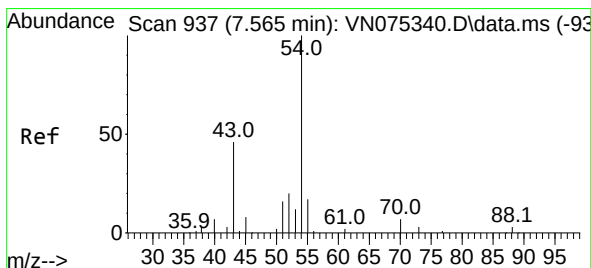
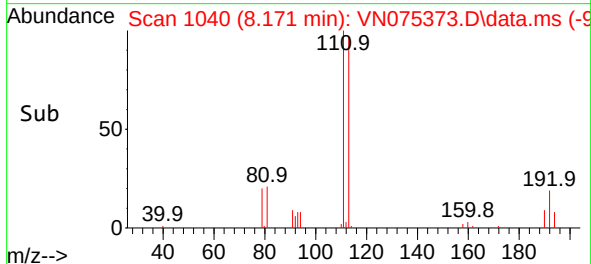
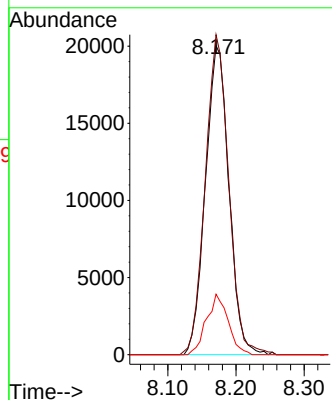
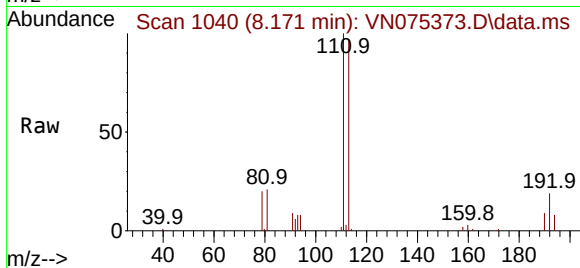




#35
Dibromofluoromethane
Concen: 48.935 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

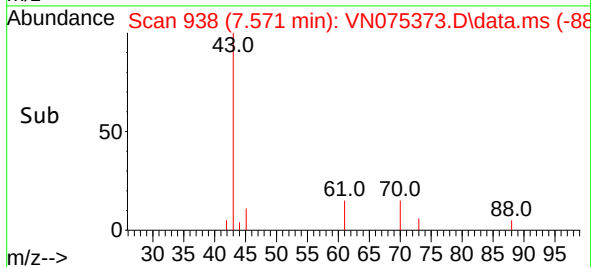
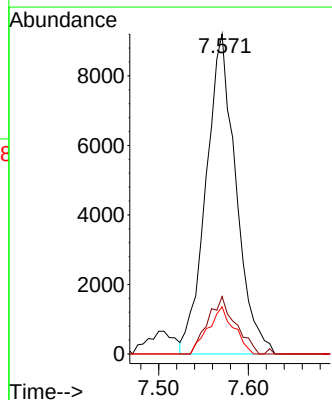
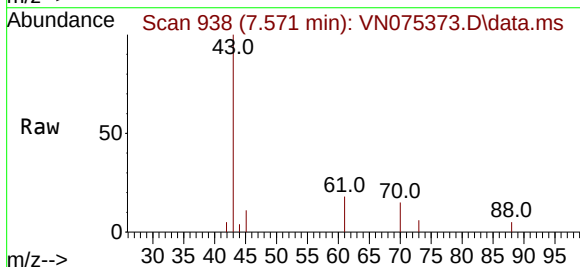
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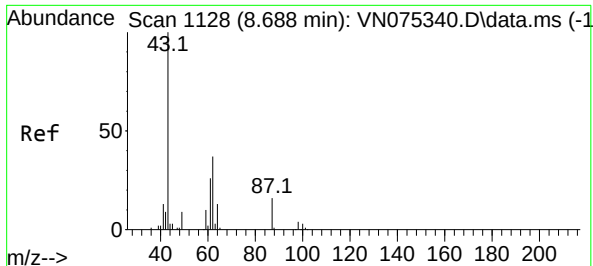
Tgt Ion:113 Resp: 48083
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 18.0 13.2 19.8



#37
Ethyl Acetate
Concen: 11.006 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 43 Resp: 21235
Ion Ratio Lower Upper
43 100
61 16.6 12.2 18.4
70 12.7 9.4 14.2

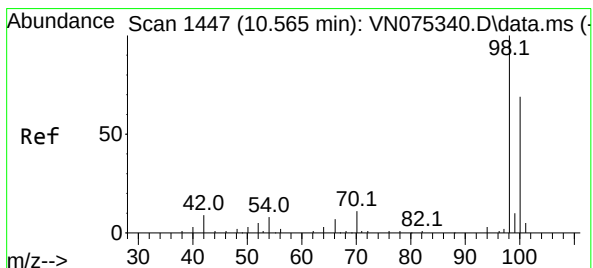
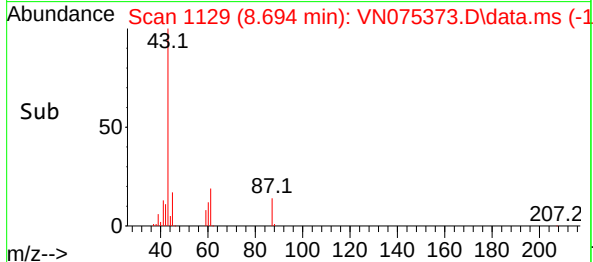
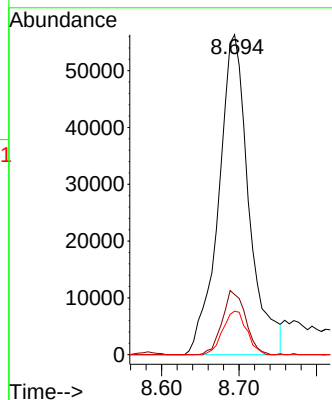
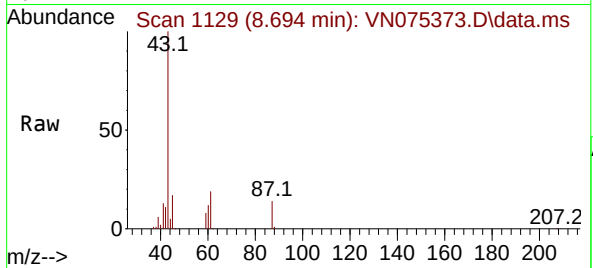




#43
Isopropyl Acetate
Concen: 49.568 ug/l
RT: 8.694 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

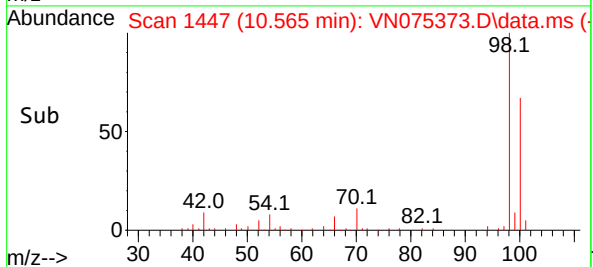
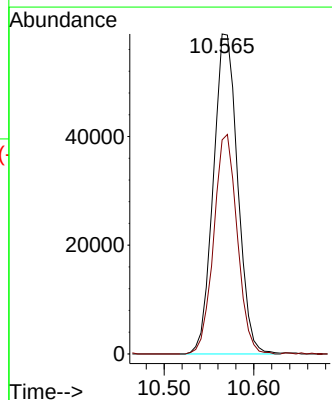
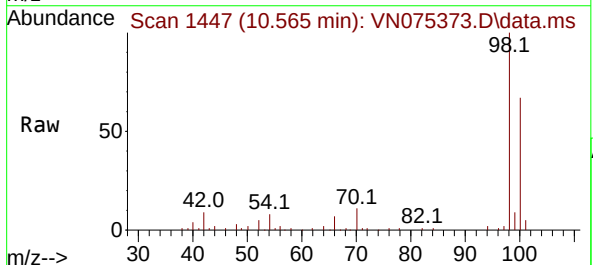
Instrument :
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PB149226ZHE#05

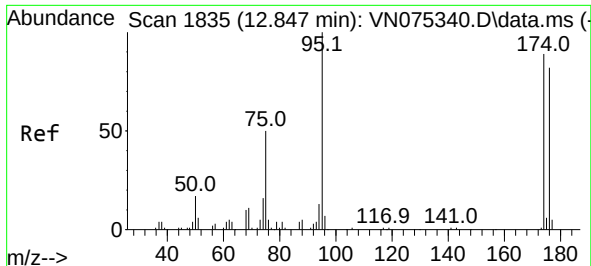
Tgt Ion: 43 Resp: 153512
Ion Ratio Lower Upper
43 100
61 15.4 22.4 33.6#
87 10.7 12.5 18.7#



#50
Toluene-d8
Concen: 50.070 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075373.D
Acq: 22 Nov 2022 17:19

Tgt Ion: 98 Resp: 110808
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 46.989 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.000 min

Lab File: VN075373.D

Acq: 22 Nov 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

PB149226ZHE#05

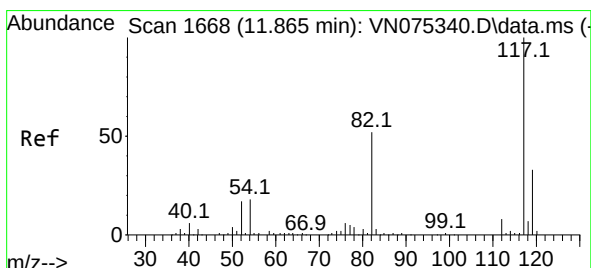
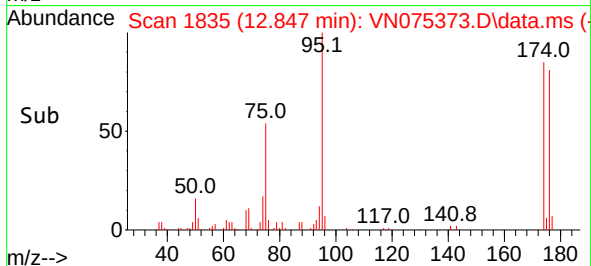
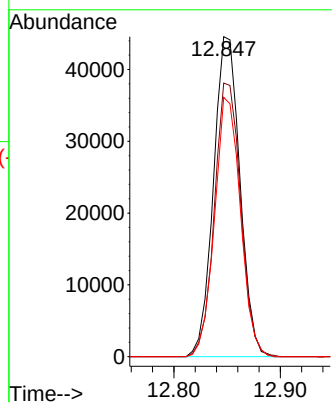
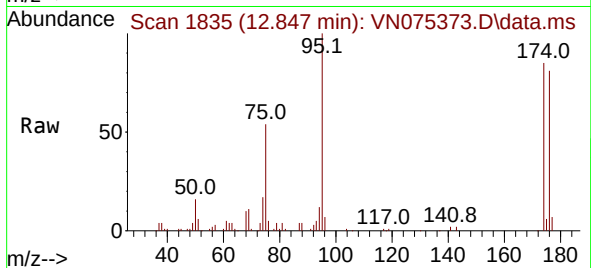
Tgt Ion: 95 Resp: 76756

Ion Ratio Lower Upper

95 100

174 85.0 0.0 147.4

176 79.4 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: VN075373.D

Acq: 22 Nov 2022 17:19

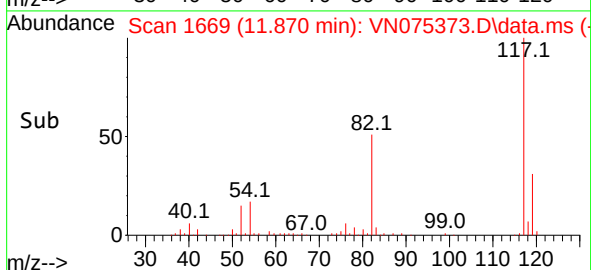
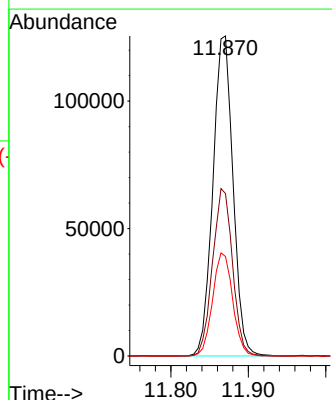
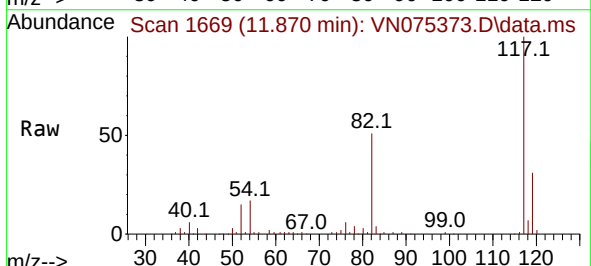
Tgt Ion: 117 Resp: 226089

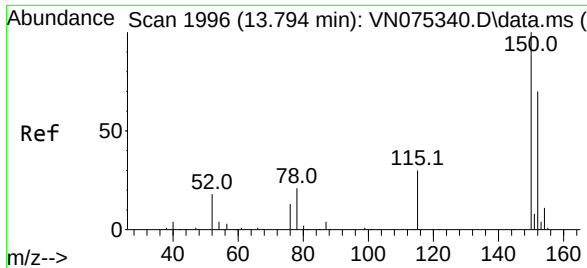
Ion Ratio Lower Upper

117 100

82 50.8 43.1 64.7

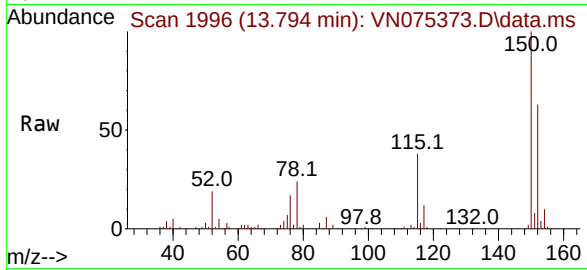
119 31.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075373.D
 Acq: 22 Nov 2022 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149226ZHE#05



Tgt Ion:152 Resp: 95007
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.2 90.6
 150 157.3 0.0 348.4

