

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072466.D
 Acq On : 12 May 2022 20:34
 Operator : JC\MD
 Sample : PB144752ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB144752ZHE#02

Quant Time: May 13 02:50:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

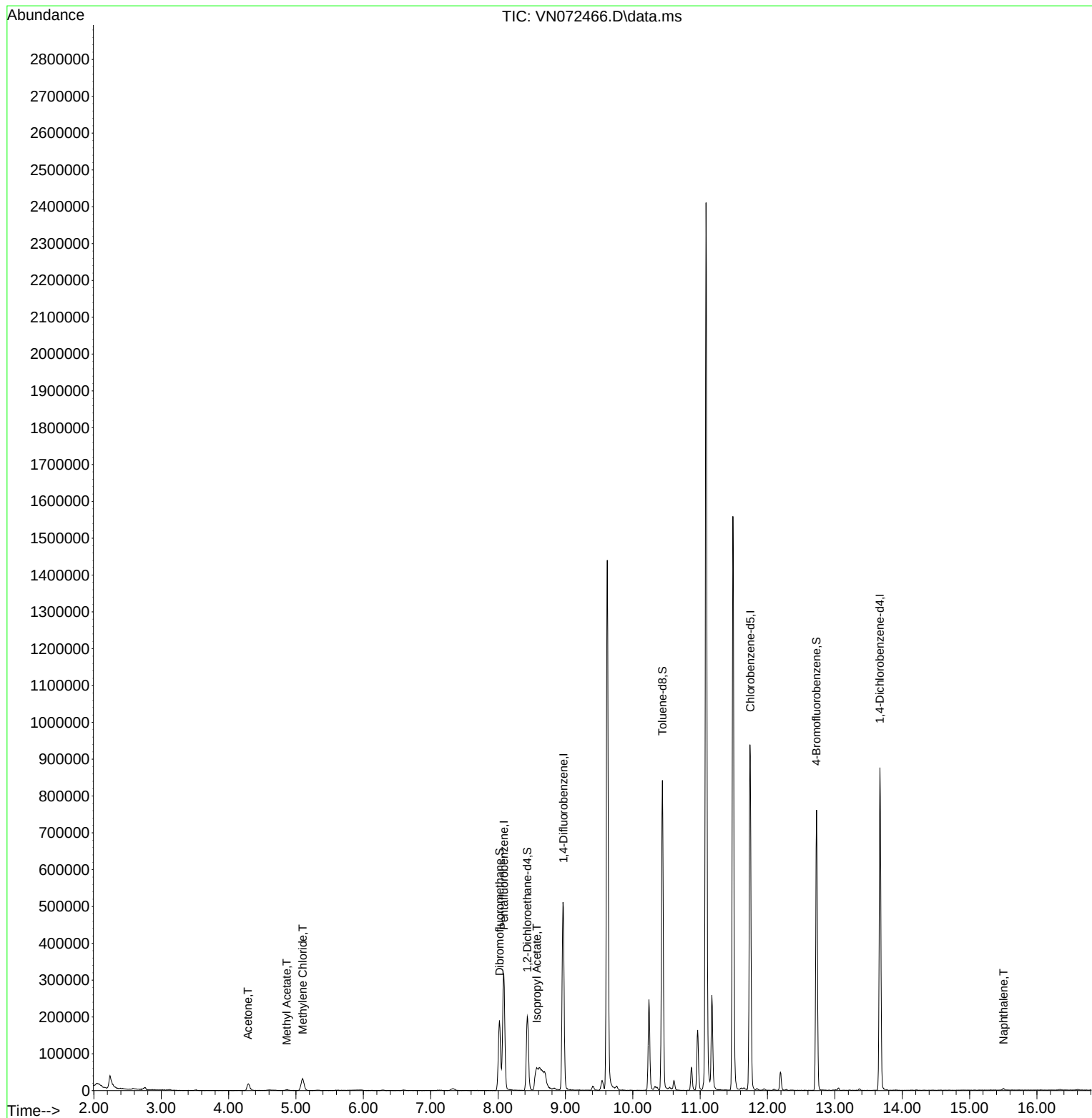
Internal Standards						
1) Pentafluorobenzene	8.086	168	236972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	443877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	551428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	234681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	182110	50.173	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.340%		
35) Dibromofluoromethane	8.022	113	138669	46.957	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 93.920%		
50) Toluene-d8	10.439	98	573841	51.022	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.040%		
62) 4-Bromofluorobenzene	12.727	95	258356	69.169	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 138.340%#		
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	36429	25.343	ug/l	97
18) Methyl Acetate	4.863	43	5123	1.210	ug/l #	86
20) Methylene Chloride	5.098	84	25291	8.581	ug/l	90
43) Isopropyl Acetate	8.575	43	71984	9.209	ug/l #	69
95) Naphthalene	15.504	128	5336	3.622	ug/l	96

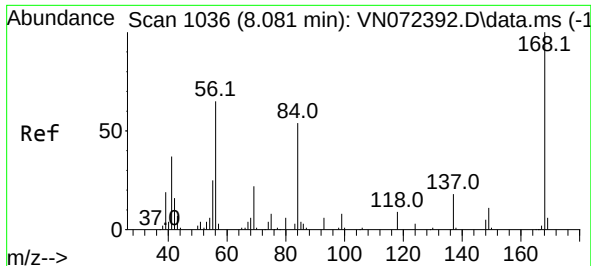
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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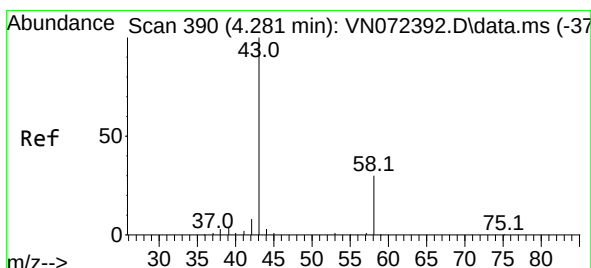
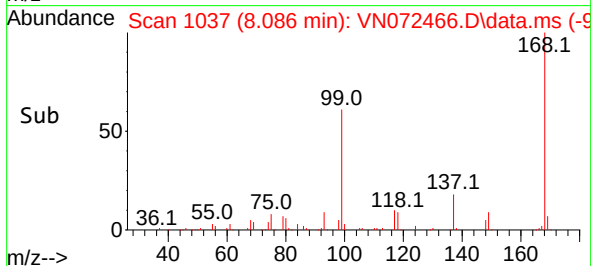
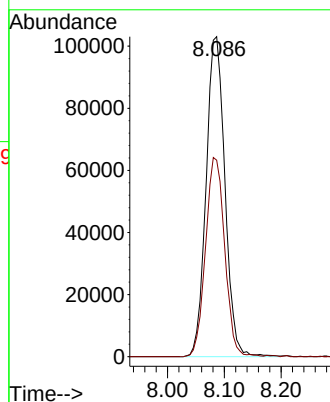
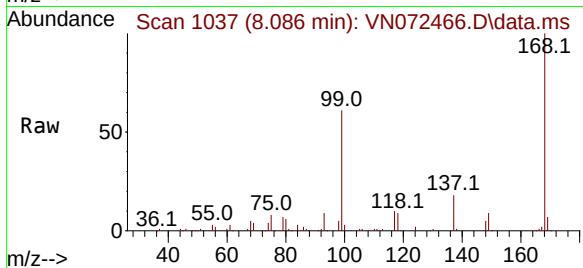




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

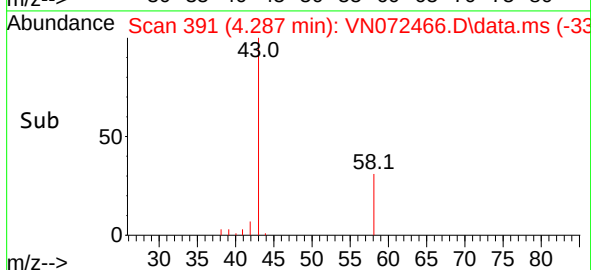
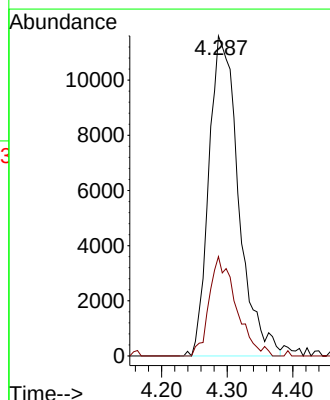
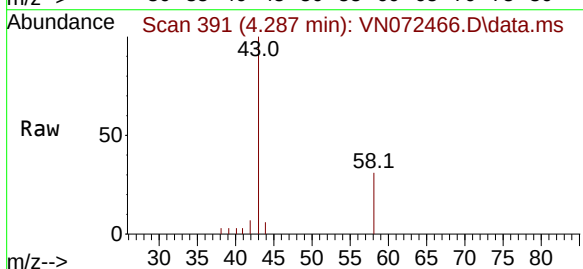
Instrument :
MSVOA_N
ClientSampleId :
PB144752ZHE#02

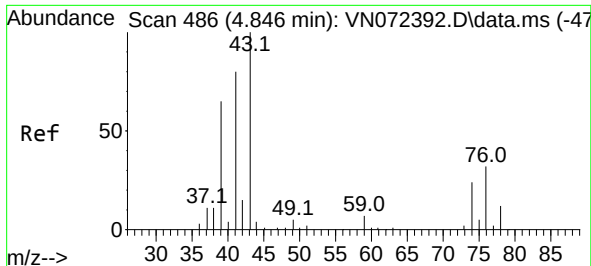
Tgt Ion:168 Resp: 236972
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#16
Acetone
Concen: 25.343 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

Tgt Ion: 43 Resp: 36429
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0

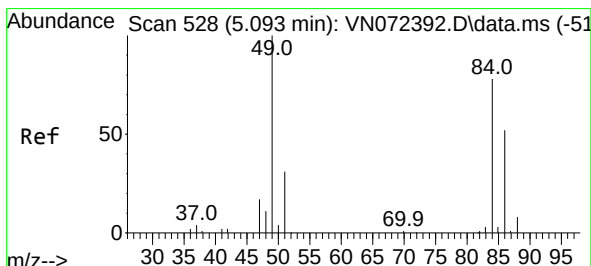
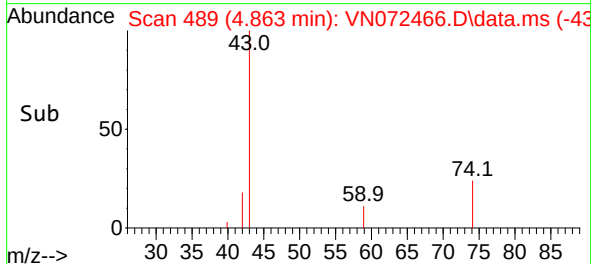
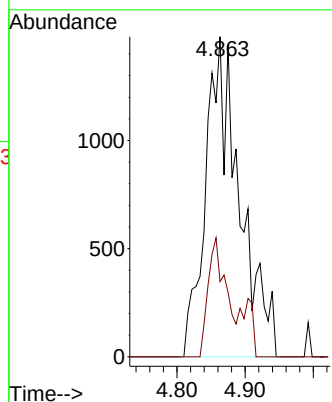
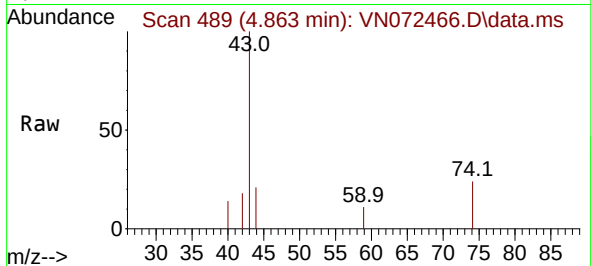




#18
Methyl Acetate
Concen: 1.210 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

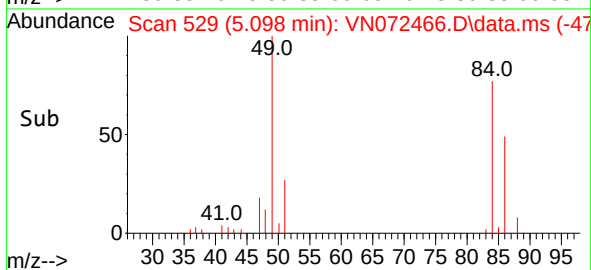
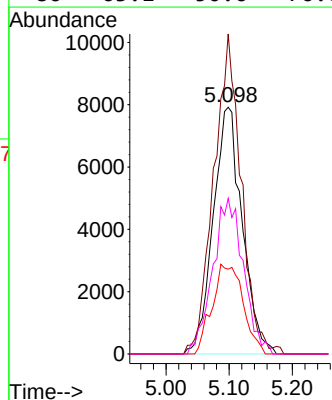
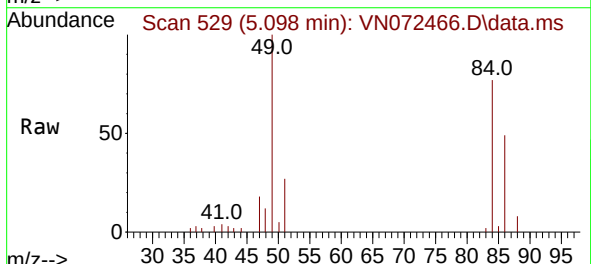
Instrument :
MSVOA_N
ClientSampleId :
PB144752ZHE#02

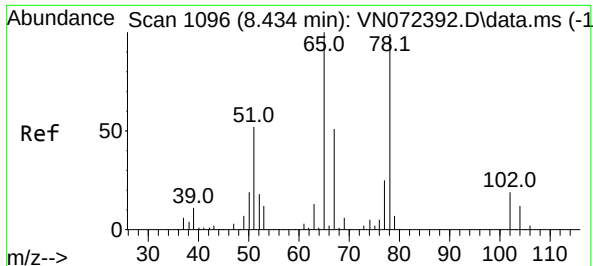
Tgt Ion: 43 Resp: 5123
Ion Ratio Lower Upper
43 100
74 19.8 21.6 32.4#



#20
Methylene Chloride
Concen: 8.581 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

Tgt Ion: 84 Resp: 25291
Ion Ratio Lower Upper
84 100
49 129.7 88.3 132.5
51 34.4 28.2 42.2
86 63.1 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 50.173 ug/l

RT: 8.433 min Scan# 110

Delta R.T. -0.001 min

Lab File: VN072466.D

Acq: 12 May 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

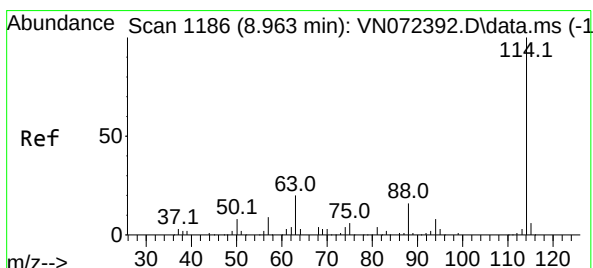
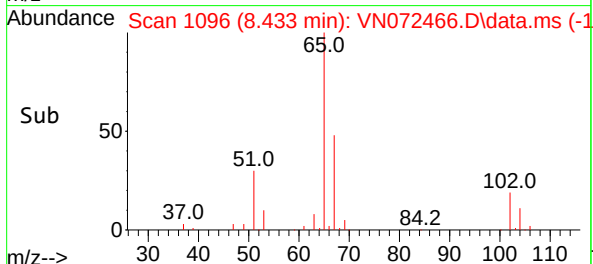
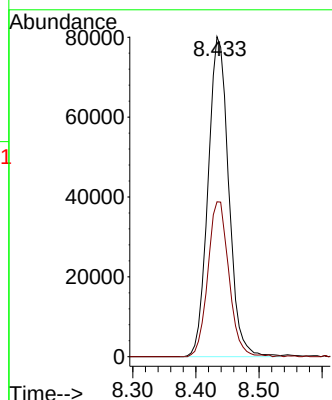
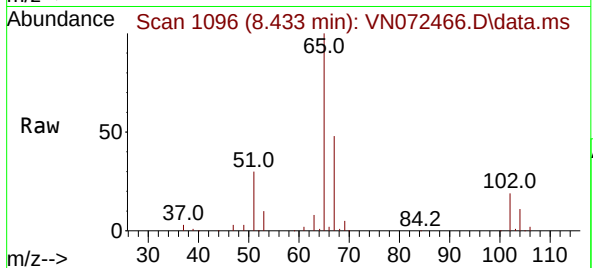
PB144752ZHE#02

Tgt Ion: 65 Resp: 182110

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072466.D

Acq: 12 May 2022 20:34

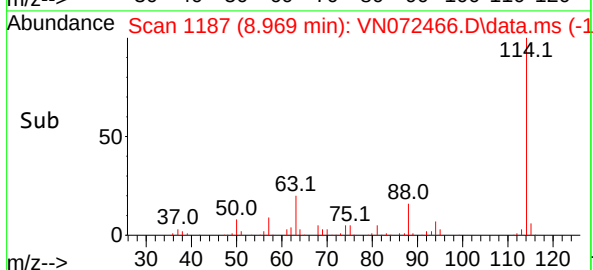
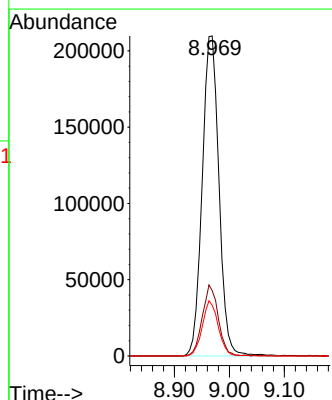
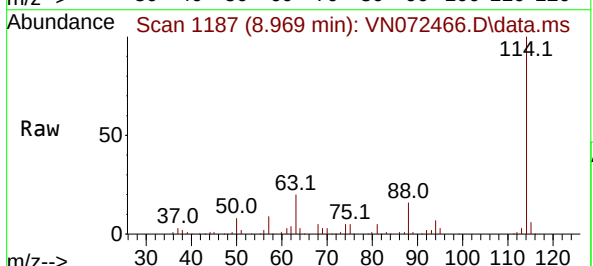
Tgt Ion: 114 Resp: 443877

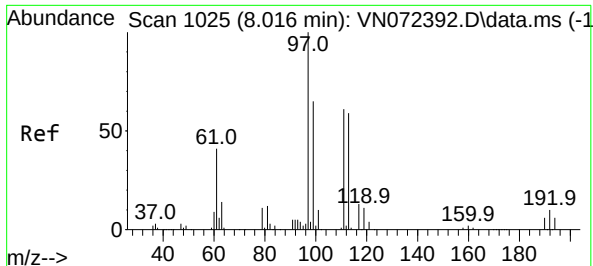
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.957 ug/l

RT: 8.022 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN072466.D

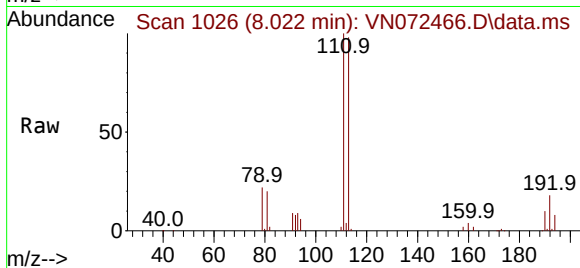
Acq: 12 May 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

PB144752ZHE#02



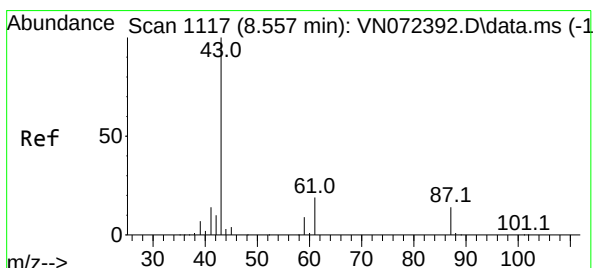
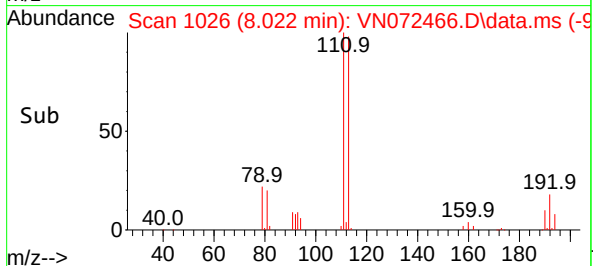
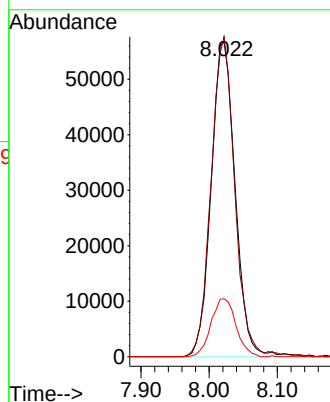
Tgt Ion:113 Resp: 138669

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.0

192 19.2 17.0 25.6



#43

Isopropyl Acetate

Concen: 9.209 ug/l

RT: 8.575 min Scan# 1120

Delta R.T. 0.018 min

Lab File: VN072466.D

Acq: 12 May 2022 20:34

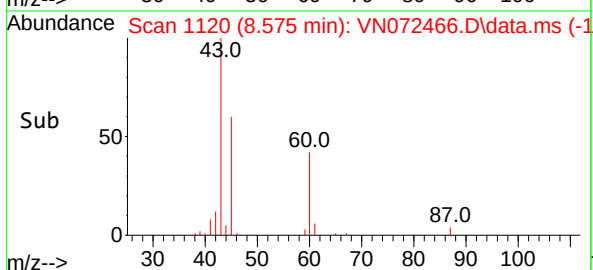
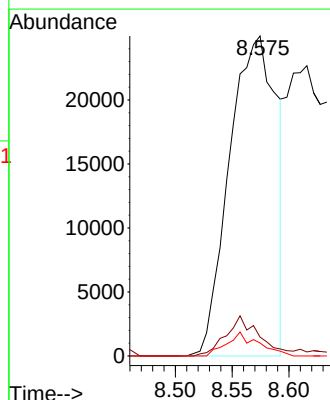
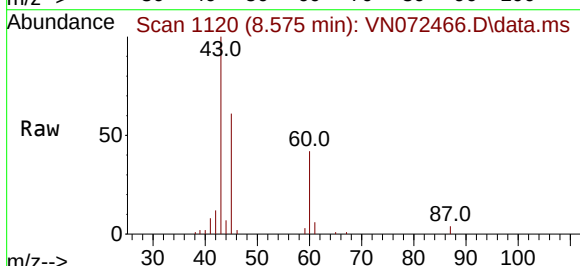
Tgt Ion: 43 Resp: 71984

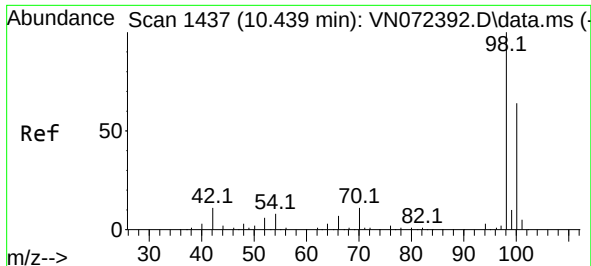
Ion Ratio Lower Upper

43 100

61 9.0 21.9 32.9#

87 5.0 12.0 18.0#

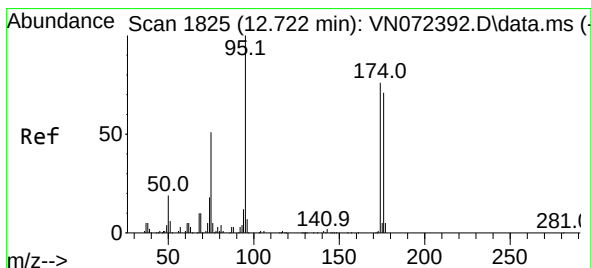
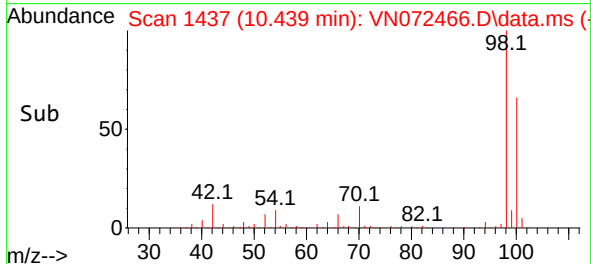
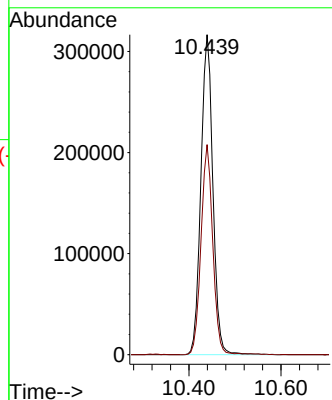
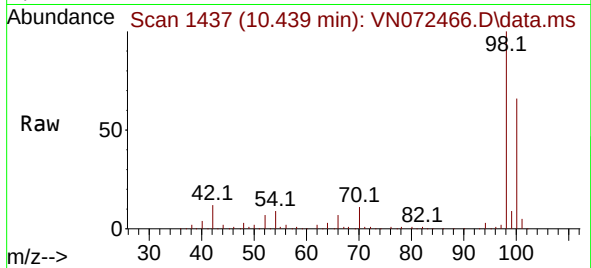




#50
Toluene-d8
Concen: 51.022 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

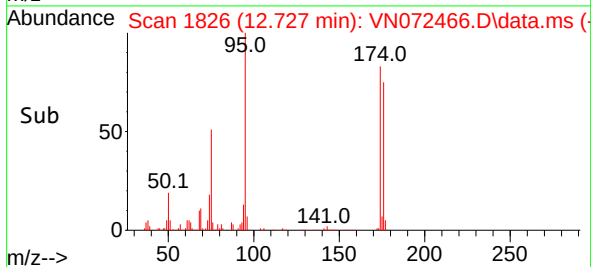
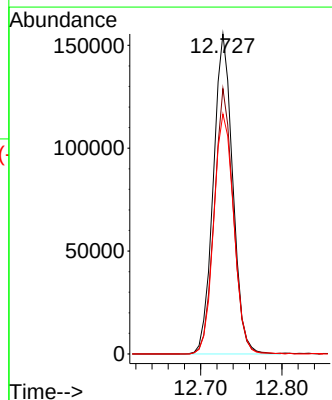
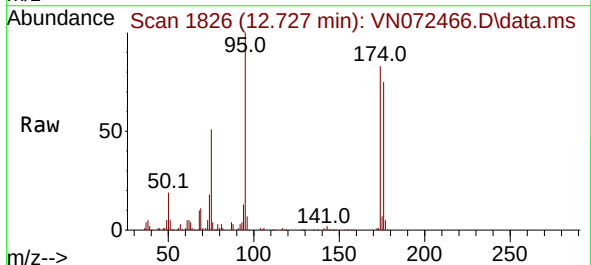
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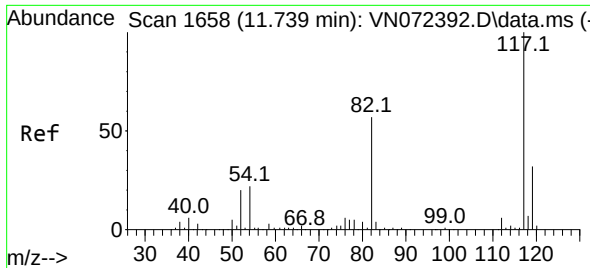
Tgt Ion: 98 Resp: 573841
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 69.169 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

Tgt Ion: 95 Resp: 258356
Ion Ratio Lower Upper
95 100
174 81.1 0.0 167.6
176 77.7 0.0 163.4

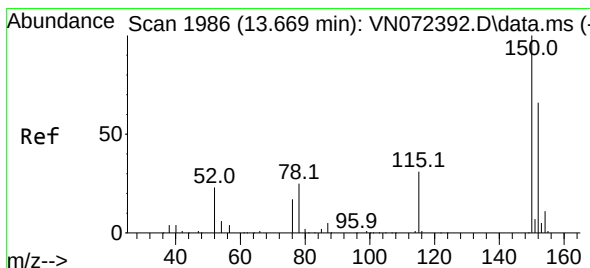
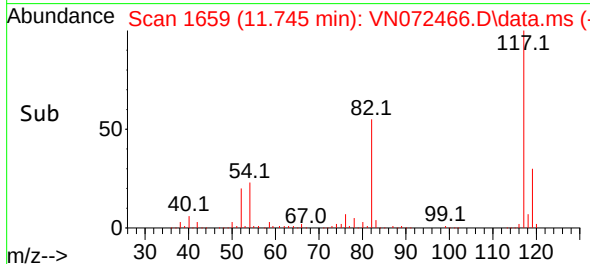
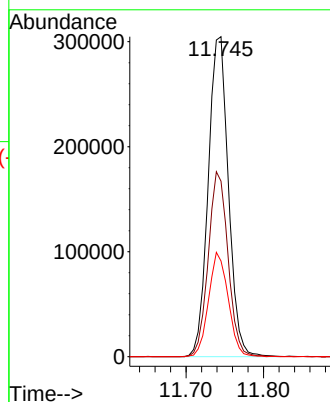
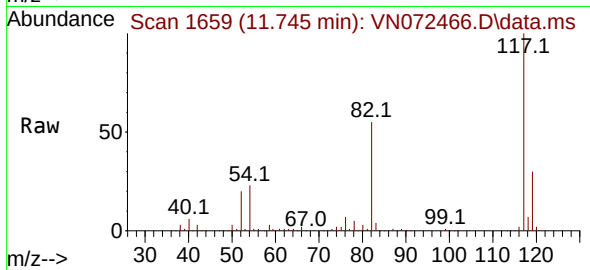




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

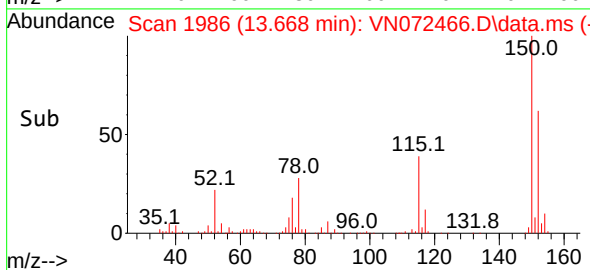
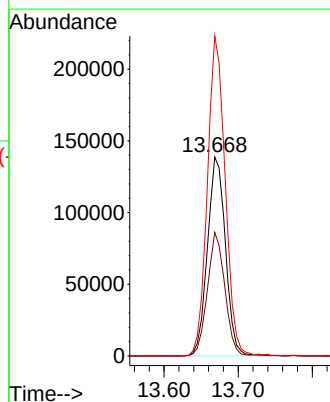
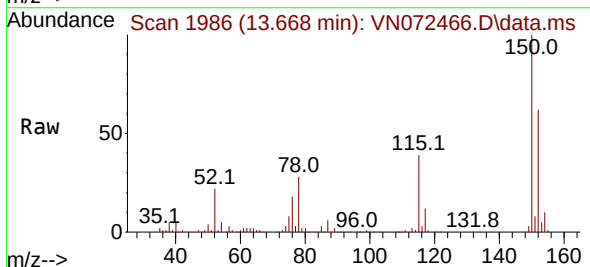
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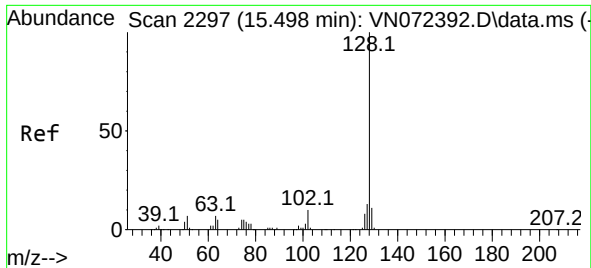
Tgt Ion:117 Resp: 551428
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 29.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

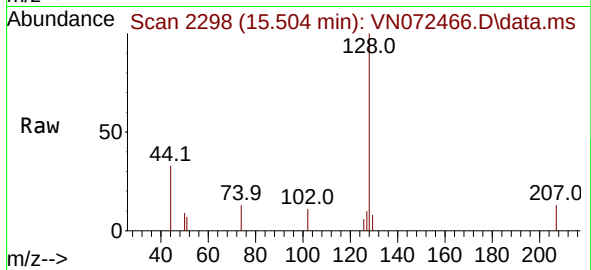
Tgt Ion:152 Resp: 234681
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 159.0 0.0 356.2





#95
Naphthalene
Concen: 3.622 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072466.D
Acq: 12 May 2022 20:34

Instrument :
MSVOA_N
ClientSampleId :
PB144752ZHE#02



Tgt Ion:	128	Resp:	5336
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.3	15.5
129	10.0	8.6	13.0

