

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072464.D
 Acq On : 12 May 2022 19:45
 Operator : JC\MD
 Sample : PB144752TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB144752TB

Quant Time: May 13 02:49:31 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)

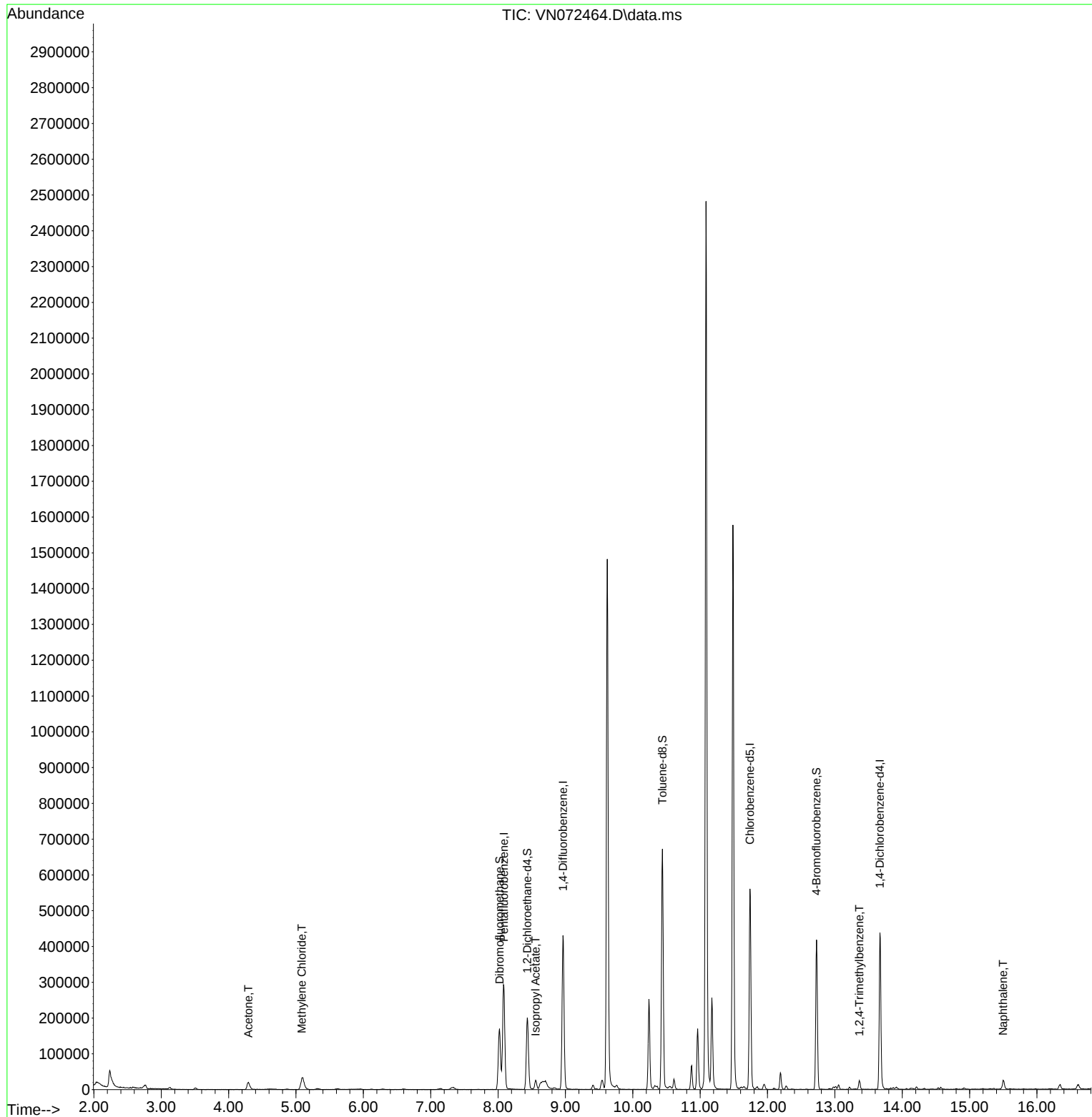
Internal Standards						
1) Pentafluorobenzene	8.086	168	217950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	364763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	327259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	118118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	178195	53.379	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.760%	
35) Dibromofluoromethane	8.022	113	122557	50.502	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.000%	
50) Toluene-d8	10.439	98	460245	49.797	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.727	95	146923	47.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	38982	29.486	ug/l #	86
20) Methylene Chloride	5.087	84	26815	9.892	ug/l	88
43) Isopropyl Acetate	8.557	43	27728	4.317	ug/l #	90
84) 1,2,4-Trimethylbenzene	13.363	105	15543	1.994	ug/l	91
95) Naphthalene	15.498	128	26169	7.518	ug/l	96

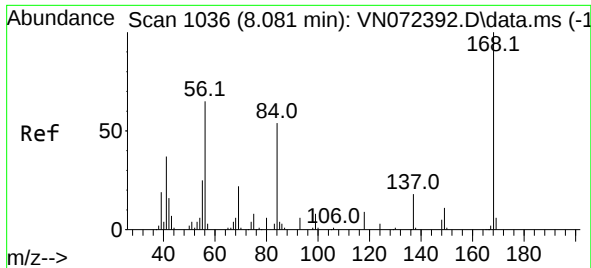
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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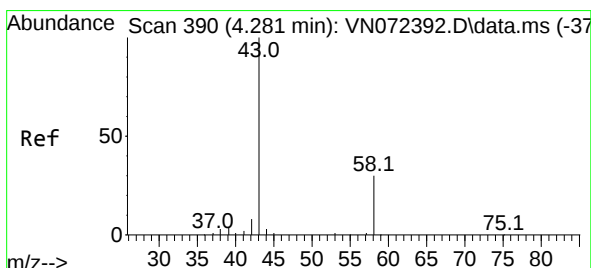
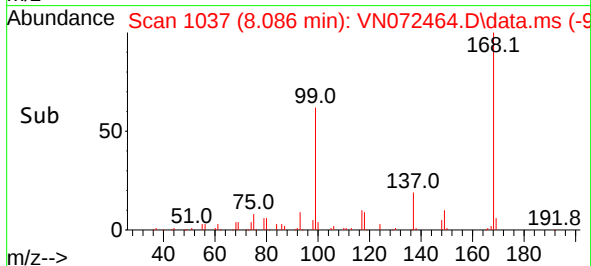
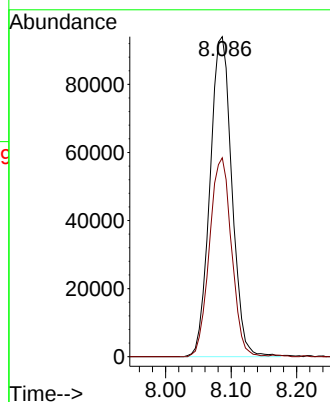
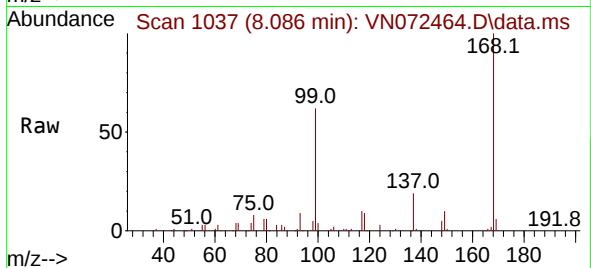




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072464.D
Acq: 12 May 2022 19:45

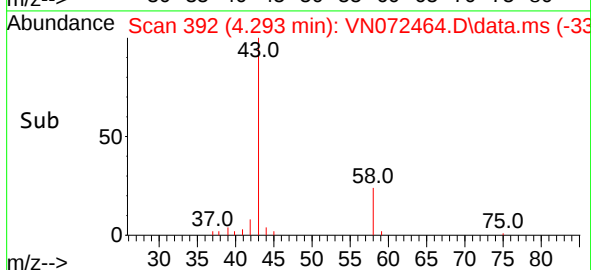
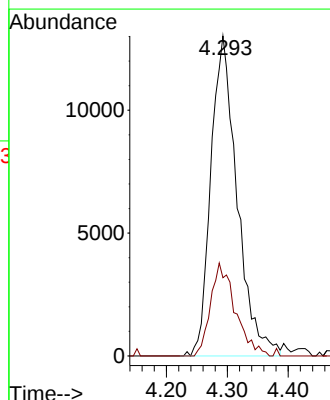
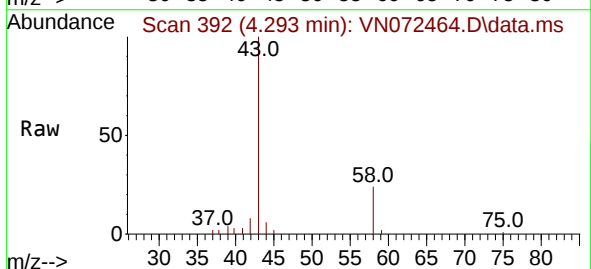
Instrument :
MSVOA_N
ClientSampleId :
PB144752TB

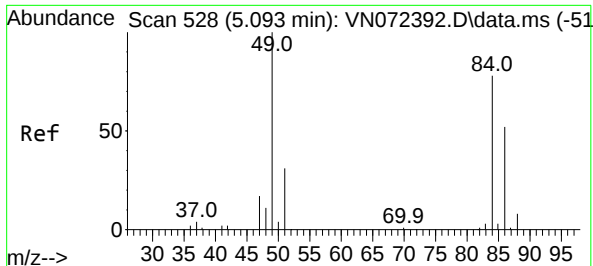
Tgt Ion:168 Resp: 217950
Ion Ratio Lower Upper
168 100
99 62.1 42.3 63.5



#16
Acetone
Concen: 29.486 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072464.D
Acq: 12 May 2022 19:45

Tgt Ion: 43 Resp: 38982
Ion Ratio Lower Upper
43 100
58 24.5 26.0 39.0#

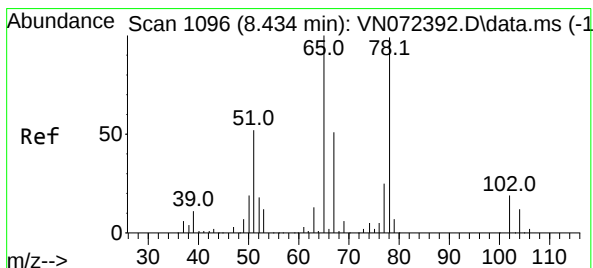
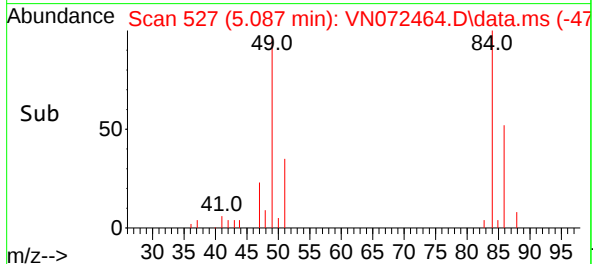
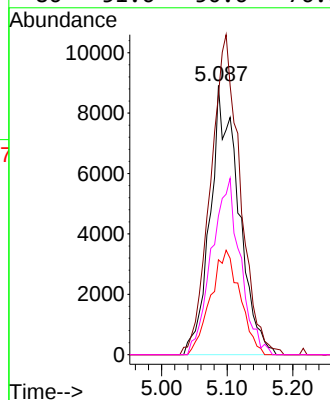
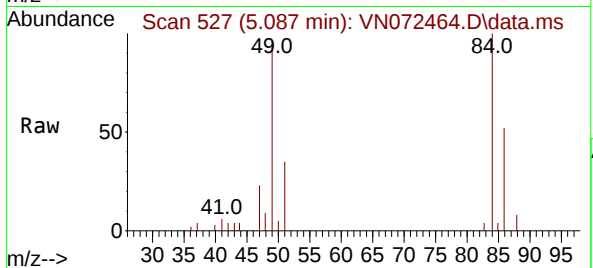




#20
Methylene Chloride
Concen: 9.892 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072464.D
Acq: 12 May 2022 19:45

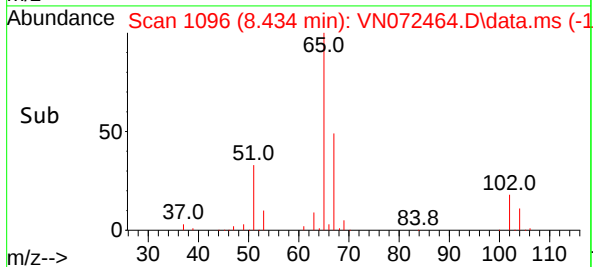
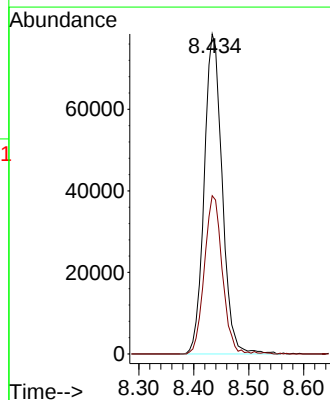
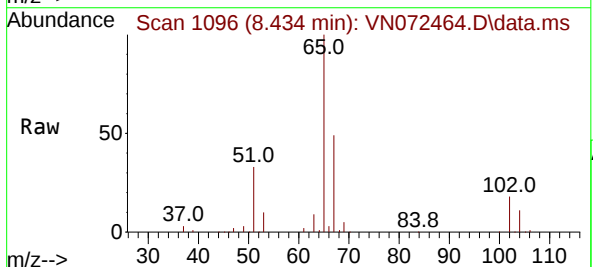
Instrument :
MSVOA_N
ClientSampleId :
PB144752TB

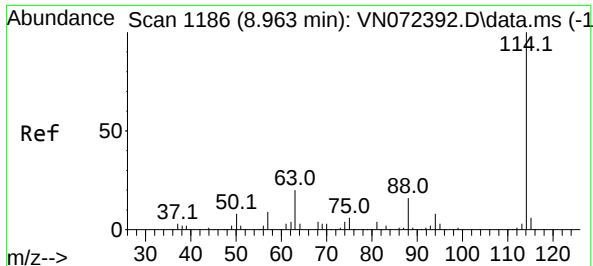
Tgt Ion: 84	Resp: 26815		
Ion	Ratio	Lower	Upper
84	100		
49	96.3	88.3	132.5
51	35.3	28.2	42.2
86	51.6	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 53.379 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072464.D
Acq: 12 May 2022 19:45

Tgt Ion: 65	Resp: 178195
Ion Ratio	Lower Upper
65 100	
67 49.1	0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072464.D

Acq: 12 May 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB144752TB

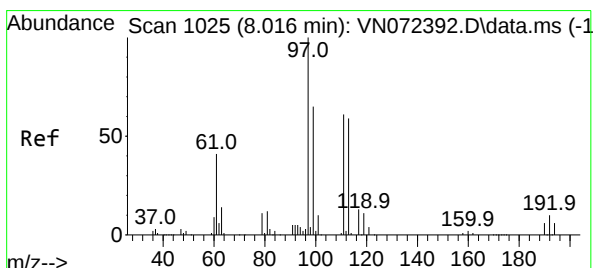
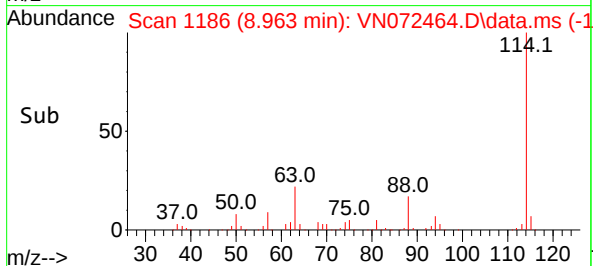
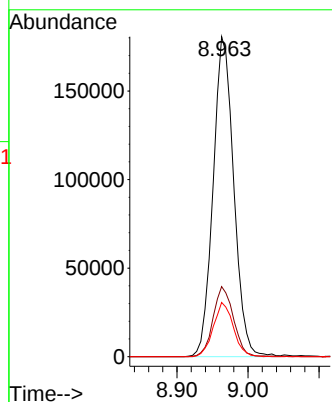
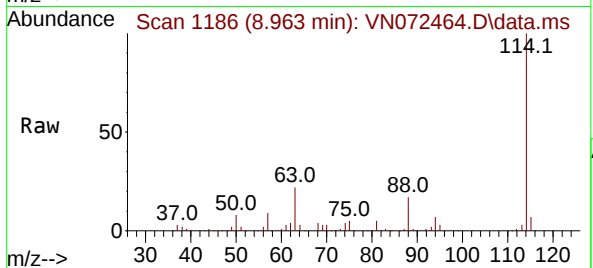
Tgt Ion:114 Resp: 364763

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.502 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072464.D

Acq: 12 May 2022 19:45

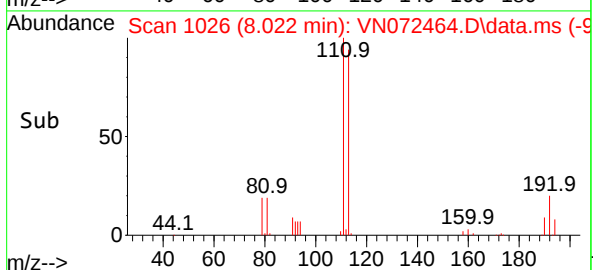
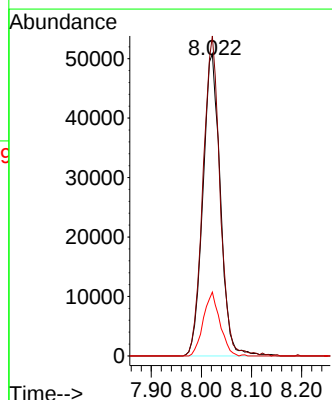
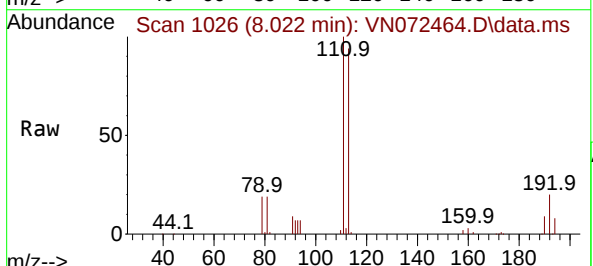
Tgt Ion:113 Resp: 122557

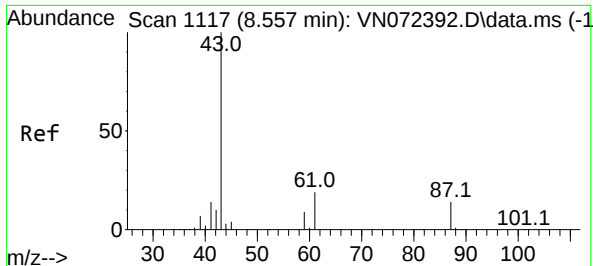
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 20.1 17.0 25.6





#43

Isopropyl Acetate

Concen: 4.317 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072464.D

Acq: 12 May 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB144752TB

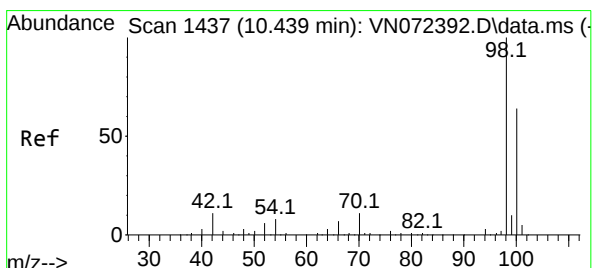
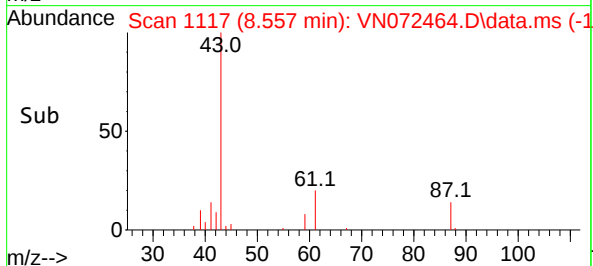
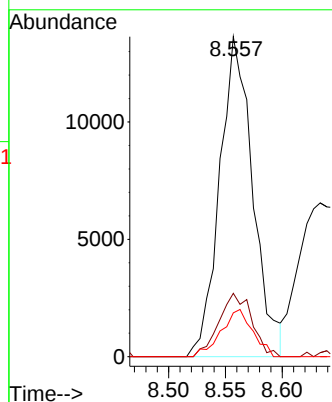
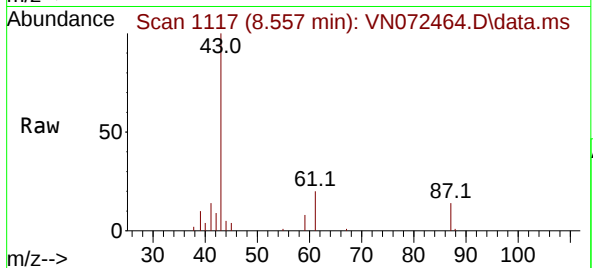
Tgt Ion: 43 Resp: 27728

Ion Ratio Lower Upper

43 100

61 19.6 21.9 32.9#

87 14.0 12.0 18.0



#50

Toluene-d8

Concen: 49.797 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072464.D

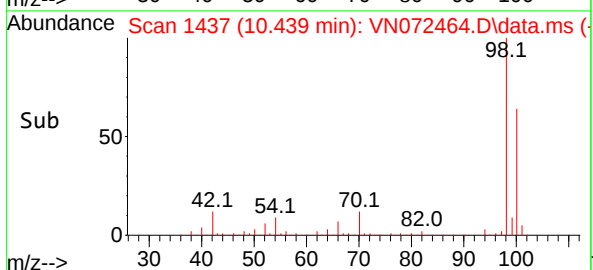
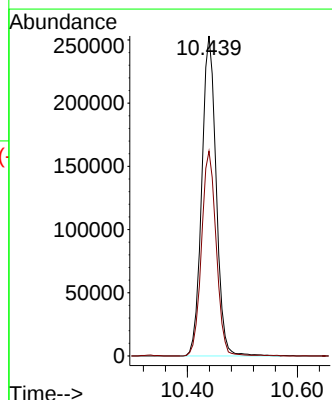
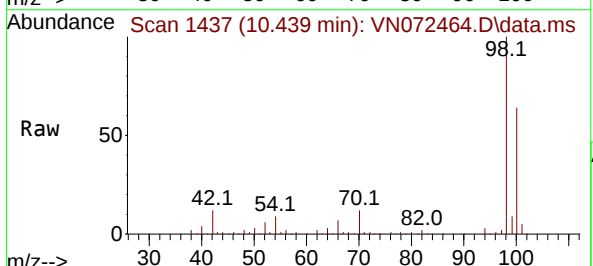
Acq: 12 May 2022 19:45

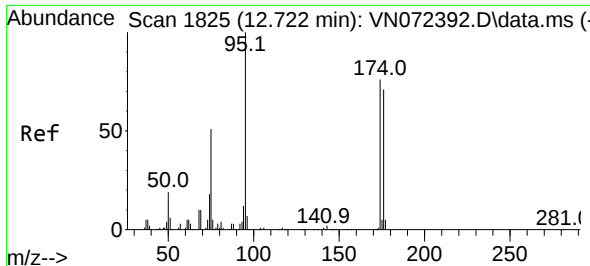
Tgt Ion: 98 Resp: 460245

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

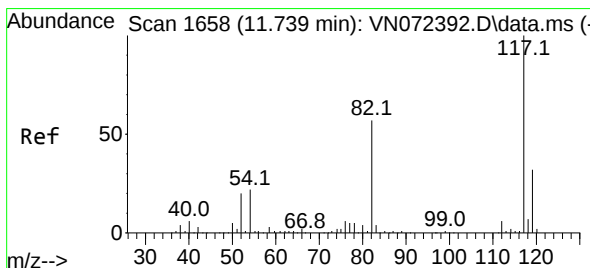
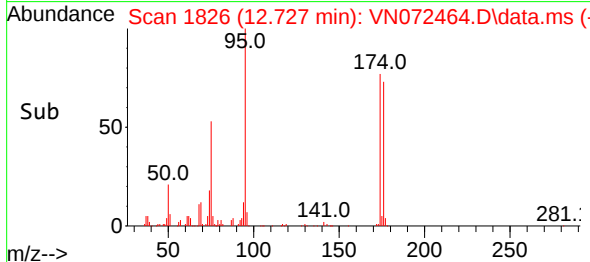
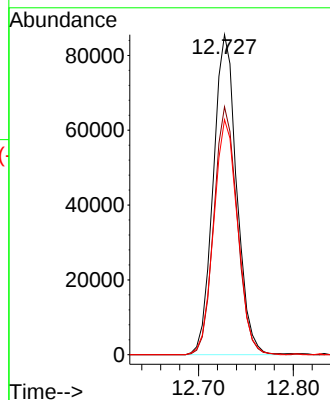
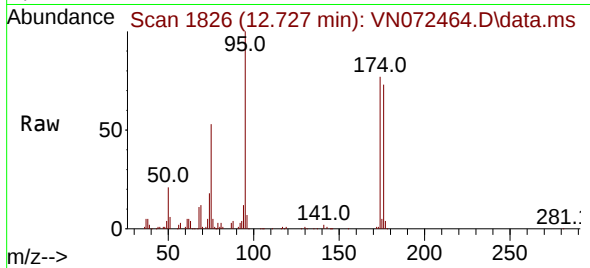




#62
4-Bromofluorobenzene
Concen: 47.867 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072464.D
Acq: 12 May 2022 19:45

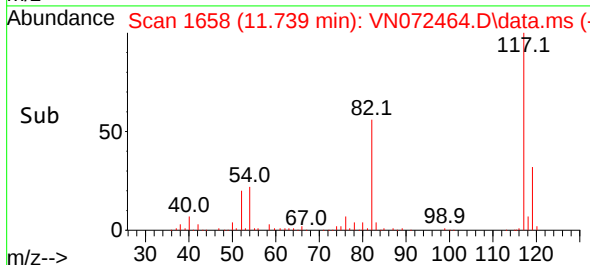
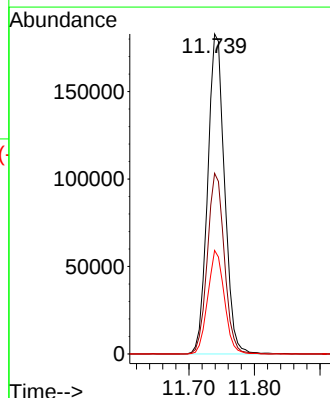
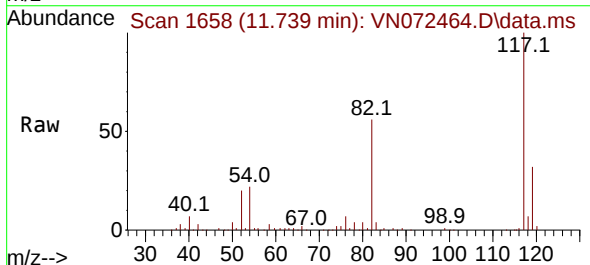
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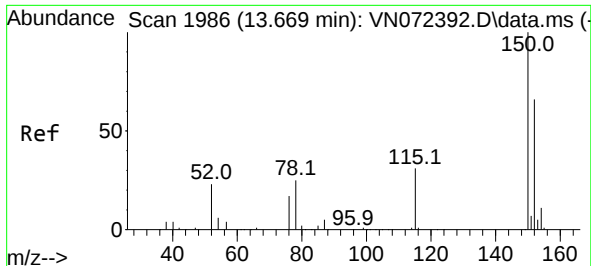
Tgt Ion: 95 Resp: 146923
Ion Ratio Lower Upper
95 100
174 77.2 0.0 167.6
176 75.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072464.D
Acq: 12 May 2022 19:45

Tgt Ion: 117 Resp: 327259
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 32.4 25.4 38.0

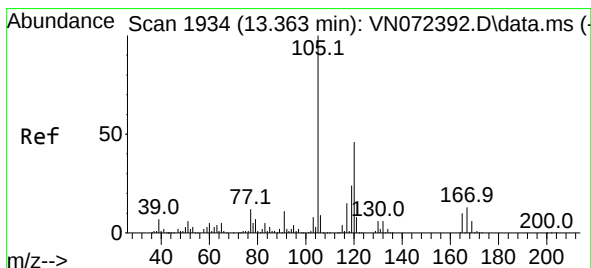
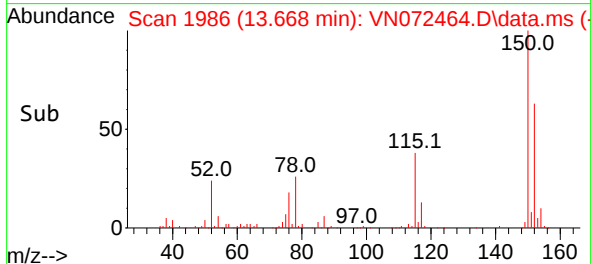
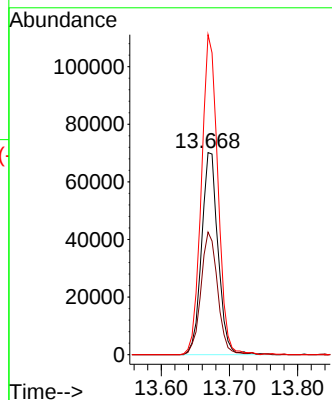
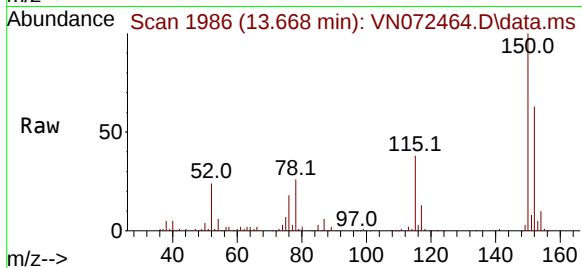




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072464.D
 Acq: 12 May 2022 19:45

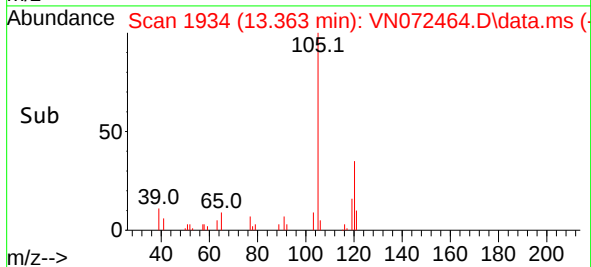
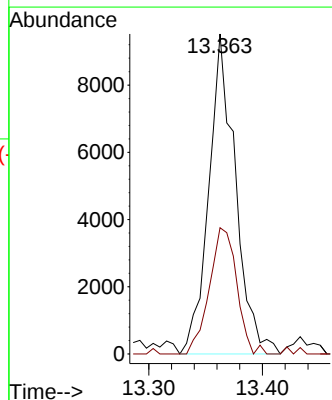
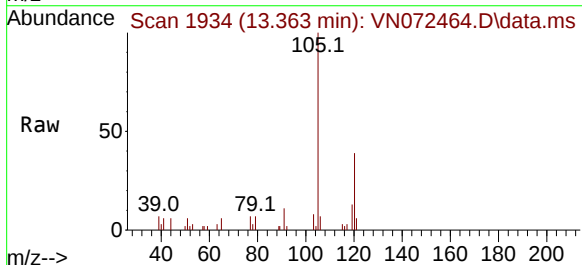
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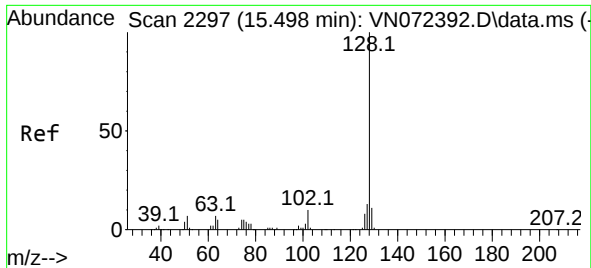
Tgt Ion:152 Resp: 118118
 Ion Ratio Lower Upper
 152 100
 115 61.8 28.9 86.7
 150 158.1 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.994 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN072464.D
 Acq: 12 May 2022 19:45

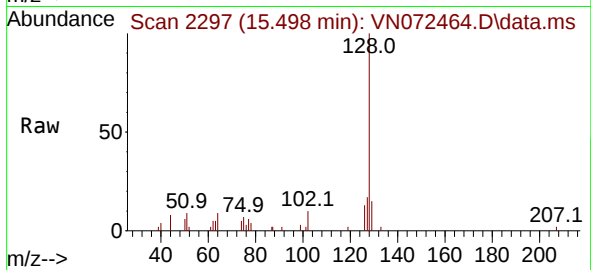
Tgt Ion:105 Resp: 15543
 Ion Ratio Lower Upper
 105 100
 120 40.4 23.3 69.8





#95
Naphthalene
Concen: 7.518 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072464.D
Acq: 12 May 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB144752TB



Tgt Ion:	128	Resp:	26169
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.3	15.5
129	11.6	8.6	13.0

