

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072809.D
 Acq On : 13 Jun 2022 21:20
 Operator : JC\MD
 Sample : PB145459TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145459TB

Quant Time: Jun 14 05:22:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

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

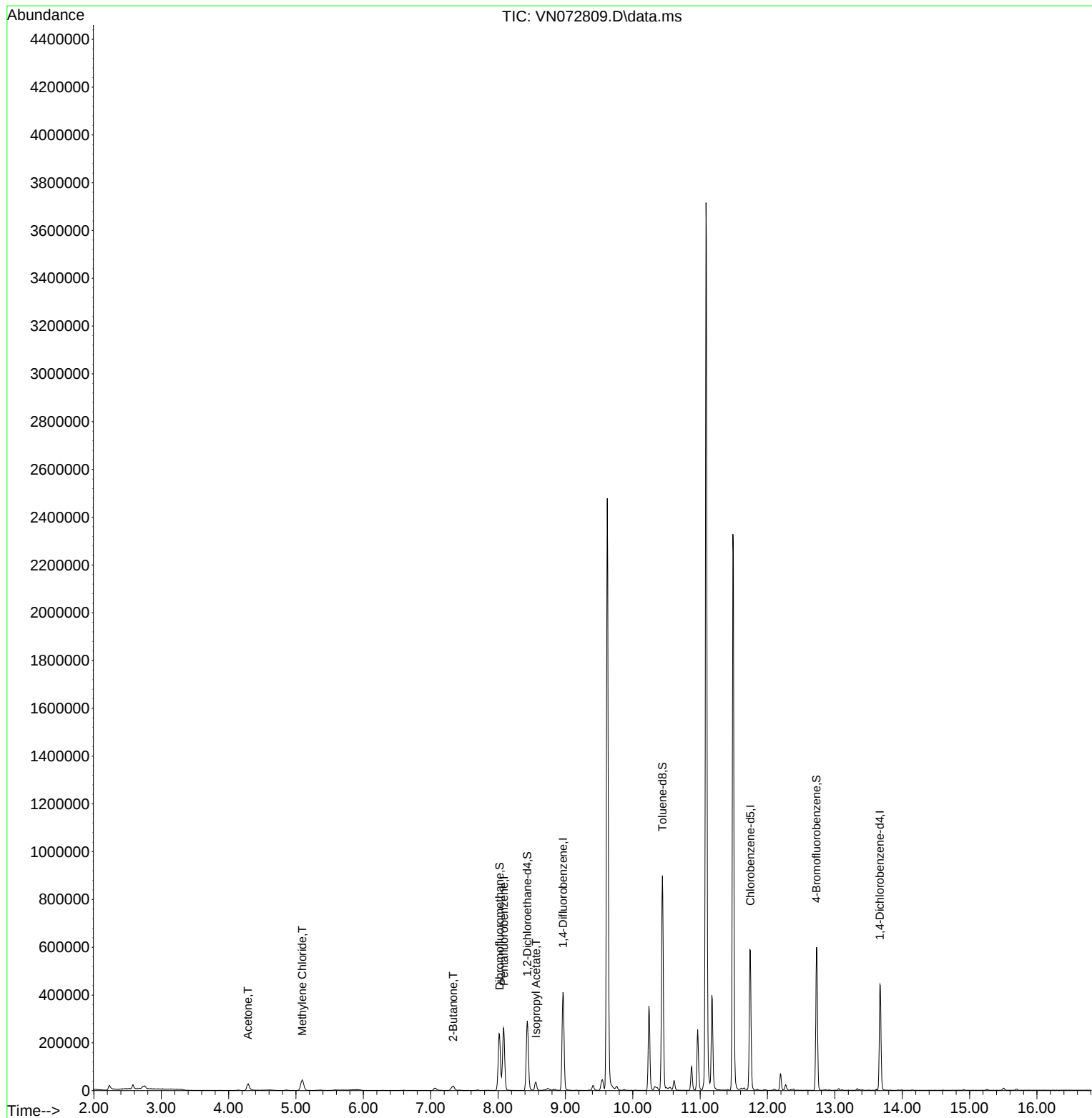
Internal Standards						
1) Pentafluorobenzene	8.086	168	164404	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	328600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	308758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	107084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	242800	52.747	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	105.500%	
35) Dibromofluoromethane	8.022	113	168933	51.620	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	103.240%	
50) Toluene-d8	10.439	98	577628	43.950	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	87.900%	
62) 4-Bromofluorobenzene	12.727	95	206863	44.539	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	89.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	52287	25.013	ug/l	# 87
20) Methylene Chloride	5.092	84	32159	10.229	ug/l	# 79
25) 2-Butanone	7.333	43	27290	8.323	ug/l	96
43) Isopropyl Acetate	8.563	43	40366	3.743	ug/l	# 86

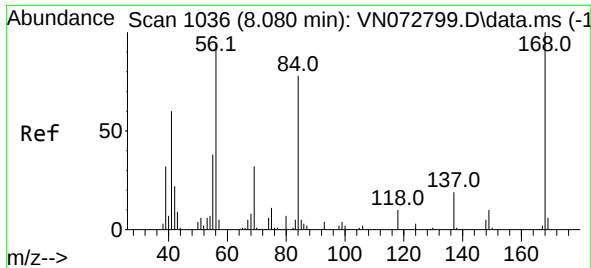
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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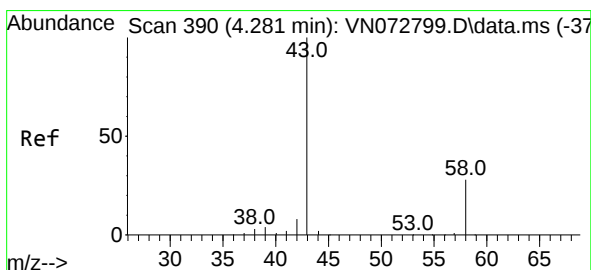
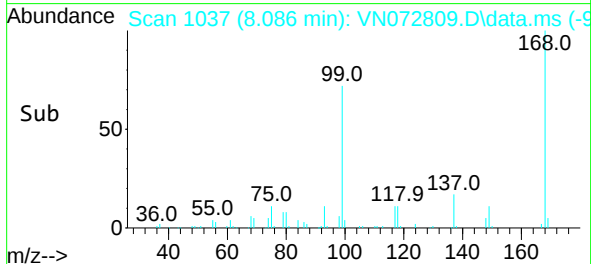
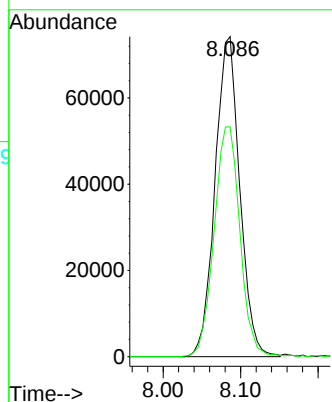
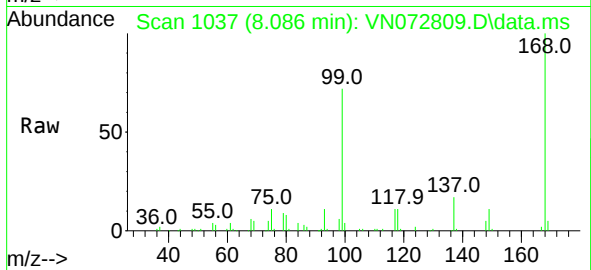




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072809.D
Acq: 13 Jun 2022 21:20

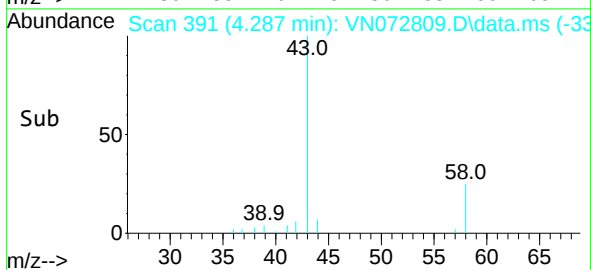
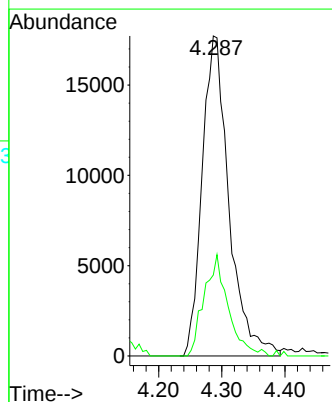
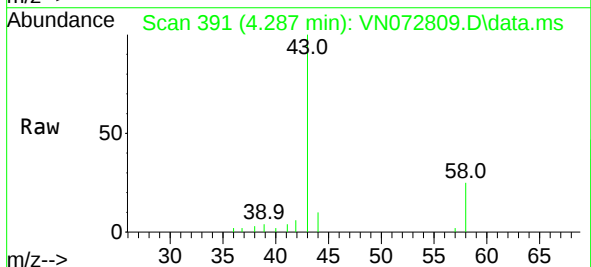
Instrument :
MSVOA_N
ClientSampleId :
PB145459TB

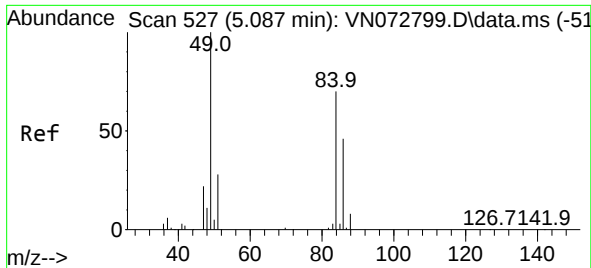
Tgt Ion:168 Resp: 164404
Ion Ratio Lower Upper
168 100
99 71.8 42.3 63.5#



#16
Acetone
Concen: 25.013 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072809.D
Acq: 13 Jun 2022 21:20

Tgt Ion: 43 Resp: 52287
Ion Ratio Lower Upper
43 100
58 25.3 26.0 39.0#

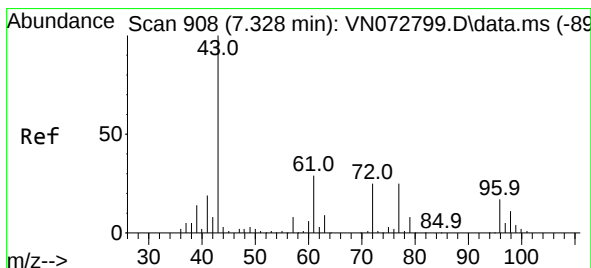
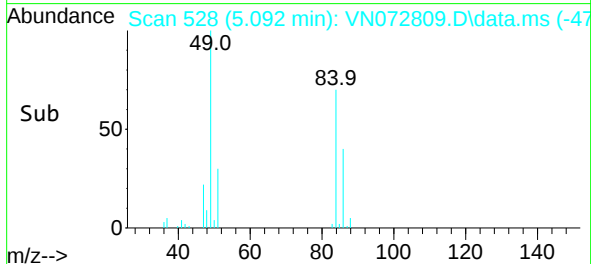
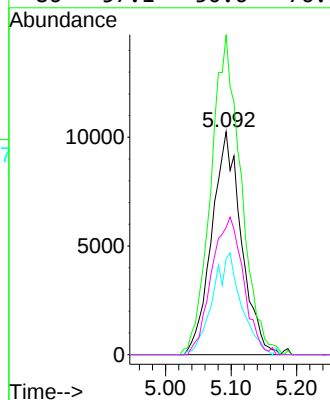
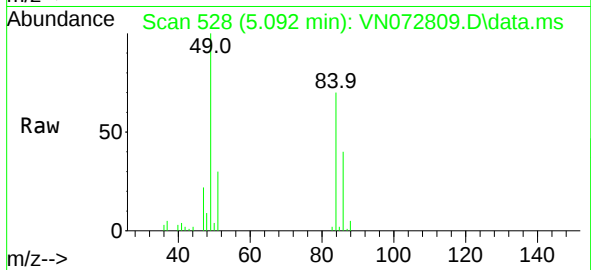




#20
Methylene Chloride
Concen: 10.229 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072809.D
Acq: 13 Jun 2022 21:20

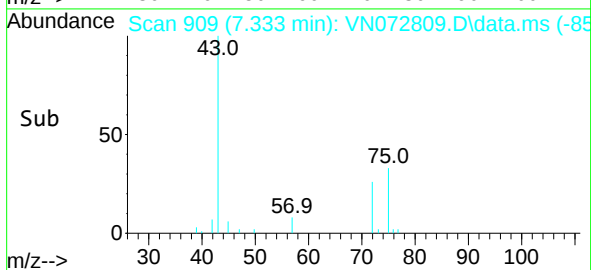
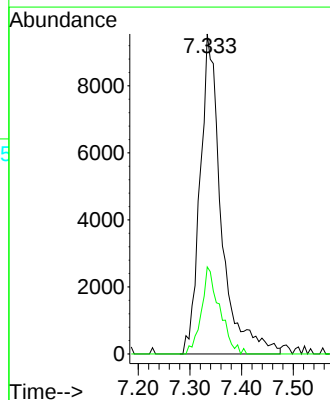
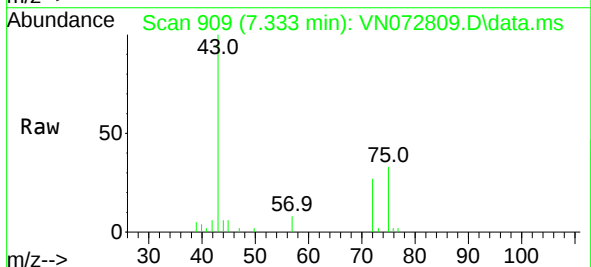
Instrument :
MSVOA_N
ClientSampleId :
PB145459TB

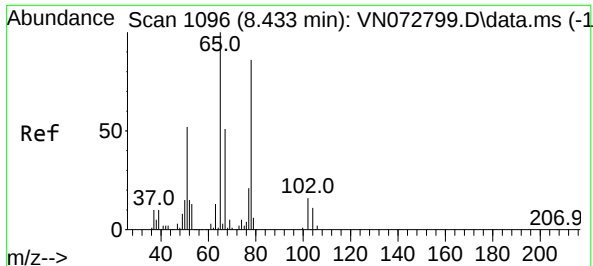
Tgt Ion:	84	Resp:	32159
Ion	Ratio	Lower	Upper
84	100		
49	143.6	88.3	132.5#
51	43.2	28.2	42.2#
86	57.1	50.6	76.0



#25
2-Butanone
Concen: 8.323 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072809.D
Acq: 13 Jun 2022 21:20

Tgt Ion:	43	Resp:	27290
Ion	Ratio	Lower	Upper
43	100		
72	27.2	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 52.747 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072809.D

Acq: 13 Jun 2022 21:20

Instrument :

MSVOA_N

ClientSampleId :

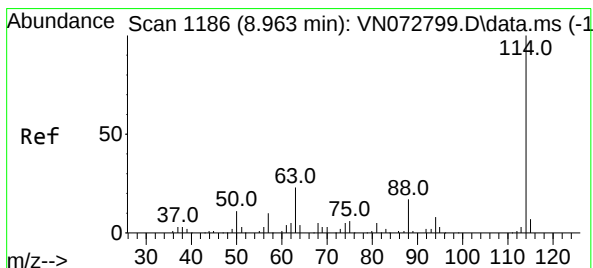
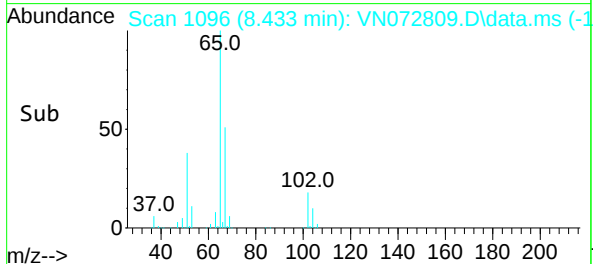
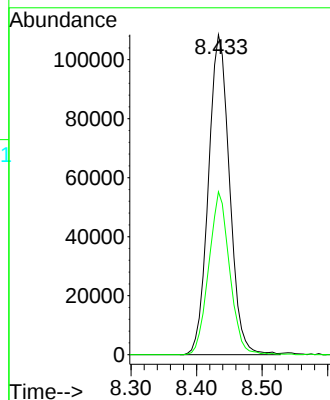
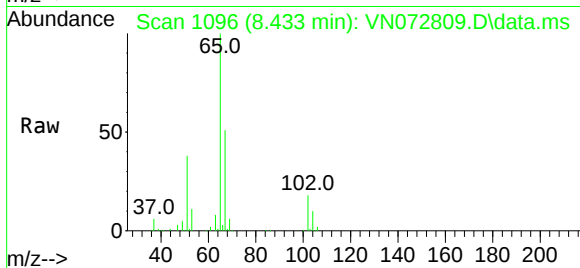
PB145459TB

Tgt Ion: 65 Resp: 242800

Ion Ratio Lower Upper

65 100

67 50.3 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: VN072809.D

Acq: 13 Jun 2022 21:20

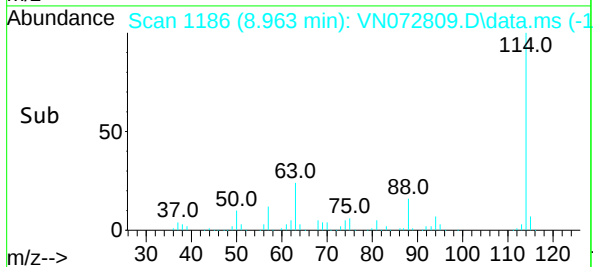
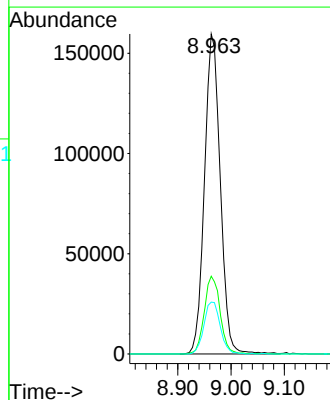
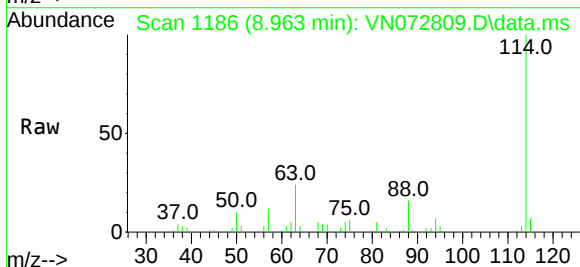
Tgt Ion: 114 Resp: 328600

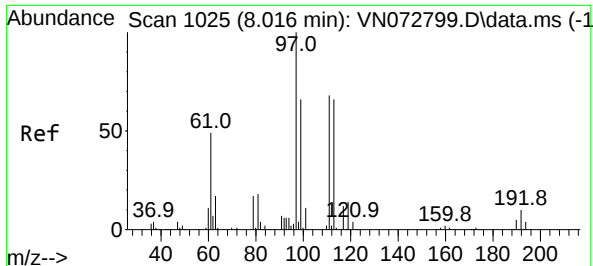
Ion Ratio Lower Upper

114 100

63 24.3 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.620 ug/l

RT: 8.022 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN072809.D

Acq: 13 Jun 2022 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB145459TB

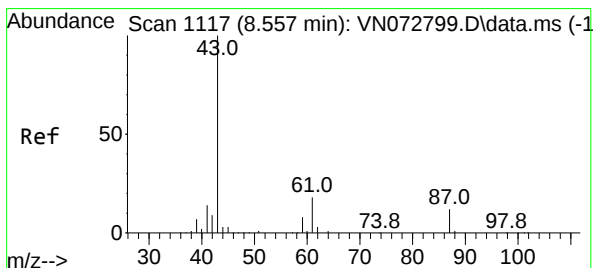
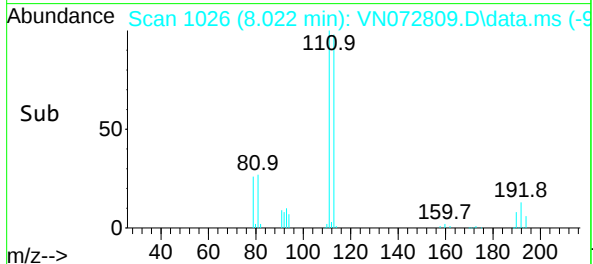
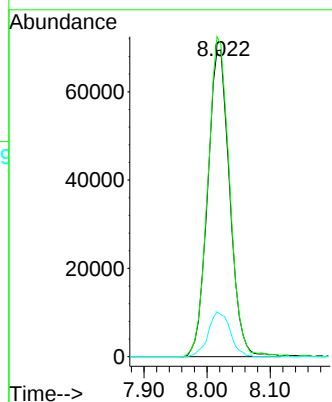
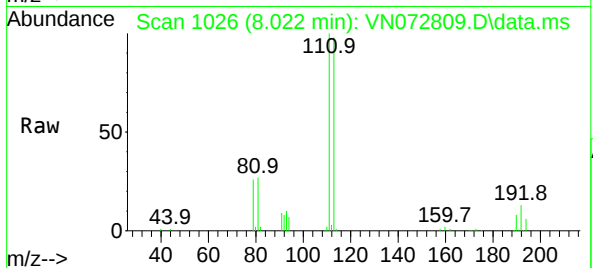
Tgt Ion:113 Resp: 168933

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 14.5 17.0 25.6#



#43

Isopropyl Acetate

Concen: 3.743 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072809.D

Acq: 13 Jun 2022 21:20

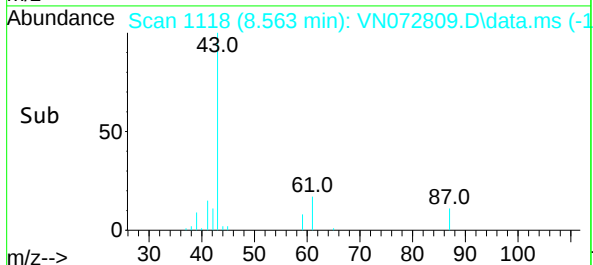
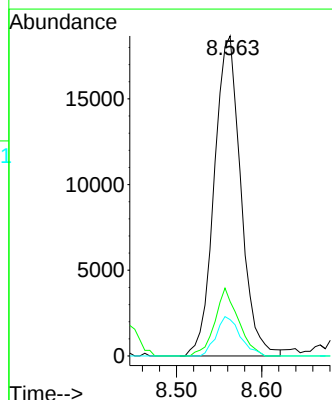
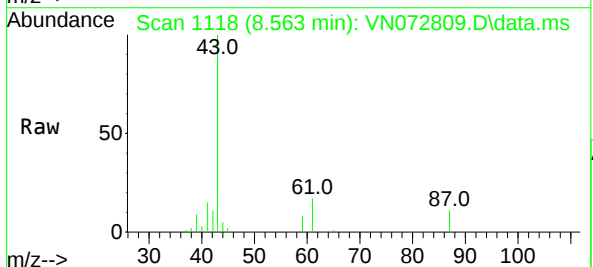
Tgt Ion: 43 Resp: 40366

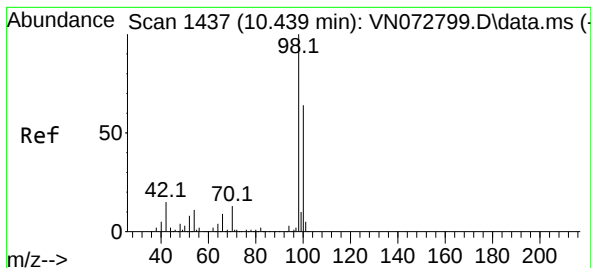
Ion Ratio Lower Upper

43 100

61 18.7 21.9 32.9#

87 11.1 12.0 18.0#

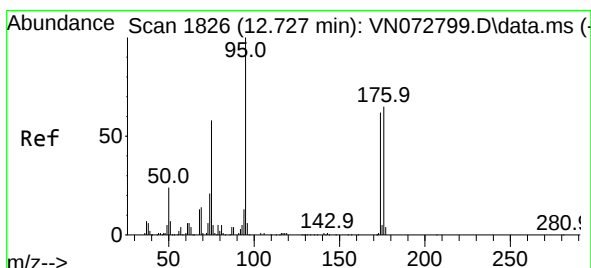
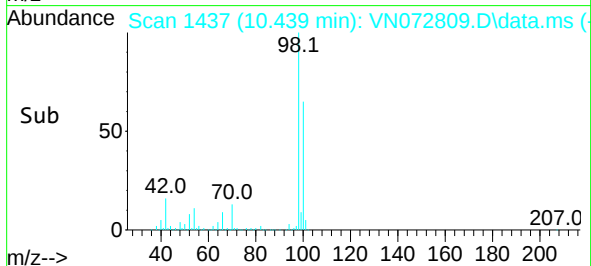
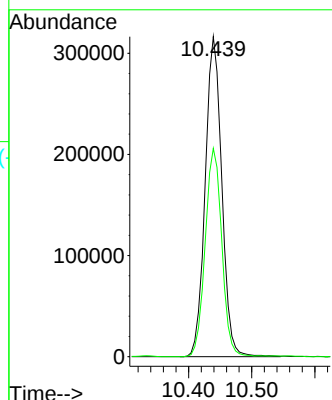
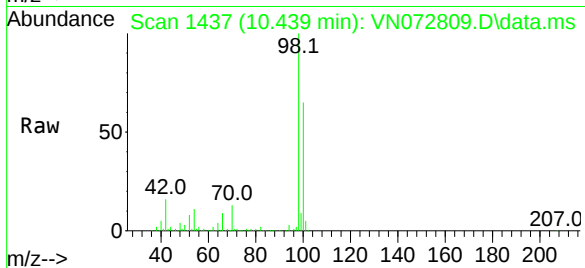




#50
Toluene-d8
Concen: 43.950 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072809.D
Acq: 13 Jun 2022 21:20

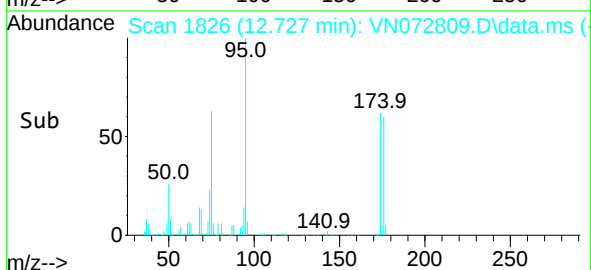
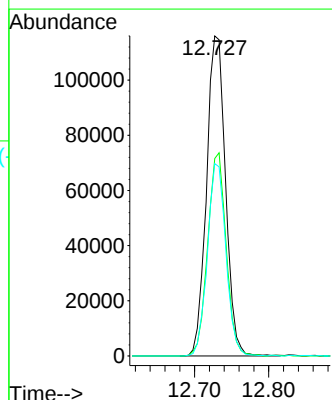
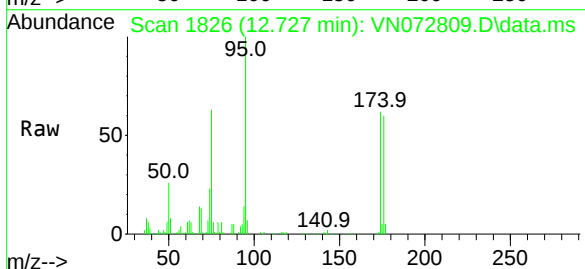
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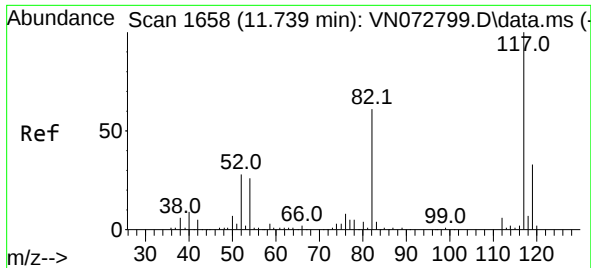
Tgt Ion: 98 Resp: 577628
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.539 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072809.D
Acq: 13 Jun 2022 21:20

Tgt Ion: 95 Resp: 206863
Ion Ratio Lower Upper
95 100
174 61.6 0.0 167.6
176 58.5 0.0 163.4

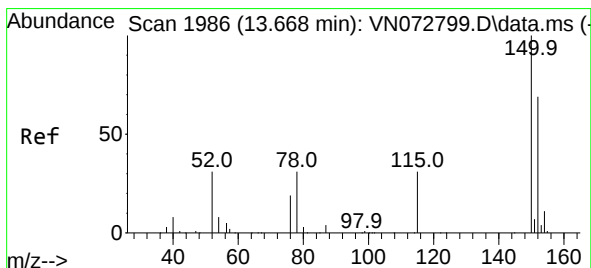
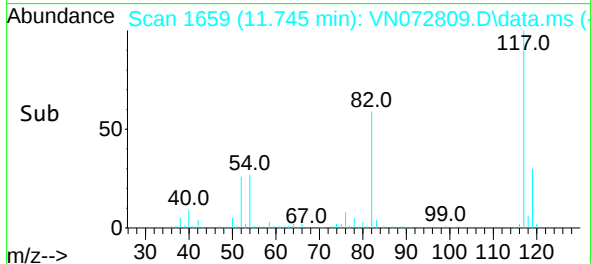
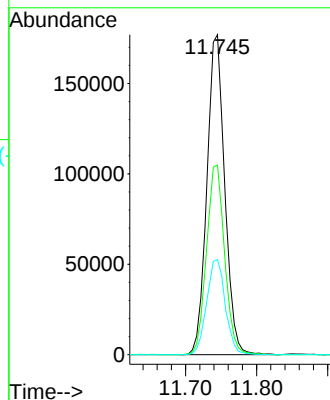
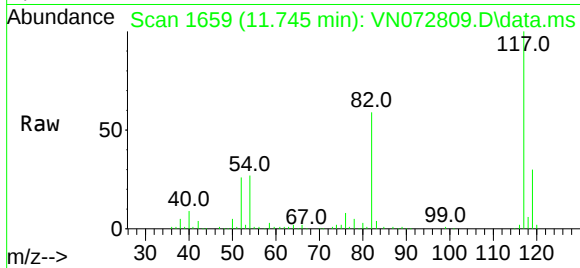




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072809.D
Acq: 13 Jun 2022 21:20

Instrument :
MSVOA_N
ClientSampleId :
PB145459TB

Tgt Ion:117 Resp: 308758
Ion Ratio Lower Upper
117 100
82 59.2 44.2 66.2
119 29.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072809.D
Acq: 13 Jun 2022 21:20

Tgt Ion:152 Resp: 107084
Ion Ratio Lower Upper
152 100
115 65.3 28.9 86.7
150 154.9 0.0 356.2

