

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074216.D
 Acq On : 31 Aug 2022 15:59
 Operator : JC\MD
 Sample : N4456-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 01 00:26:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

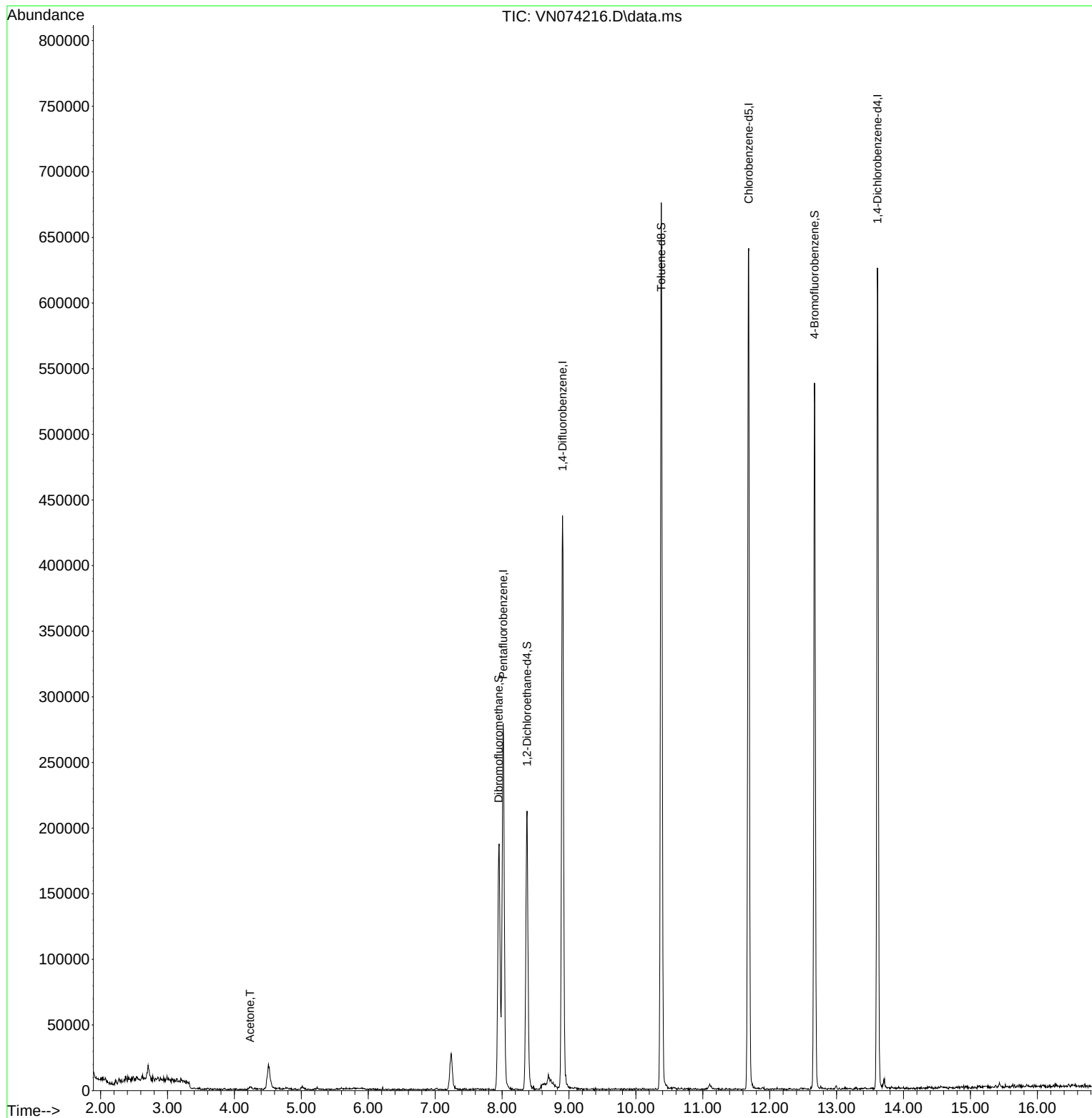
Internal Standards						
1) Pentafluorobenzene	8.016	168	192486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	361543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	339472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	152138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	161635	54.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.260%	
35) Dibromofluoromethane	7.951	113	130674	55.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.080%	
50) Toluene-d8	10.380	98	435472	47.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.000%	
62) 4-Bromofluorobenzene	12.668	95	163362	57.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.960%	
Target Compounds						
16) Acetone	4.234	43	4428	2.219	ug/l	Qvalue # 88

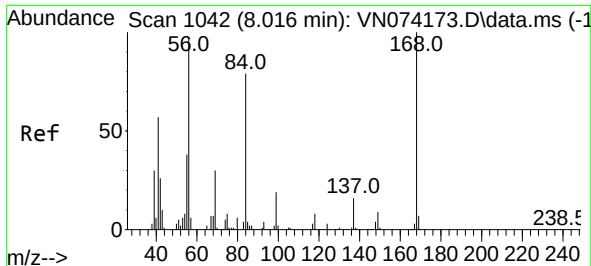
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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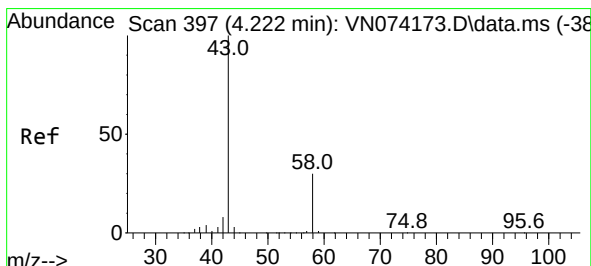
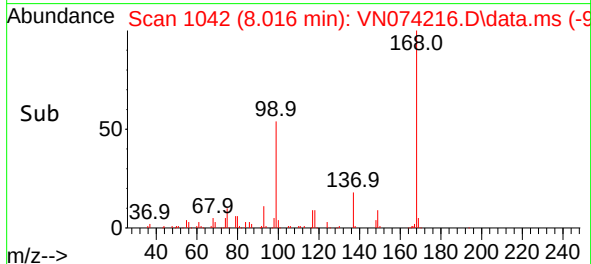
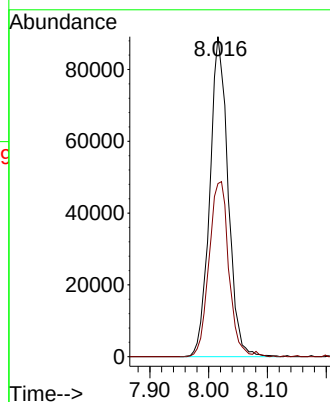
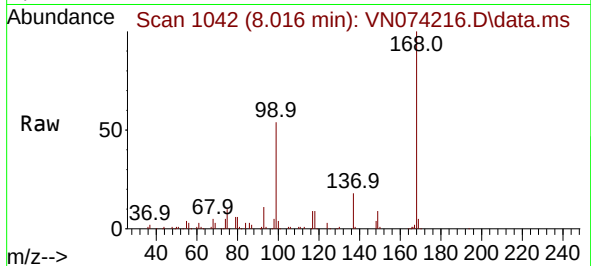




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074216.D
Acq: 31 Aug 2022 15:59

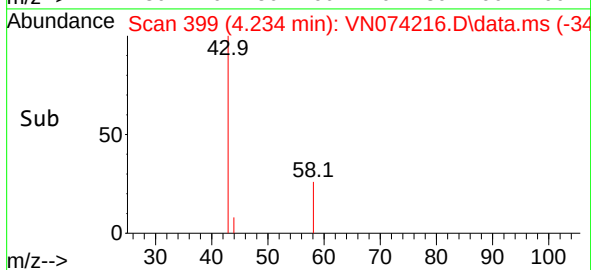
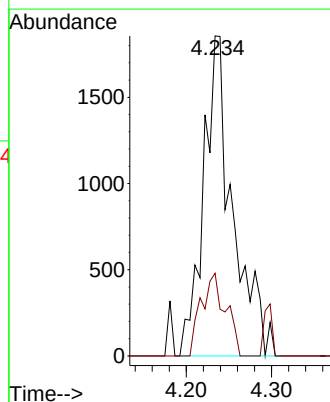
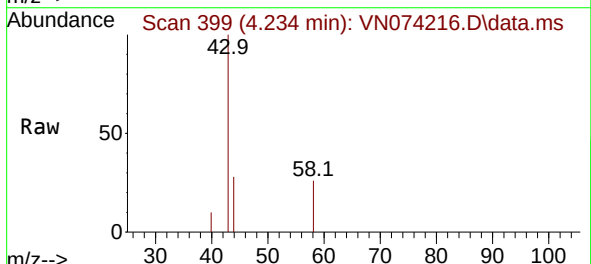
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

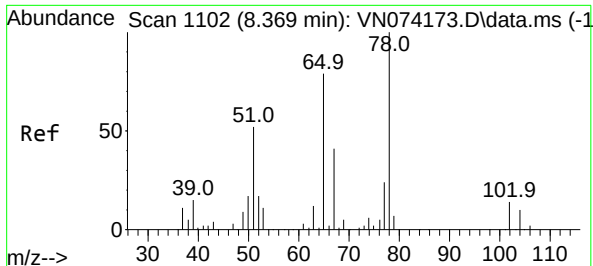
Tgt Ion:168 Resp: 192486
Ion Ratio Lower Upper
168 100
99 54.1 42.3 63.5



#16
Acetone
Concen: 2.219 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074216.D
Acq: 31 Aug 2022 15:59

Tgt Ion: 43 Resp: 4428
Ion Ratio Lower Upper
43 100
58 25.9 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 54.132 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074216.D

Acq: 31 Aug 2022 15:59

Instrument :

MSVOA_N

ClientSampleId :

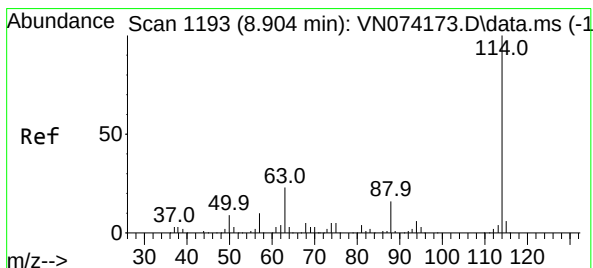
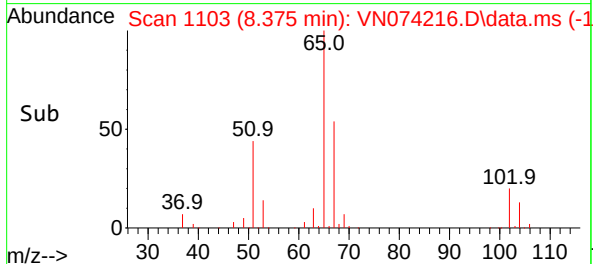
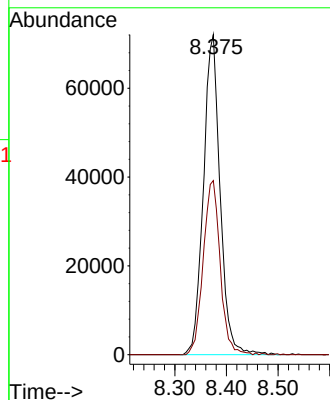
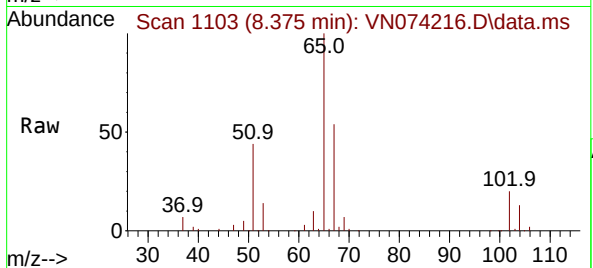
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Tgt Ion: 65 Resp: 161635

Ion Ratio Lower Upper

65 100

67 55.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074216.D

Acq: 31 Aug 2022 15:59

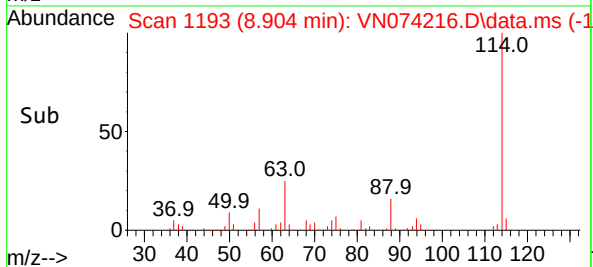
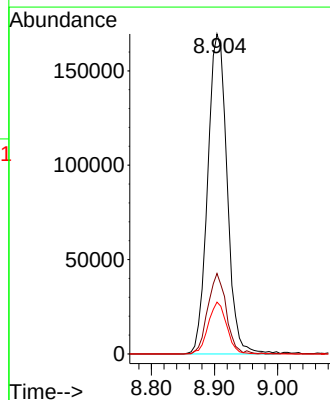
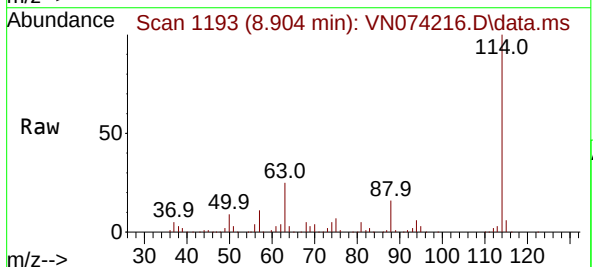
Tgt Ion: 114 Resp: 361543

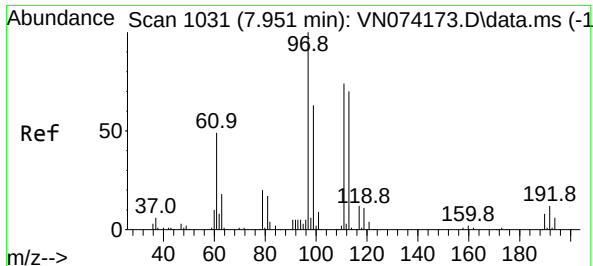
Ion Ratio Lower Upper

114 100

63 25.2 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.544 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074216.D

Acq: 31 Aug 2022 15:59

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

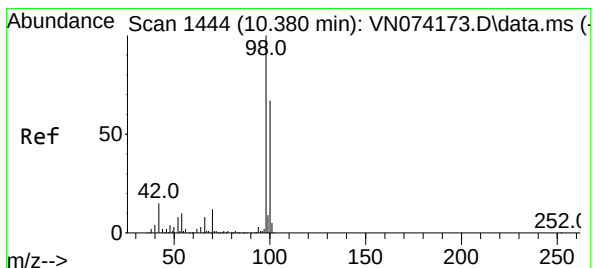
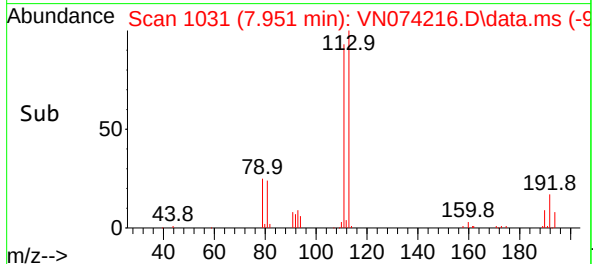
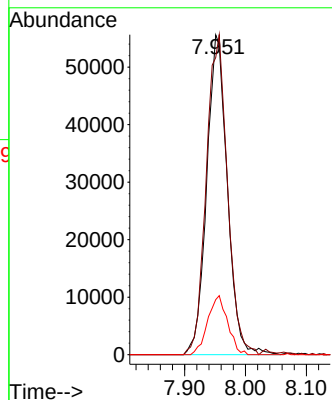
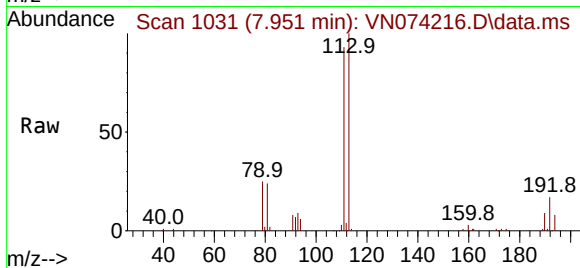
Tgt Ion:113 Resp: 130674

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 17.8 17.0 25.6



#50

Toluene-d8

Concen: 47.002 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN074216.D

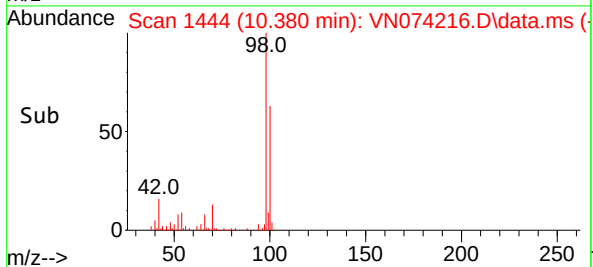
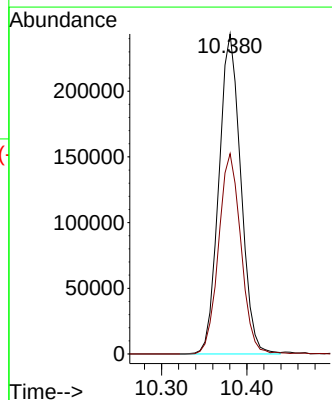
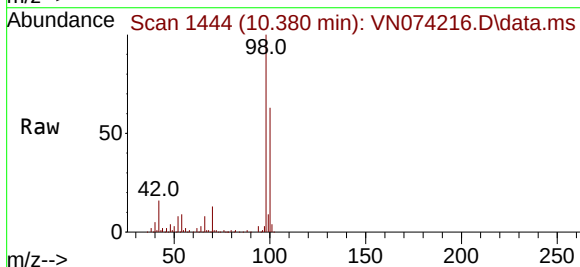
Acq: 31 Aug 2022 15:59

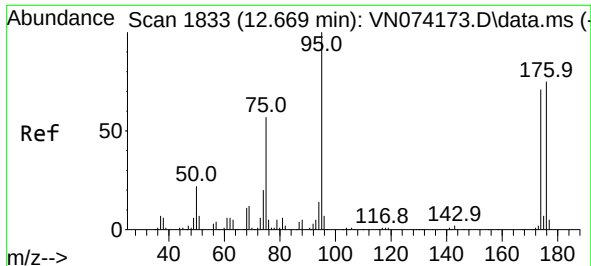
Tgt Ion: 98 Resp: 435472

Ion Ratio Lower Upper

98 100

100 63.7 52.6 78.8

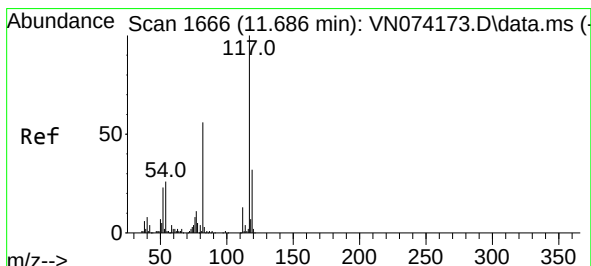
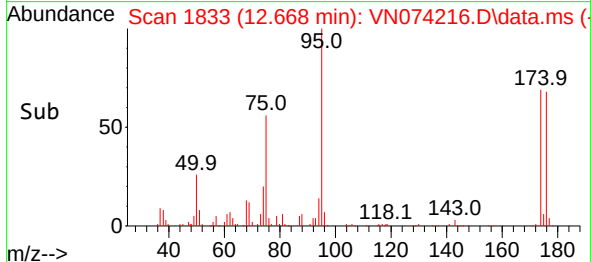
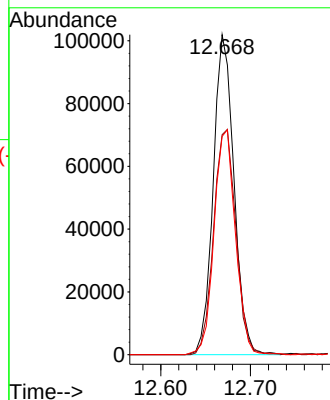
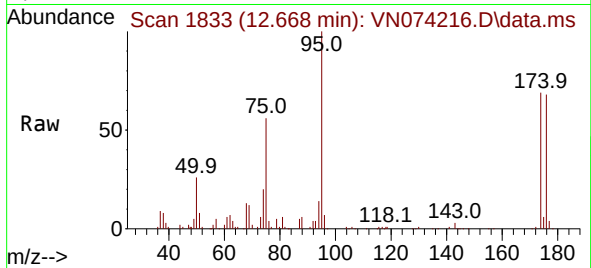




#62
4-Bromofluorobenzene
Concen: 57.981 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074216.D
Acq: 31 Aug 2022 15:59

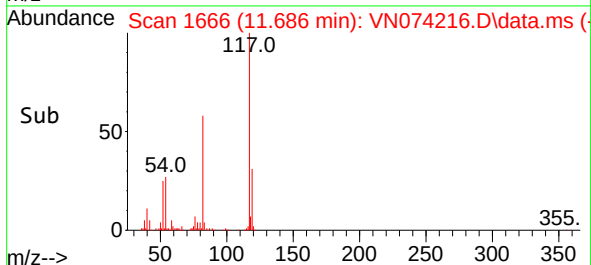
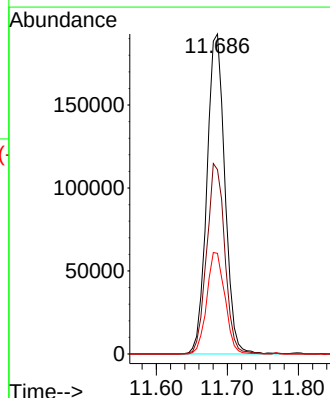
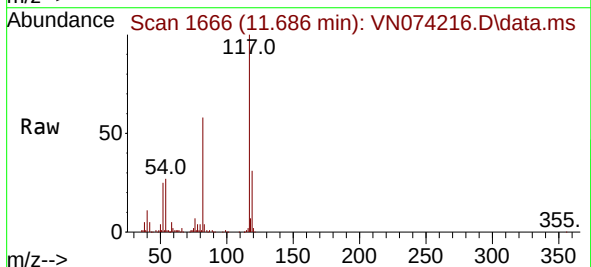
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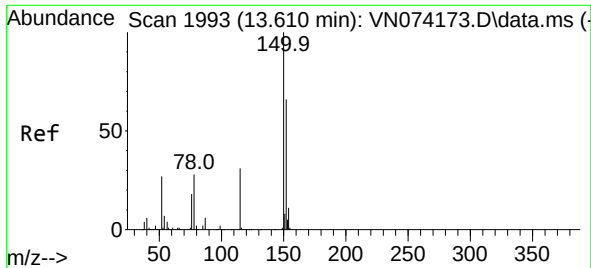
Tgt Ion: 95 Resp: 163362
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 72.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074216.D
Acq: 31 Aug 2022 15:59

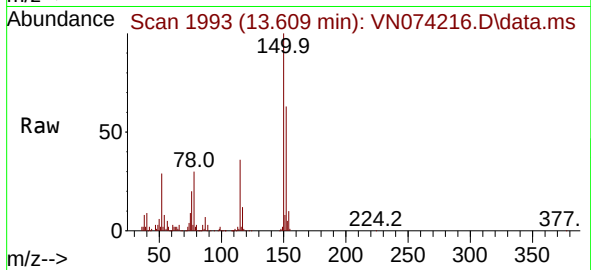
Tgt Ion:117 Resp: 339472
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.609 min Scan# 1993
 Delta R.T. -0.001 min
 Lab File: VN074216.D
 Acq: 31 Aug 2022 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK



Tgt Ion:152 Resp: 152138
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.9 86.7
 150 154.4 0.0 356.2

