

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080590.D
 Acq On : 21 Dec 2023 21:46
 Operator : JC\MD
 Sample : 05926-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-319-0-2

Quant Time: Dec 22 04:10:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

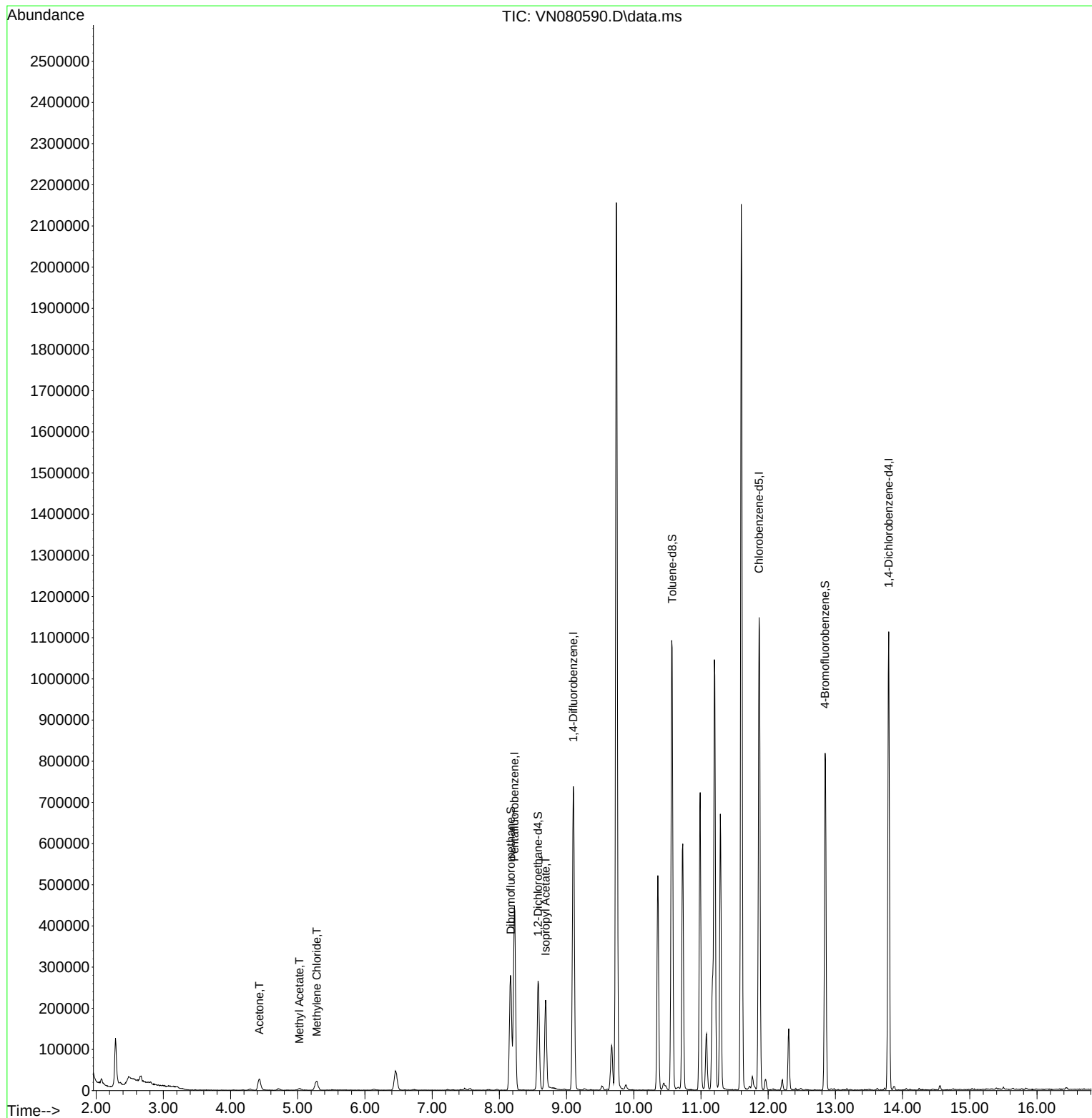
Internal Standards						
1) Pentafluorobenzene	8.224	168	325403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	652148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	688885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	222161	53.454	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.900%
35) Dibromofluoromethane	8.171	113	205819	49.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	10.571	98	775731	50.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.847	95	305520	52.174	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.340%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	51872	70.389	ug/l	99
18) Methyl Acetate	5.024	43	8095	1.707	ug/l	91
20) Methylene Chloride	5.283	84	18542	4.702	ug/l	92
43) Isopropyl Acetate	8.688	43	243820	32.030	ug/l #	87

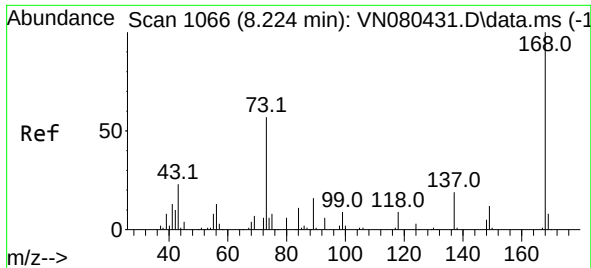
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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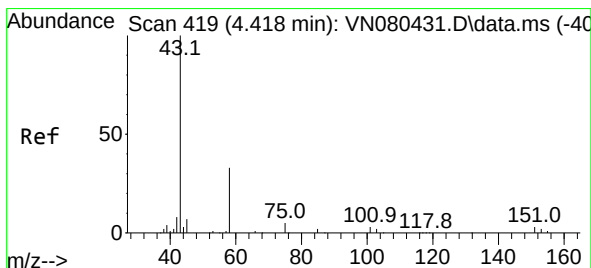
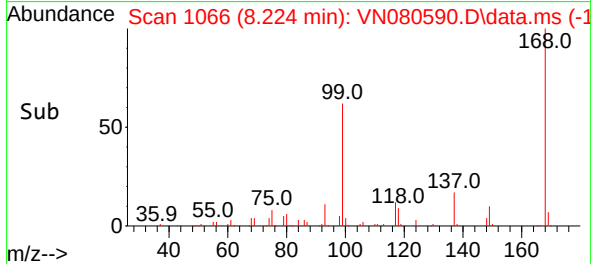
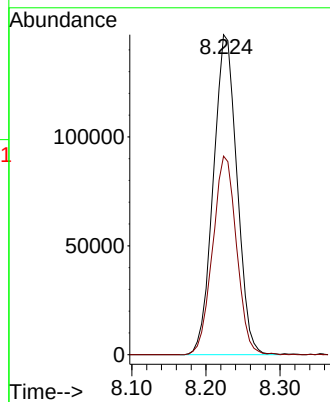
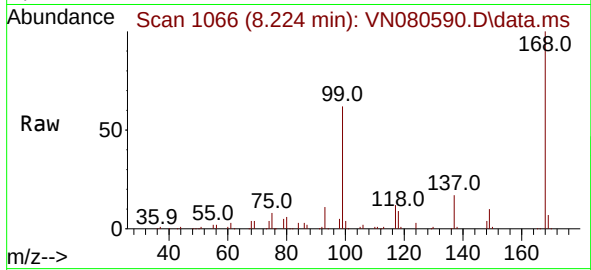




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080590.D
Acq: 21 Dec 2023 21:46

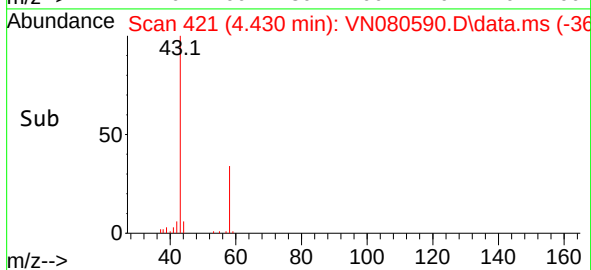
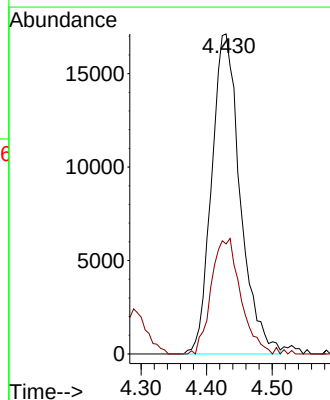
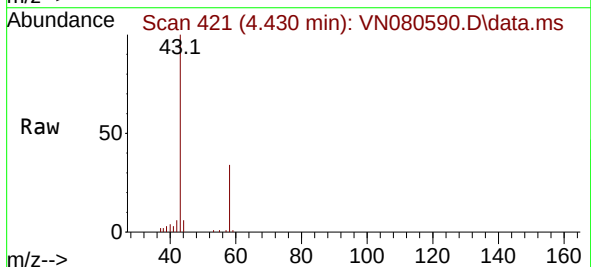
Instrument :
MSVOA_N
ClientSampleId :
MR-319-0-2

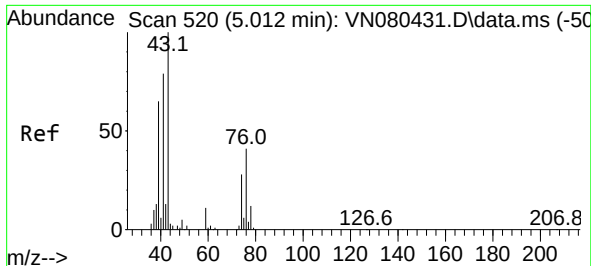
Tgt Ion:168 Resp: 325403
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 70.389 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080590.D
Acq: 21 Dec 2023 21:46

Tgt Ion: 43 Resp: 51872
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0





#18

Methyl Acetate

Concen: 1.707 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN080590.D

Acq: 21 Dec 2023 21:46

Instrument :

MSVOA_N

ClientSampleId :

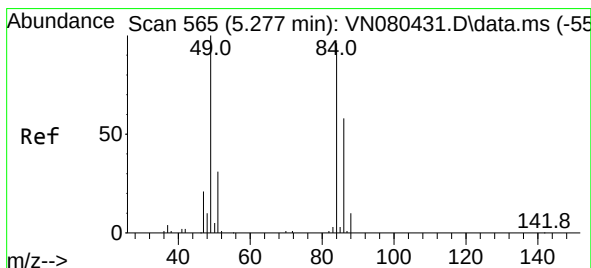
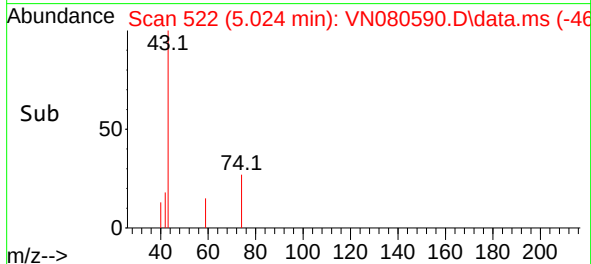
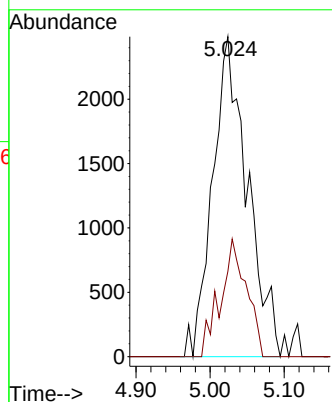
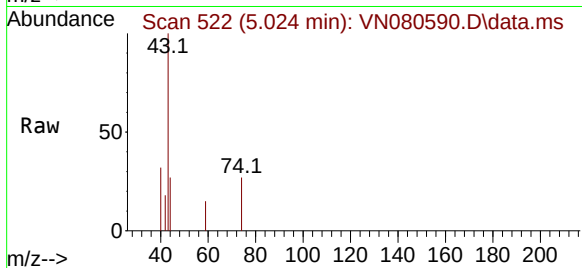
MR-319-0-2

Tgt Ion: 43 Resp: 8095

Ion Ratio Lower Upper

43 100

74 27.6 26.2 39.4



#20

Methylene Chloride

Concen: 4.702 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN080590.D

Acq: 21 Dec 2023 21:46

Tgt Ion: 84 Resp: 18542

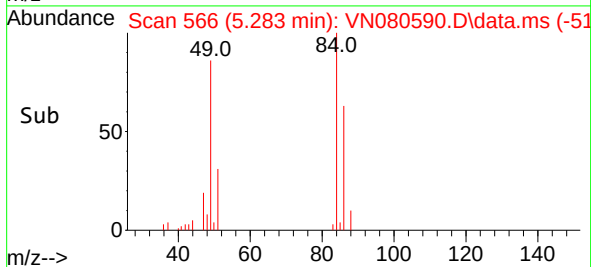
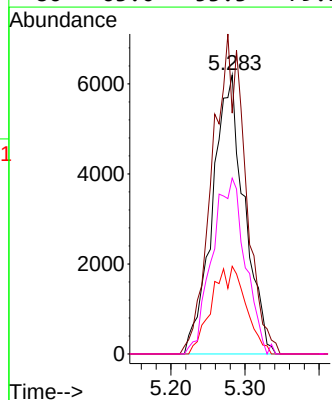
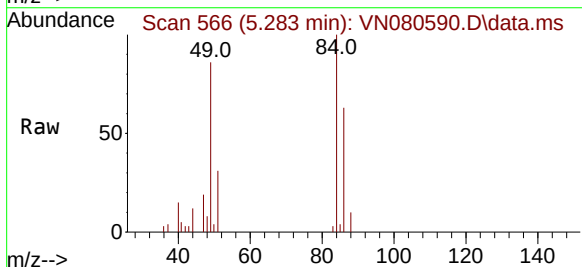
Ion Ratio Lower Upper

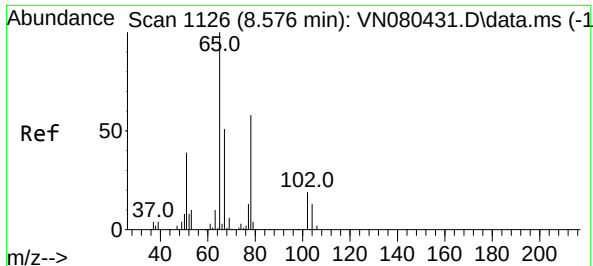
84 100

49 86.3 79.7 119.5

51 31.5 25.2 37.8

86 63.0 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 53.454 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080590.D

Acq: 21 Dec 2023 21:46

Instrument :

MSVOA_N

ClientSampleId :

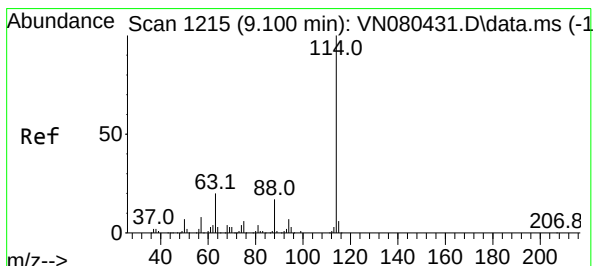
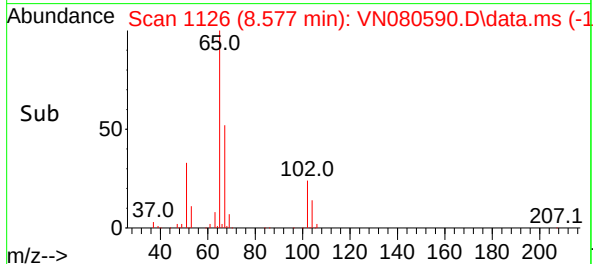
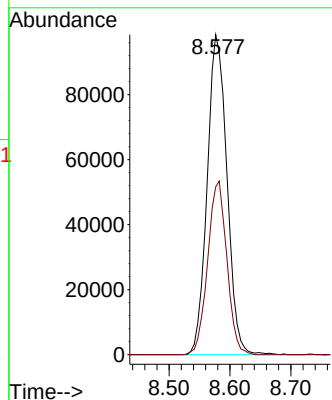
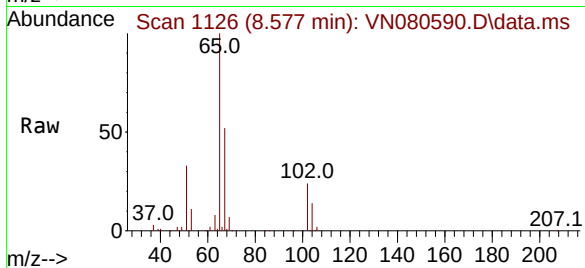
MR-319-0-2

Tgt Ion: 65 Resp: 222161

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080590.D

Acq: 21 Dec 2023 21:46

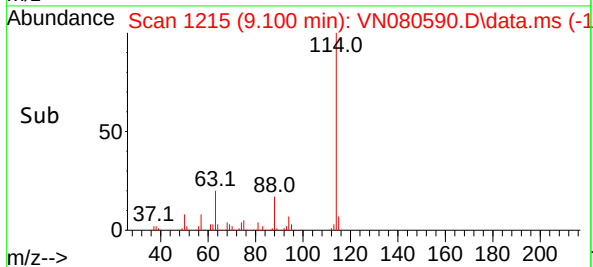
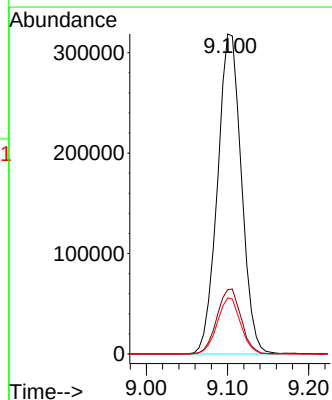
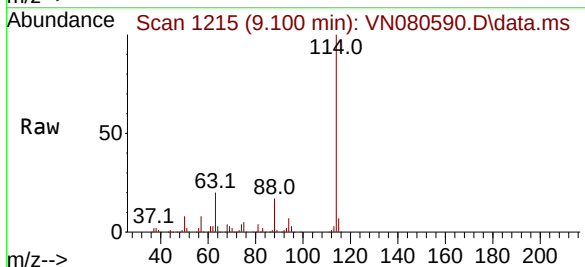
Tgt Ion: 114 Resp: 652148

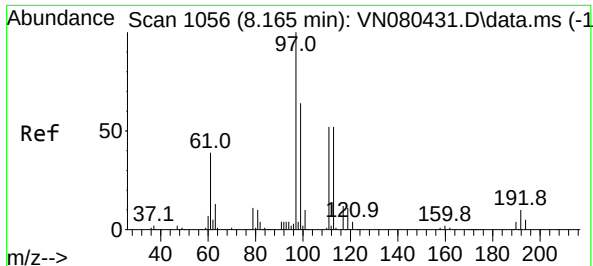
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 17.5 0.0 30.6

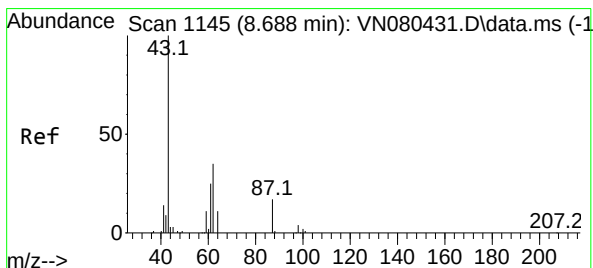
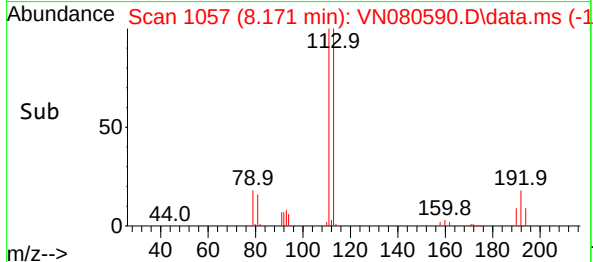
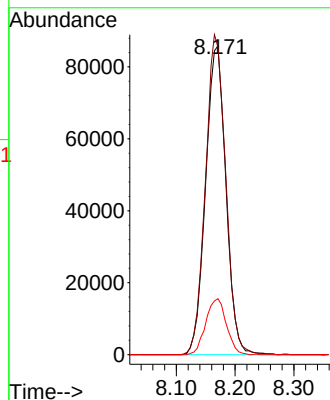
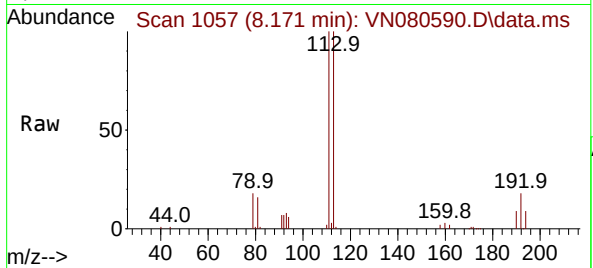




#35
Dibromofluoromethane
Concen: 49.776 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080590.D
Acq: 21 Dec 2023 21:46

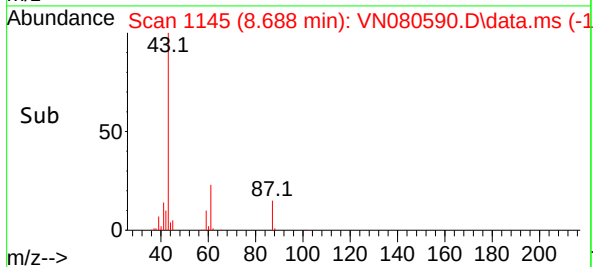
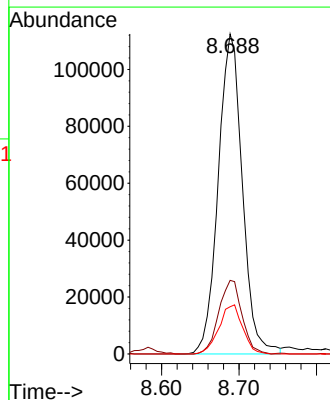
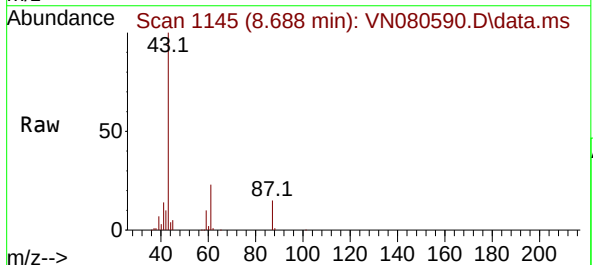
Instrument :
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MR-319-0-2

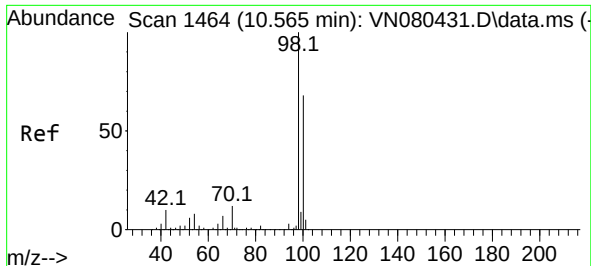
Tgt Ion:113 Resp: 205819
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.4 12.7 19.1



#43
Isopropyl Acetate
Concen: 32.030 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080590.D
Acq: 21 Dec 2023 21:46

Tgt Ion: 43 Resp: 243820
Ion Ratio Lower Upper
43 100
61 22.1 24.7 37.1#
87 15.0 14.6 21.8

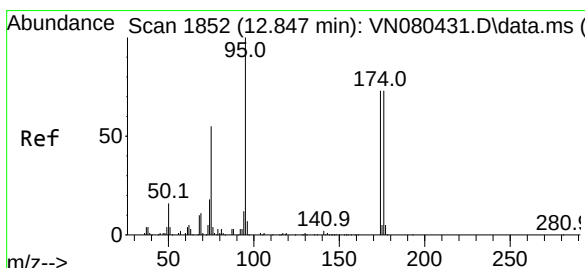
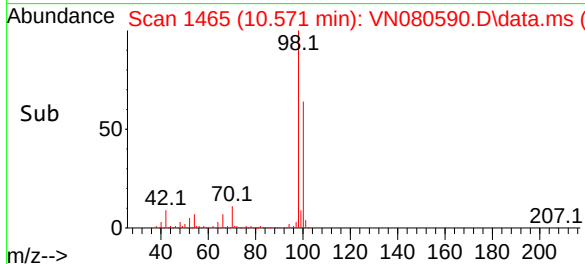
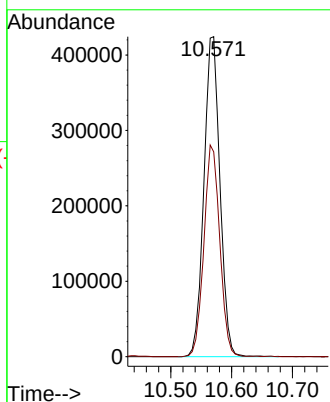
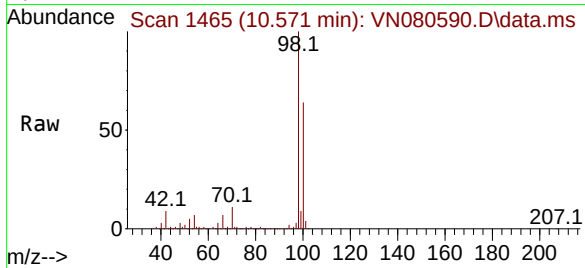




#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080590.D
Acq: 21 Dec 2023 21:46

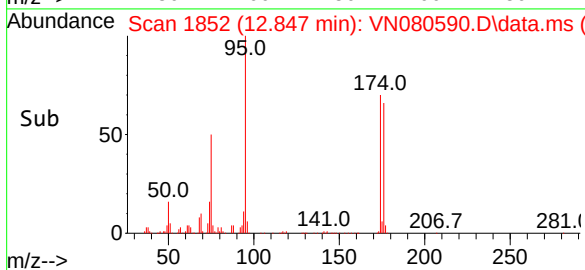
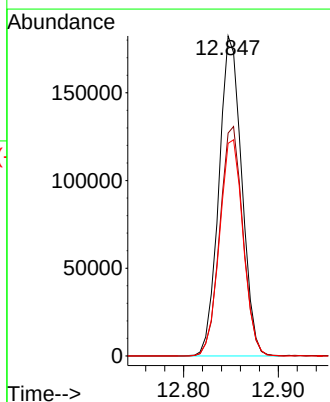
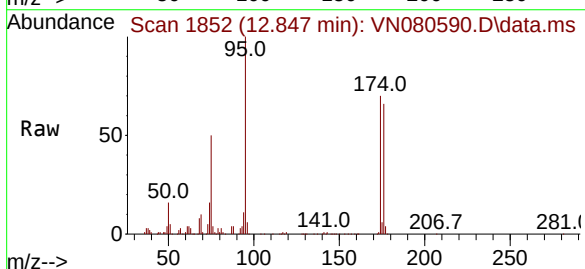
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MR-319-0-2

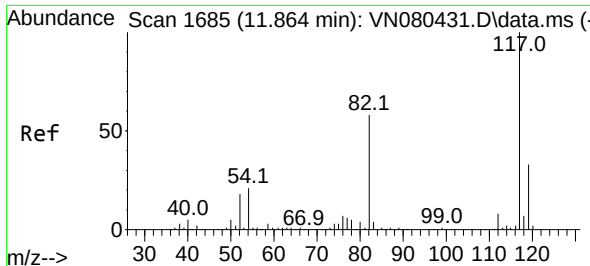
Tgt Ion: 98 Resp: 775731
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.174 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080590.D
Acq: 21 Dec 2023 21:46

Tgt Ion: 95 Resp: 305520
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 70.0 0.0 135.8

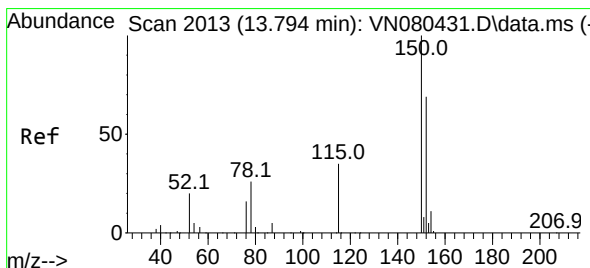
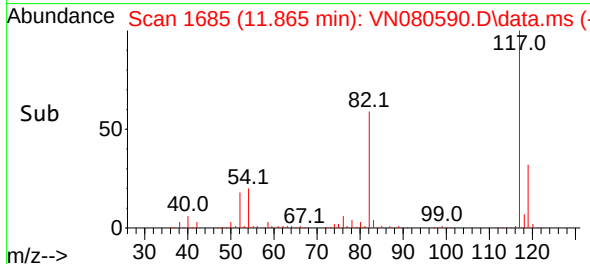
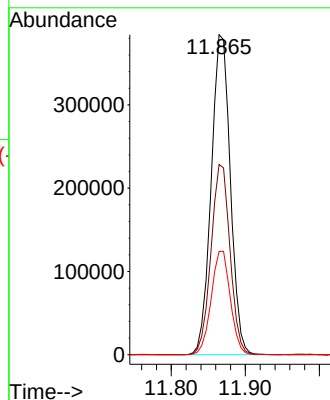
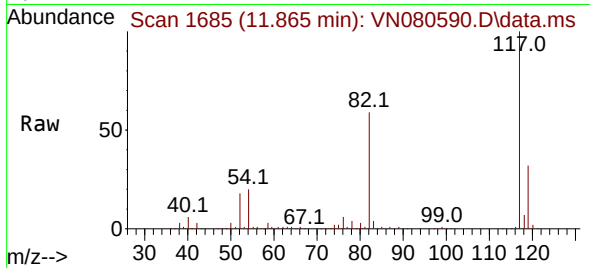




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080590.D
Acq: 21 Dec 2023 21:46

Instrument :
MSVOA_N
ClientSampleId :
MR-319-0-2

Tgt Ion:117 Resp: 688885
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080590.D
Acq: 21 Dec 2023 21:46

Tgt Ion:152 Resp: 302033
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 156.5 0.0 355.8

