

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080491.D
 Acq On : 14 Dec 2023 18:37
 Operator : JC\MD
 Sample : 05803-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 600572408-

Quant Time: Dec 15 00:32:23 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)

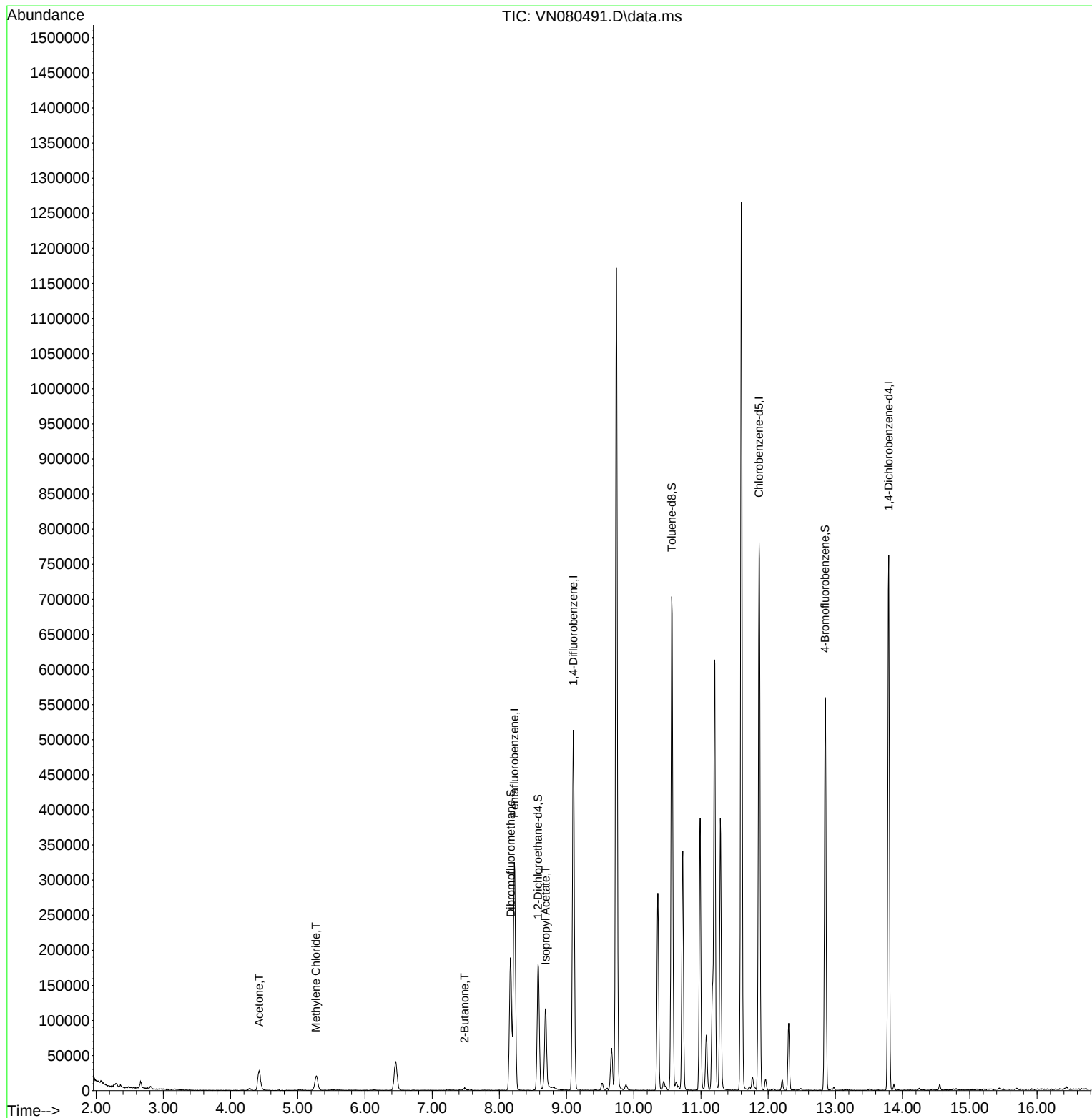
Internal Standards						
1) Pentafluorobenzene	8.224	168	233087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	434545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	448956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162411	54.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.100%
35) Dibromofluoromethane	8.171	113	133462	48.440	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	10.565	98	491017	47.786	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.847	95	199815	51.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.420%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	52906	100.226	ug/l	98
20) Methylene Chloride	5.271	84	18553	6.568	ug/l	96
25) 2-Butanone	7.483	43	5708	5.613	ug/l	88
43) Isopropyl Acetate	8.688	43	133250	26.271	ug/l #	85

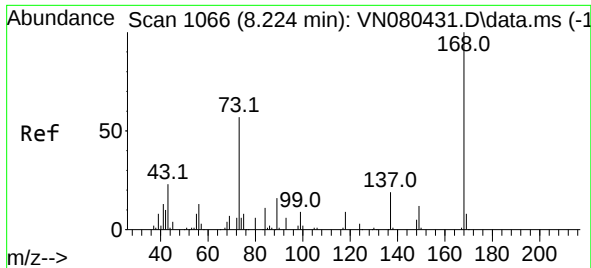
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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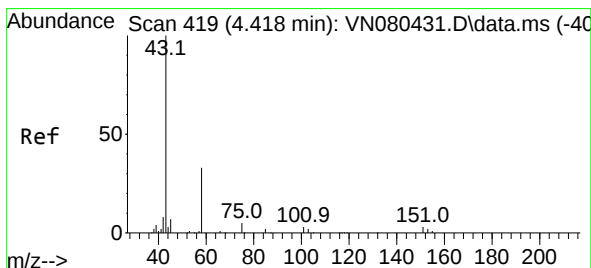
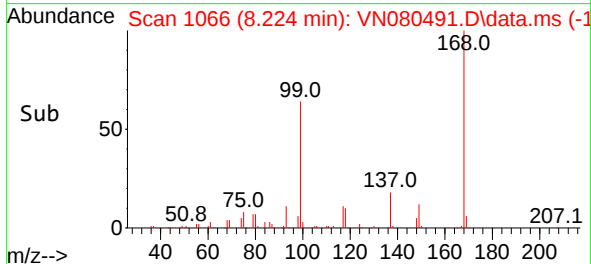
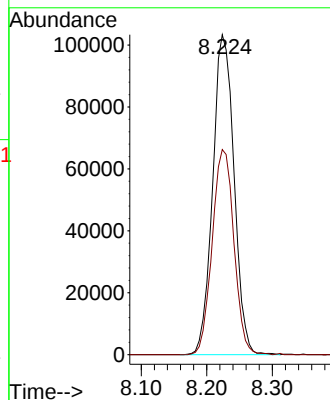
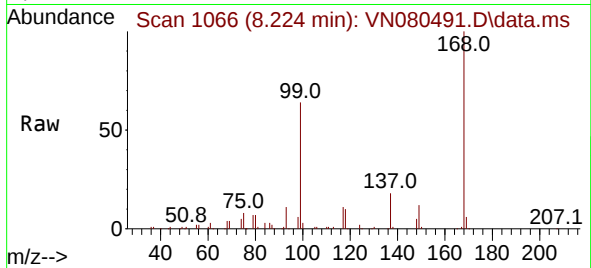




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080491.D
Acq: 14 Dec 2023 18:37

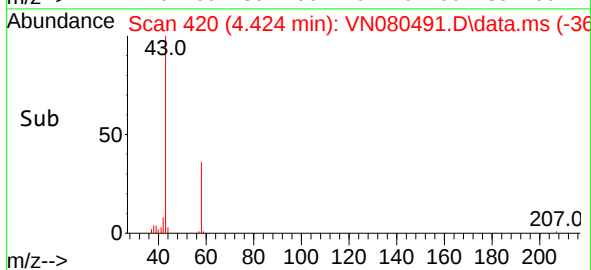
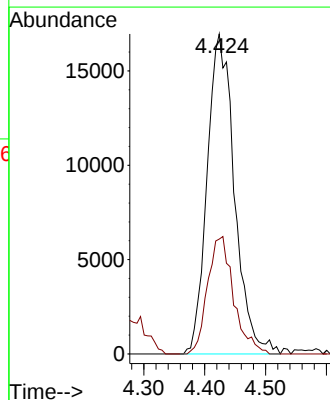
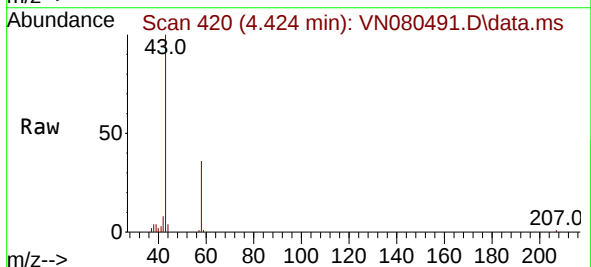
Instrument :
MSVOA_N
ClientSampleId :
600572408-

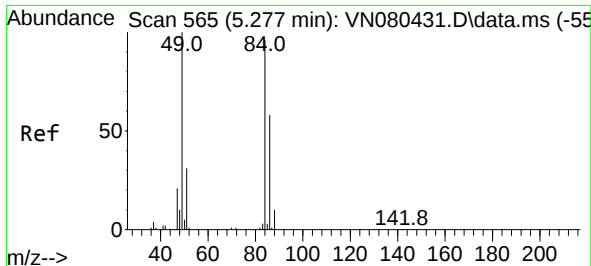
Tgt Ion:168 Resp: 233087
Ion Ratio Lower Upper
168 100
99 64.1 53.0 79.6



#16
Acetone
Concen: 100.226 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080491.D
Acq: 14 Dec 2023 18:37

Tgt Ion: 43 Resp: 52906
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0

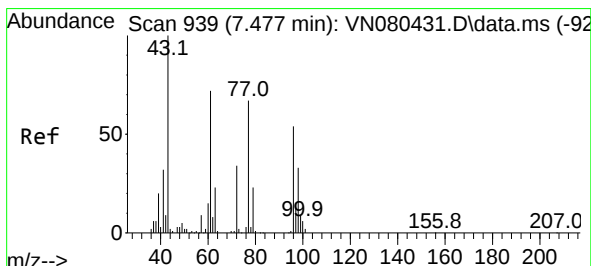
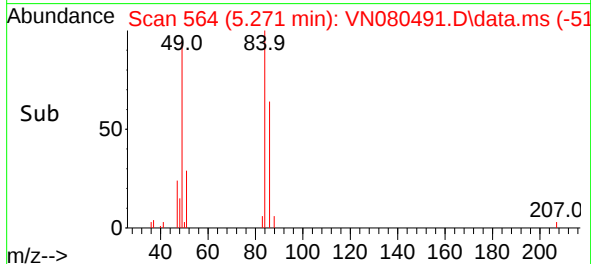
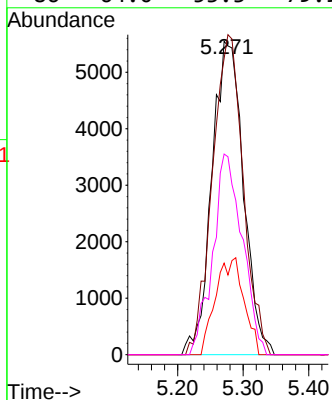
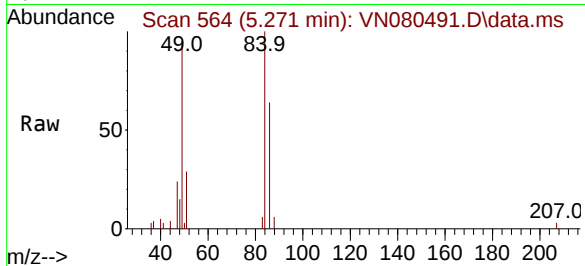




#20
Methylene Chloride
Concen: 6.568 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080491.D
Acq: 14 Dec 2023 18:37

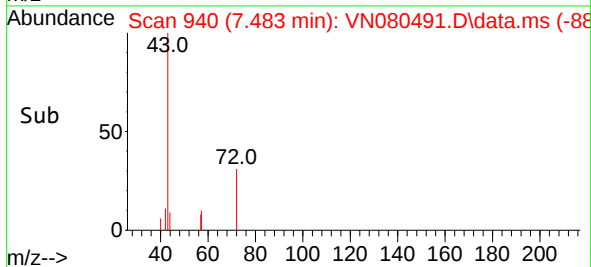
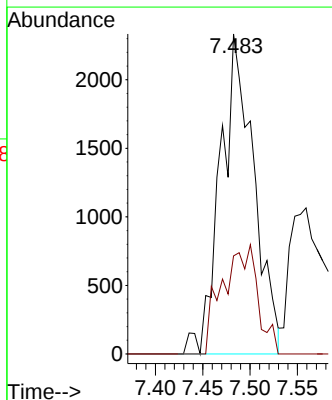
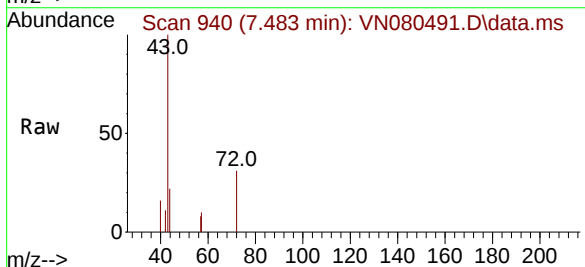
Instrument :
MSVOA_N
ClientSampleId :
600572408-

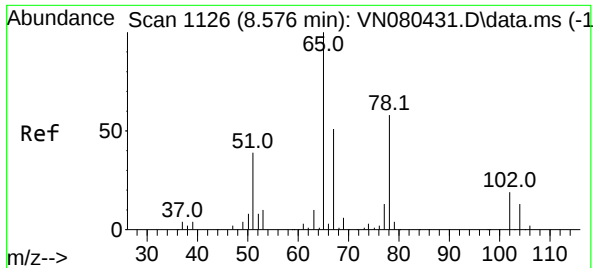
Tgt Ion:	84	Resp:	18553
Ion	Ratio	Lower	Upper
84	100		
49	94.6	79.7	119.5
51	29.2	25.2	37.8
86	64.0	53.3	79.9



#25
2-Butanone
Concen: 5.613 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080491.D
Acq: 14 Dec 2023 18:37

Tgt Ion:	43	Resp:	5708
Ion	Ratio	Lower	Upper
43	100		
72	30.7	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 54.554 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080491.D

Acq: 14 Dec 2023 18:37

Instrument :

MSVOA_N

ClientSampleId :

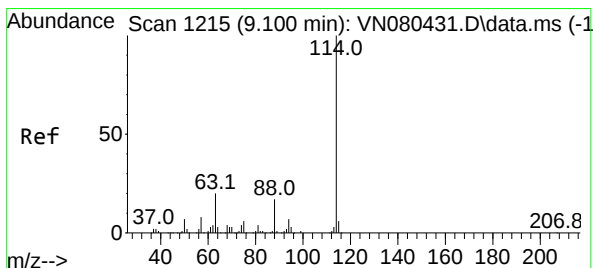
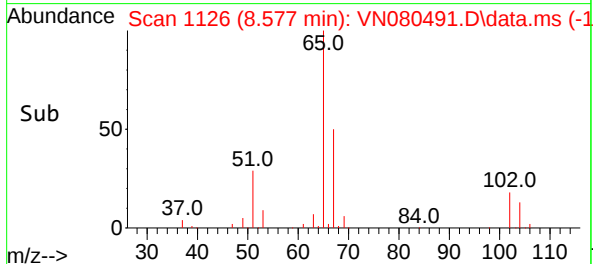
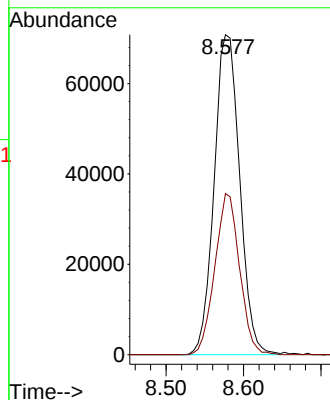
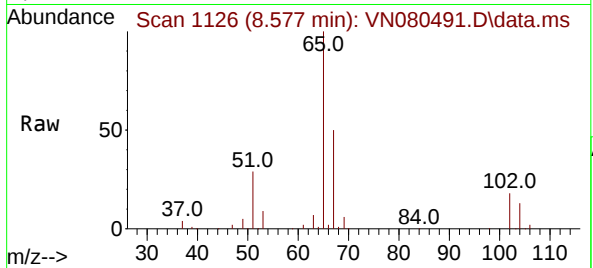
600572408-

Tgt Ion: 65 Resp: 162411

Ion Ratio Lower Upper

65 100

67 48.7 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: VN080491.D

Acq: 14 Dec 2023 18:37

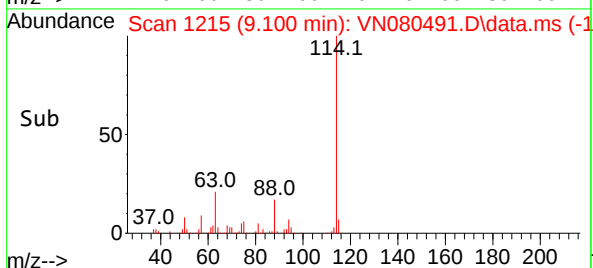
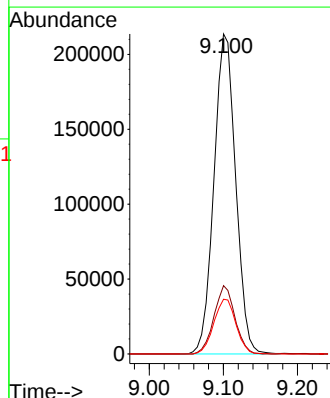
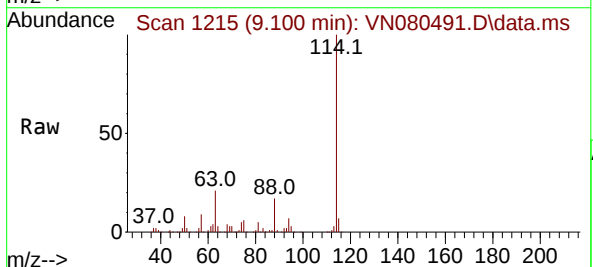
Tgt Ion: 114 Resp: 434545

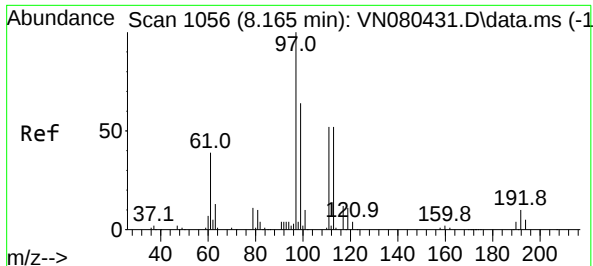
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.440 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN080491.D

Acq: 14 Dec 2023 18:37

Instrument :

MSVOA_N

ClientSampleId :

600572408-

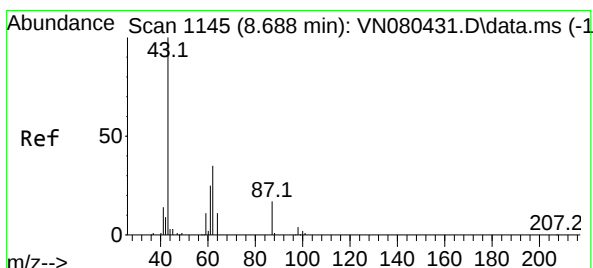
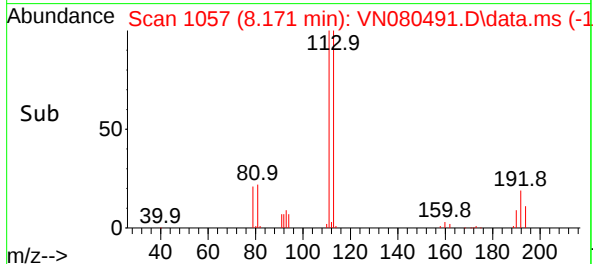
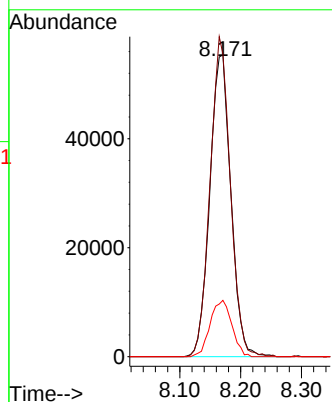
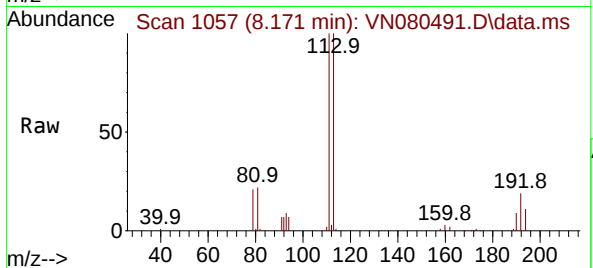
Tgt Ion:113 Resp: 133462

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 19.2 12.7 19.1#



#43

Isopropyl Acetate

Concen: 26.271 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080491.D

Acq: 14 Dec 2023 18:37

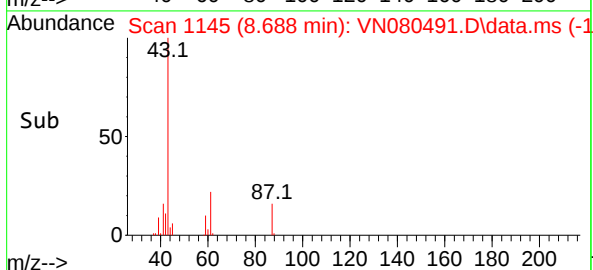
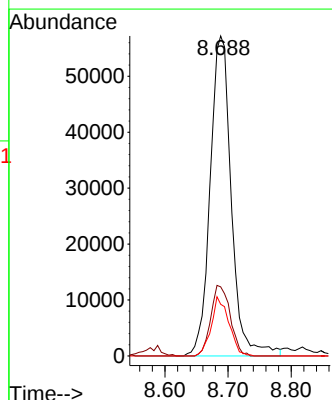
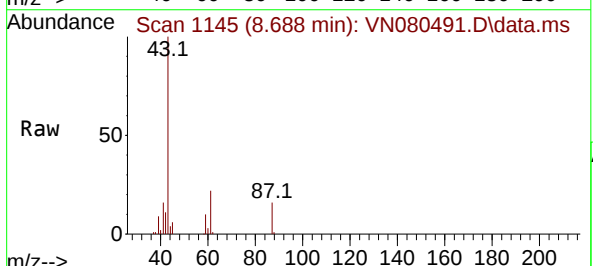
Tgt Ion: 43 Resp: 133250

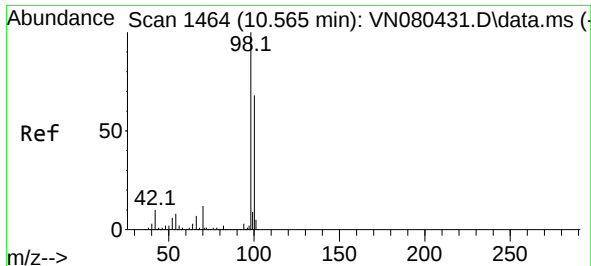
Ion Ratio Lower Upper

43 100

61 20.2 24.7 37.1#

87 15.4 14.6 21.8

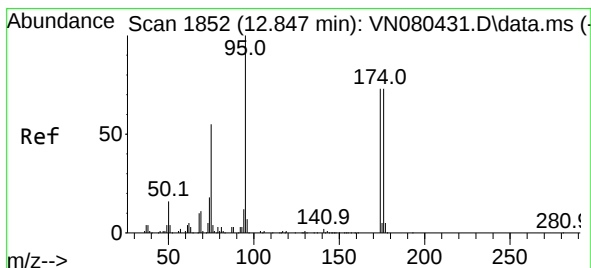
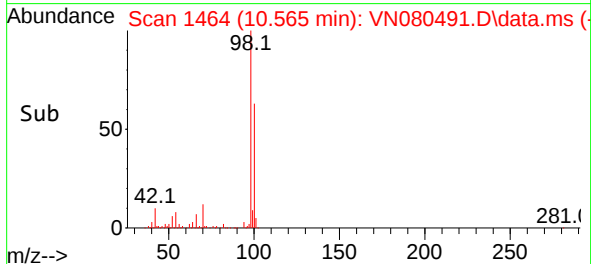
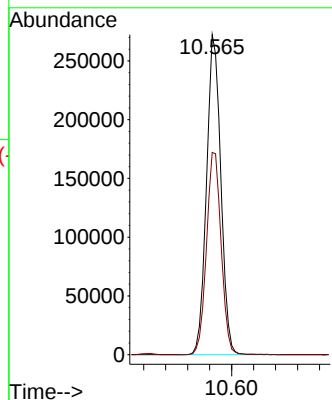
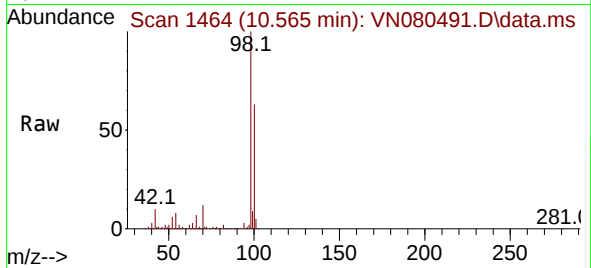




#50
Toluene-d8
Concen: 47.786 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080491.D
Acq: 14 Dec 2023 18:37

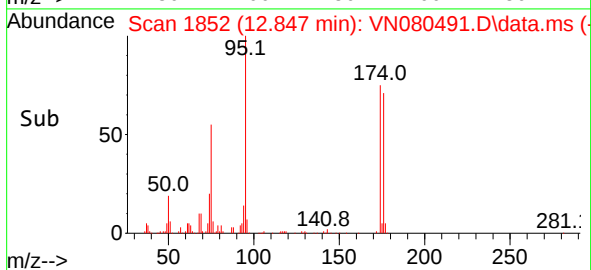
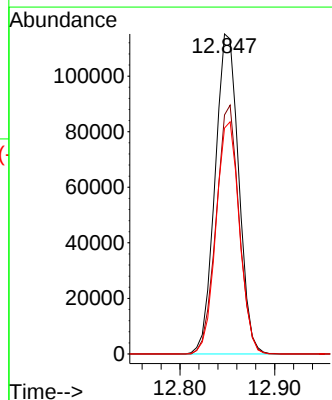
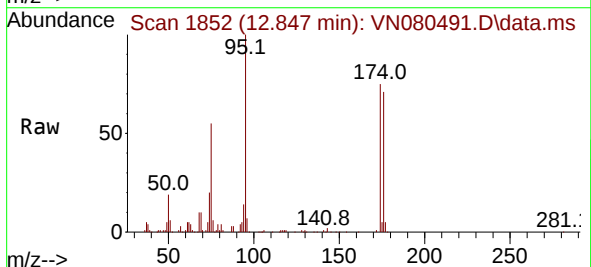
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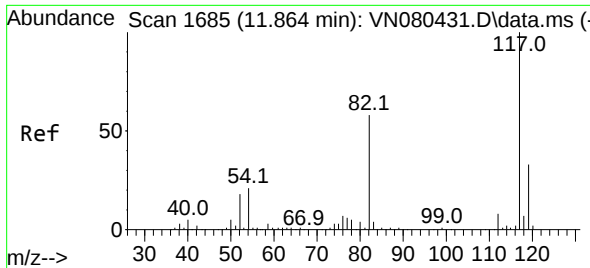
Tgt Ion: 98 Resp: 491017
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.210 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080491.D
Acq: 14 Dec 2023 18:37

Tgt Ion: 95 Resp: 199815
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 71.8 0.0 135.8

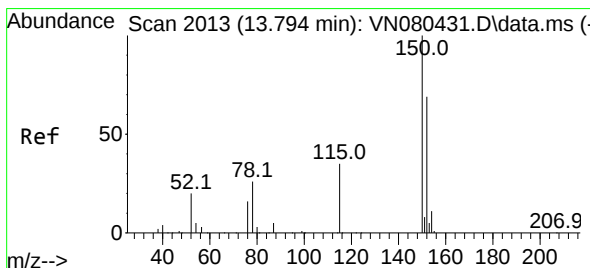
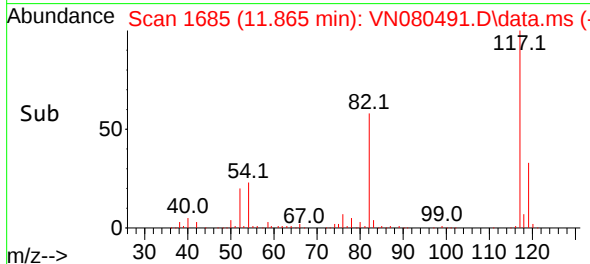
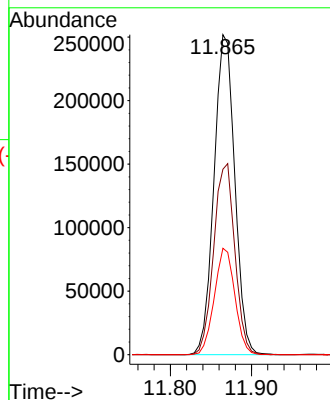
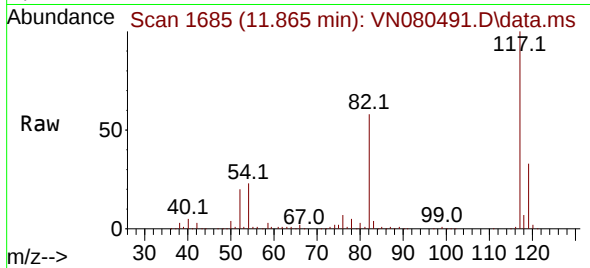




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080491.D
Acq: 14 Dec 2023 18:37

Instrument :
MSVOA_N
ClientSampleId :
600572408-

Tgt Ion:117 Resp: 448956
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 33.3 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: VN080491.D
Acq: 14 Dec 2023 18:37

Tgt Ion:152 Resp: 206787
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 152.7 0.0 355.8

