

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081797.D
 Acq On : 18 Apr 2024 19:06
 Operator : JC\MD
 Sample : P2121-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4828

Quant Time: Apr 19 02:11:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

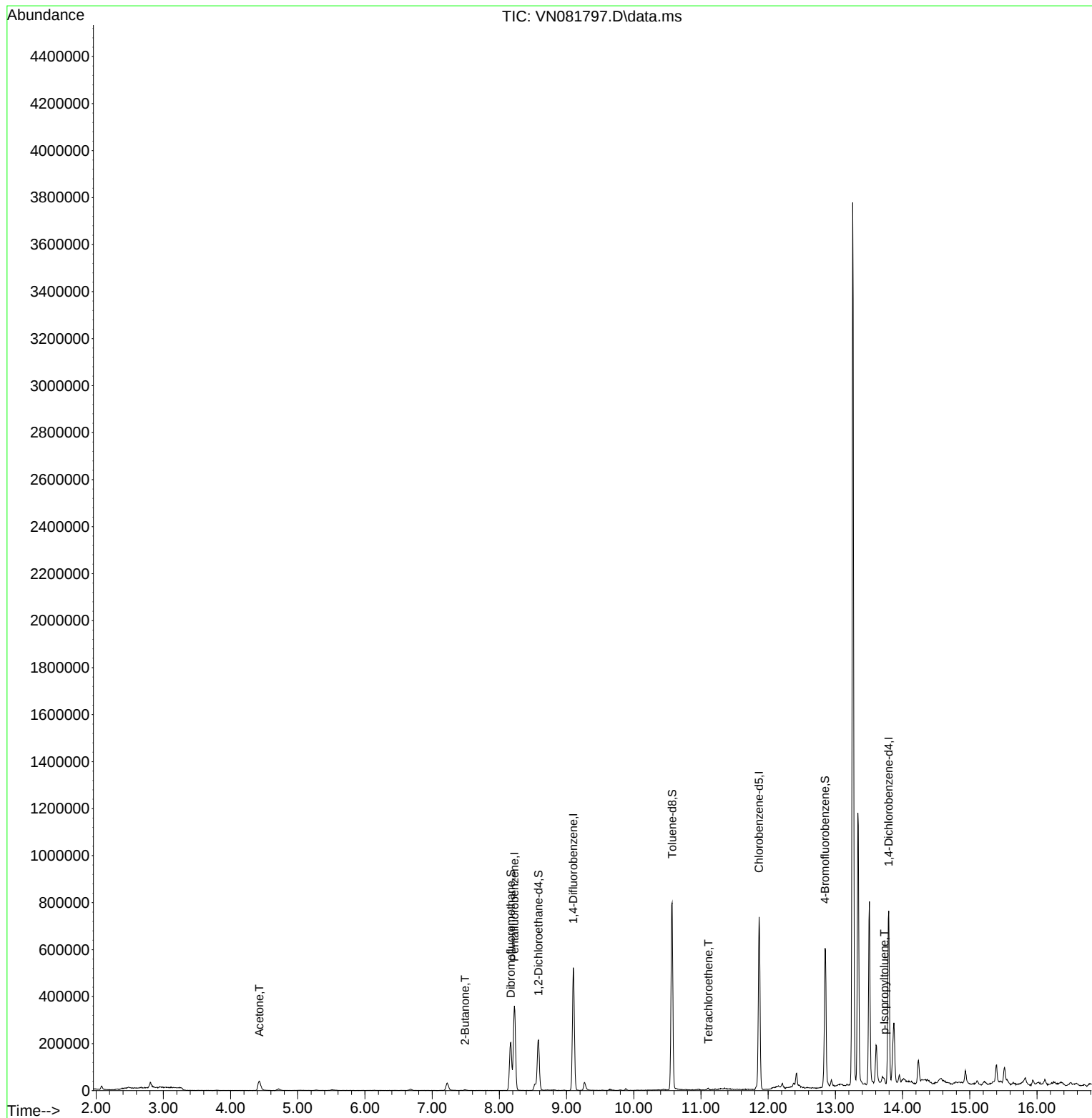
Internal Standards						
1) Pentafluorobenzene	8.224	168	255670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	455227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	421410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184530	51.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.580%
35) Dibromofluoromethane	8.171	113	147348	49.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	10.571	98	564835	51.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.847	95	202528	53.517	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.040%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	76926	76.824	ug/l	99
25) 2-Butanone	7.488	43	4856	2.942	ug/l #	83
64) Tetrachloroethene	11.112	164	1460	0.408	ug/l #	76
86) p-Isopropyltoluene	13.729	119	13443	1.116	ug/l	96

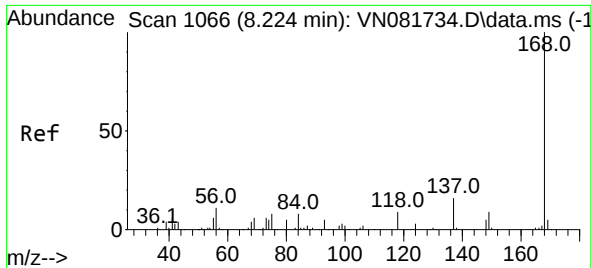
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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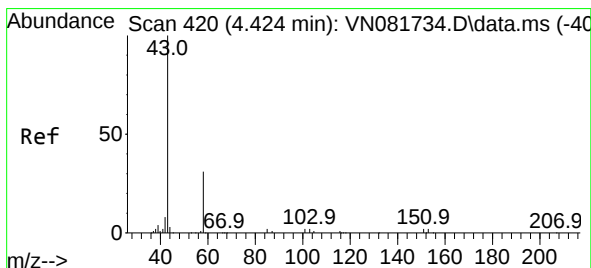
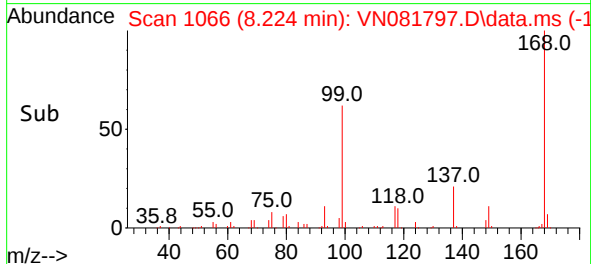
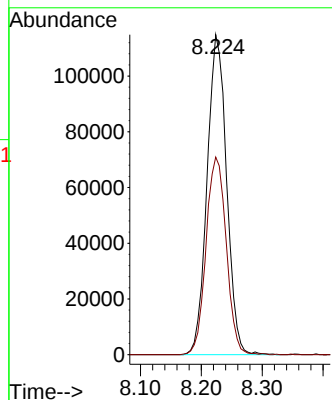
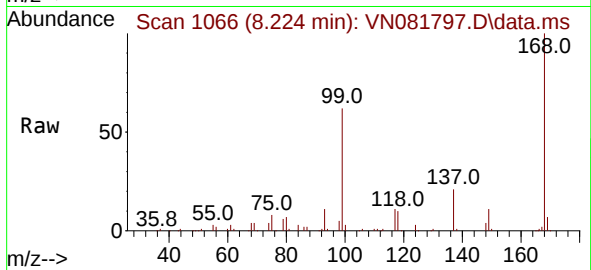




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081797.D
Acq: 18 Apr 2024 19:06

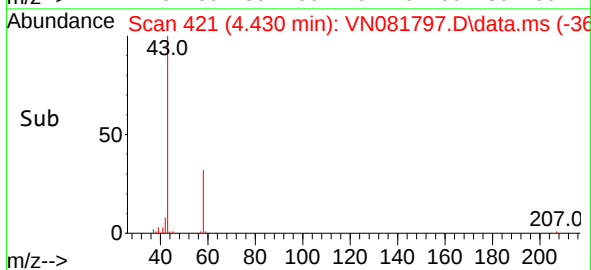
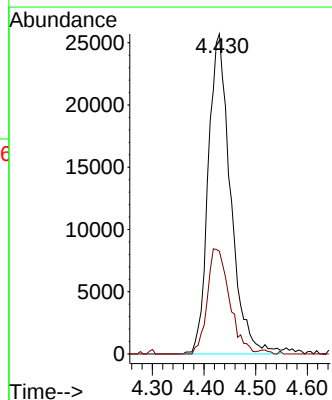
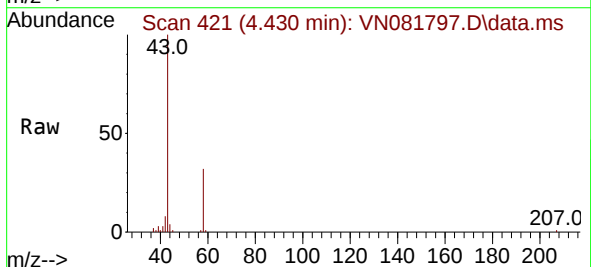
Instrument :
MSVOA_N
ClientSampleId :
4828

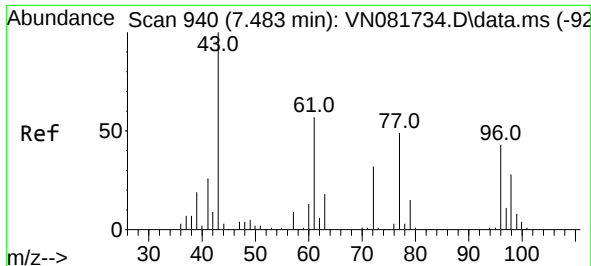
Tgt Ion:168 Resp: 255670
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 76.824 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081797.D
Acq: 18 Apr 2024 19:06

Tgt Ion: 43 Resp: 76926
Ion Ratio Lower Upper
43 100
58 32.1 25.2 37.8

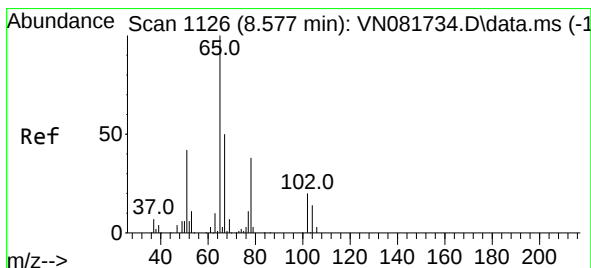
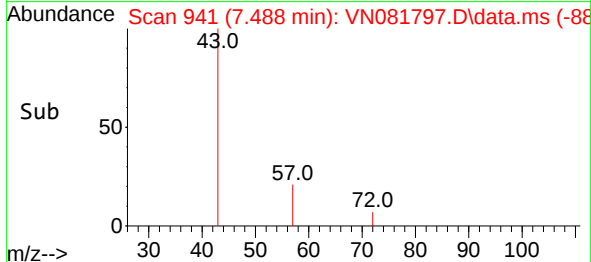
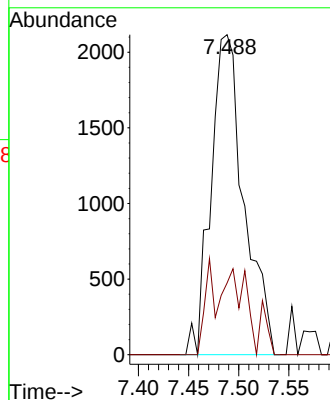
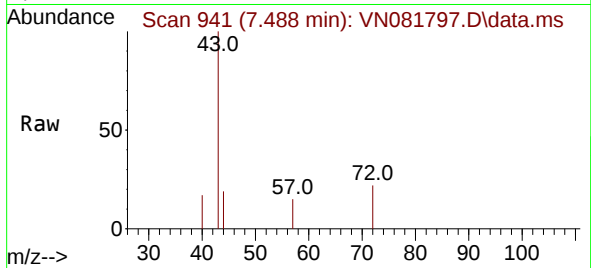




#25
2-Butanone
Concen: 2.942 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN081797.D
Acq: 18 Apr 2024 19:06

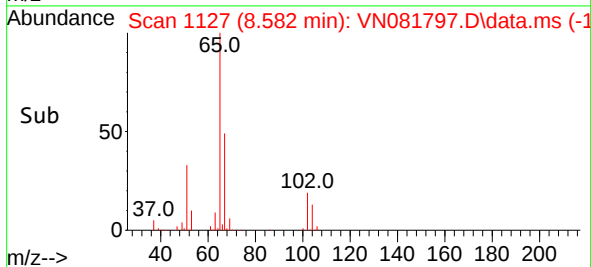
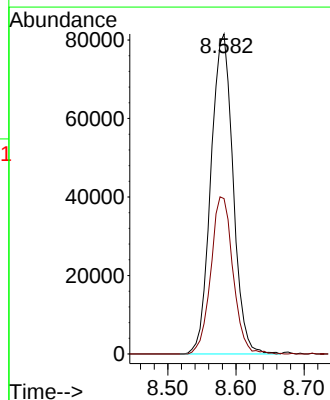
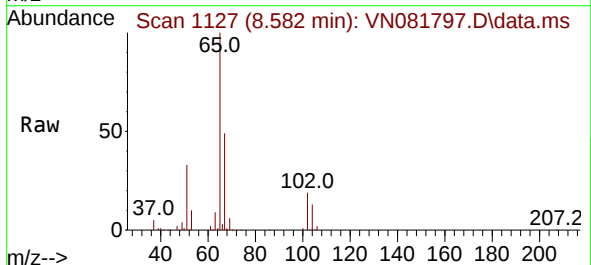
Instrument :
MSVOA_N
ClientSampleId :
4828

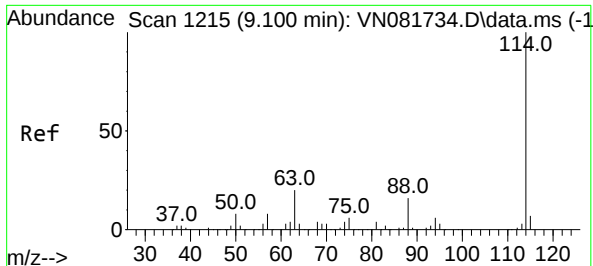
Tgt Ion: 43 Resp: 4856
Ion Ratio Lower Upper
43 100
72 22.4 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 51.291 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN081797.D
Acq: 18 Apr 2024 19:06

Tgt Ion: 65 Resp: 184530
Ion Ratio Lower Upper
65 100
67 49.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081797.D

Acq: 18 Apr 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

4828

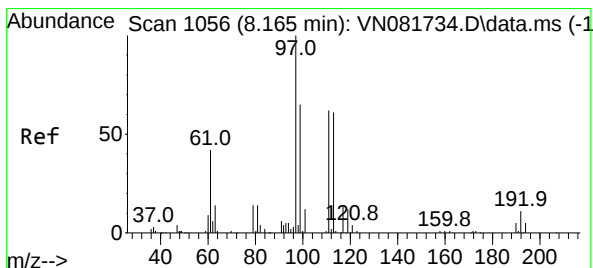
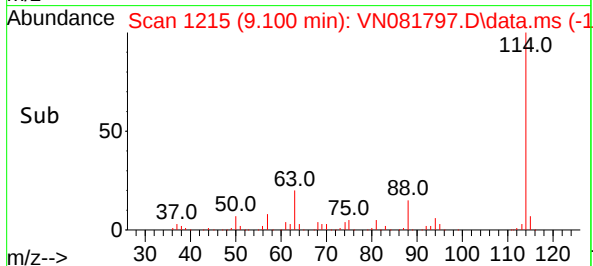
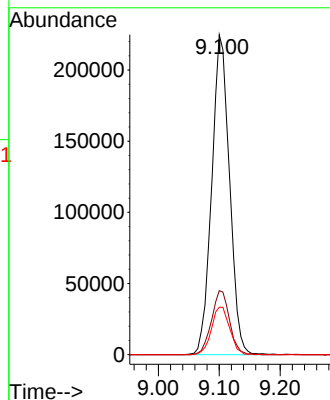
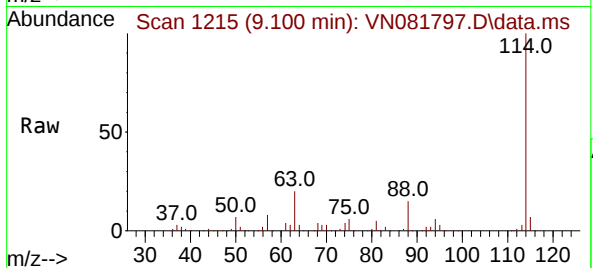
Tgt Ion:114 Resp: 455227

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 14.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.017 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081797.D

Acq: 18 Apr 2024 19:06

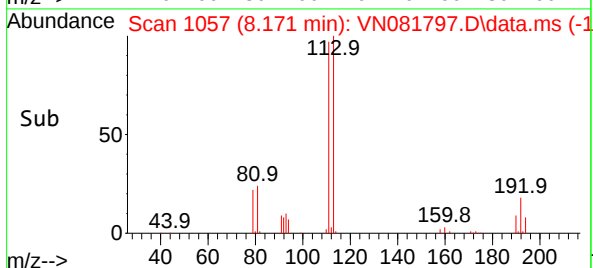
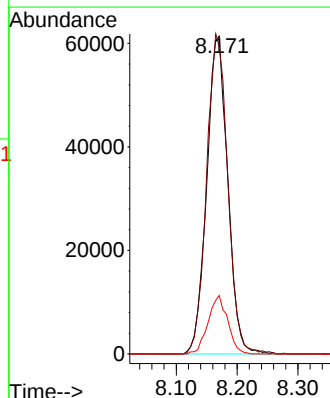
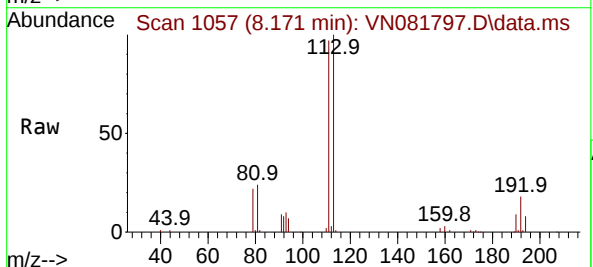
Tgt Ion:113 Resp: 147348

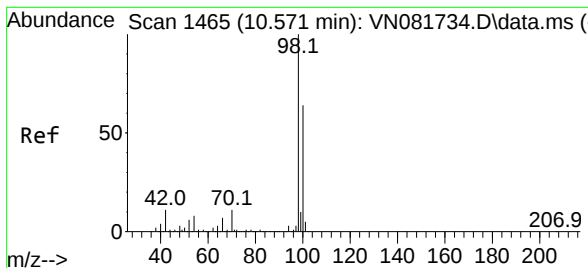
Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.2

192 17.1 14.0 21.0

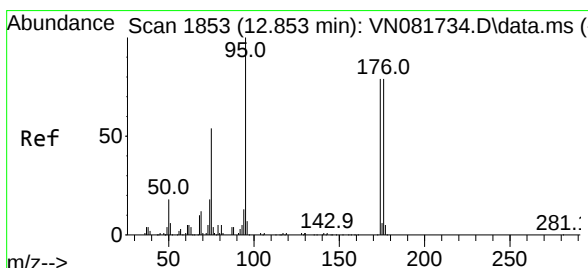
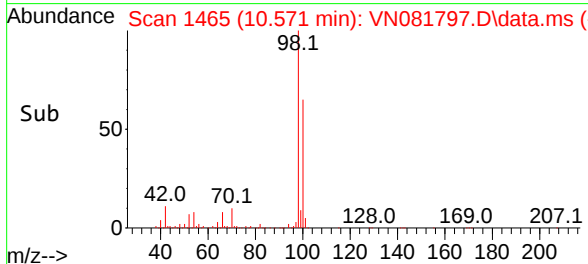
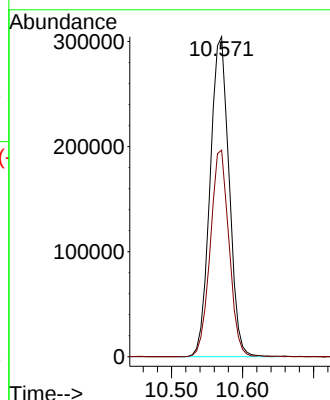
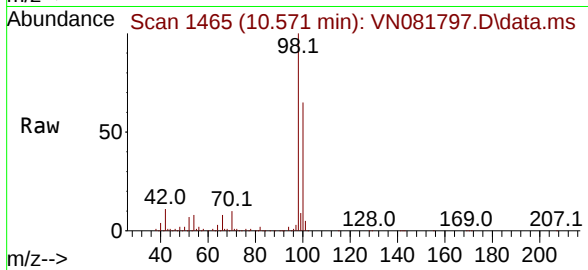




#50
Toluene-d8
Concen: 51.004 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081797.D
Acq: 18 Apr 2024 19:06

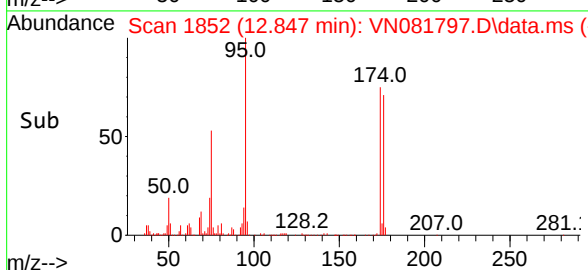
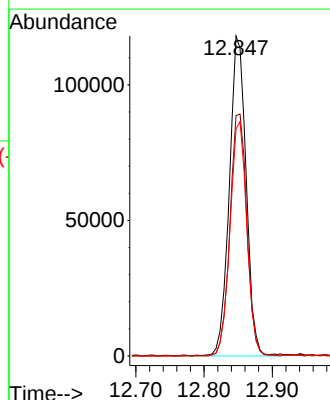
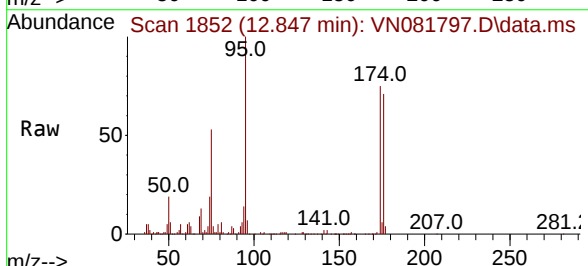
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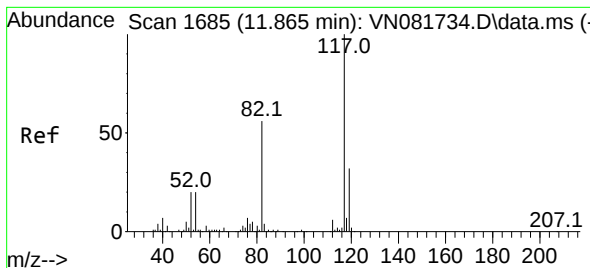
Tgt Ion: 98 Resp: 564835
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.517 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081797.D
Acq: 18 Apr 2024 19:06

Tgt Ion: 95 Resp: 202528
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 73.0 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081797.D

Acq: 18 Apr 2024 19:06

Instrument :

MSVOA_N

ClientSampleId :

4828

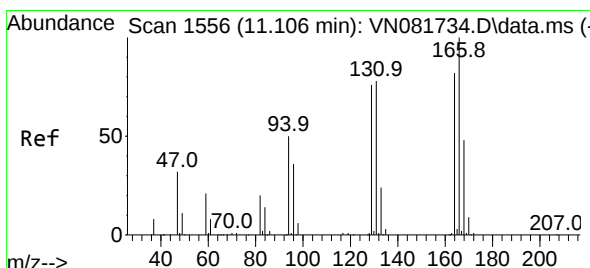
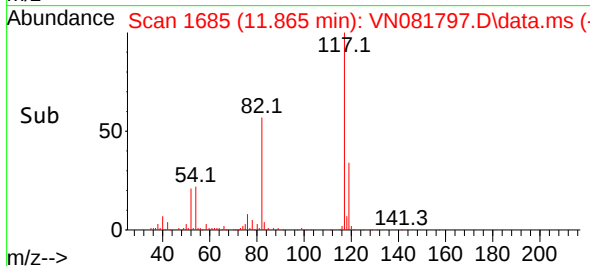
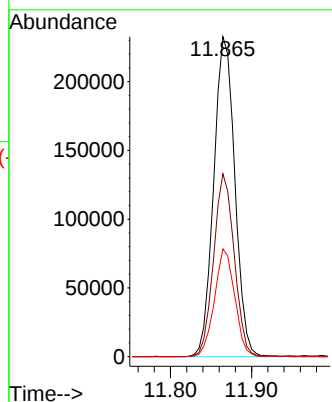
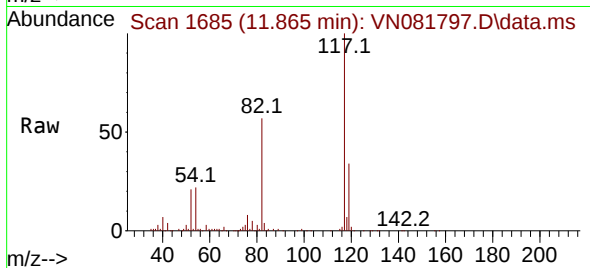
Tgt Ion:117 Resp: 421410

Ion Ratio Lower Upper

117 100

82 57.2 44.6 66.8

119 33.7 25.9 38.9



#64

Tetrachloroethene

Concen: 0.408 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN081797.D

Acq: 18 Apr 2024 19:06

Tgt Ion:164 Resp: 1460

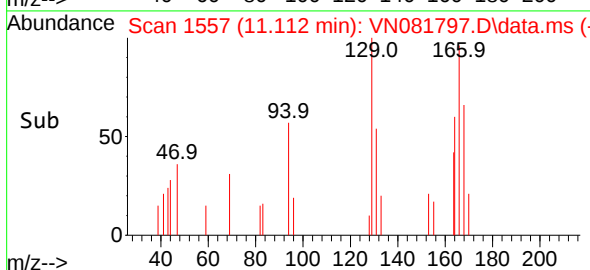
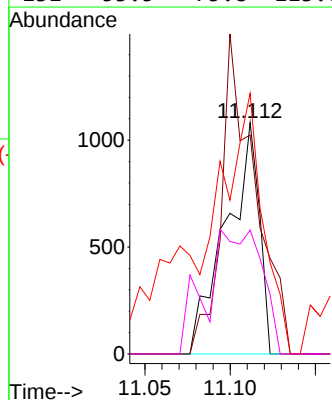
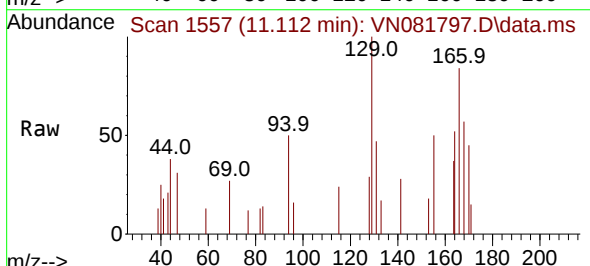
Ion Ratio Lower Upper

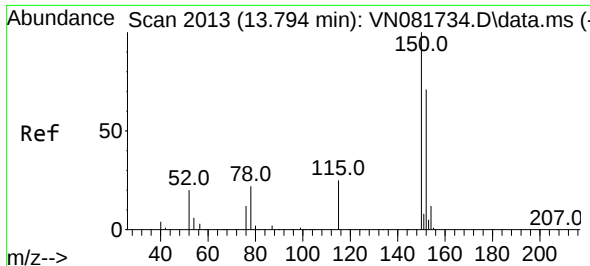
164 100

166 94.6 97.6 146.4#

129 87.0 73.7 110.5

131 53.5 75.8 113.6#

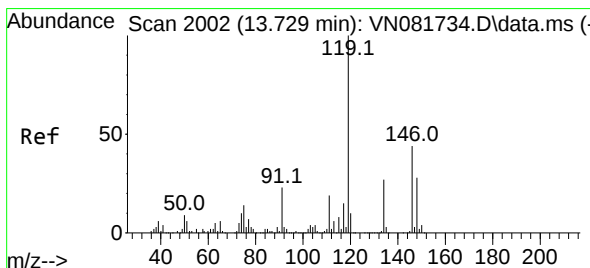
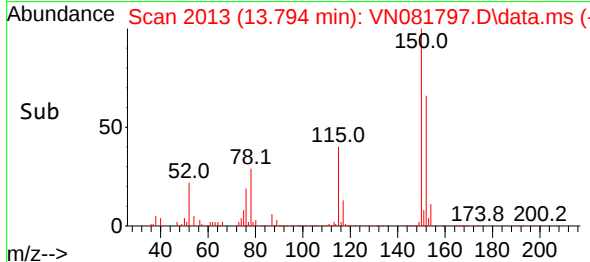
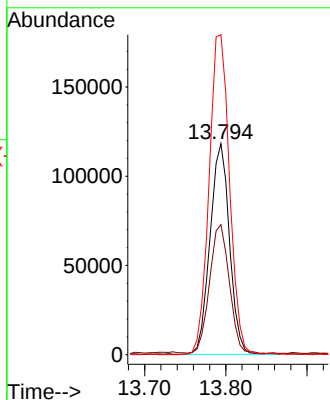
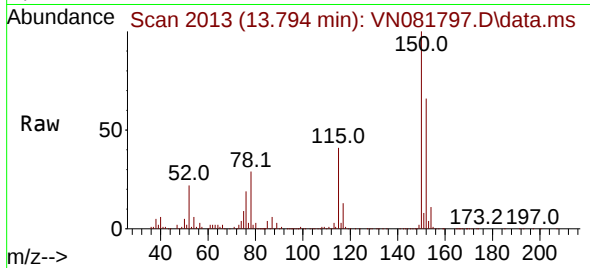




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081797.D
Acq: 18 Apr 2024 19:06

Instrument :
MSVOA_N
ClientSampleId :
4828

Tgt Ion	152	Resp:	196272
Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.4	91.3
150	159.6	0.0	353.2



#86
p-Isopropyltoluene
Concen: 1.116 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081797.D
Acq: 18 Apr 2024 19:06

Tgt Ion	119	Resp:	13443
Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.2	39.5
91	19.4	11.8	35.3

