

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083205.D
 Acq On : 10 Aug 2024 14:08
 Operator : JC\MD
 Sample : P3476-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MUL04

Quant Time: Aug 12 01:51:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

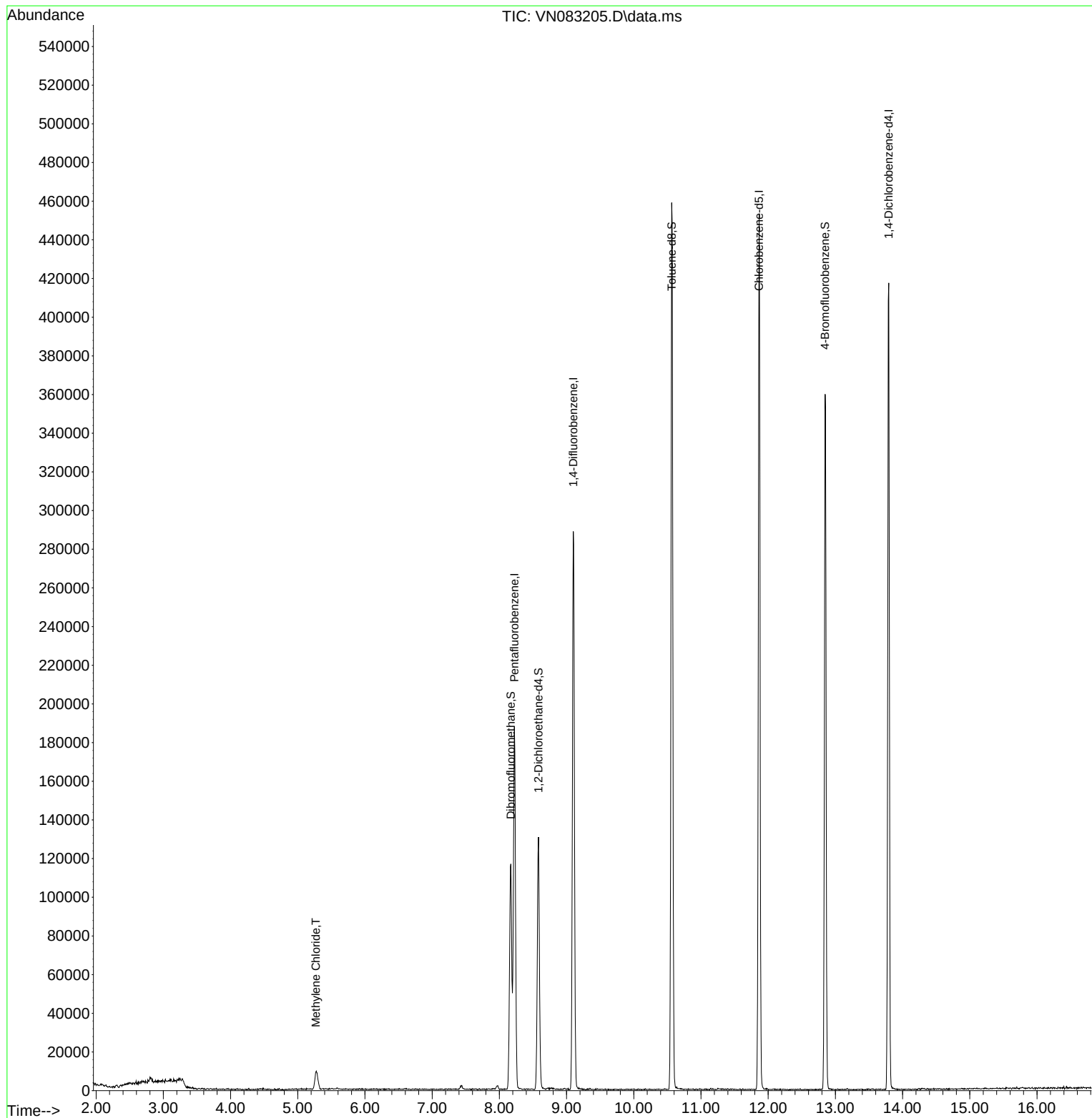
Internal Standards						
1) Pentafluorobenzene	8.224	168	126856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108271	59.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.920%
35) Dibromofluoromethane	8.171	113	83365	54.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.600%
50) Toluene-d8	10.565	98	317362	55.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.840%
62) 4-Bromofluorobenzene	12.847	95	130780	59.112	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	118.220%
Target Compounds						
						Qvalue
20) Methylene Chloride	5.271	84	7323	4.503	ug/l #	80

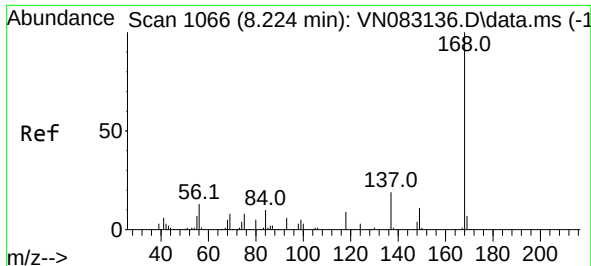
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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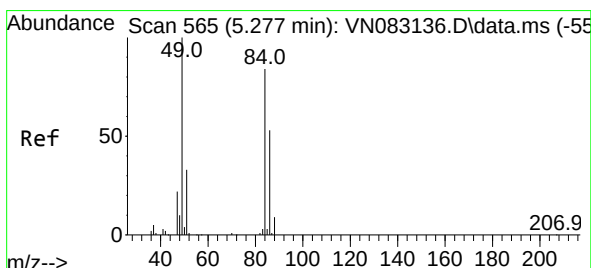
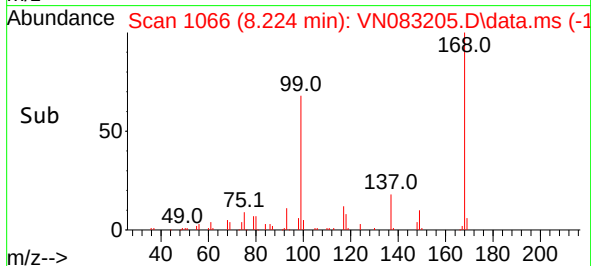
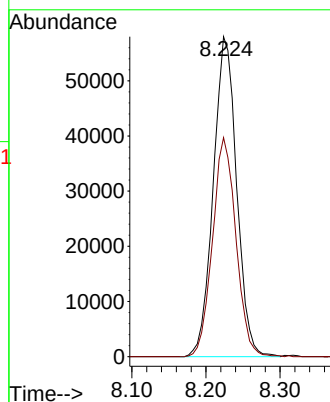
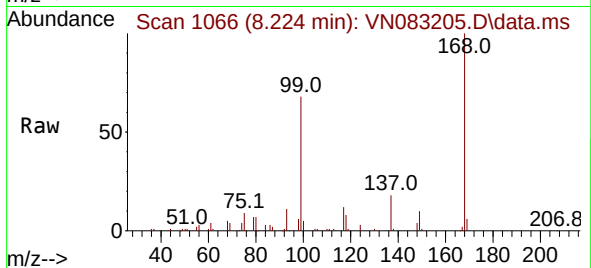




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

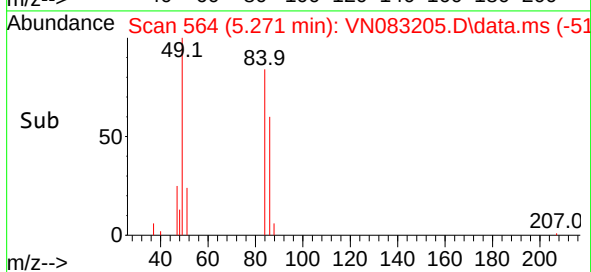
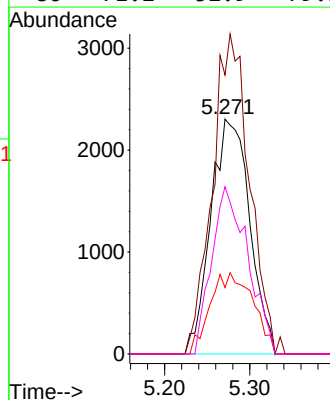
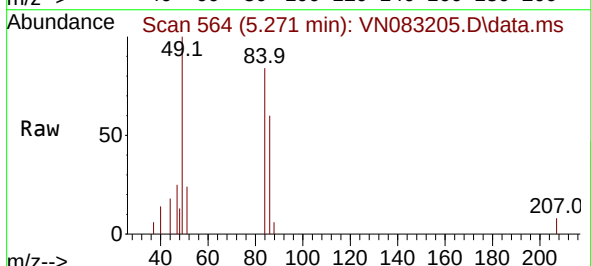
Instrument :
MSVOA_N
ClientSampleId :
MUL04

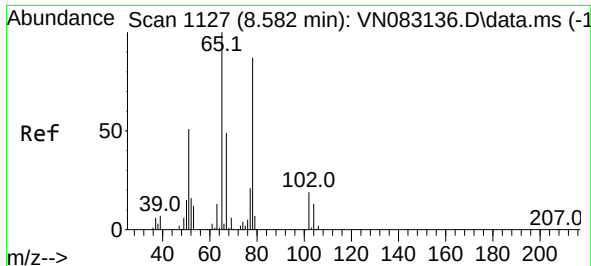
Tgt Ion:168 Resp: 126856
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4



#20
Methylene Chloride
Concen: 4.503 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

Tgt Ion: 84 Resp: 7323
Ion Ratio Lower Upper
84 100
49 118.8 119.6 179.4#
51 28.3 34.8 52.2#
86 71.2 52.9 79.3

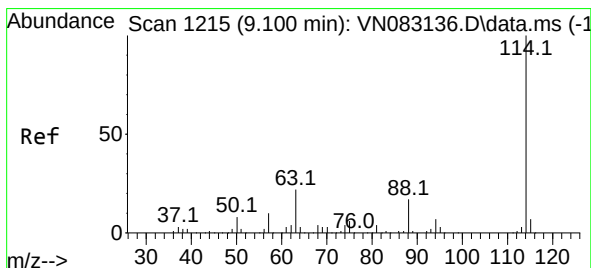
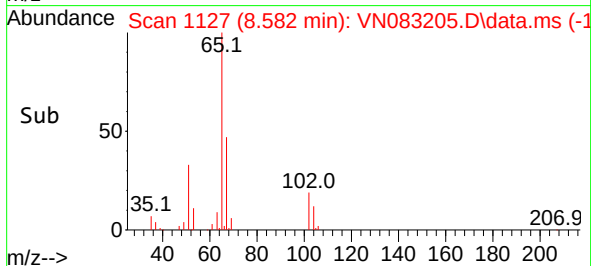
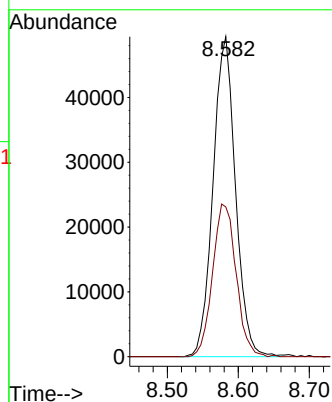
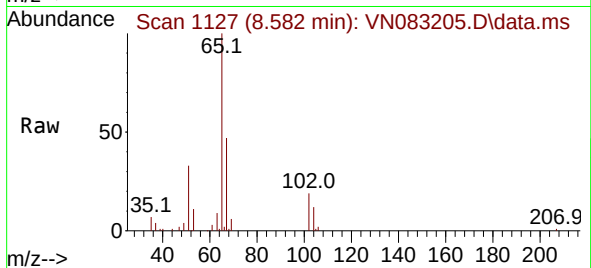




#33
1,2-Dichloroethane-d4
Concen: 59.962 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

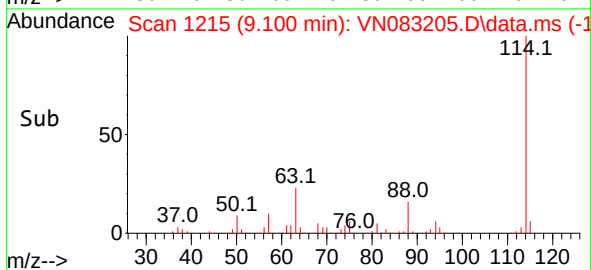
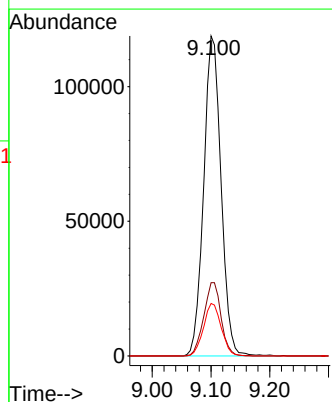
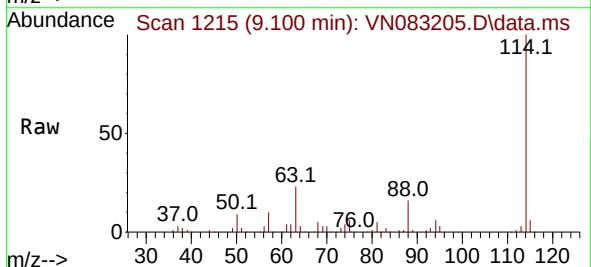
Instrument :
MSVOA_N
ClientSampleId :
MUL04

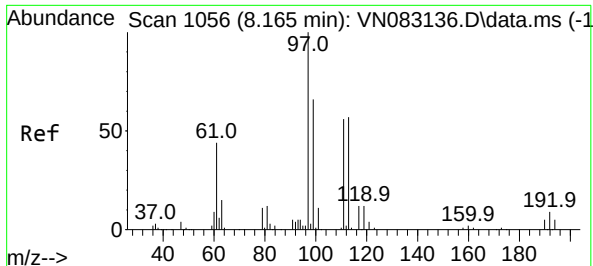
Tgt Ion: 65 Resp: 108271
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

Tgt Ion: 114 Resp: 243733
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.6
88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.797 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083205.D

Acq: 10 Aug 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

MUL04

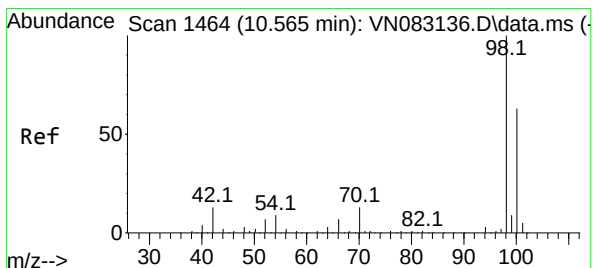
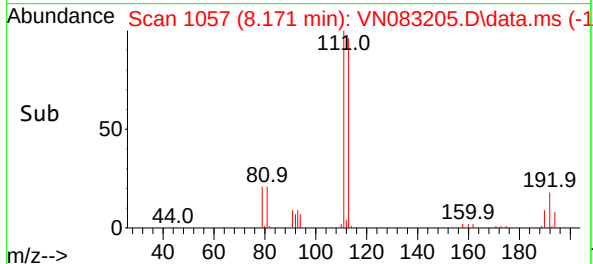
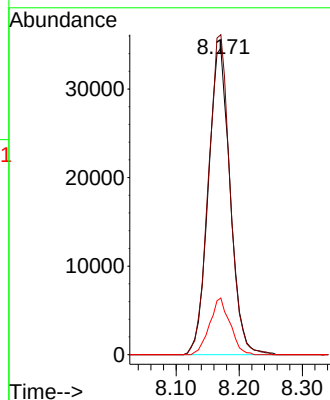
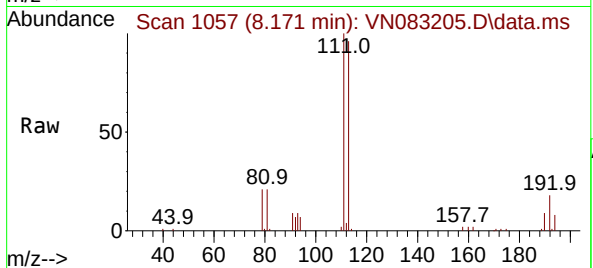
Tgt Ion:113 Resp: 83365

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.1 14.9 22.3



#50

Toluene-d8

Concen: 55.924 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083205.D

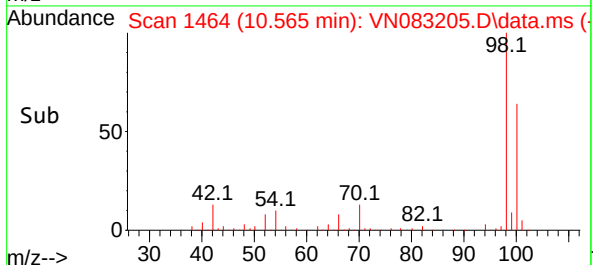
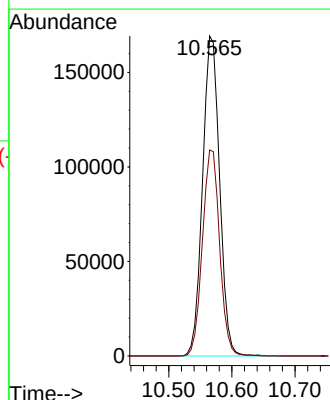
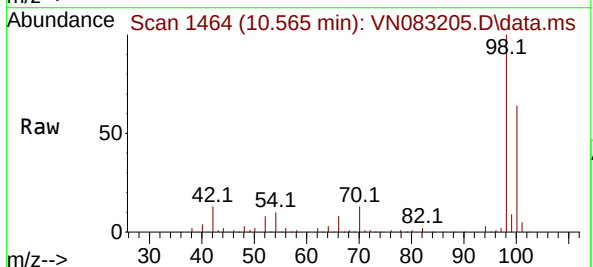
Acq: 10 Aug 2024 14:08

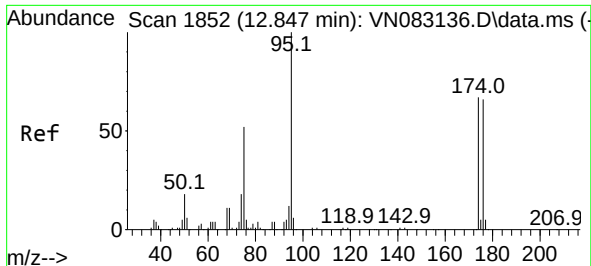
Tgt Ion: 98 Resp: 317362

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3

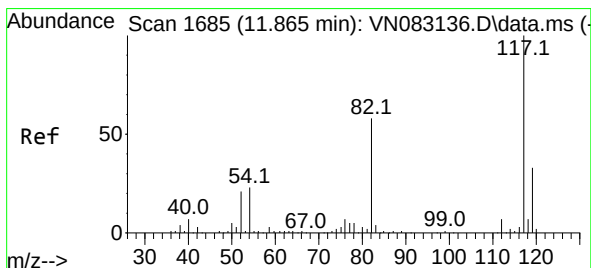
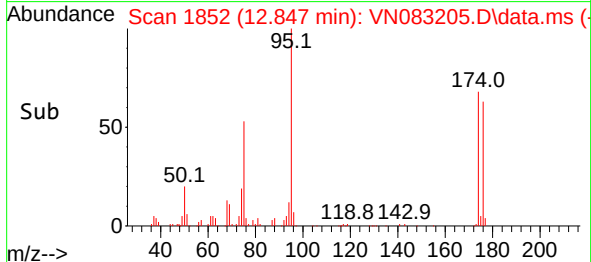
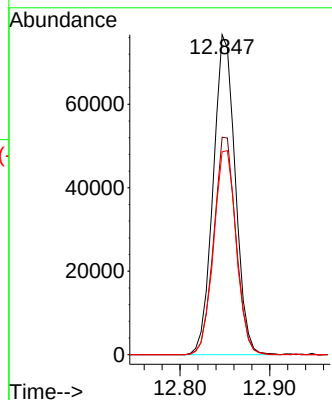
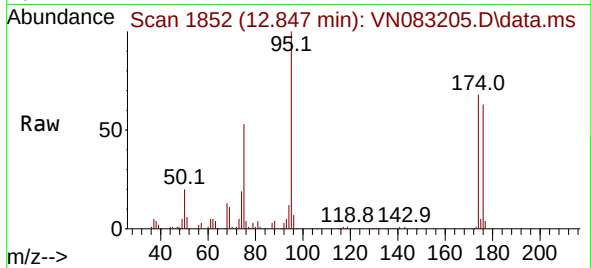




#62
4-Bromofluorobenzene
Concen: 59.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

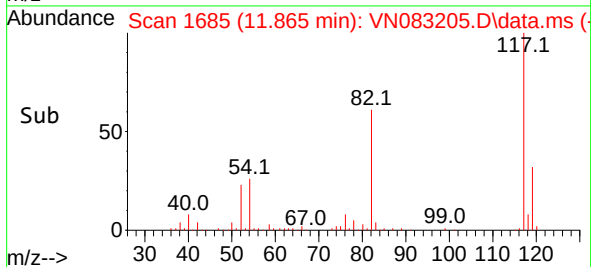
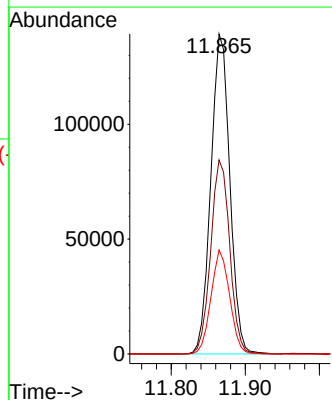
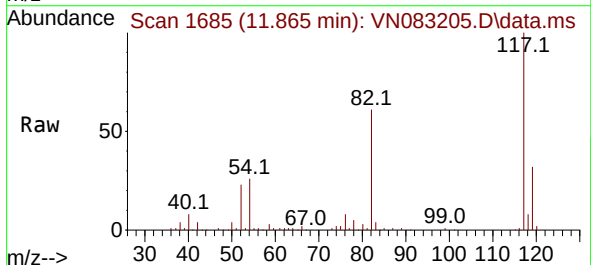
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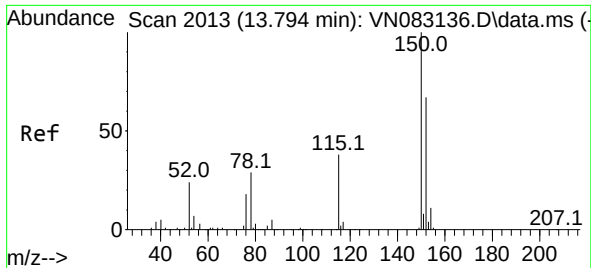
Tgt Ion: 95 Resp: 130780
Ion Ratio Lower Upper
95 100
174 68.6 0.0 159.2
176 65.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083205.D
Acq: 10 Aug 2024 14:08

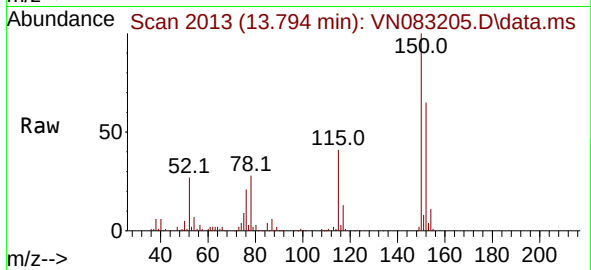
Tgt Ion: 117 Resp: 247914
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083205.D
 Acq: 10 Aug 2024 14:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MUL04



Tgt Ion:152 Resp: 109420
 Ion Ratio Lower Upper
 152 100
 115 63.7 30.6 91.6
 150 155.4 0.0 348.6

