

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080529.D
 Acq On : 19 Dec 2023 18:43
 Operator : JC\MD
 Sample : 05827-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DS01-SO-121323

Quant Time: Dec 20 04:06:19 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)

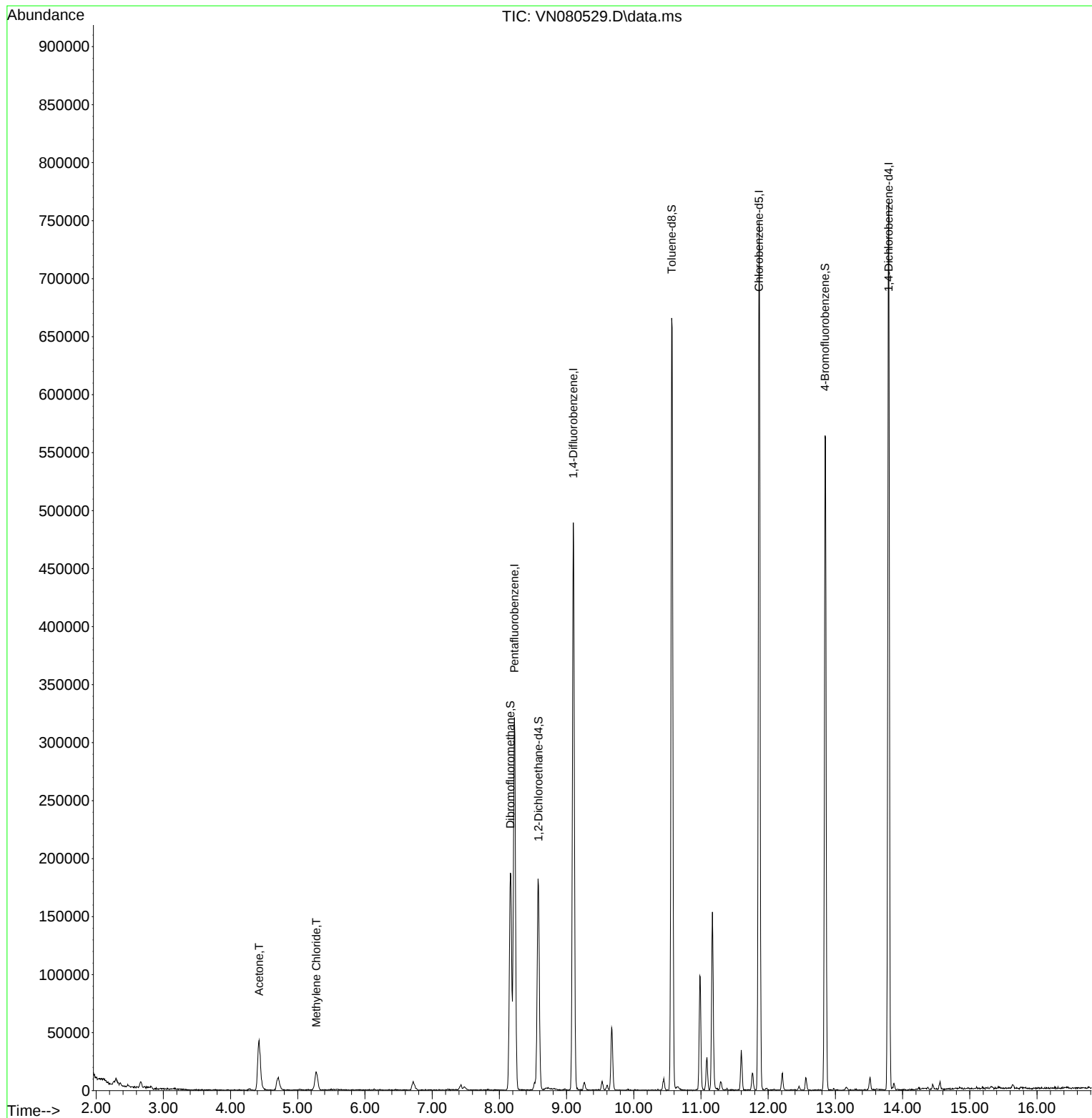
Internal Standards						
1) Pentafluorobenzene	8.224	168	228561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	423148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	438130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	160617	55.020	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.040%			
35) Dibromofluoromethane	8.165	113	137843	51.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	10.565	98	475176	47.489	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.980%			
62) 4-Bromofluorobenzene	12.847	95	206863	54.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.880%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	80242	155.022	ug/l #	88
20) Methylene Chloride	5.277	84	13393	4.835	ug/l	93

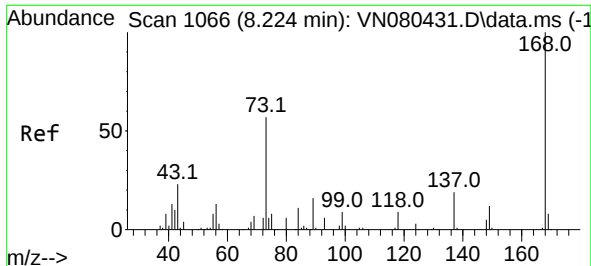
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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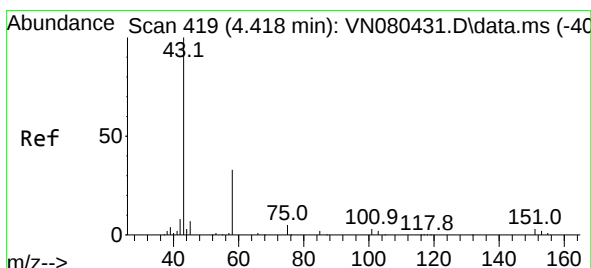
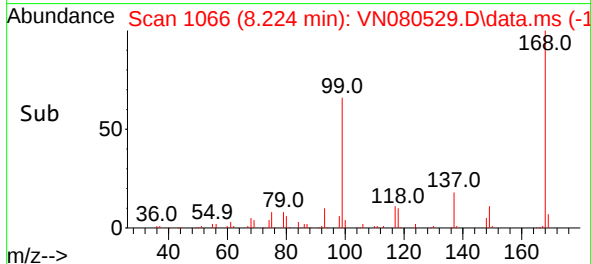
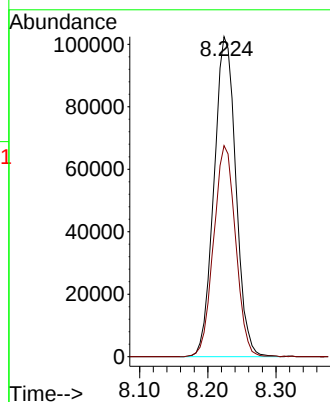
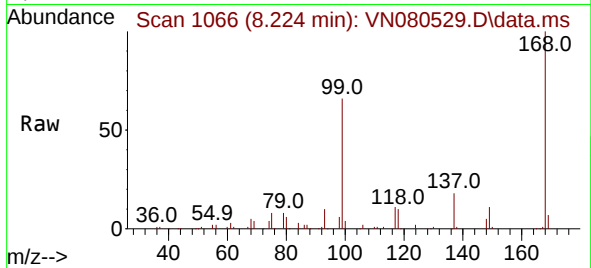




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080529.D
Acq: 19 Dec 2023 18:43

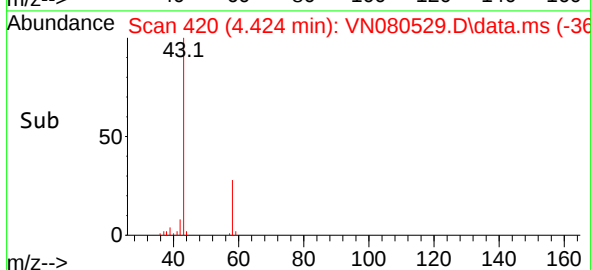
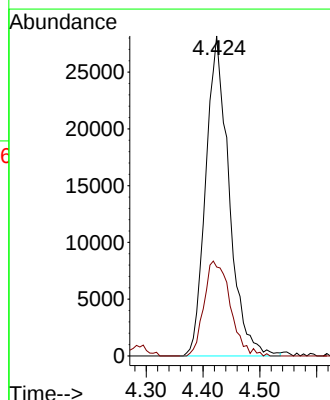
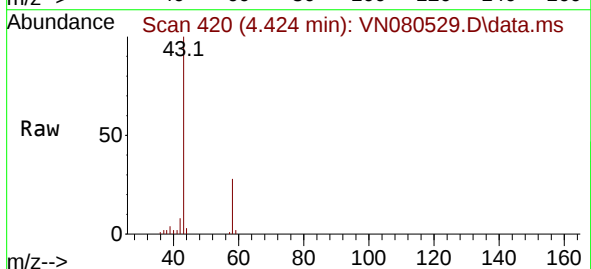
Instrument :
MSVOA_N
ClientSampleId :
DS01-SO-121323

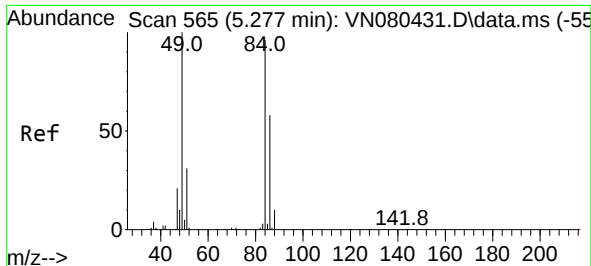
Tgt Ion:168 Resp: 228561
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#16
Acetone
Concen: 155.022 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080529.D
Acq: 19 Dec 2023 18:43

Tgt Ion: 43 Resp: 80242
Ion Ratio Lower Upper
43 100
58 27.8 28.0 42.0#

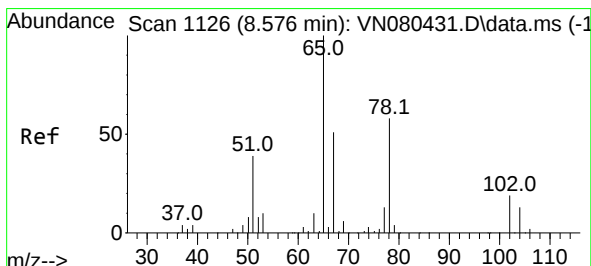
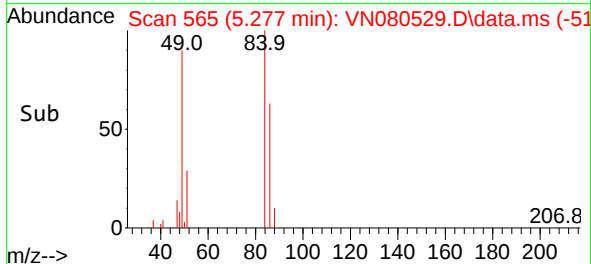
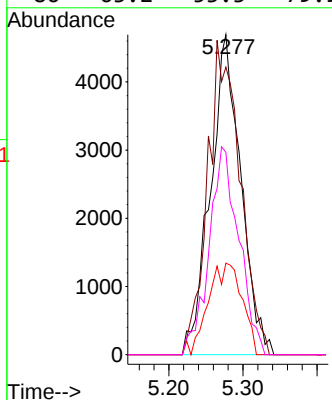
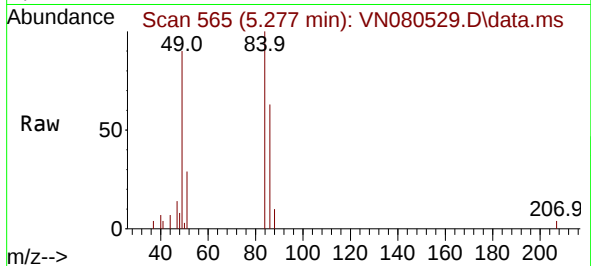




#20
Methylene Chloride
Concen: 4.835 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080529.D
Acq: 19 Dec 2023 18:43

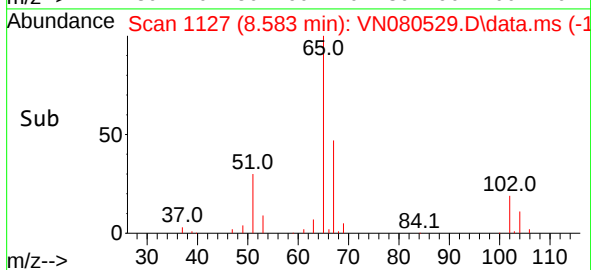
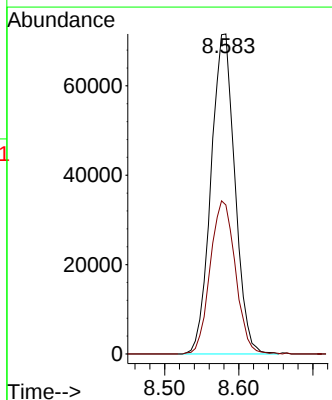
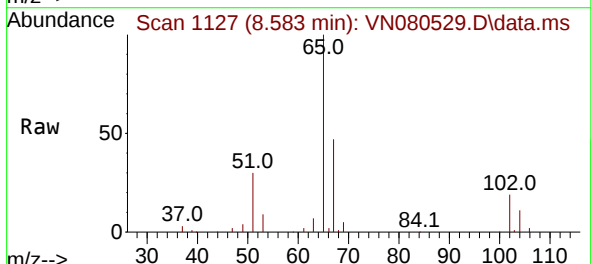
Instrument :
MSVOA_N
ClientSampleId :
DS01-SO-121323

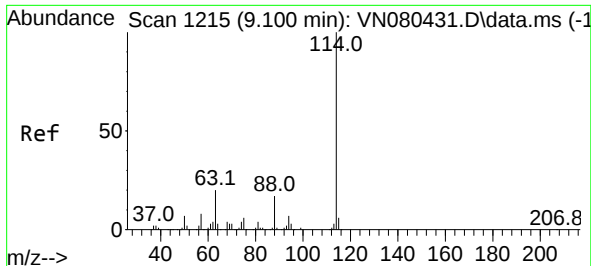
Tgt Ion:	84	Resp:	13393
Ion	Ratio	Lower	Upper
84	100		
49	89.8	79.7	119.5
51	28.6	25.2	37.8
86	63.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.020 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080529.D
Acq: 19 Dec 2023 18:43

Tgt Ion:	65	Resp:	160617
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080529.D

Acq: 19 Dec 2023 18:43

Instrument :

MSVOA_N

ClientSampleId :

DS01-SO-121323

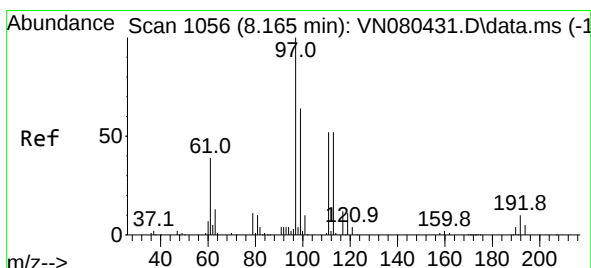
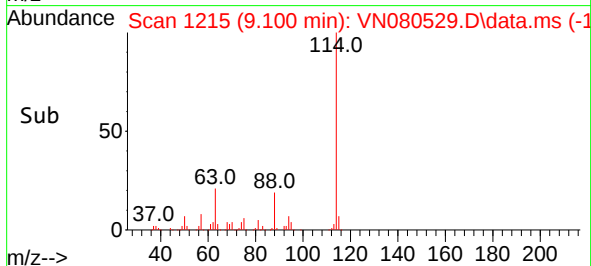
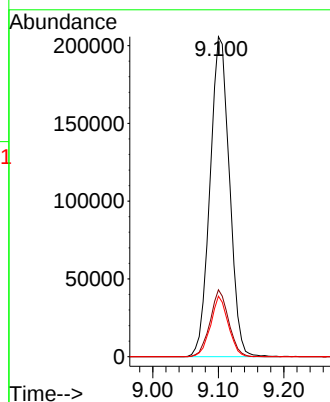
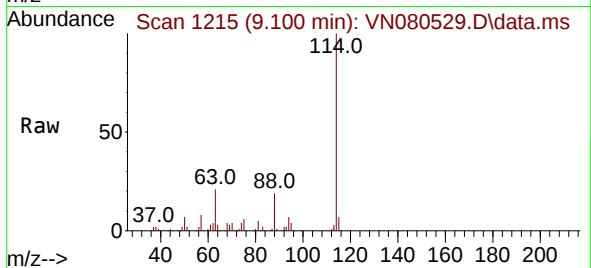
Tgt Ion:114 Resp: 423148

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 18.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.378 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080529.D

Acq: 19 Dec 2023 18:43

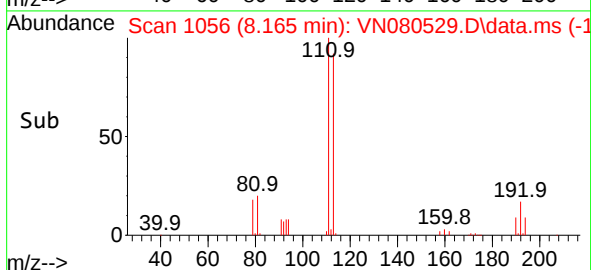
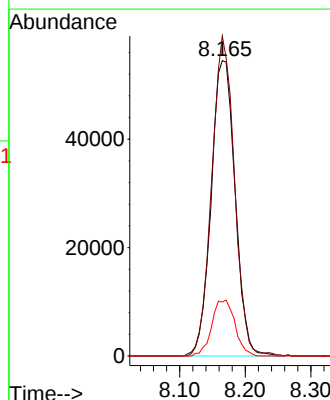
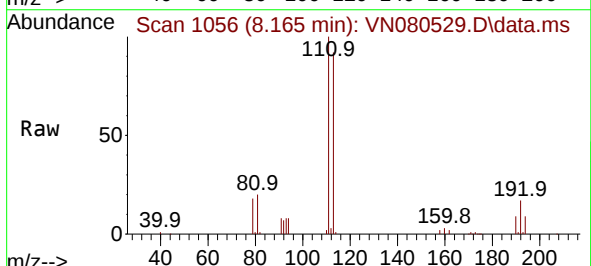
Tgt Ion:113 Resp: 137843

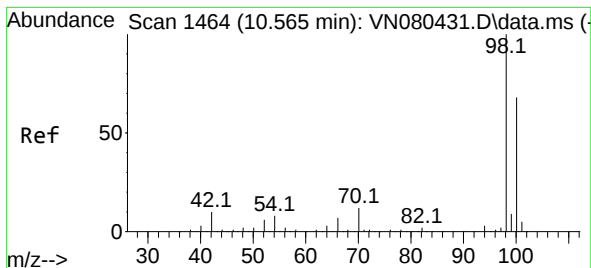
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 18.4 12.7 19.1

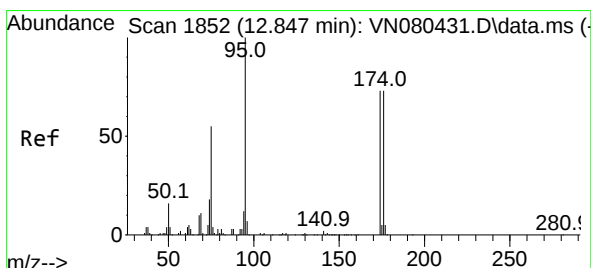
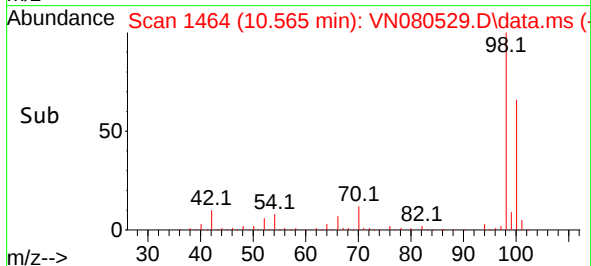
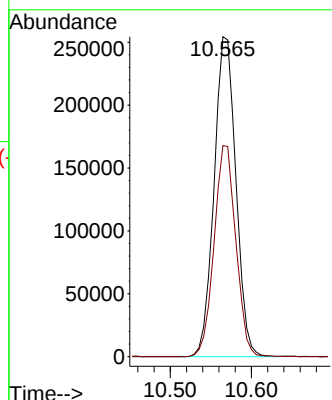
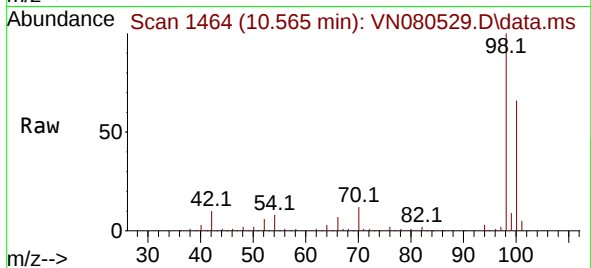




#50
Toluene-d8
Concen: 47.489 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080529.D
Acq: 19 Dec 2023 18:43

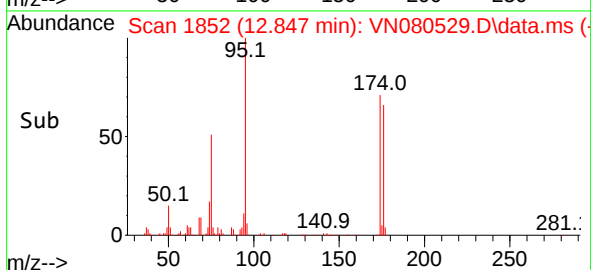
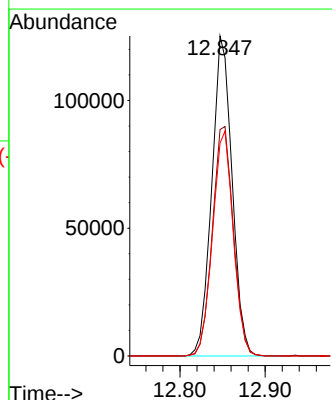
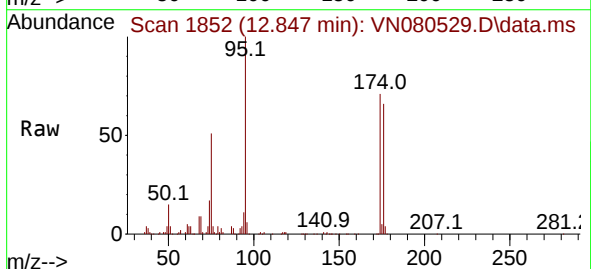
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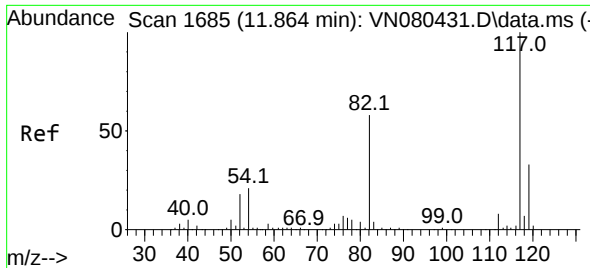
Tgt Ion: 98 Resp: 475176
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.445 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080529.D
Acq: 19 Dec 2023 18:43

Tgt Ion: 95 Resp: 206863
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.5 0.0 135.8

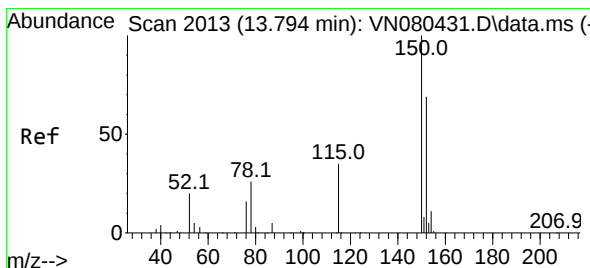
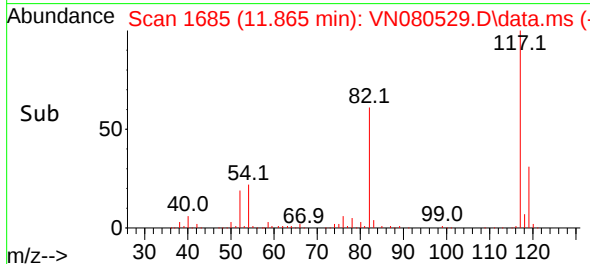
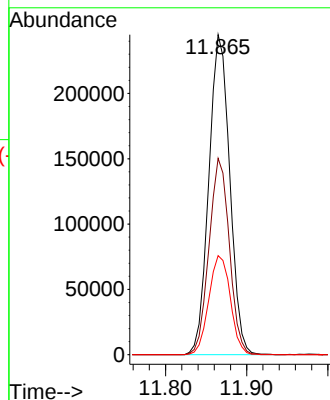
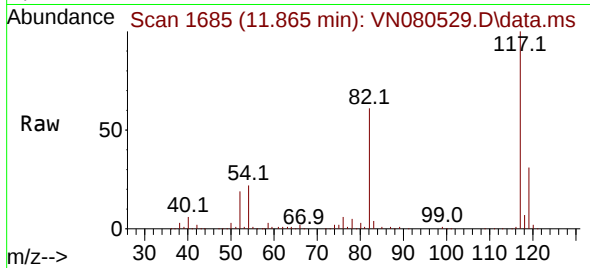




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080529.D
Acq: 19 Dec 2023 18:43

Instrument :
MSVOA_N
ClientSampleId :
DS01-SO-121323

Tgt Ion:117 Resp: 438130
Ion Ratio Lower Upper
117 100
82 61.3 44.0 66.0
119 30.9 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: VN080529.D
Acq: 19 Dec 2023 18:43

Tgt Ion:152 Resp: 205834
Ion Ratio Lower Upper
152 100
115 66.4 32.3 96.8
150 158.2 0.0 355.8

