

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082719.D
 Acq On : 25 Jun 2024 15:46
 Operator : JC\MD
 Sample : PB161676ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#11

Quant Time: Jun 26 01:24:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

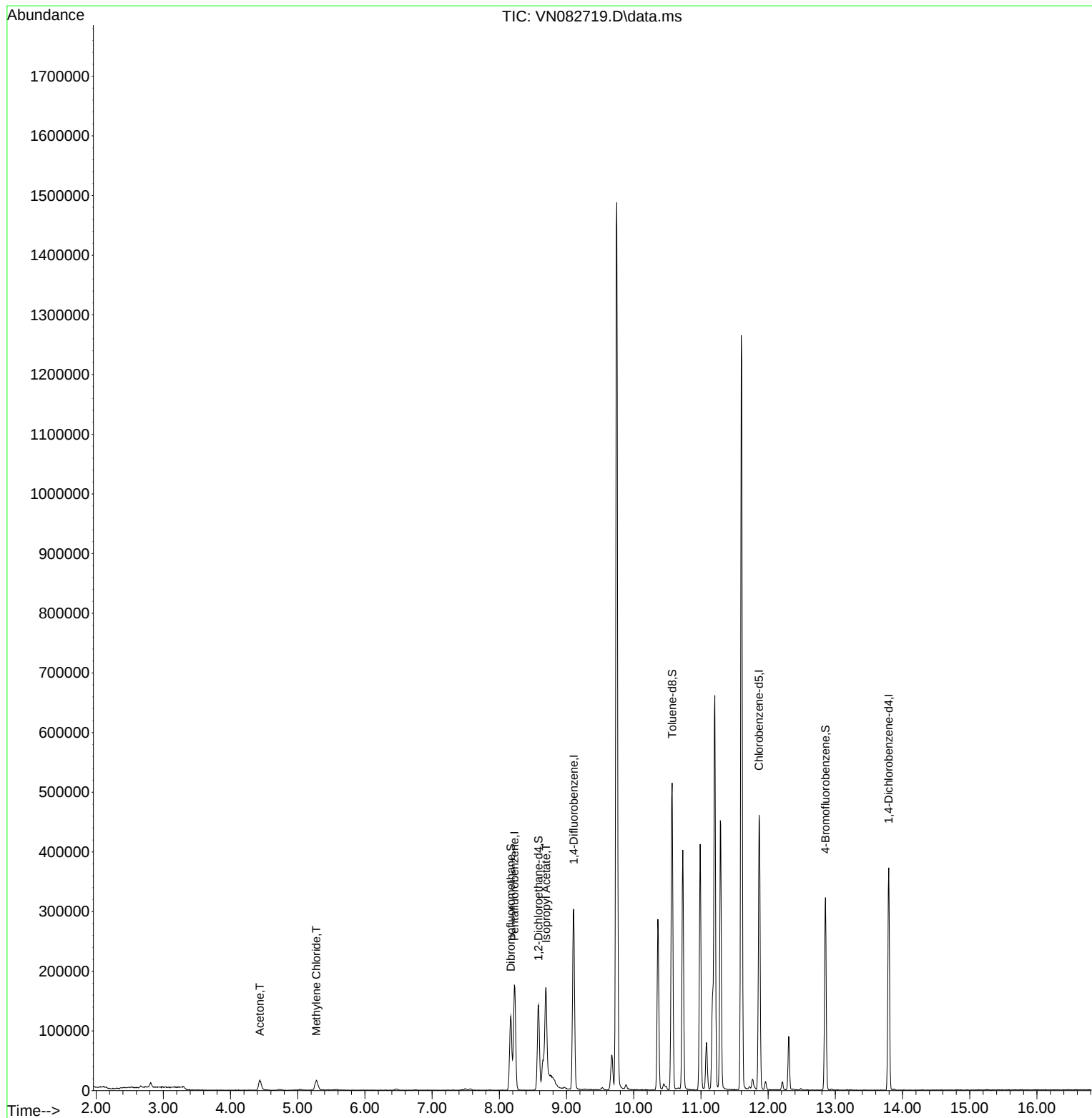
Internal Standards						
1) Pentafluorobenzene	8.224	168	122430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	241508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116873	59.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.060%			
35) Dibromofluoromethane	8.171	113	87590	53.462	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.920%			
50) Toluene-d8	10.571	98	333019	53.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.853	95	101414	47.477	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.960%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	33330	37.328	ug/l	92
20) Methylene Chloride	5.277	84	11835	7.539	ug/l	91
43) Isopropyl Acetate	8.694	43	245795	42.157	ug/l #	81

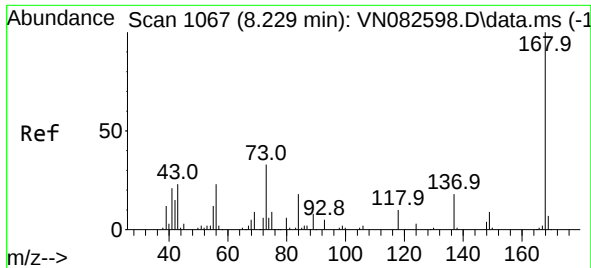
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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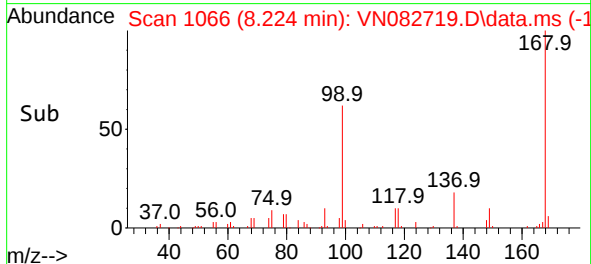
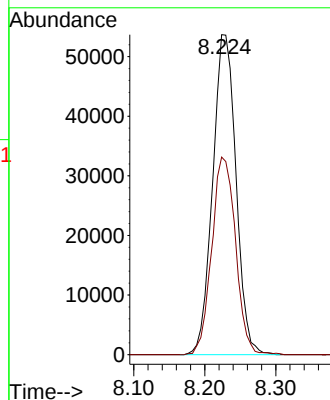
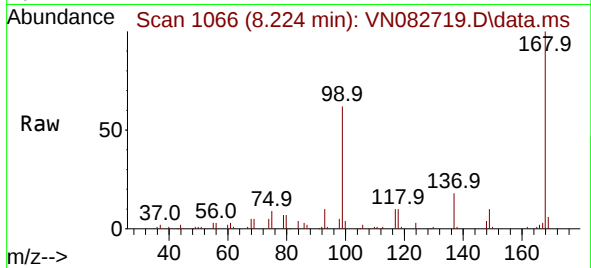




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082719.D
Acq: 25 Jun 2024 15:46

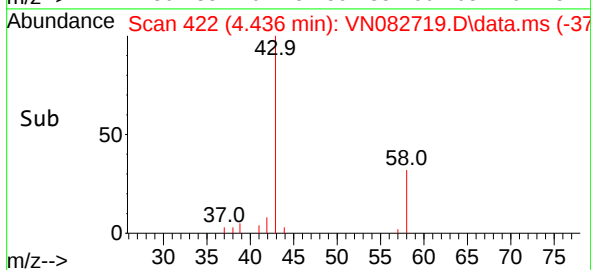
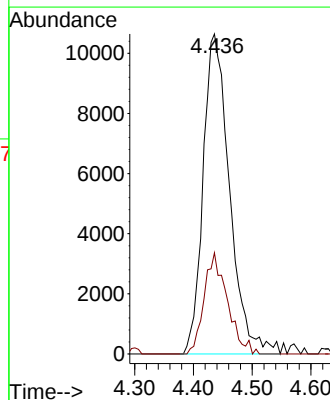
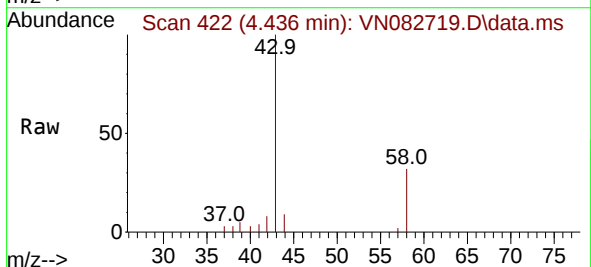
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#11

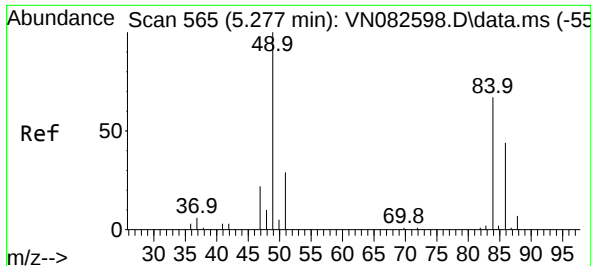
Tgt Ion:168 Resp: 122430
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#16
Acetone
Concen: 37.328 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082719.D
Acq: 25 Jun 2024 15:46

Tgt Ion: 43 Resp: 33330
Ion Ratio Lower Upper
43 100
58 31.6 21.8 32.6

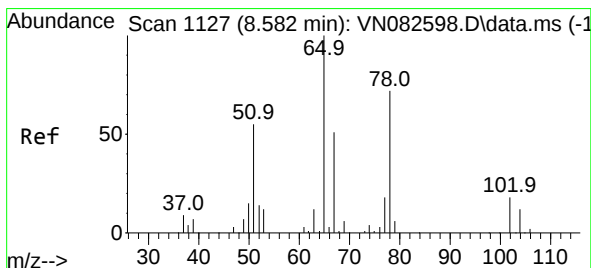
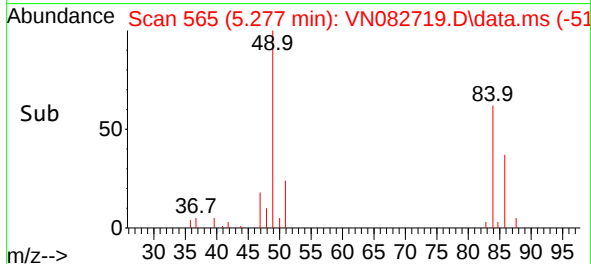
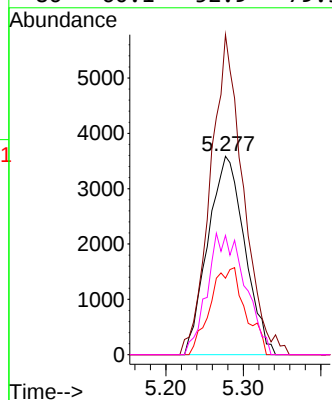
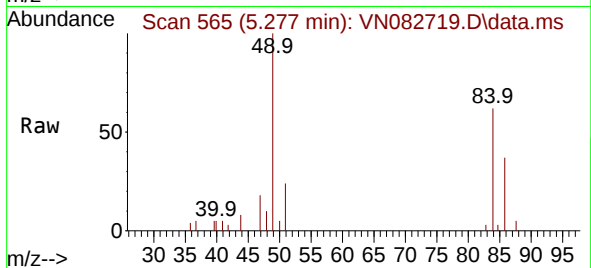




#20
Methylene Chloride
Concen: 7.539 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082719.D
Acq: 25 Jun 2024 15:46

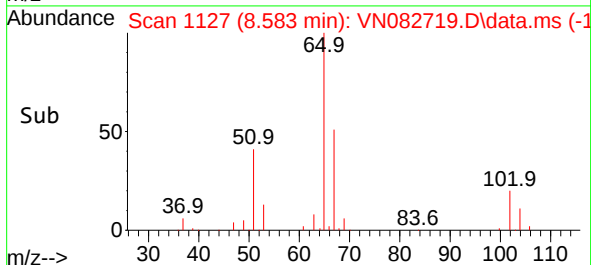
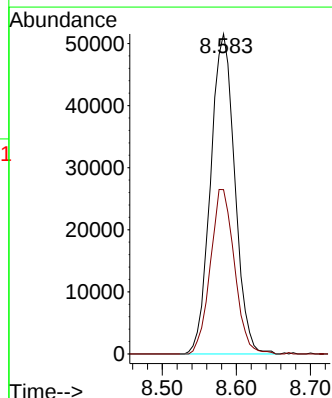
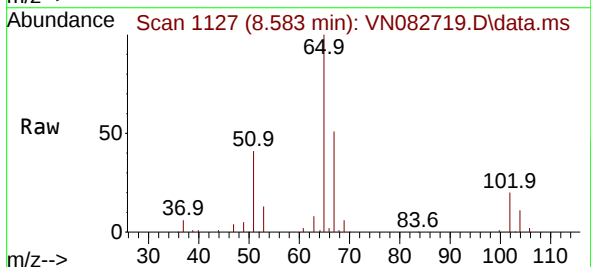
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#11

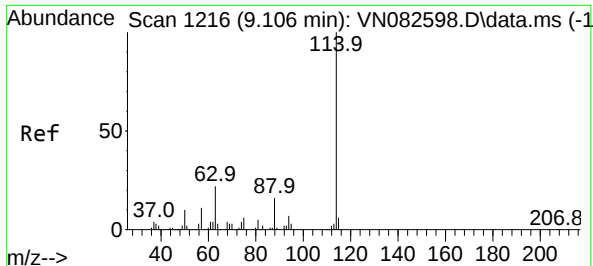
Tgt Ion:	84	Resp:	11835
Ion	Ratio	Lower	Upper
84	100		
49	161.2	119.6	179.4
51	38.6	34.8	52.2
86	60.1	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 59.528 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082719.D
Acq: 25 Jun 2024 15:46

Tgt Ion:	65	Resp:	116873
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082719.D

Acq: 25 Jun 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#11

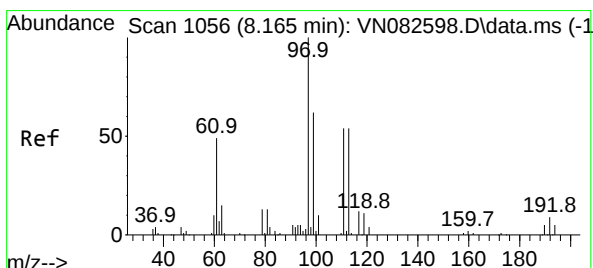
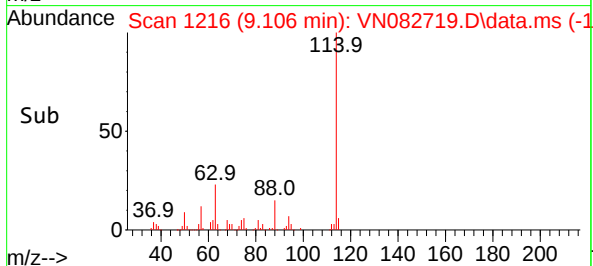
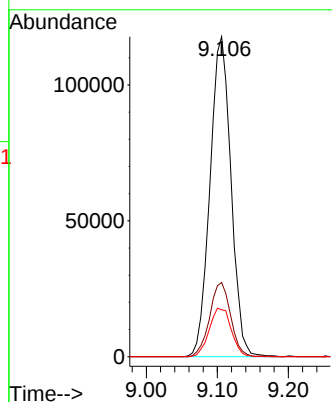
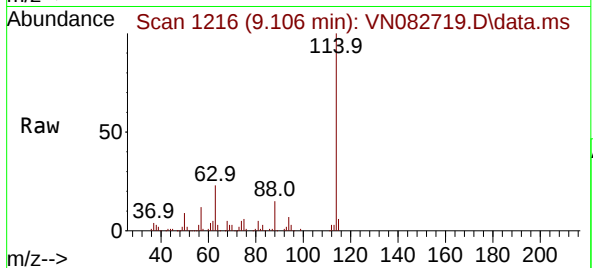
Tgt Ion:114 Resp: 241508

Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.6

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.462 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082719.D

Acq: 25 Jun 2024 15:46

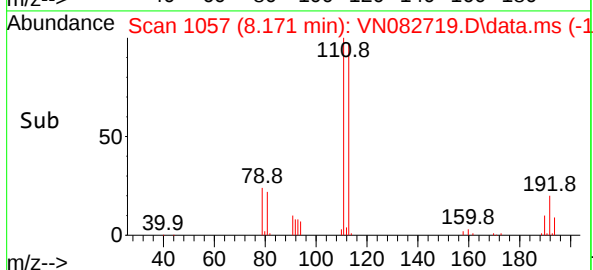
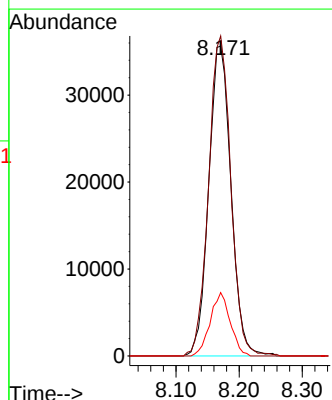
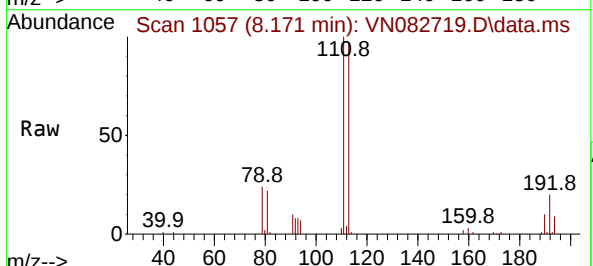
Tgt Ion:113 Resp: 87590

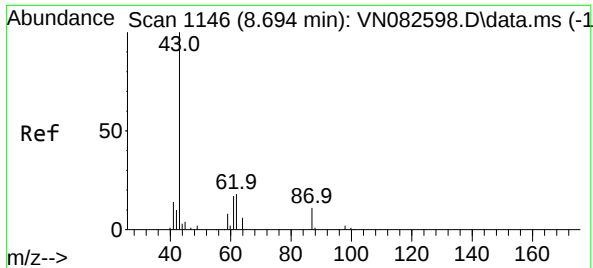
Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 18.3 14.9 22.3

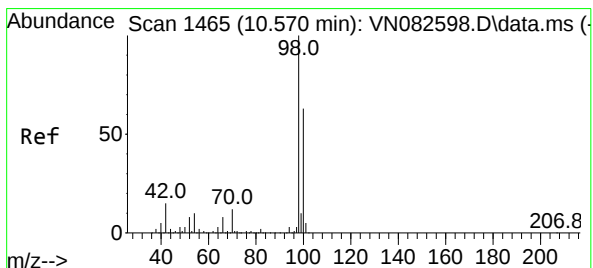
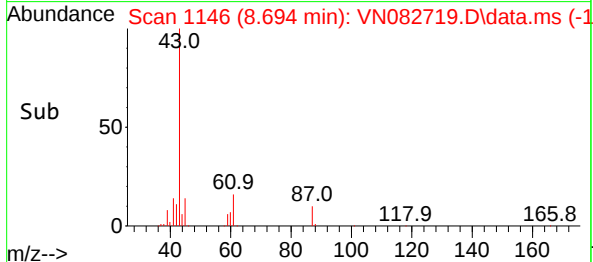
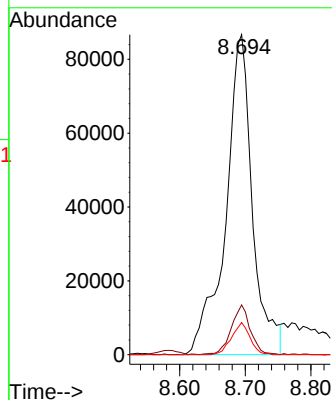
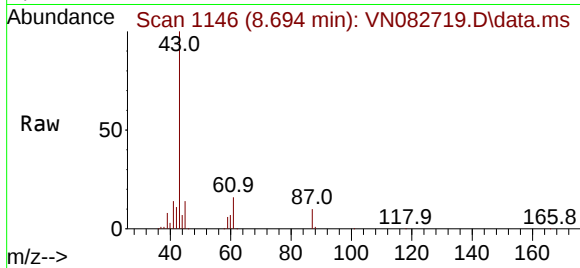




#43
Isopropyl Acetate
Concen: 42.157 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082719.D
Acq: 25 Jun 2024 15:46

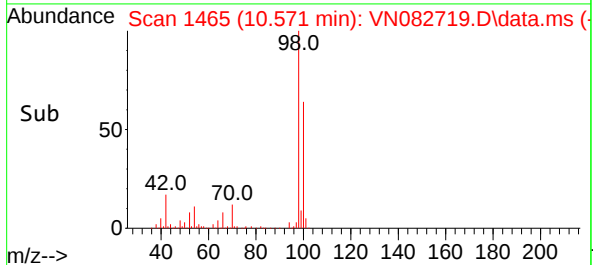
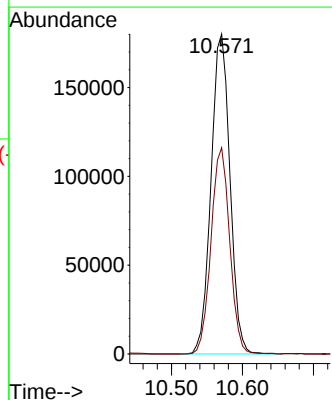
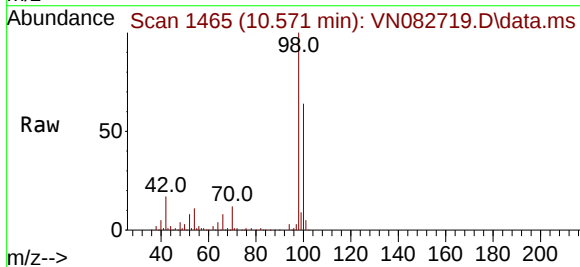
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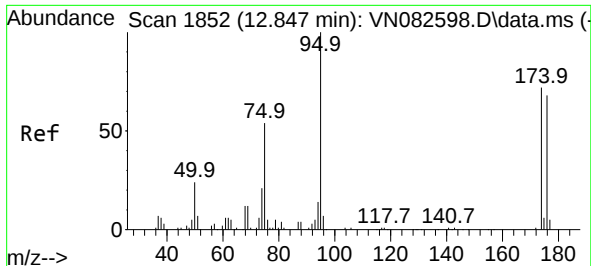
Tgt Ion: 43 Resp: 245795
Ion Ratio Lower Upper
43 100
61 11.1 17.8 26.6#
87 6.9 8.2 12.2#



#50
Toluene-d8
Concen: 53.750 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082719.D
Acq: 25 Jun 2024 15:46

Tgt Ion: 98 Resp: 333019
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

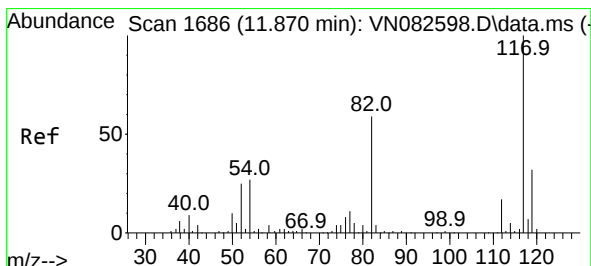
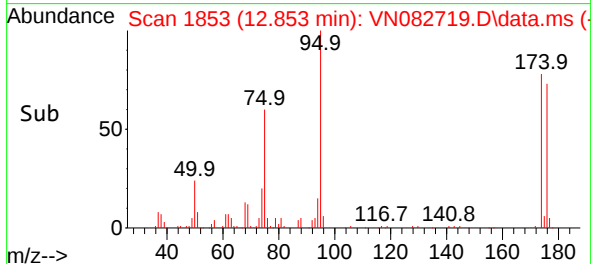
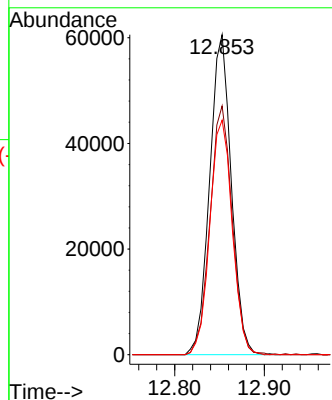
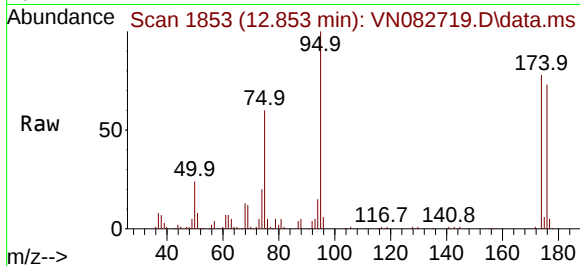




#62
4-Bromofluorobenzene
Concen: 47.477 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082719.D
Acq: 25 Jun 2024 15:46

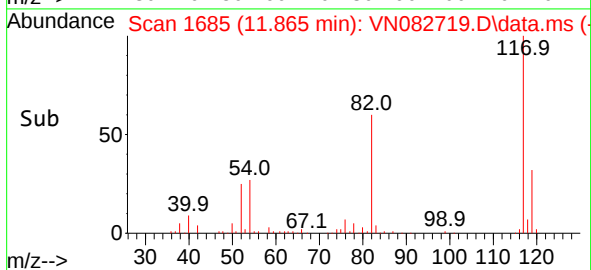
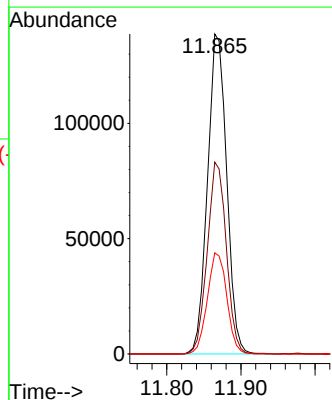
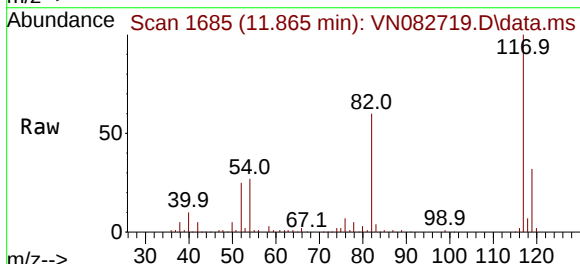
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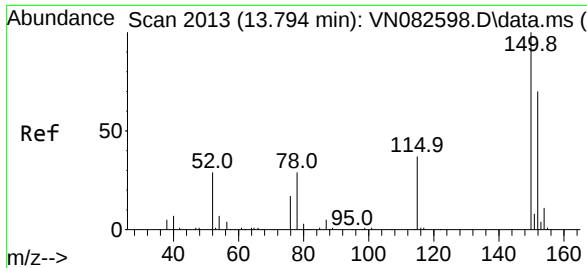
Tgt Ion: 95 Resp: 101414
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 75.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082719.D
Acq: 25 Jun 2024 15:46

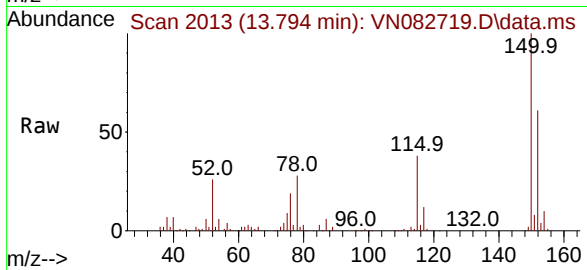
Tgt Ion: 117 Resp: 249101
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082719.D
 Acq: 25 Jun 2024 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#11



Tgt Ion:152 Resp: 93444
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.6 91.6
 150 160.4 0.0 348.6

