

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082728.D
 Acq On : 25 Jun 2024 19:27
 Operator : JC\MD
 Sample : P3045-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 7AB

Quant Time: Jun 26 01:28:11 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)

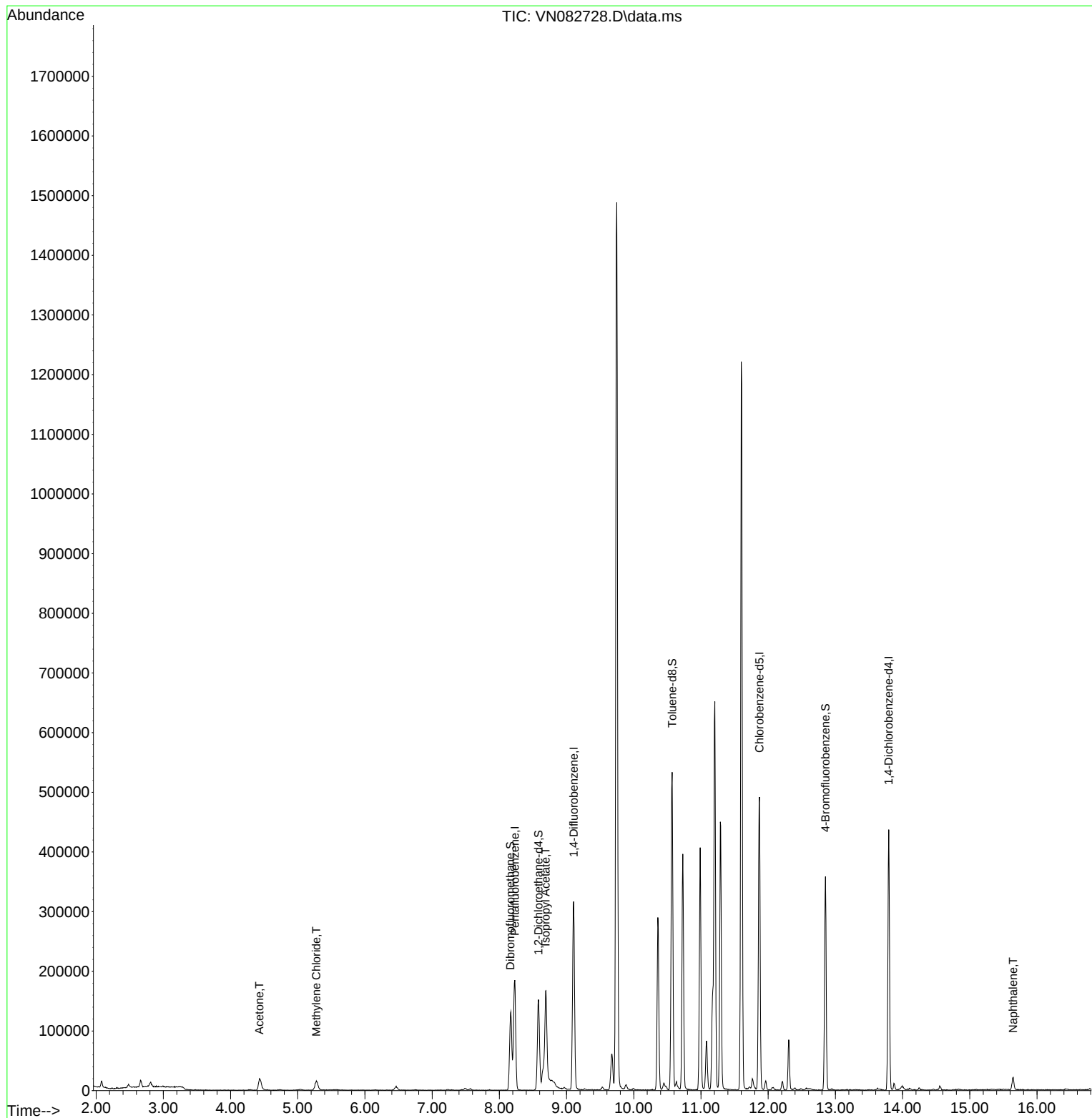
Internal Standards						
1) Pentafluorobenzene	8.230	168	130010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	251392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	263295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122244	58.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.260%
35) Dibromofluoromethane	8.165	113	91278	53.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.040%
50) Toluene-d8	10.571	98	347065	53.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.620%
62) 4-Bromofluorobenzene	12.853	95	111723	50.247	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.500%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	39444	41.600	ug/l	94
20) Methylene Chloride	5.277	84	10630	6.377	ug/l	98
43) Isopropyl Acetate	8.688	43	226512	37.323	ug/l #	84
95) Naphthalene	15.647	128	20980	3.502	ug/l	98

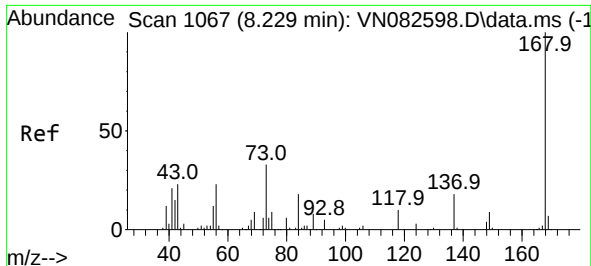
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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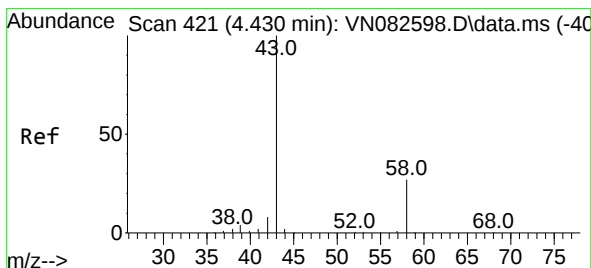
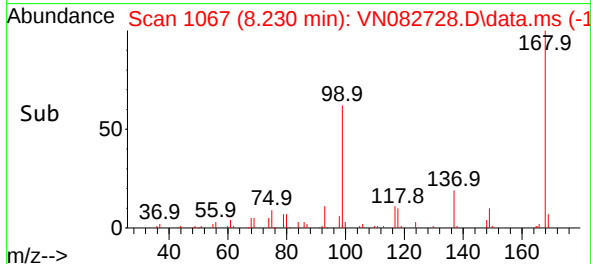
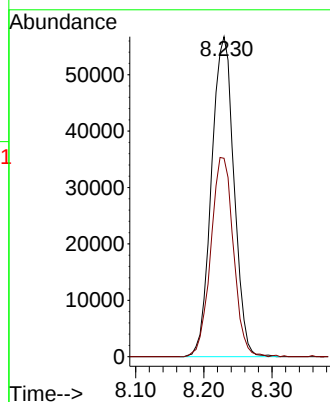
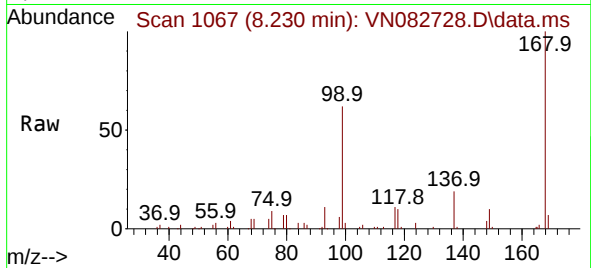




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

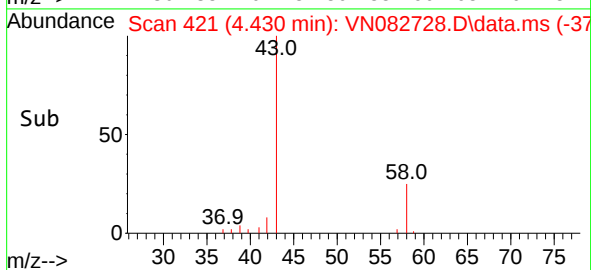
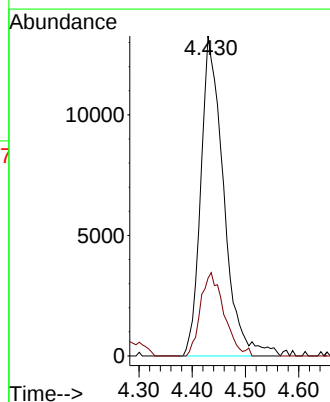
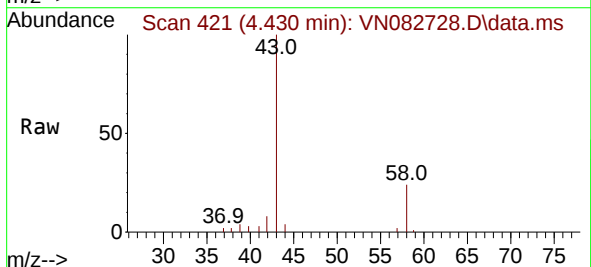
Instrument :
MSVOA_N
ClientSampleId :
7AB

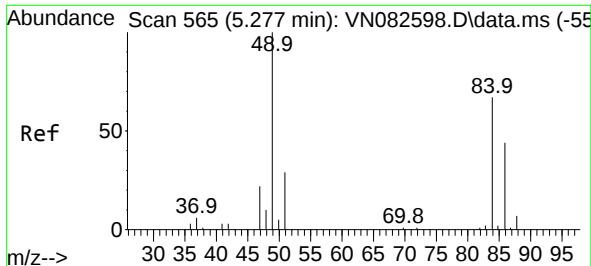
Tgt Ion:168 Resp: 130010
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#16
Acetone
Concen: 41.600 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

Tgt Ion: 43 Resp: 39444
Ion Ratio Lower Upper
43 100
58 24.3 21.8 32.6

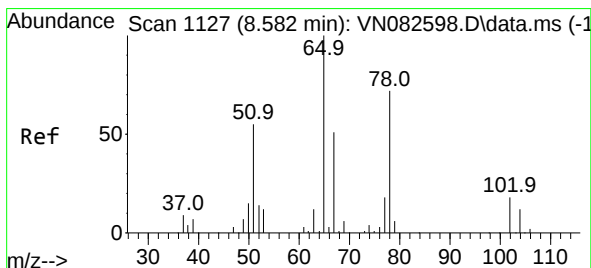
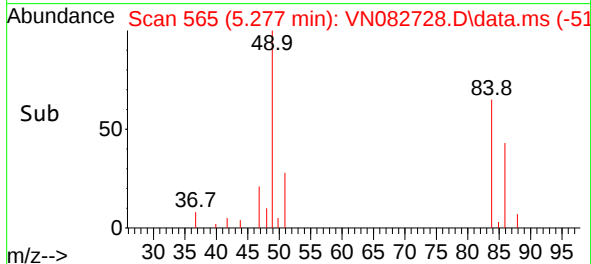
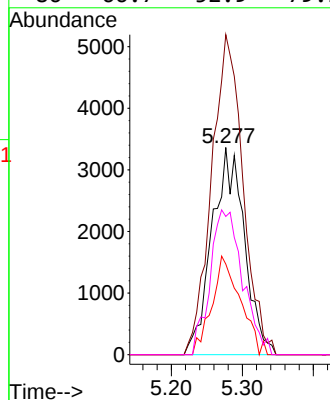
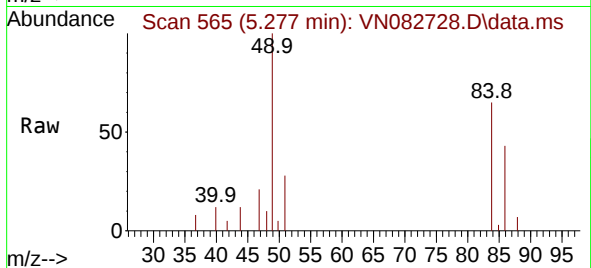




#20
Methylene Chloride
Concen: 6.377 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

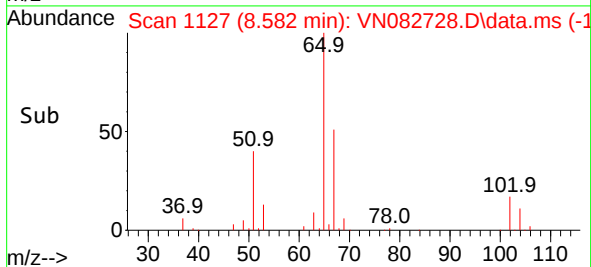
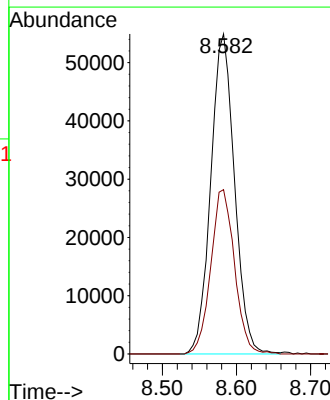
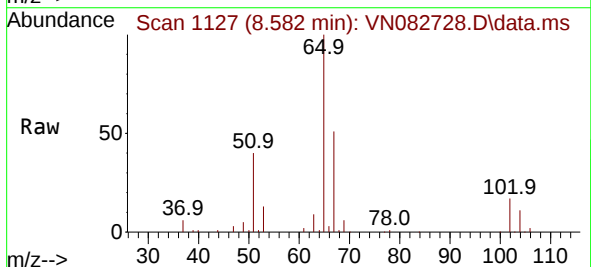
Instrument :
MSVOA_N
ClientSampleId :
7AB

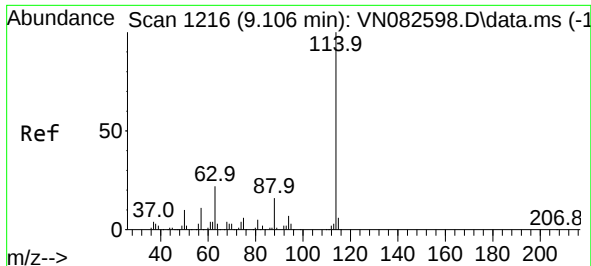
Tgt Ion:	84	Resp:	10630
Ion	Ratio	Lower	Upper
84	100		
49	154.4	119.6	179.4
51	43.7	34.8	52.2
86	66.7	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 58.633 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

Tgt Ion:	65	Resp:	122244
Ion	Ratio	Lower	Upper
65	100		
67	51.3	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: VN082728.D

Acq: 25 Jun 2024 19:27

Instrument :

MSVOA_N

ClientSampleId :

7AB

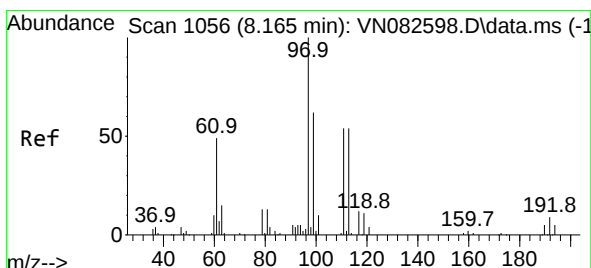
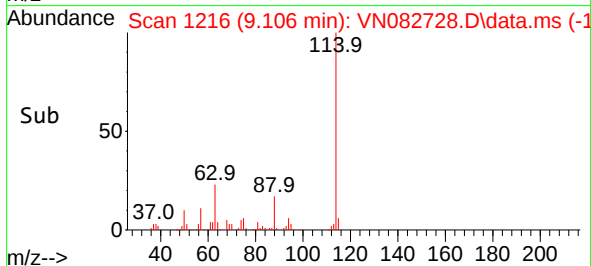
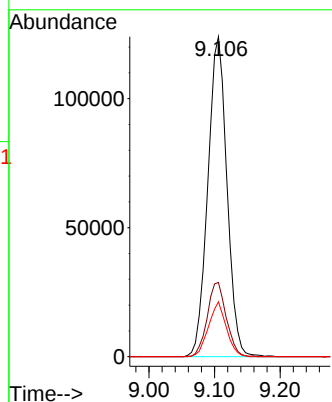
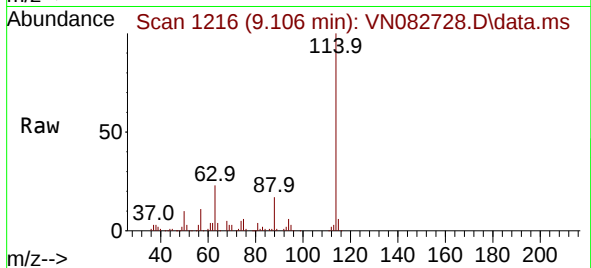
Tgt Ion:114 Resp: 251392

Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.6

88 17.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.522 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082728.D

Acq: 25 Jun 2024 19:27

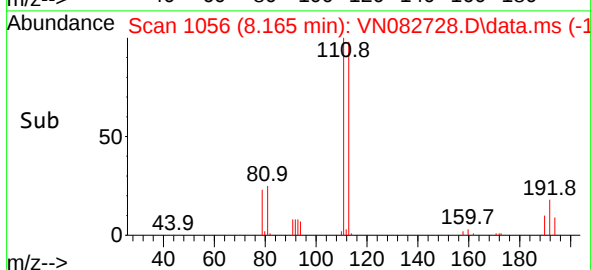
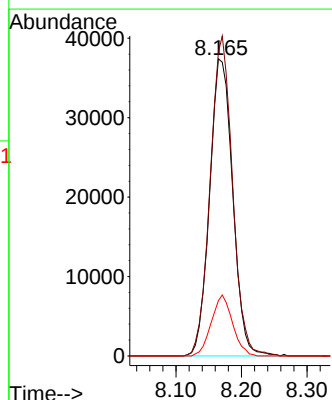
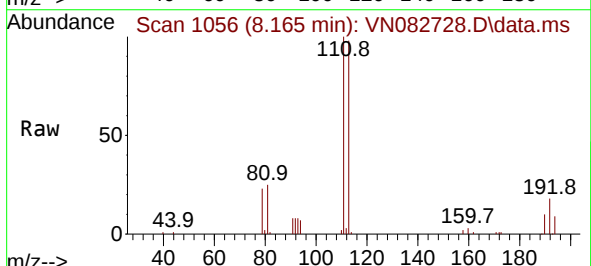
Tgt Ion:113 Resp: 91278

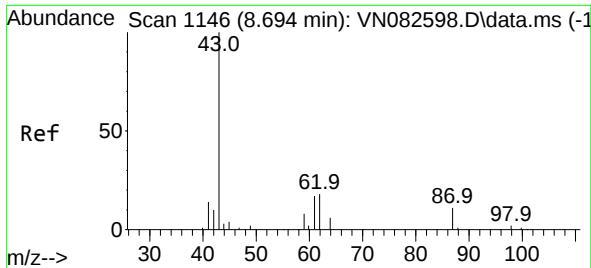
Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 18.9 14.9 22.3

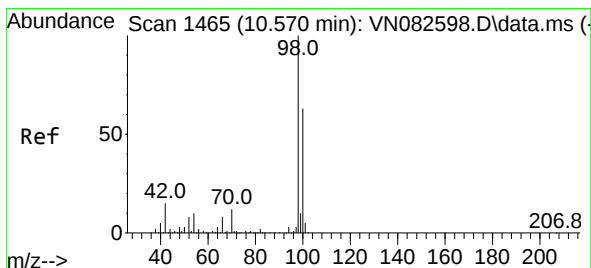
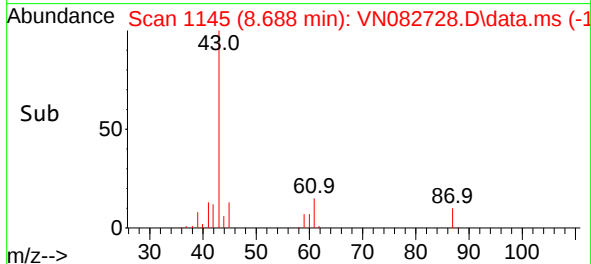
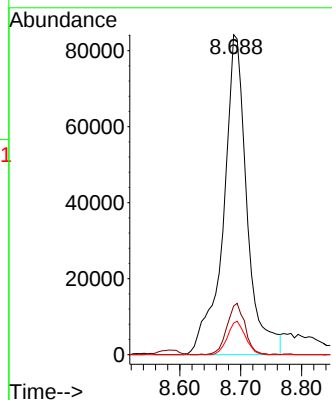
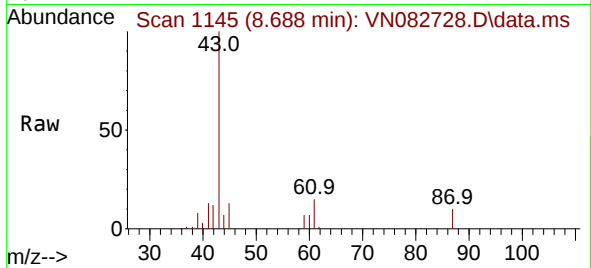




#43
Isopropyl Acetate
Concen: 37.323 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

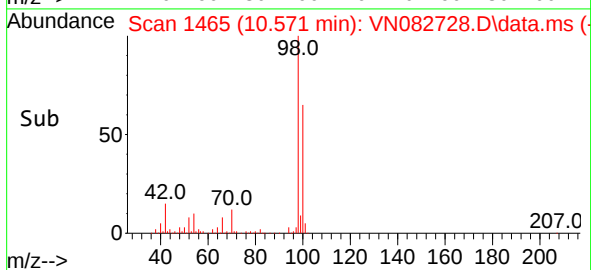
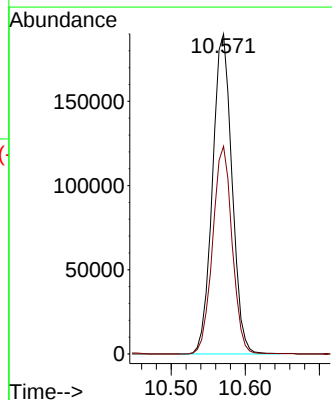
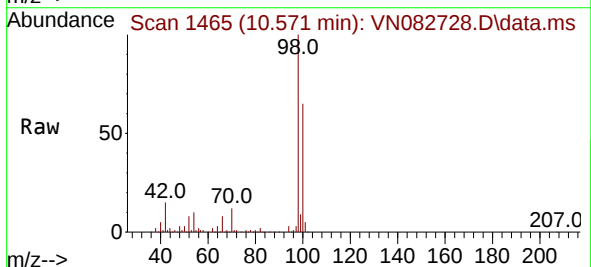
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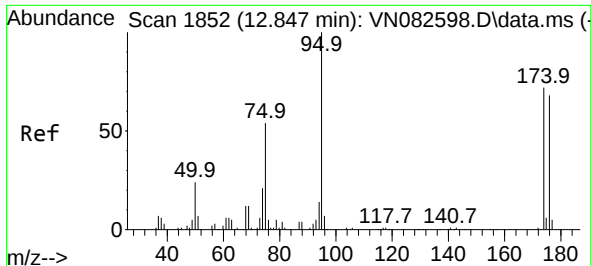
Tgt Ion: 43 Resp: 226512
Ion Ratio Lower Upper
43 100
61 12.3 17.8 26.6#
87 7.9 8.2 12.2#



#50
Toluene-d8
Concen: 53.815 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

Tgt Ion: 98 Resp: 347065
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

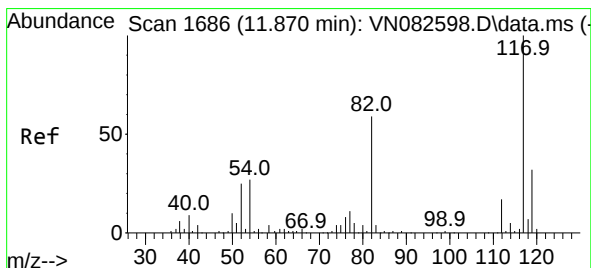
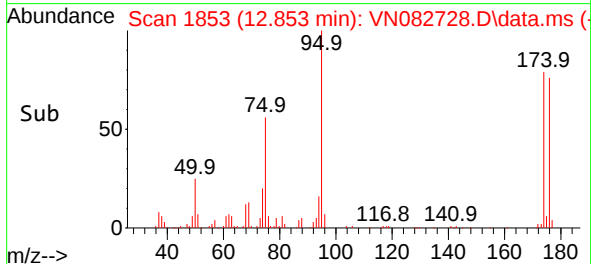
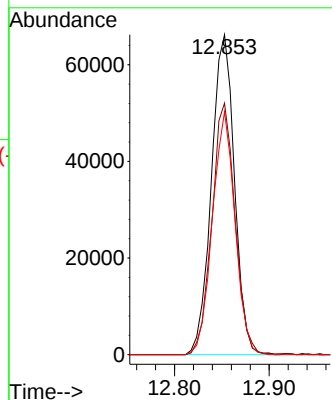
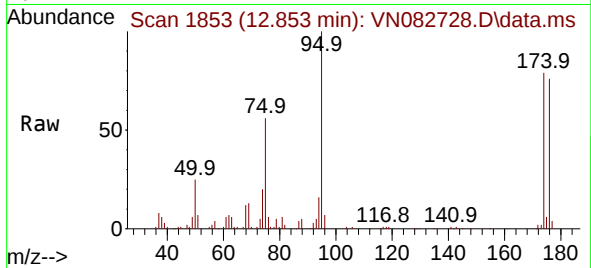




#62
4-Bromofluorobenzene
Concen: 50.247 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

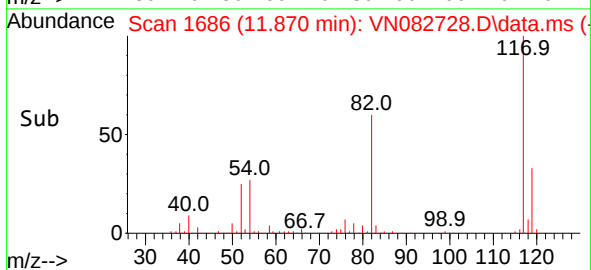
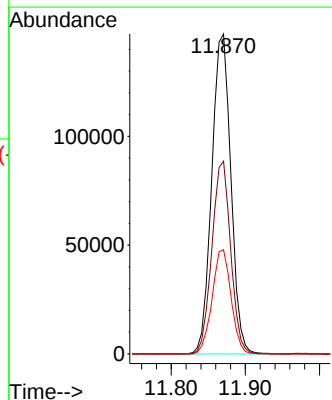
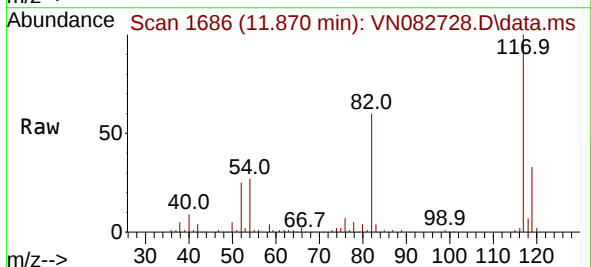
Instrument :
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ClientSampleId :
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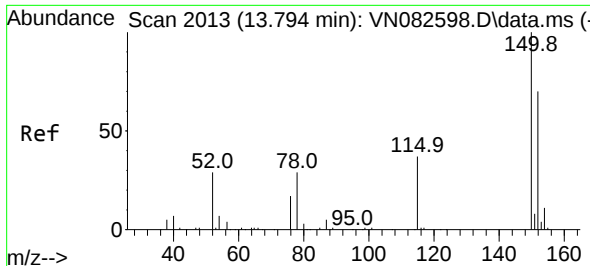
Tgt Ion: 95 Resp: 111723
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 74.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

Tgt Ion: 117 Resp: 263295
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 32.6 25.6 38.4

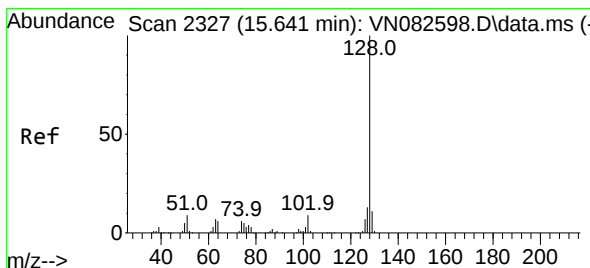
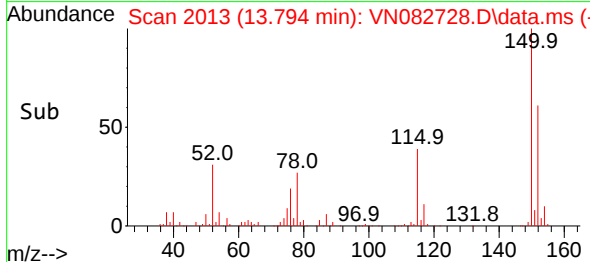
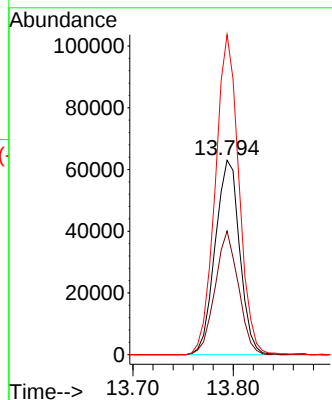
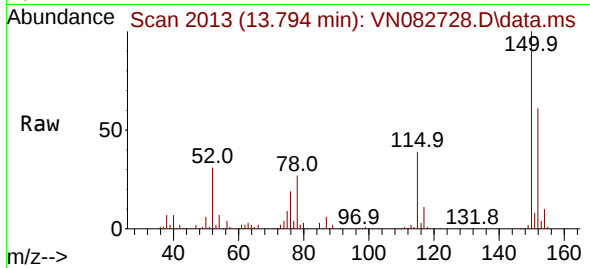




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

Instrument :
MSVOA_N
ClientSampleId :
7AB

Tgt Ion:152 Resp: 106719
Ion Ratio Lower Upper
152 100
115 60.6 30.6 91.6
150 158.9 0.0 348.6



#95
Naphthalene
Concen: 3.502 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN082728.D
Acq: 25 Jun 2024 19:27

Tgt Ion:128 Resp: 20980
Ion Ratio Lower Upper
128 100
127 14.4 10.6 16.0
129 9.9 8.6 12.8

