

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082617.D
 Acq On : 17 Jun 2024 18:38
 Operator : JC\MD
 Sample : P2889-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPJ

Quant Time: Jun 18 05:02:04 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)

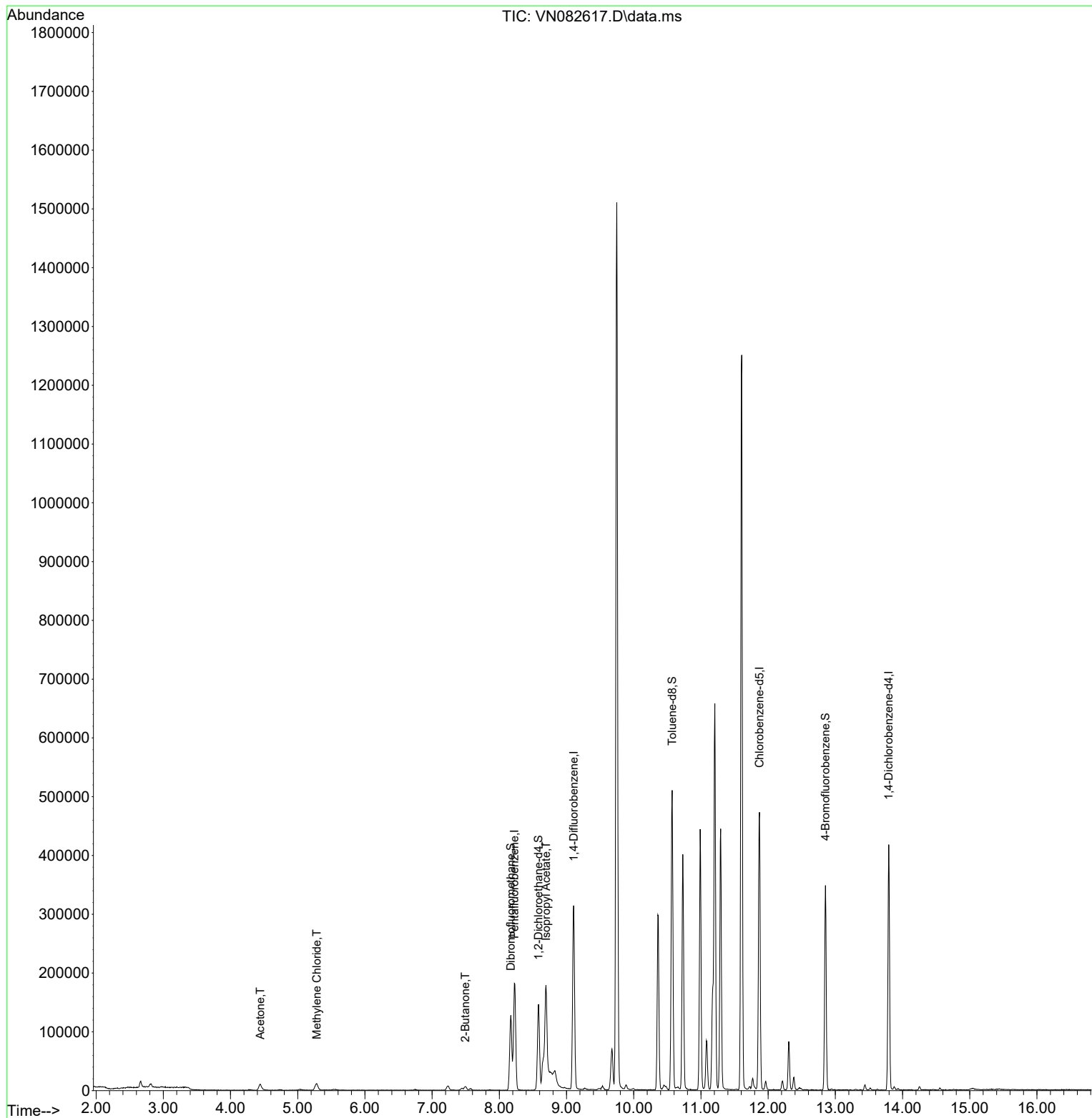
Internal Standards						
1) Pentafluorobenzene	8.224	168	130772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	254092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117675	56.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.220%
35) Dibromofluoromethane	8.171	113	85461	50.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.820%
50) Toluene-d8	10.571	98	329640	51.929	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.853	95	107957	49.328	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.660%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	20963	21.980	ug/l	98
20) Methylene Chloride	5.283	84	8133	4.850	ug/l	91
25) 2-Butanone	7.495	43	10749	7.929	ug/l	96
43) Isopropyl Acetate	8.694	43	261341m	43.749	ug/l	

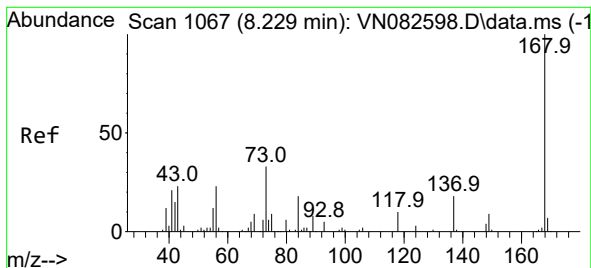
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082617.D

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Instrument :

MSVOA_N

ClientSampleId :

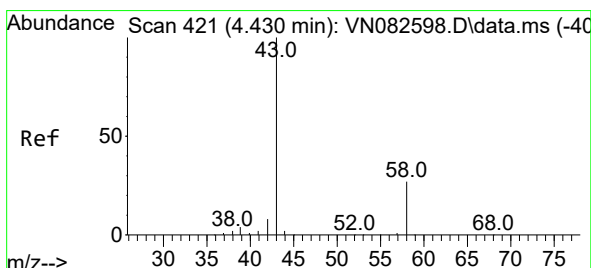
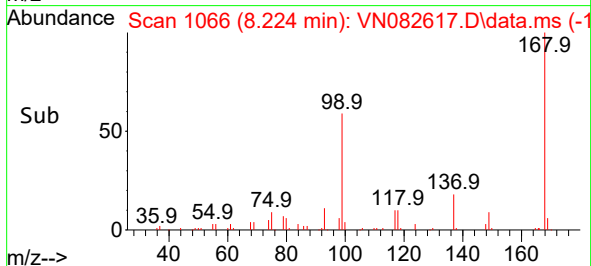
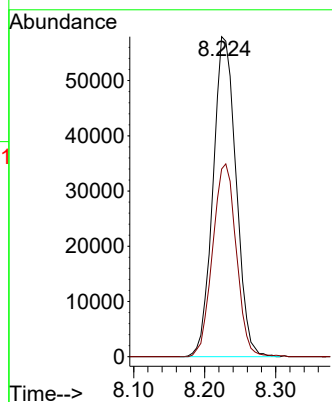
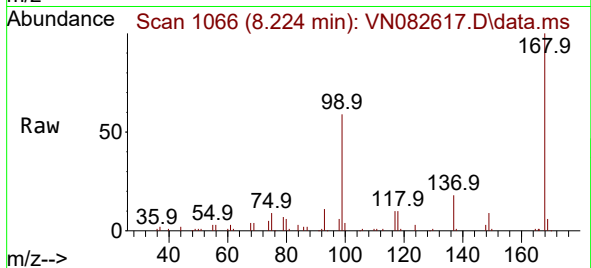
WCS-TPJ

Tgt Ion:168 Resp: 130772

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



#16

Acetone

Concen: 21.980 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN082617.D

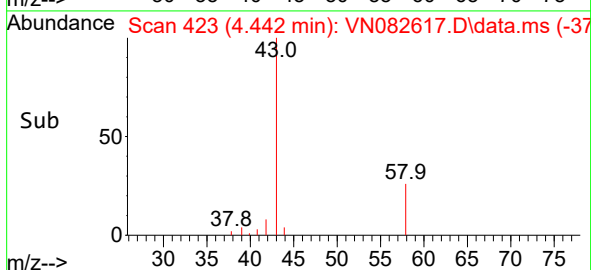
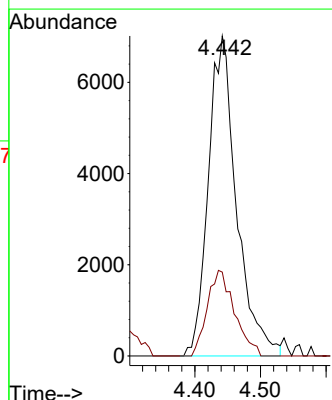
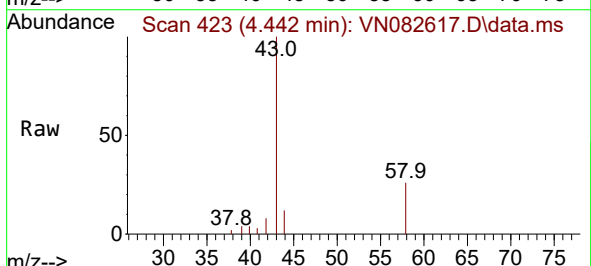
Acq: 17 Jun 2024 18:38

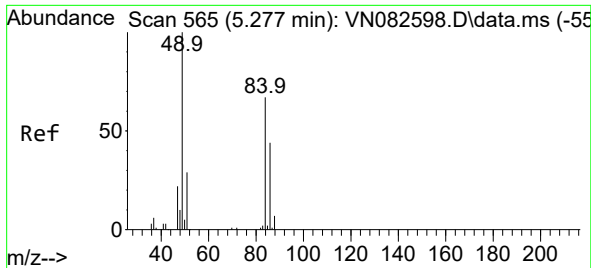
Tgt Ion: 43 Resp: 20963

Ion Ratio Lower Upper

43 100

58 26.2 21.8 32.6

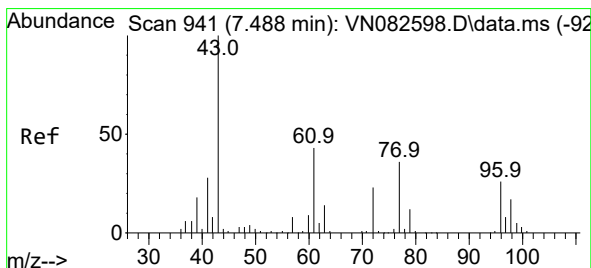
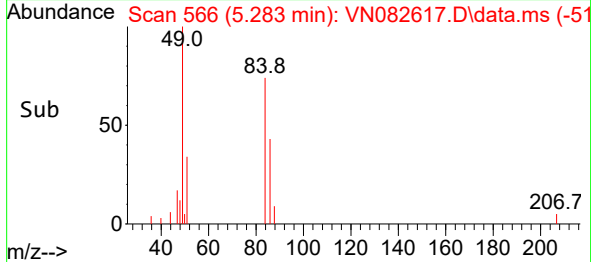
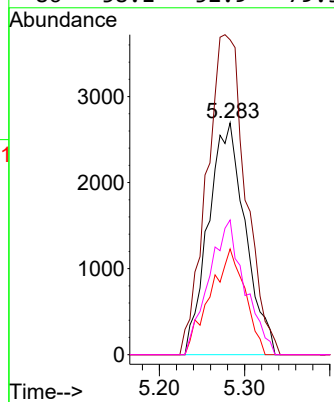
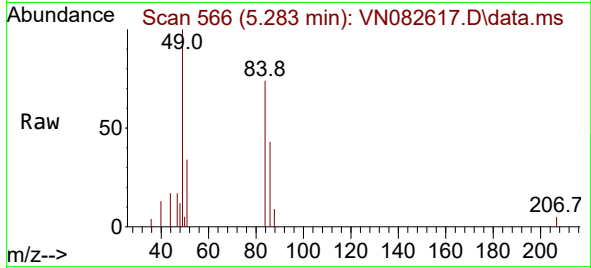




#20
Methylene Chloride
Concen: 4.850 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082617.D
Acq: 17 Jun 2024 18:38

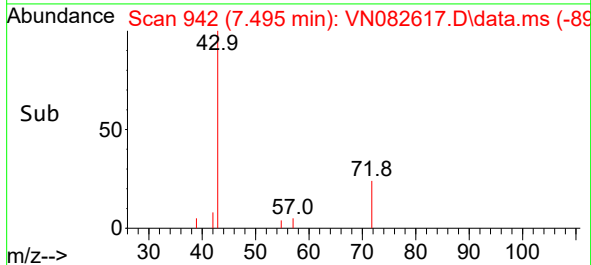
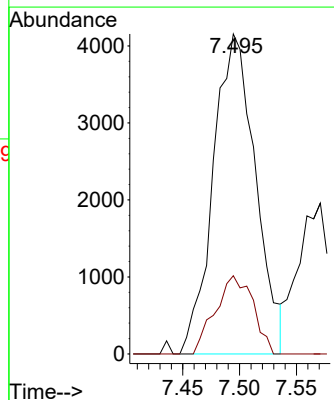
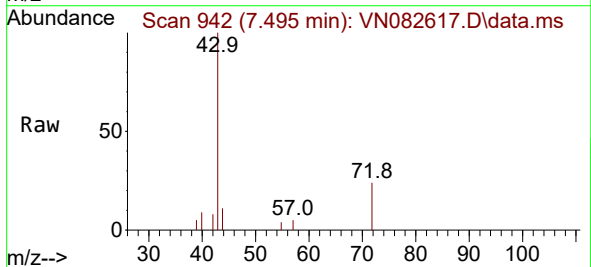
Instrument :
MSVOA_N
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WCS-TPJ

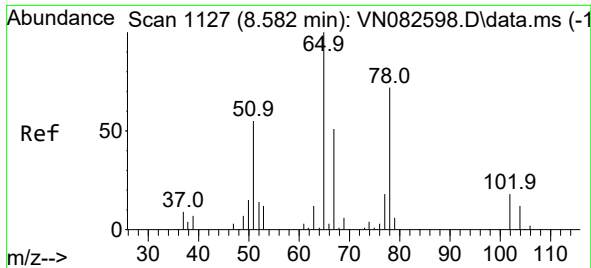
Tgt Ion:	84	Resp:	8133
Ion	Ratio	Lower	Upper
84	100		
49	135.8	119.6	179.4
51	45.6	34.8	52.2
86	58.1	52.9	79.3



#25
2-Butanone
Concen: 7.929 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082617.D
Acq: 17 Jun 2024 18:38

Tgt Ion:	43	Resp:	10749
Ion	Ratio	Lower	Upper
43	100		
72	24.4	18.2	27.2

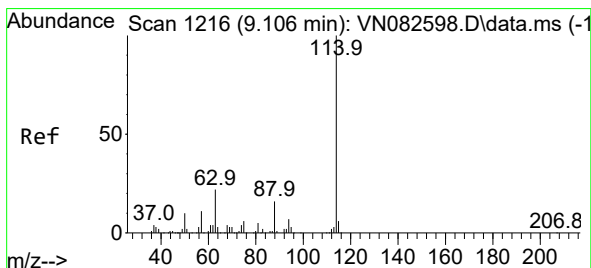
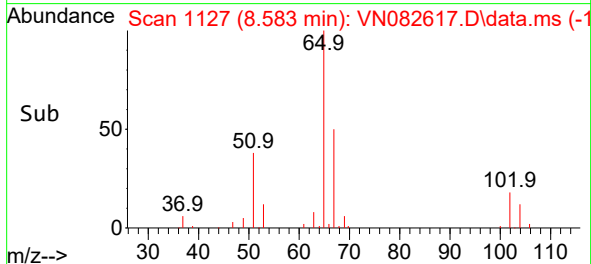
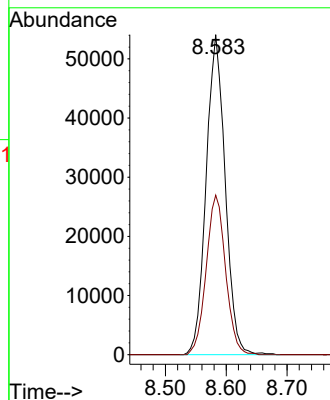
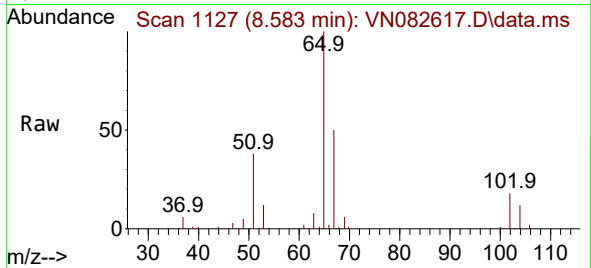




#33
 1,2-Dichloroethane-d4
 Concen: 56.113 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082617.D
 Acq: 17 Jun 2024 18:38

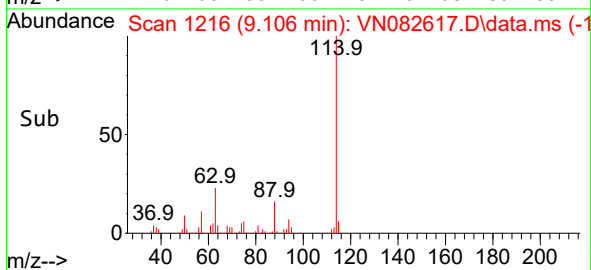
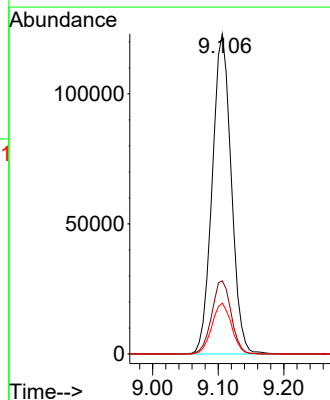
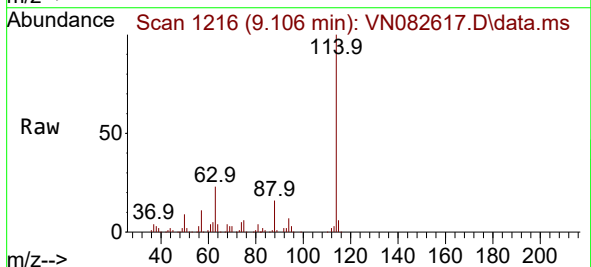
Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPJ

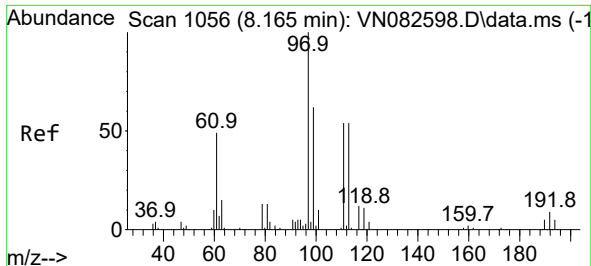
Tgt Ion: 65 Resp: 117675
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082617.D
 Acq: 17 Jun 2024 18:38

Tgt Ion: 114 Resp: 247442
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.6
 88 15.9 0.0 31.4

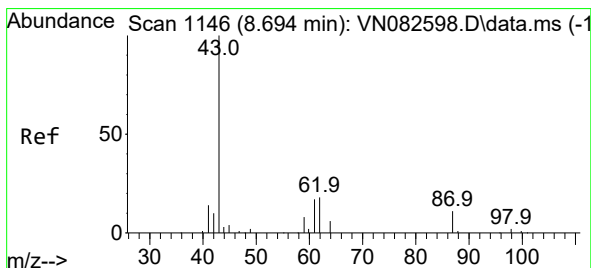
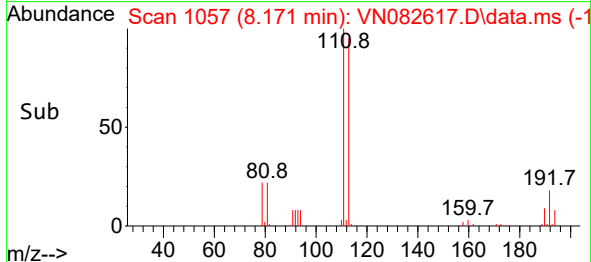
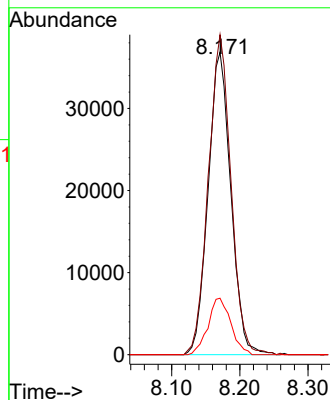
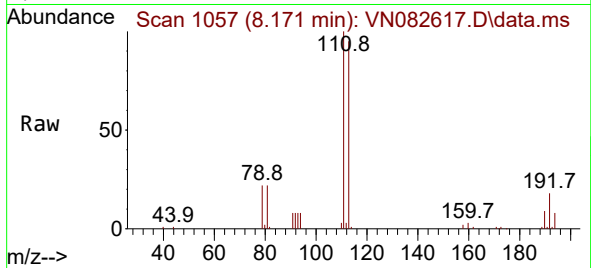




#35
Dibromofluoromethane
Concen: 50.911 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN082617.D
Acq: 17 Jun 2024 18:38

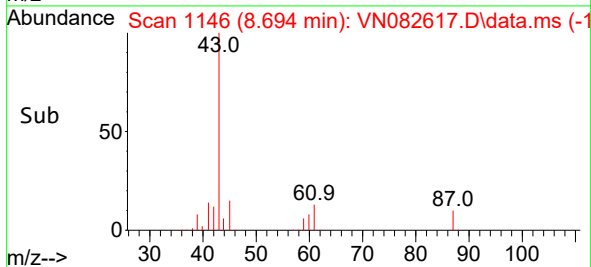
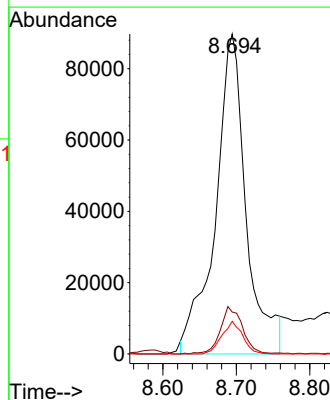
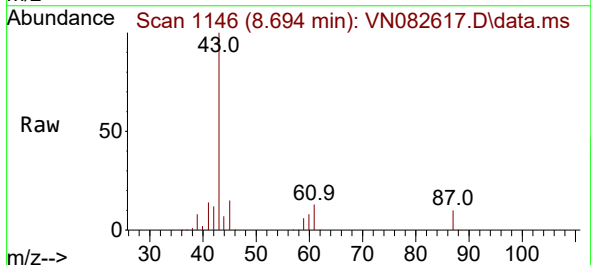
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPJ

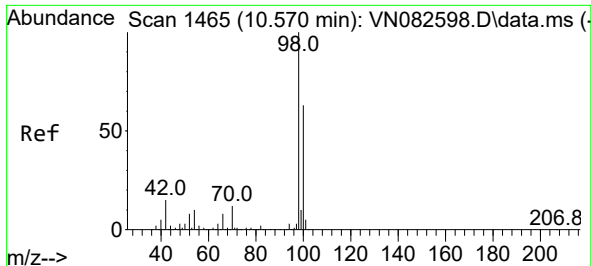
Tgt Ion:113 Resp: 85461
Ion Ratio Lower Upper
113 100
111 105.4 82.4 123.6
192 18.7 14.9 22.3



#43
Isopropyl Acetate
Concen: 43.749 ug/l m
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082617.D
Acq: 17 Jun 2024 18:38

Tgt Ion: 43 Resp: 261341
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

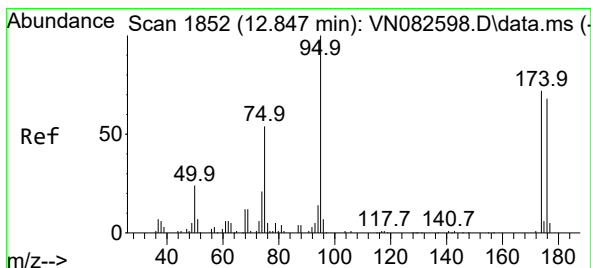
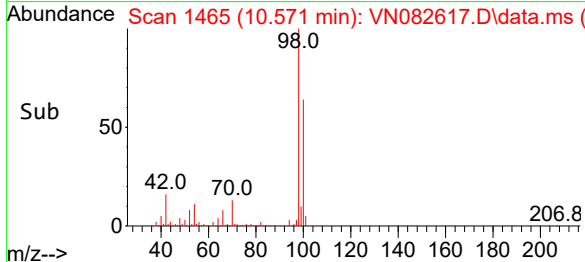
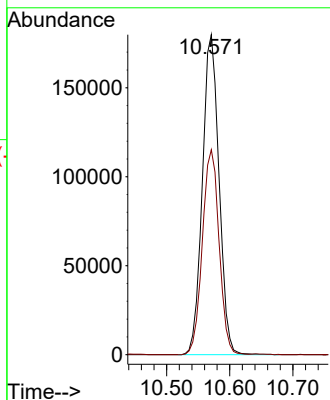
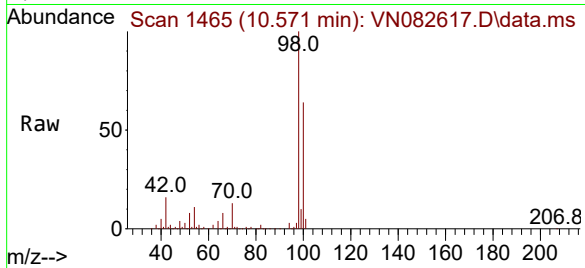




#50
Toluene-d8
Concen: 51.929 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082617.D
Acq: 17 Jun 2024 18:38

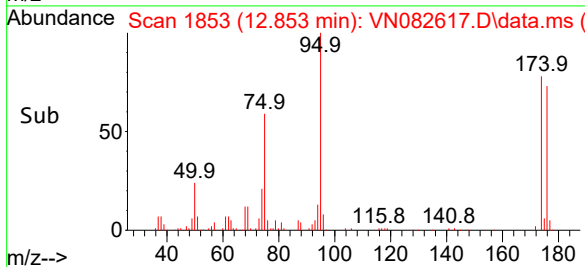
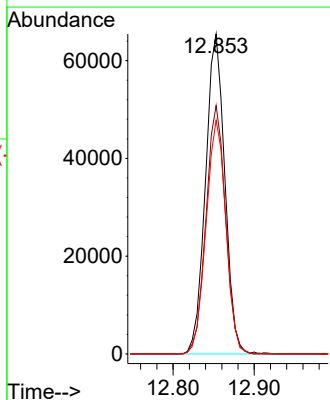
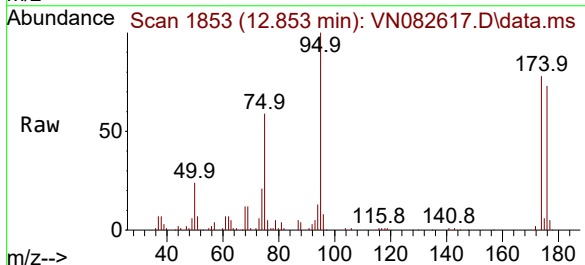
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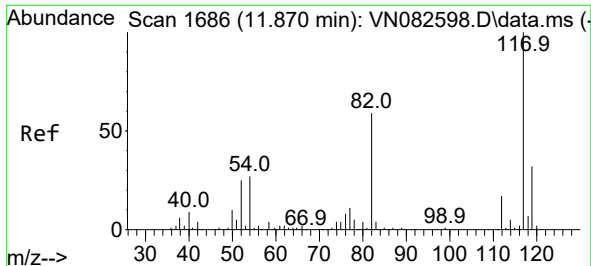
Tgt Ion: 98 Resp: 329640
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.328 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082617.D
Acq: 17 Jun 2024 18:38

Tgt Ion: 95 Resp: 107957
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.2
176 74.9 0.0 147.6

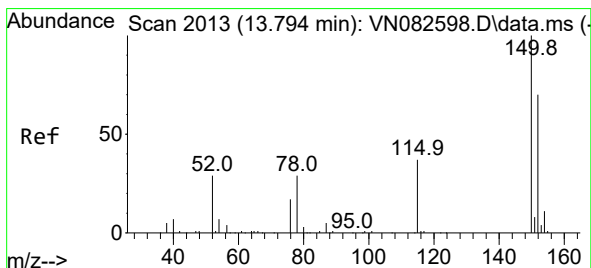
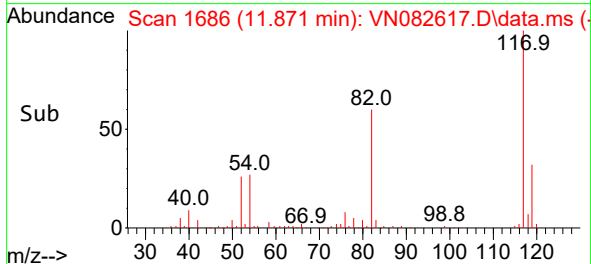
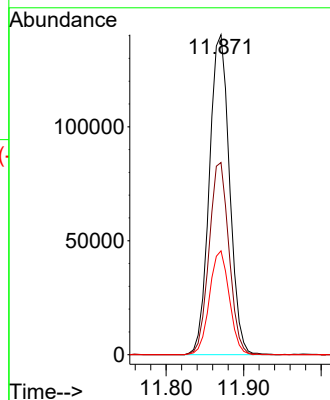
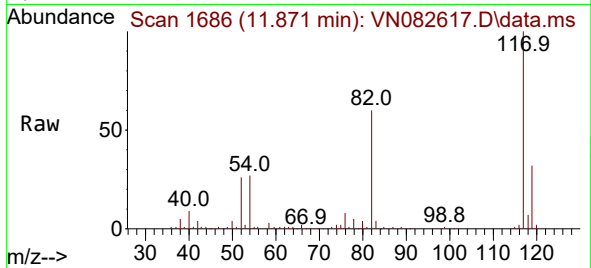




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082617.D
Acq: 17 Jun 2024 18:38

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPJ

Tgt Ion:117 Resp: 254092
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 32.4 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: VN082617.D
Acq: 17 Jun 2024 18:38

Tgt Ion:152 Resp: 103301
Ion Ratio Lower Upper
152 100
115 60.5 30.6 91.6
150 157.1 0.0 348.6

