

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082645.D
 Acq On : 19 Jun 2024 16:50
 Operator : JC\MD
 Sample : P2916-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPF

Quant Time: Jun 20 03:03:08 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)

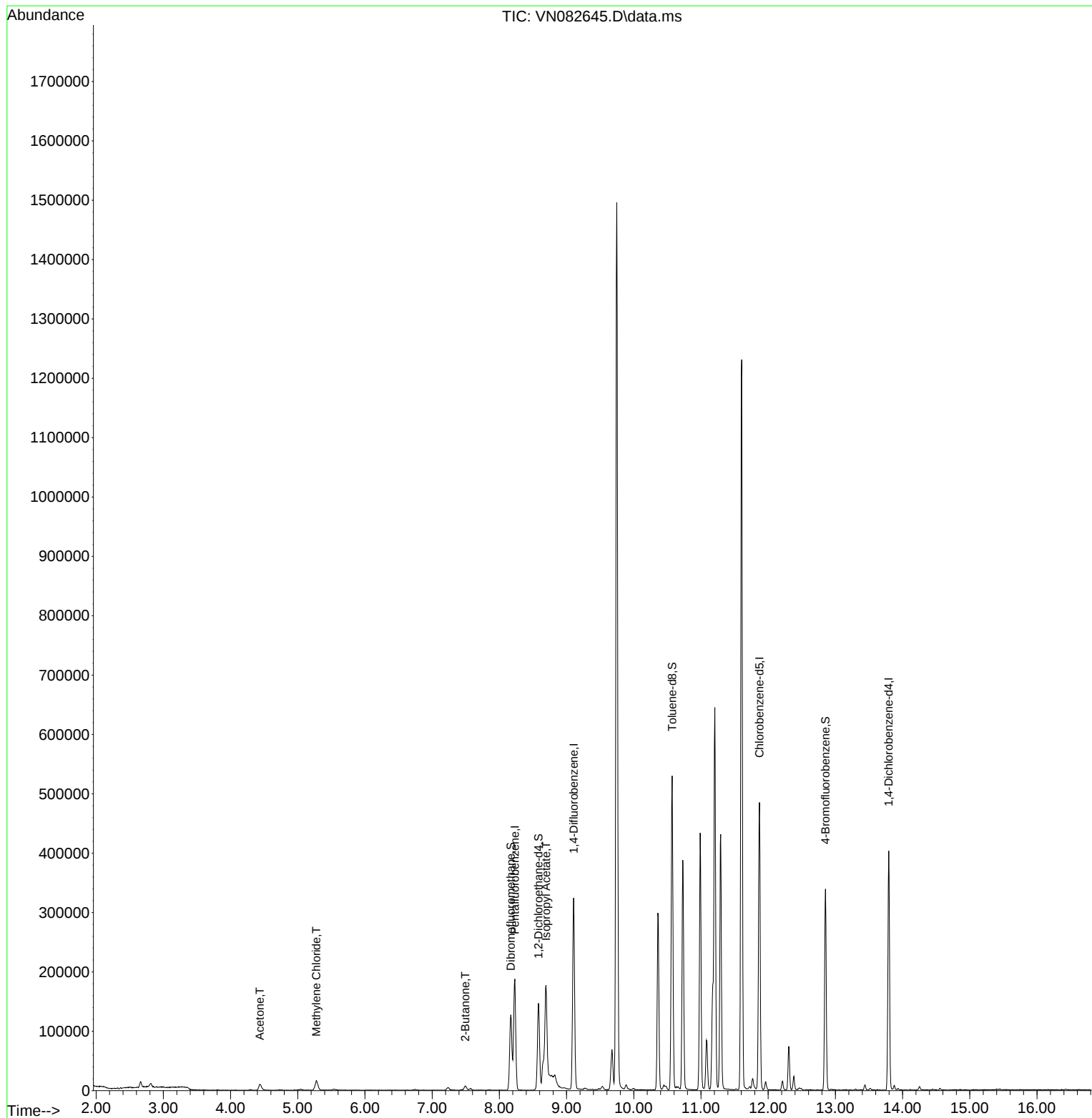
Internal Standards						
1) Pentafluorobenzene	8.229	168	130640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	258191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118520	56.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.140%
35) Dibromofluoromethane	8.171	113	88510	52.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.700%
50) Toluene-d8	10.570	98	332025	51.929	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.853	95	106610	48.363	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.720%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	20479	21.494	ug/l	93
20) Methylene Chloride	5.277	84	10882	6.496	ug/l	95
25) 2-Butanone	7.494	43	12677	9.361	ug/l	95
43) Isopropyl Acetate	8.694	43	254737	42.338	ug/l #	82

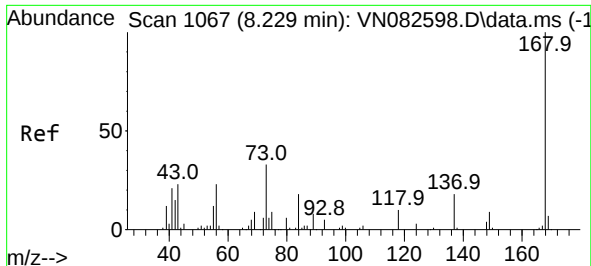
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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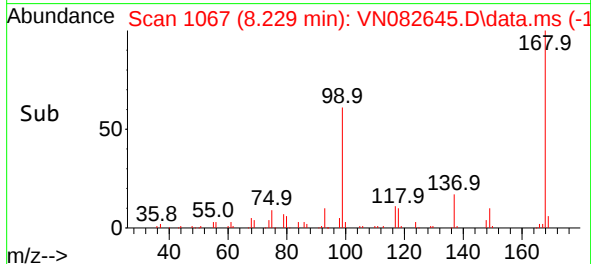
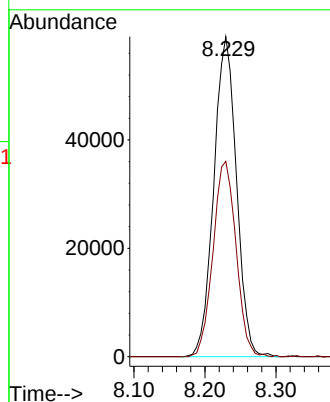
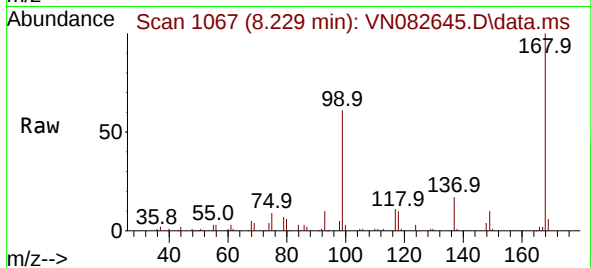




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082645.D
Acq: 19 Jun 2024 16:50

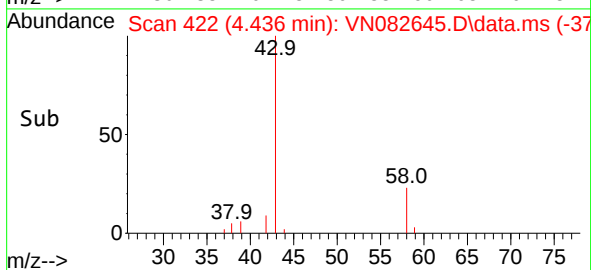
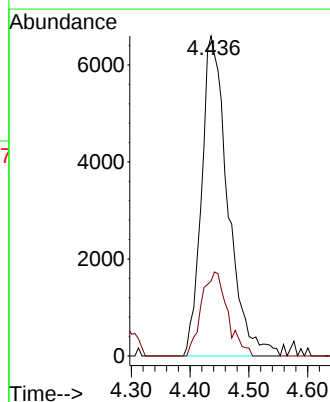
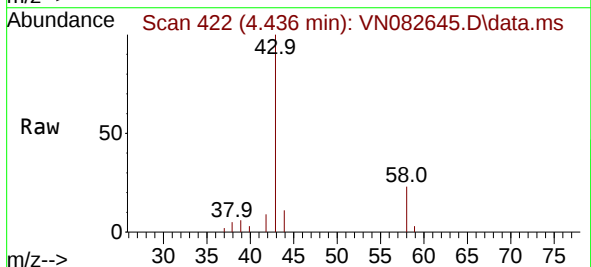
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPF

Tgt Ion:168 Resp: 130640
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#16
Acetone
Concen: 21.494 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082645.D
Acq: 19 Jun 2024 16:50

Tgt Ion: 43 Resp: 20479
Ion Ratio Lower Upper
43 100
58 23.4 21.8 32.6

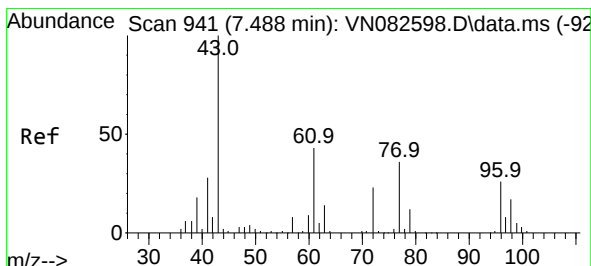
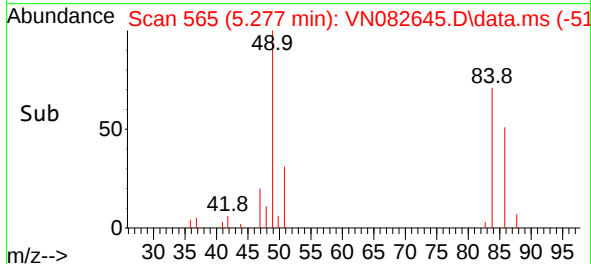
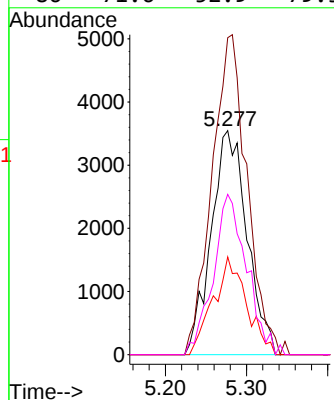
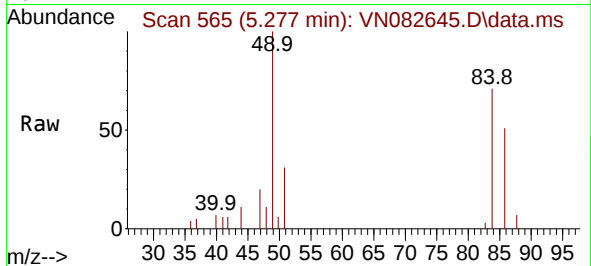




#20
Methylene Chloride
Concen: 6.496 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082645.D
Acq: 19 Jun 2024 16:50

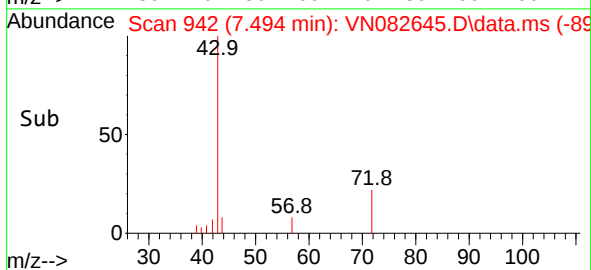
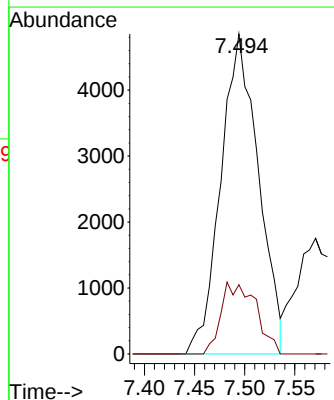
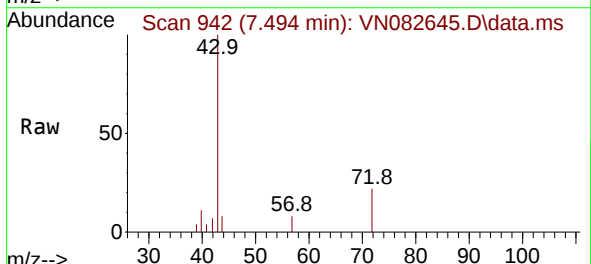
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPF

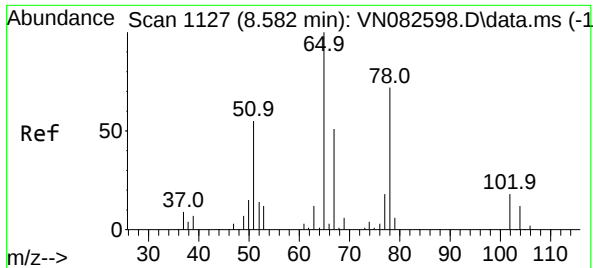
Tgt Ion:	84	Resp:	10882
Ion	Ratio	Lower	Upper
84	100		
49	141.5	119.6	179.4
51	43.7	34.8	52.2
86	71.6	52.9	79.3



#25
2-Butanone
Concen: 9.361 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082645.D
Acq: 19 Jun 2024 16:50

Tgt Ion:	43	Resp:	12677
Ion	Ratio	Lower	Upper
43	100		
72	20.1	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 56.573 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082645.D

Acq: 19 Jun 2024 16:50

Instrument :

MSVOA_N

ClientSampleId :

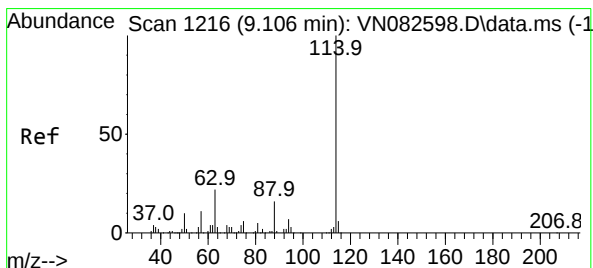
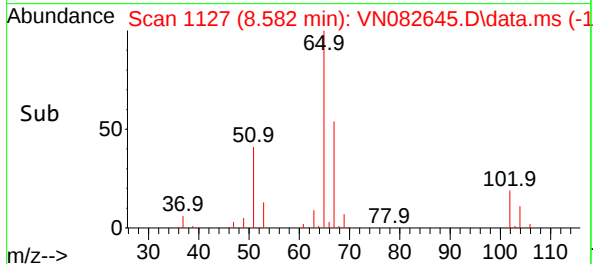
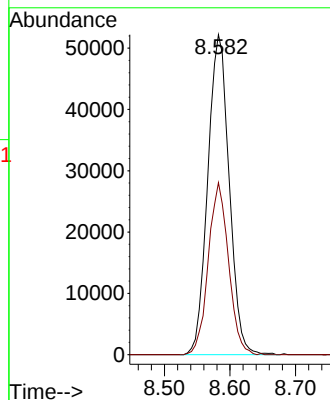
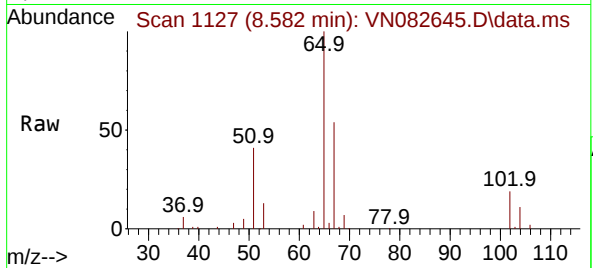
WCS-TPF

Tgt Ion: 65 Resp: 118520

Ion Ratio Lower Upper

65 100

67 50.8 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: VN082645.D

Acq: 19 Jun 2024 16:50

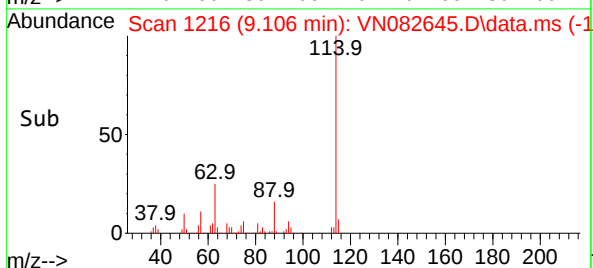
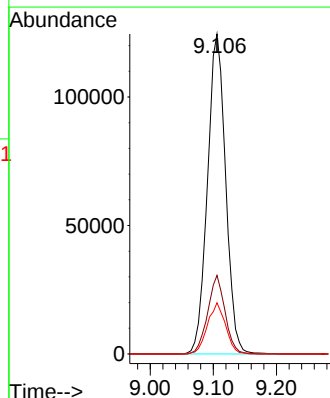
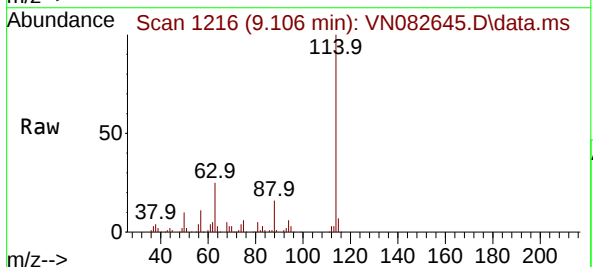
Tgt Ion: 114 Resp: 249229

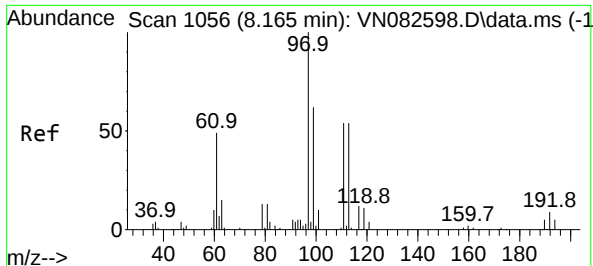
Ion Ratio Lower Upper

114 100

63 24.6 0.0 44.6

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.350 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082645.D

Acq: 19 Jun 2024 16:50

Instrument :

MSVOA_N

ClientSampleId :

WCS-TPF

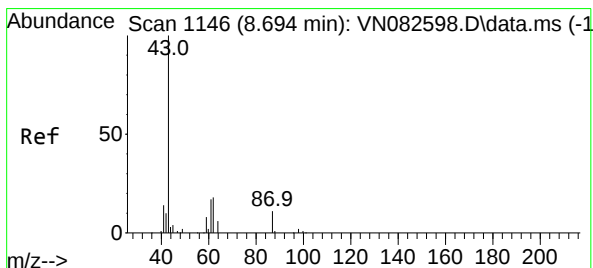
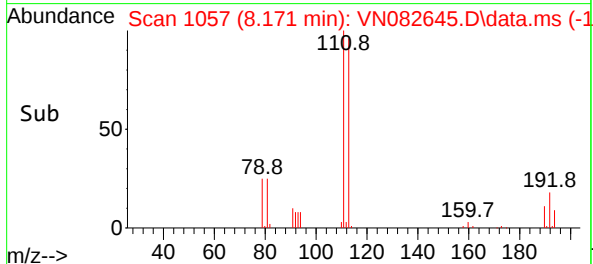
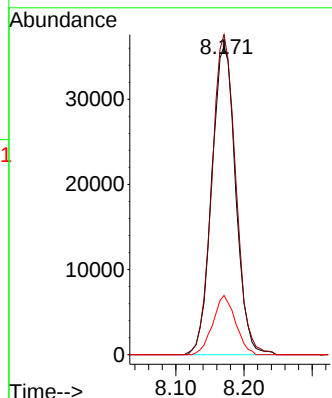
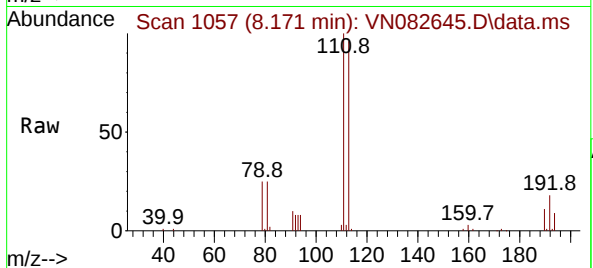
Tgt Ion:113 Resp: 88510

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 18.1 14.9 22.3



#43

Isopropyl Acetate

Concen: 42.338 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082645.D

Acq: 19 Jun 2024 16:50

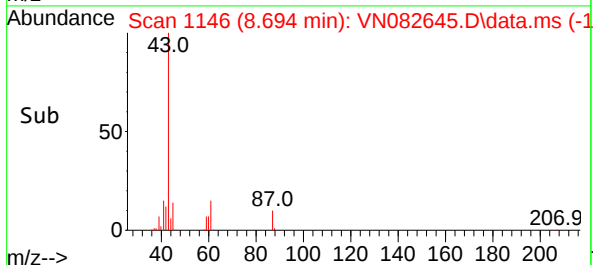
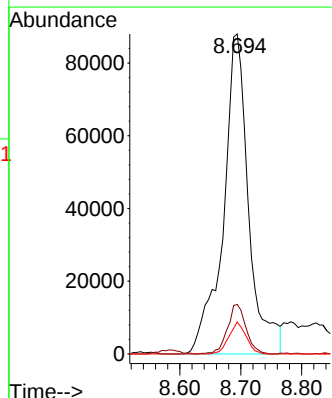
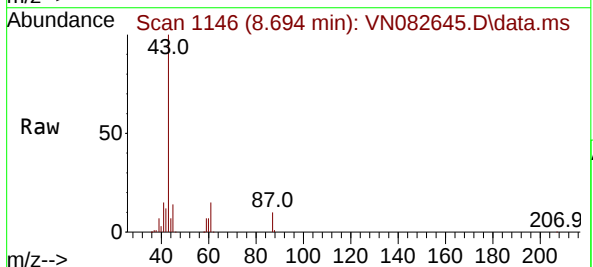
Tgt Ion: 43 Resp: 254737

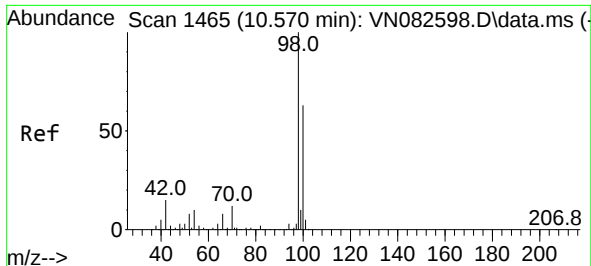
Ion Ratio Lower Upper

43 100

61 11.4 17.8 26.6#

87 6.7 8.2 12.2#

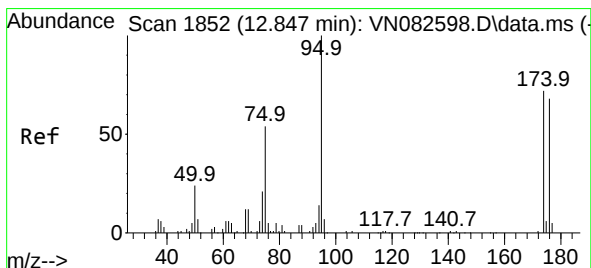
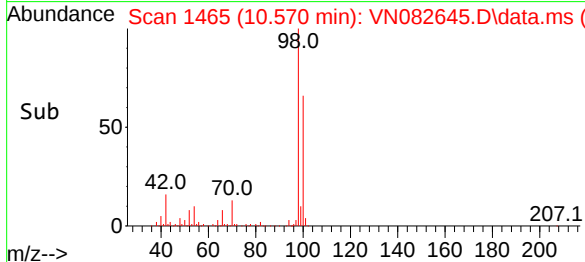
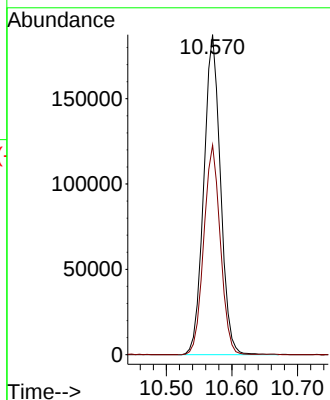
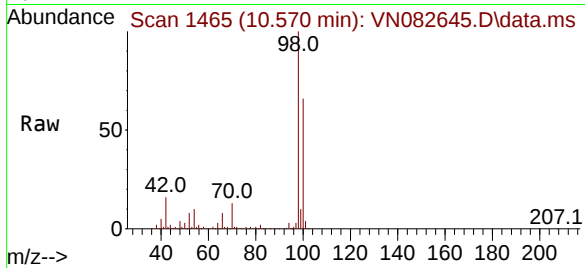




#50
Toluene-d8
Concen: 51.929 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082645.D
Acq: 19 Jun 2024 16:50

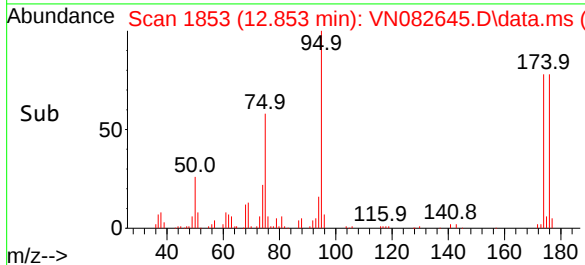
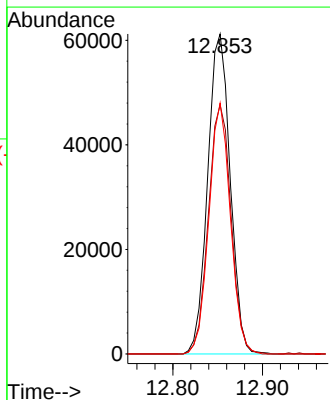
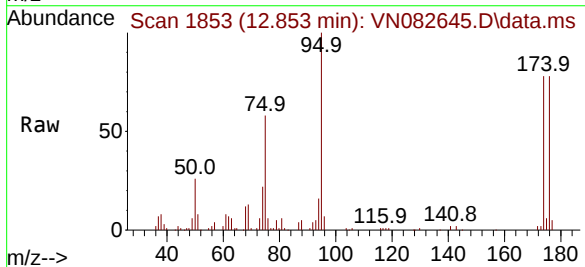
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPF

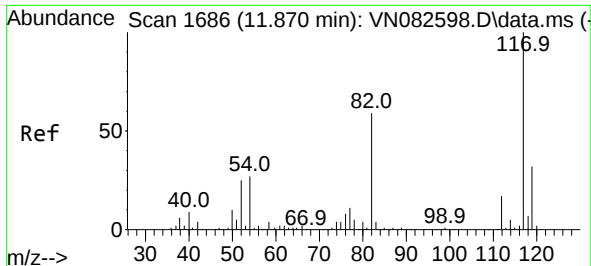
Tgt Ion: 98 Resp: 332025
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.363 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082645.D
Acq: 19 Jun 2024 16:50

Tgt Ion: 95 Resp: 106610
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 74.9 0.0 147.6

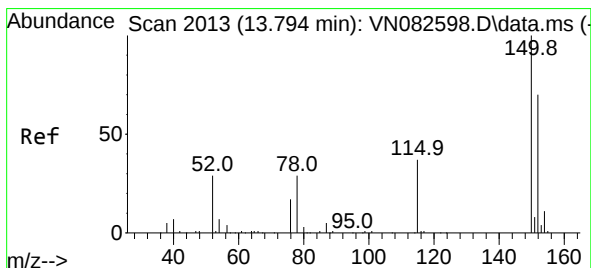
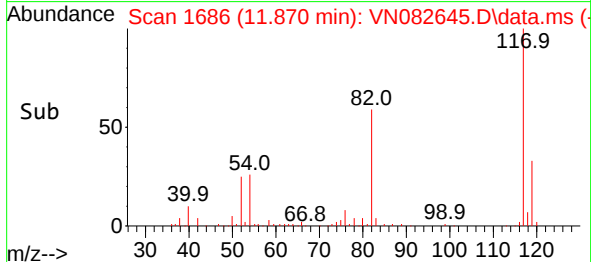
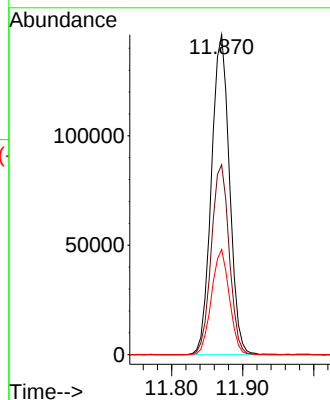
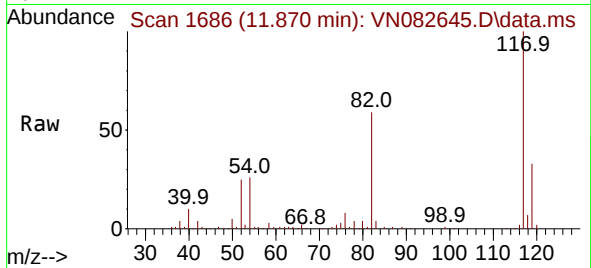




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082645.D
Acq: 19 Jun 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPF

Tgt Ion:117 Resp: 258191
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 32.9 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: VN082645.D
Acq: 19 Jun 2024 16:50

Tgt Ion:152 Resp: 100794
Ion Ratio Lower Upper
152 100
115 60.9 30.6 91.6
150 159.4 0.0 348.6

