

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082445.D
 Acq On : 03 Jun 2024 19:40
 Operator : JC\MD
 Sample : P2683-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Jun 04 00:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

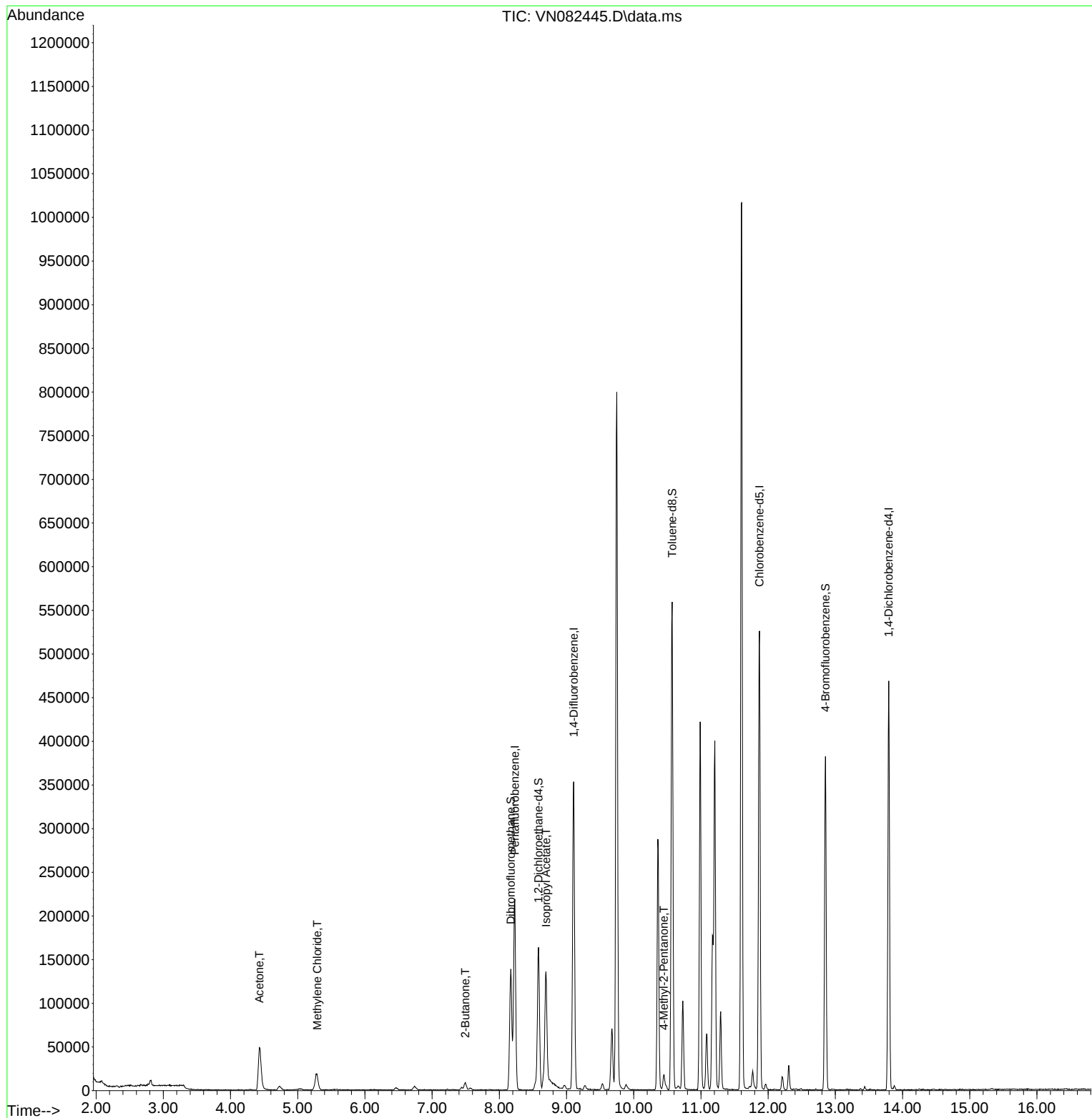
Internal Standards						
1) Pentafluorobenzene	8.230	168	149112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	273971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131972	56.051	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.100%
35) Dibromofluoromethane	8.171	113	94781	55.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.820%
50) Toluene-d8	10.571	98	364950	56.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.320%
62) 4-Bromofluorobenzene	12.853	95	120817	52.085	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	104.180%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	94832	98.184	ug/l	90
20) Methylene Chloride	5.289	84	12955	6.648	ug/l #	78
25) 2-Butanone	7.494	43	14032	9.582	ug/l	90
43) Isopropyl Acetate	8.694	43	188612	33.456	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	16393	5.118	ug/l #	79

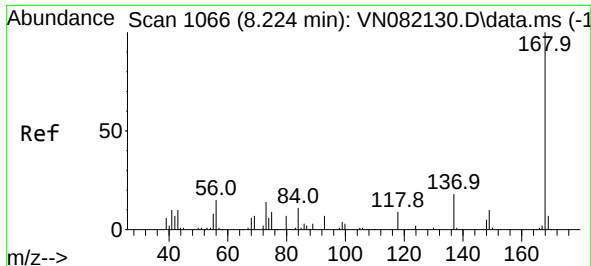
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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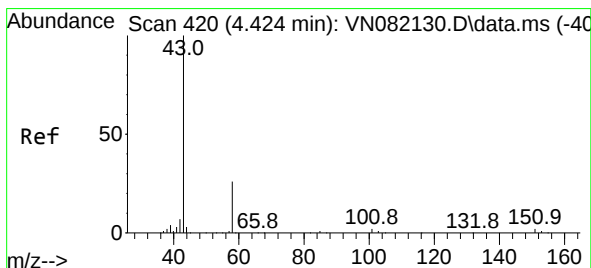
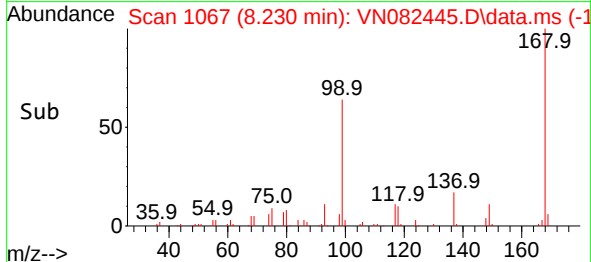
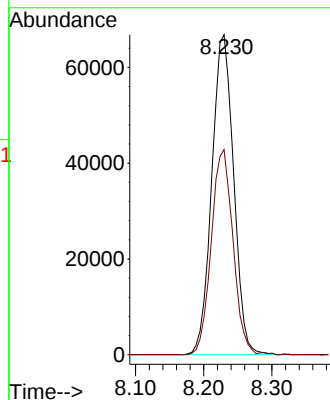
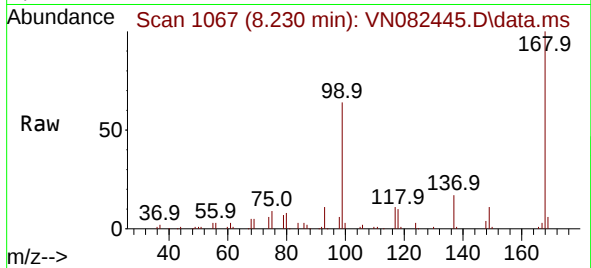




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

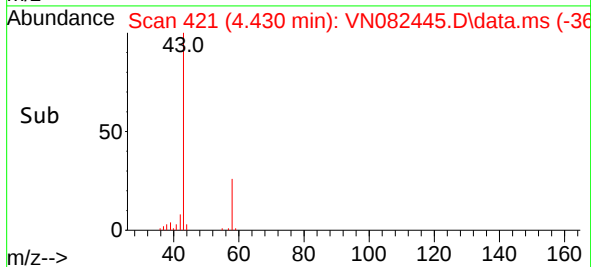
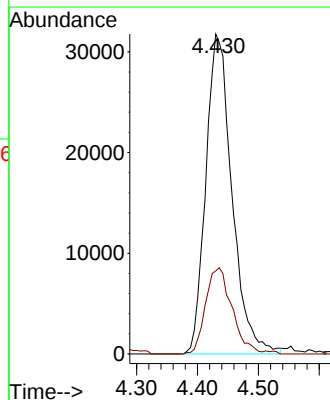
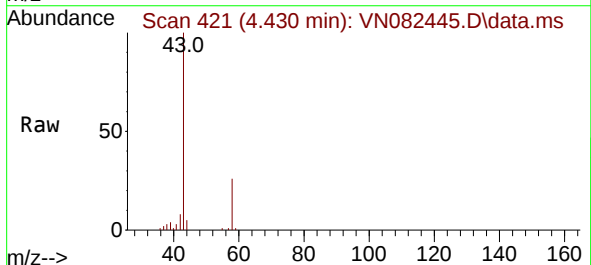
Instrument :
MSVOA_N
ClientSampleId :
WC-4

Tgt Ion:168 Resp: 149112
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4



#16
Acetone
Concen: 98.184 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 43 Resp: 94832
Ion Ratio Lower Upper
43 100
58 26.0 25.2 37.8

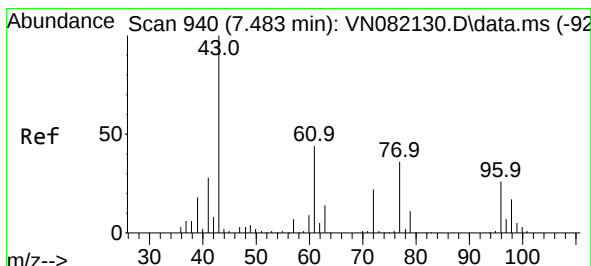
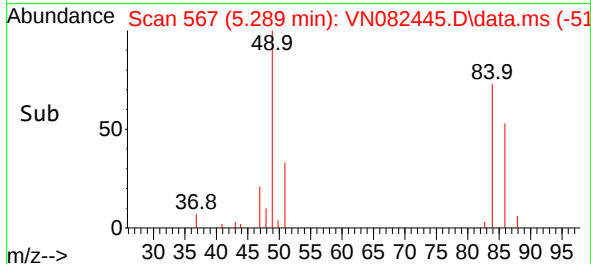
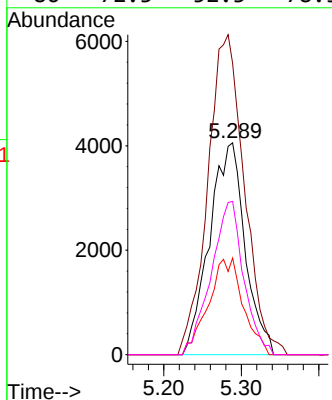
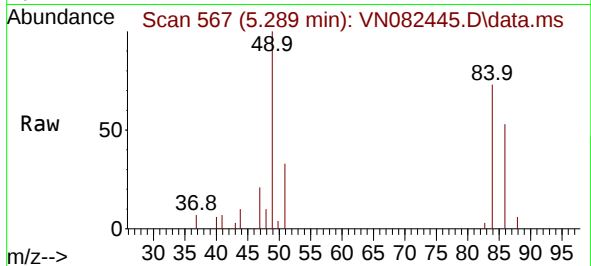




#20
Methylene Chloride
Concen: 6.648 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

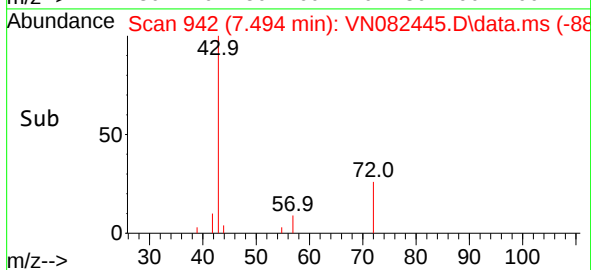
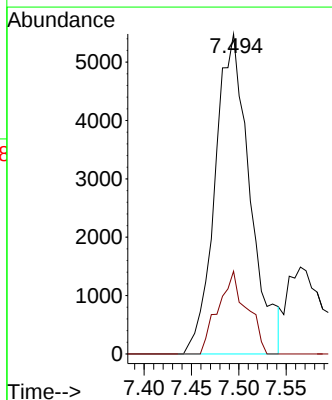
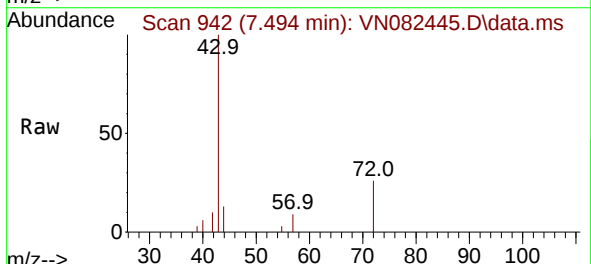
Instrument :
MSVOA_N
ClientSampleId :
WC-4

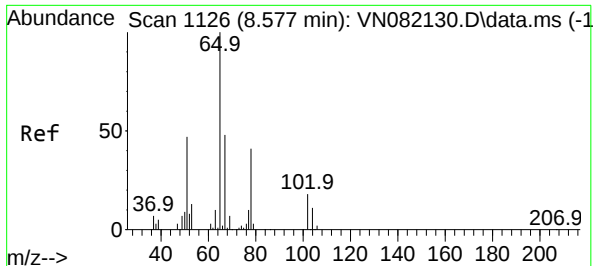
Tgt Ion: 84	Resp: 12955
Ion Ratio	Lower Upper
84	100
49	137.6 84.9 127.3#
51	45.6 27.0 40.6#
86	72.3 52.3 78.5



#25
2-Butanone
Concen: 9.582 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 43	Resp: 14032
Ion Ratio	Lower Upper
43	100
72	25.9 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 56.051 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

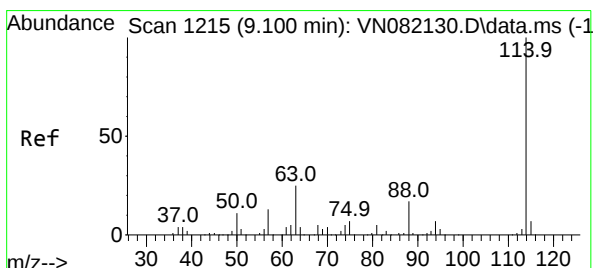
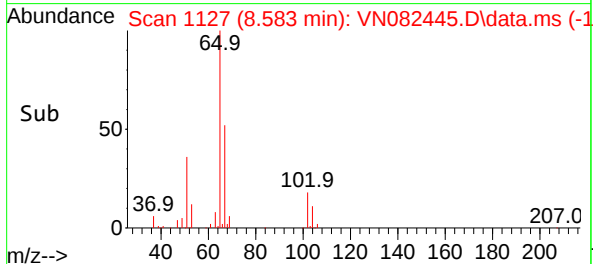
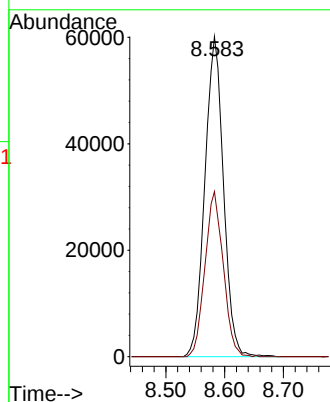
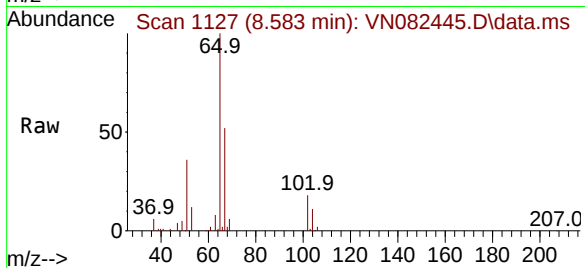
WC-4

Tgt Ion: 65 Resp: 131972

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

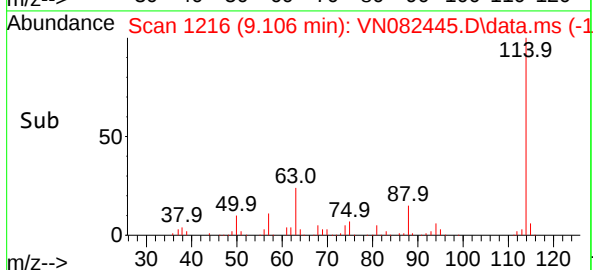
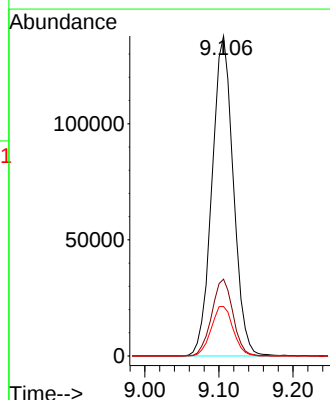
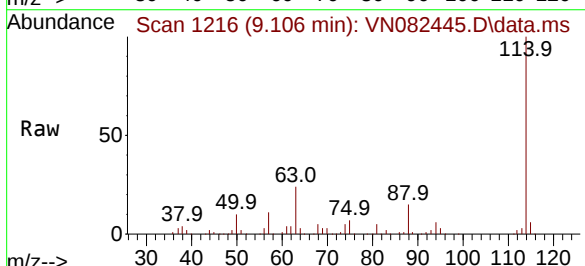
Tgt Ion: 114 Resp: 275557

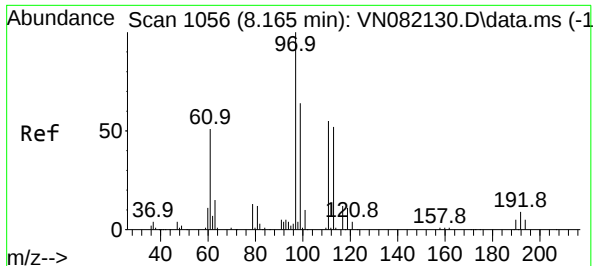
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.915 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

Instrument :

MSVOA_N

ClientSampleId :

WC-4

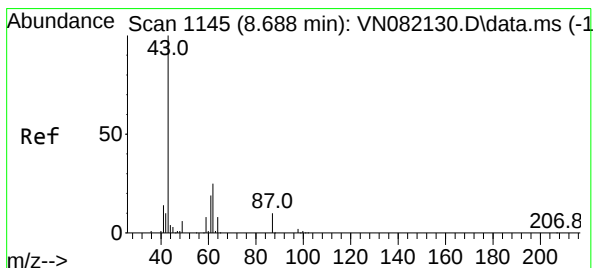
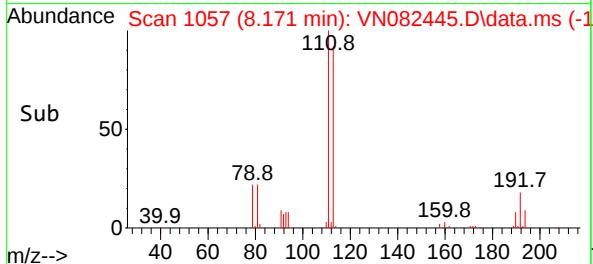
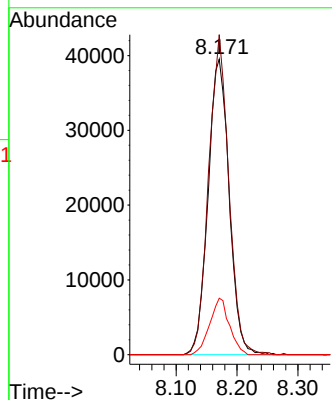
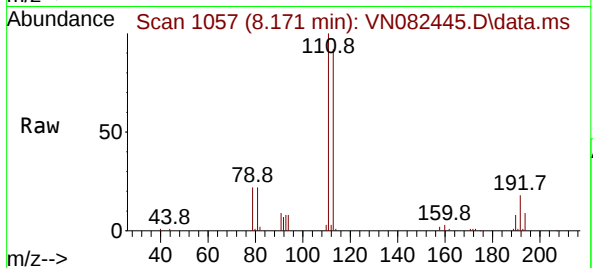
Tgt Ion:113 Resp: 94781

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 17.9 14.0 21.0



#43

Isopropyl Acetate

Concen: 33.456 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082445.D

Acq: 03 Jun 2024 19:40

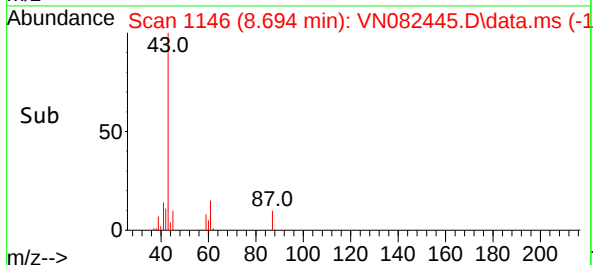
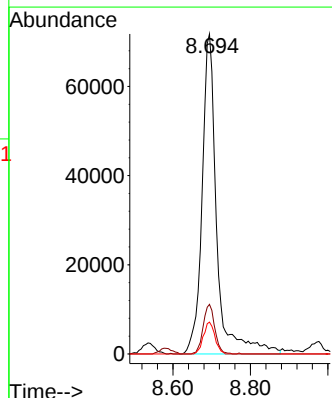
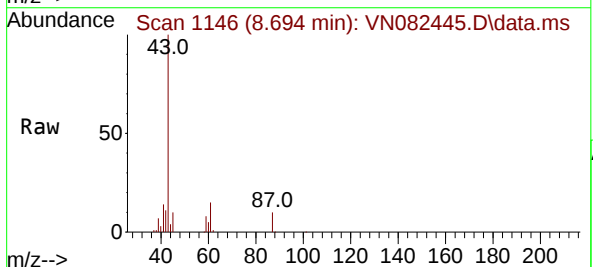
Tgt Ion: 43 Resp: 188612

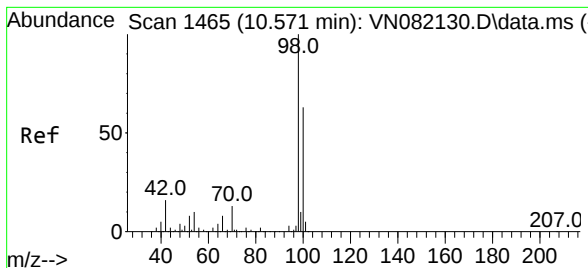
Ion Ratio Lower Upper

43 100

61 12.2 22.8 34.2#

87 7.8 12.0 18.0#

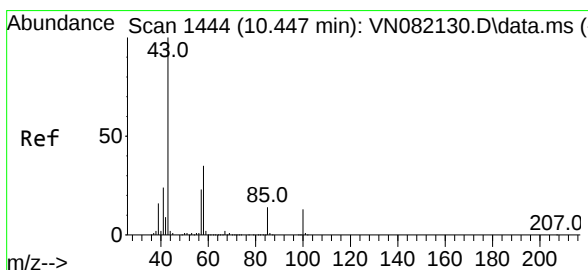
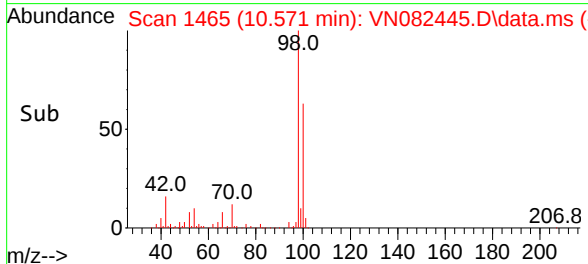
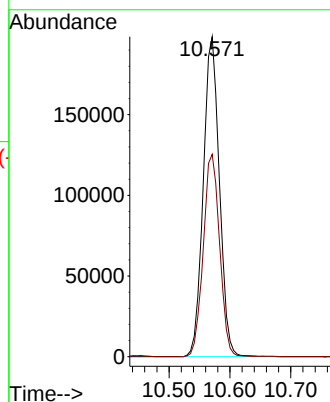
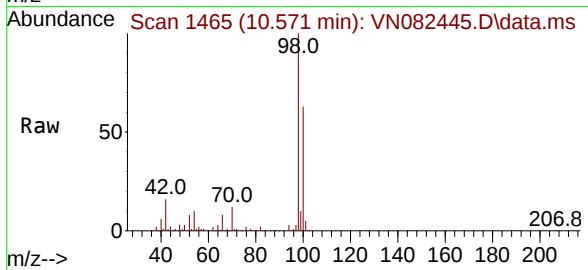




#50
Toluene-d8
Concen: 56.156 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

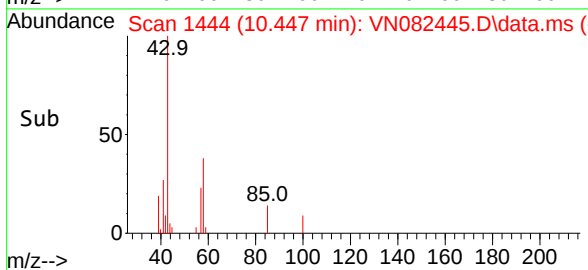
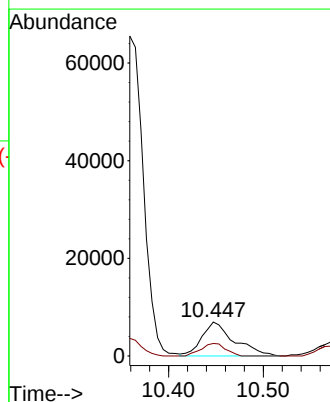
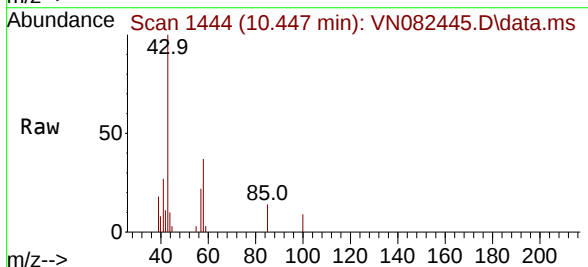
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WC-4

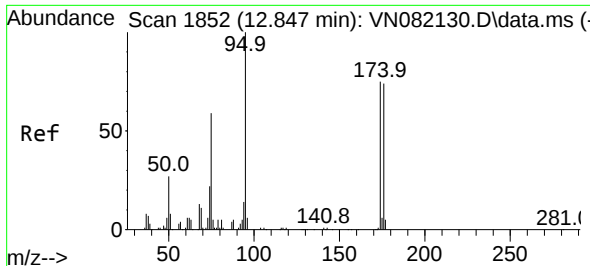
Tgt Ion: 98 Resp: 364950
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.118 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 43 Resp: 16393
Ion Ratio Lower Upper
43 100
58 28.1 33.2 49.8#

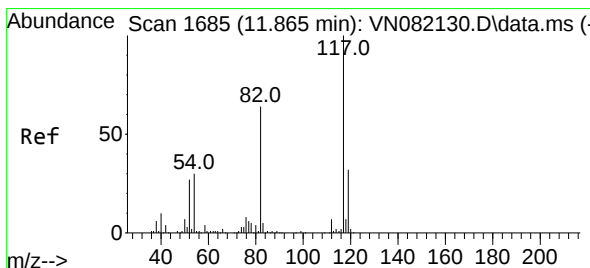
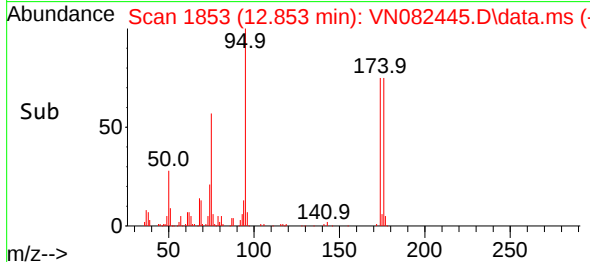
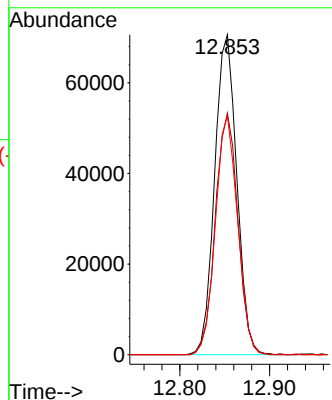
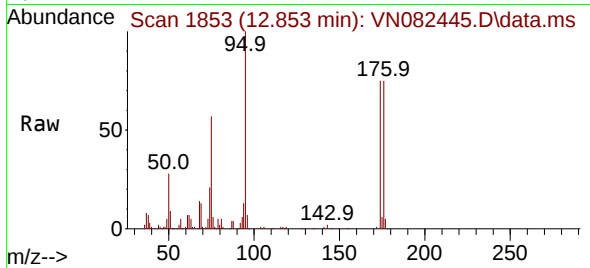




#62
4-Bromofluorobenzene
Concen: 52.085 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

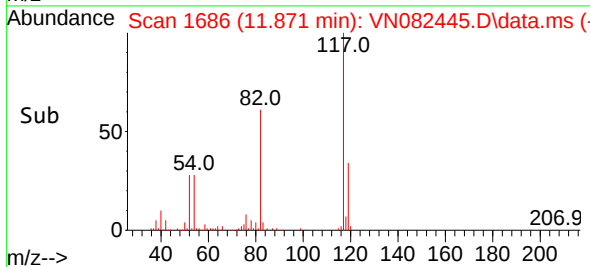
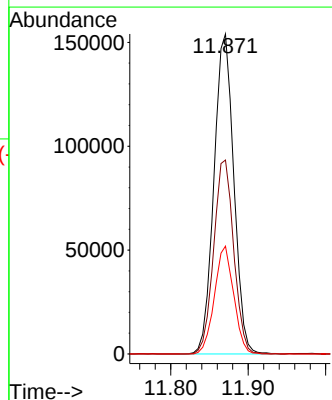
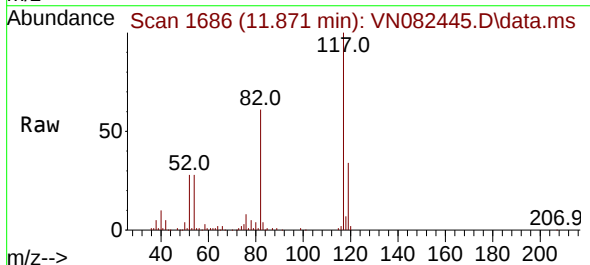
Instrument :
MSVOA_N
ClientSampleId :
WC-4

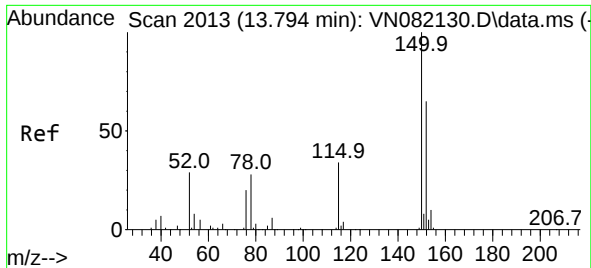
Tgt Ion: 95 Resp: 120817
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.6
176 75.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082445.D
Acq: 03 Jun 2024 19:40

Tgt Ion: 117 Resp: 273971
Ion Ratio Lower Upper
117 100
82 60.6 44.6 66.8
119 33.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082445.D
 Acq: 03 Jun 2024 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Tgt Ion:152 Resp: 115210
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.4 91.3
 150 160.0 0.0 353.2

