

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082443.D
 Acq On : 03 Jun 2024 18:51
 Operator : JC\MD
 Sample : P2668-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TP-1

Quant Time: Jun 04 00:34:13 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)

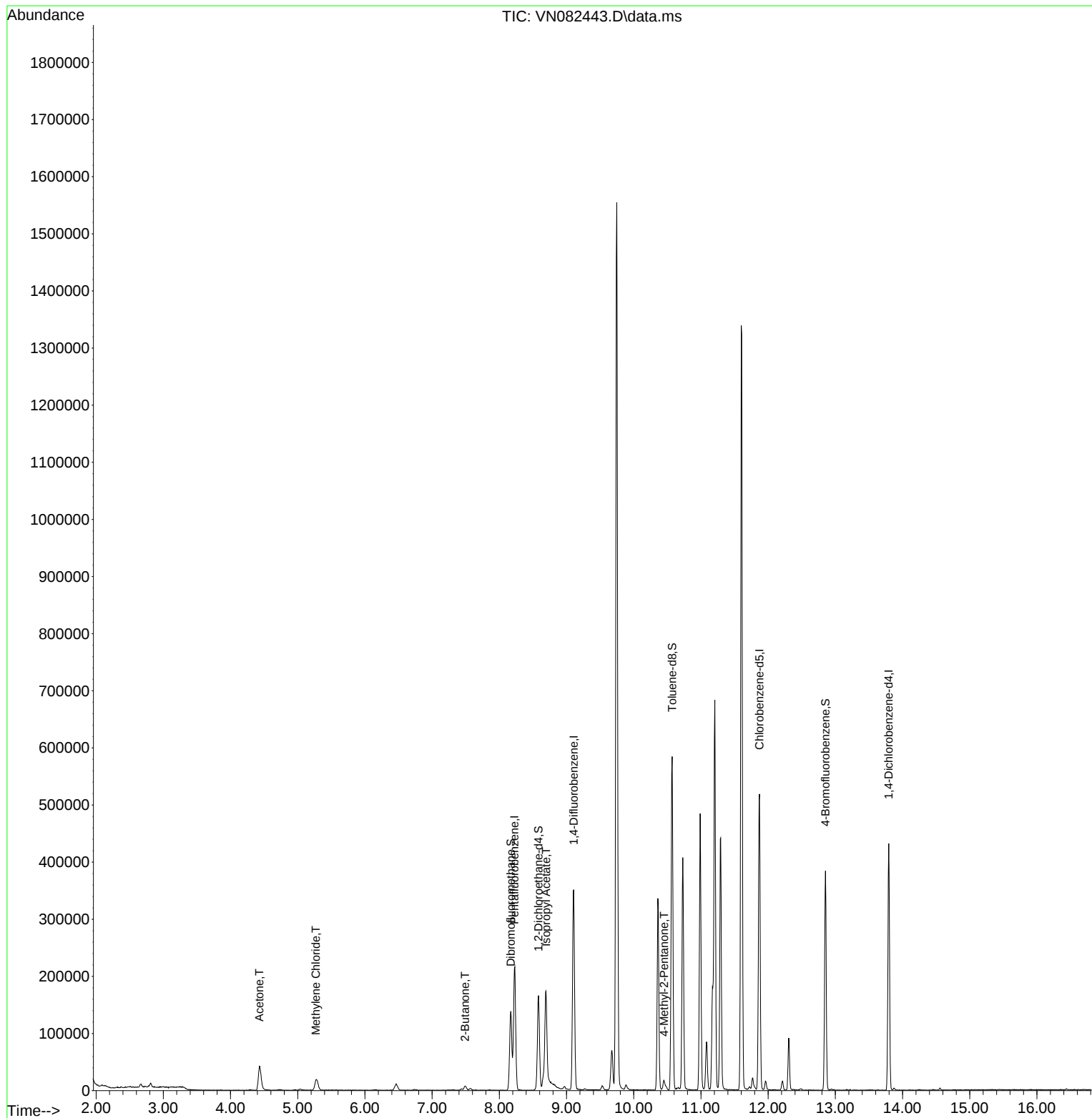
Internal Standards						
1) Pentafluorobenzene	8.224	168	149602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	273666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133385	56.465	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.940%
35) Dibromofluoromethane	8.171	113	94584	55.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.520%
50) Toluene-d8	10.571	98	371710	56.647	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.300%#
62) 4-Bromofluorobenzene	12.853	95	122037	52.106	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	104.220%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	81657	84.266	ug/l	93
20) Methylene Chloride	5.271	84	14383	7.356	ug/l #	73
25) 2-Butanone	7.489	43	12970	8.828	ug/l #	73
43) Isopropyl Acetate	8.694	43	252778	44.407	ug/l #	73
51) 4-Methyl-2-Pentanone	10.453	43	18236	5.639	ug/l #	70

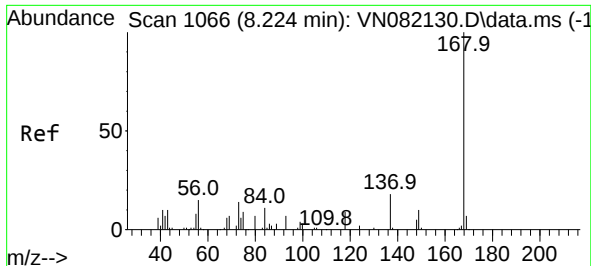
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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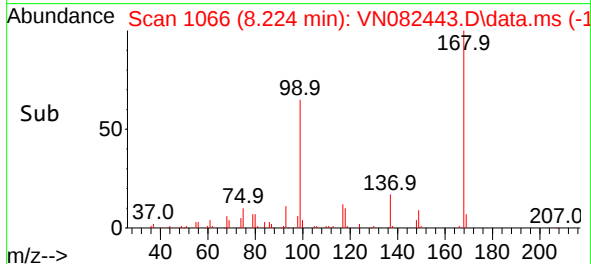
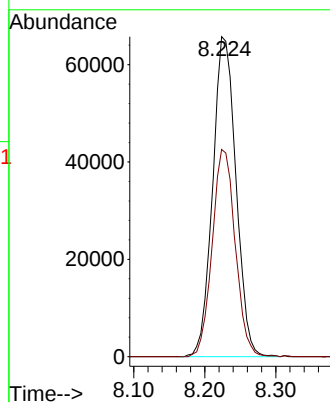
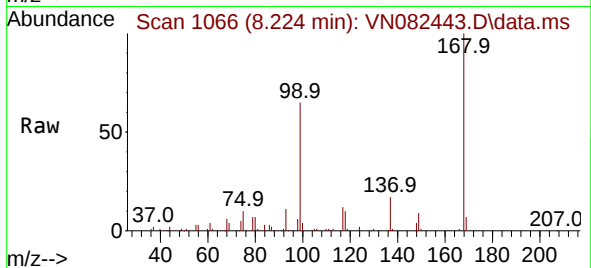




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082443.D
Acq: 03 Jun 2024 18:51

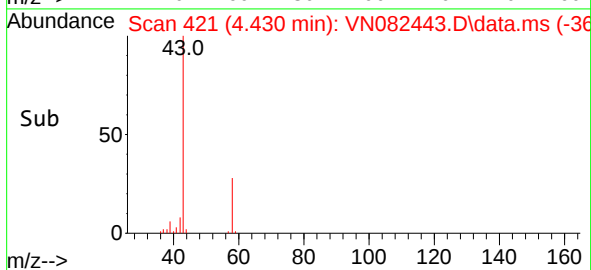
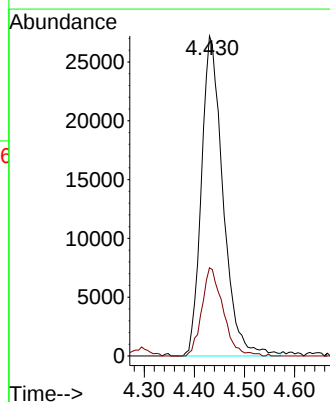
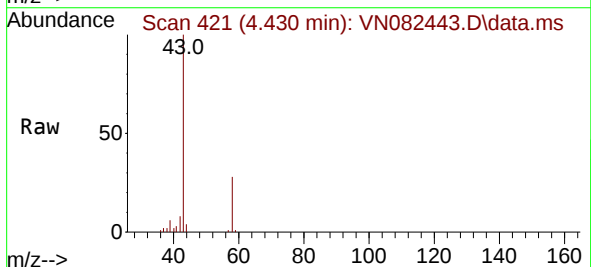
Instrument :
MSVOA_N
ClientSampleId :
WC-TP-1

Tgt Ion:168 Resp: 149602
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4



#16
Acetone
Concen: 84.266 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082443.D
Acq: 03 Jun 2024 18:51

Tgt Ion: 43 Resp: 81657
Ion Ratio Lower Upper
43 100
58 27.5 25.2 37.8

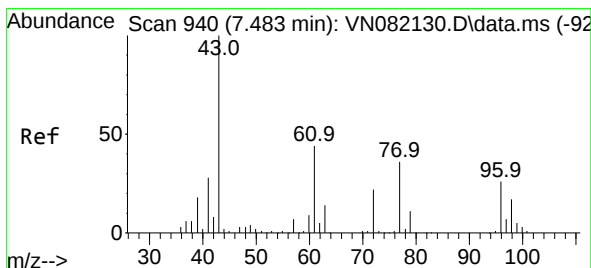
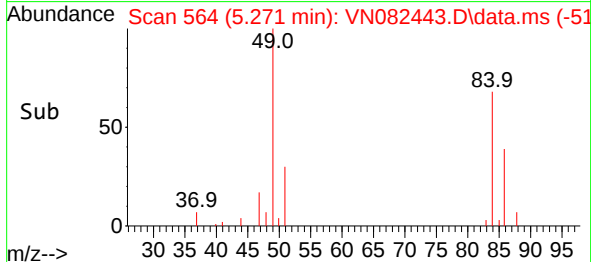
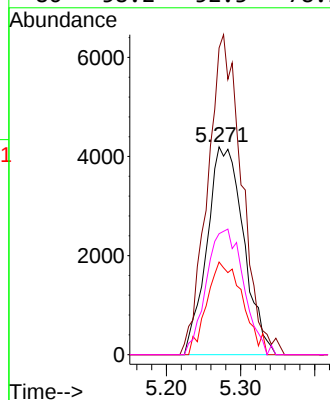
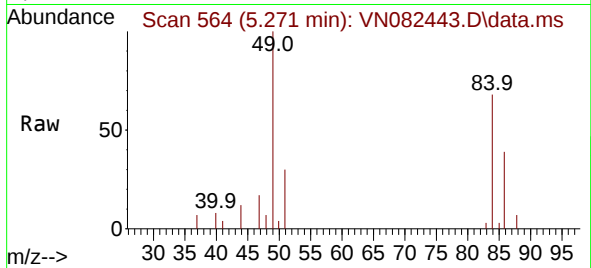




#20
Methylene Chloride
Concen: 7.356 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082443.D
Acq: 03 Jun 2024 18:51

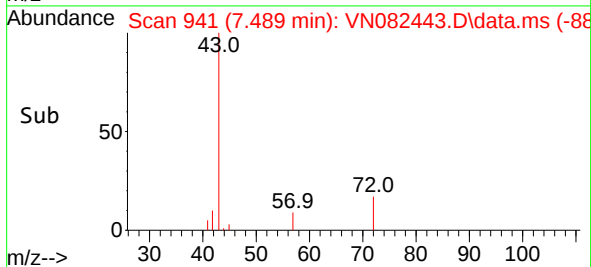
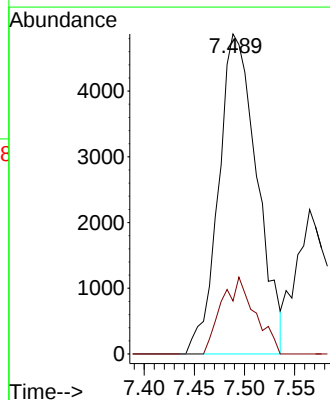
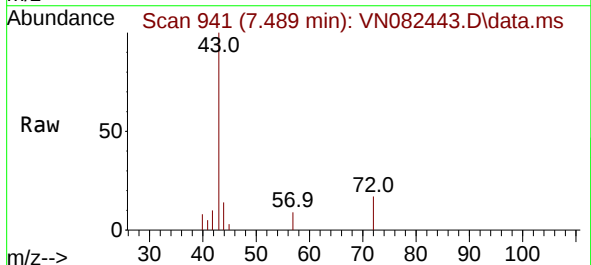
Instrument :
MSVOA_N
ClientSampleId :
WC-TP-1

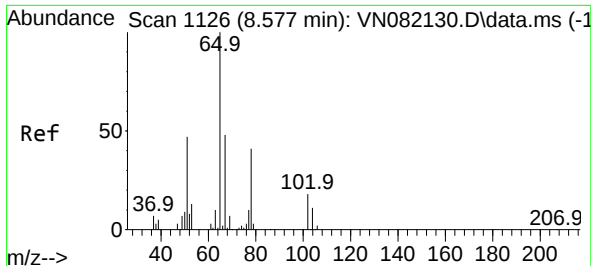
Tgt Ion:	84	Resp:	14383
Ion	Ratio	Lower	Upper
84	100		
49	147.6	84.9	127.3#
51	44.6	27.0	40.6#
86	58.2	52.3	78.5



#25
2-Butanone
Concen: 8.828 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082443.D
Acq: 03 Jun 2024 18:51

Tgt Ion:	43	Resp:	12970
Ion	Ratio	Lower	Upper
43	100		
72	16.6	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 56.465 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082443.D

Acq: 03 Jun 2024 18:51

Instrument :

MSVOA_N

ClientSampleId :

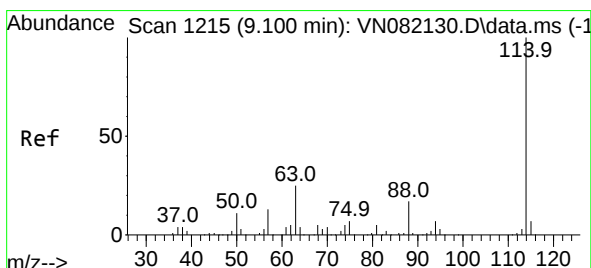
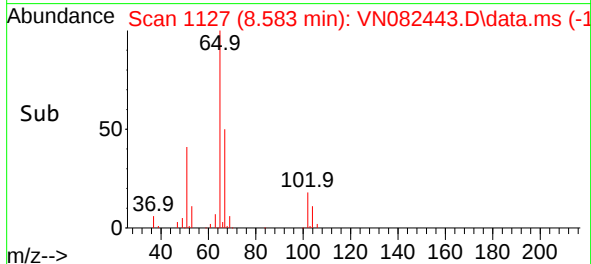
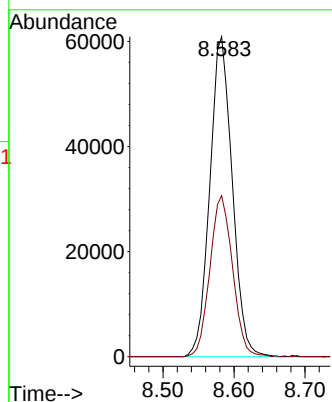
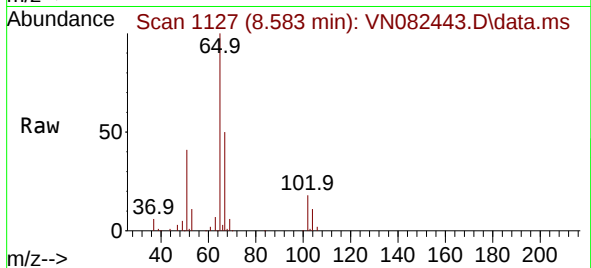
WC-TP-1

Tgt Ion: 65 Resp: 133385

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: VN082443.D

Acq: 03 Jun 2024 18:51

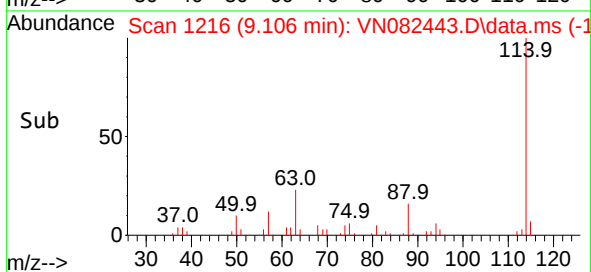
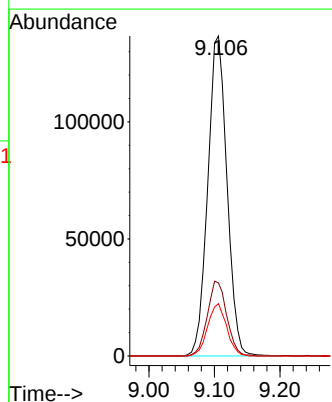
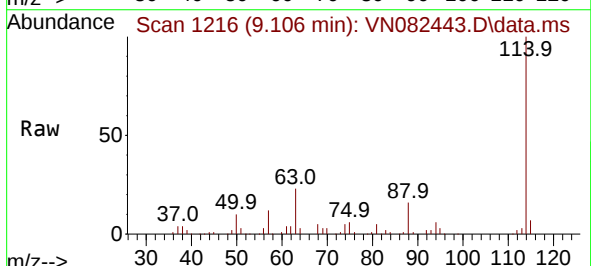
Tgt Ion: 114 Resp: 278230

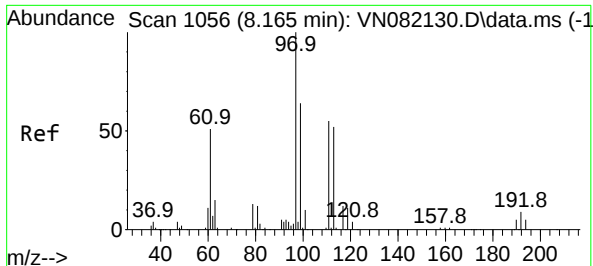
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.262 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082443.D

Acq: 03 Jun 2024 18:51

Instrument :

MSVOA_N

ClientSampleId :

WC-TP-1

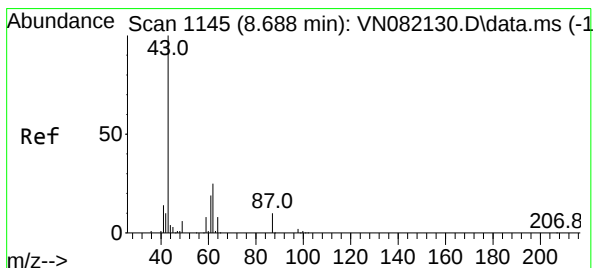
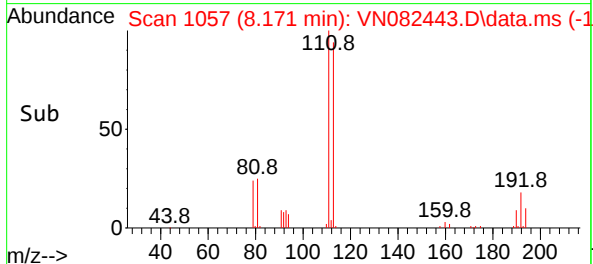
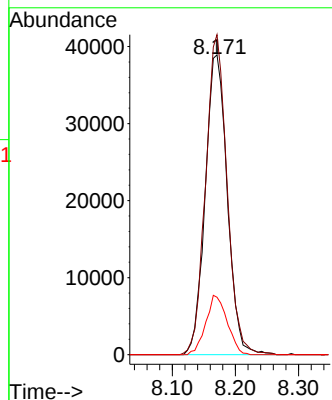
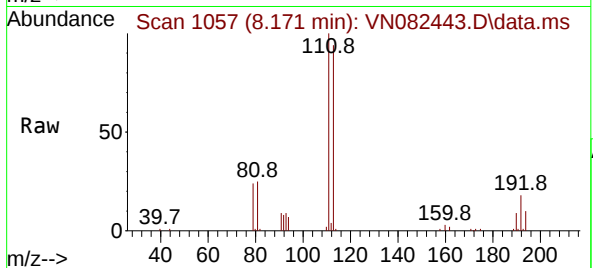
Tgt Ion:113 Resp: 94584

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 19.1 14.0 21.0



#43

Isopropyl Acetate

Concen: 44.407 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082443.D

Acq: 03 Jun 2024 18:51

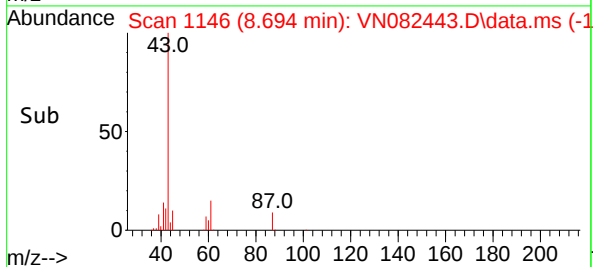
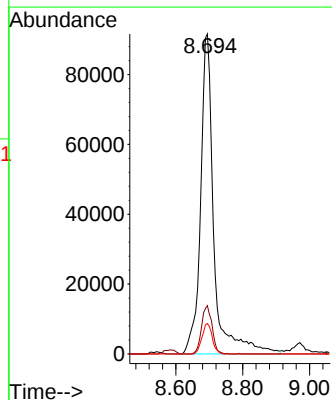
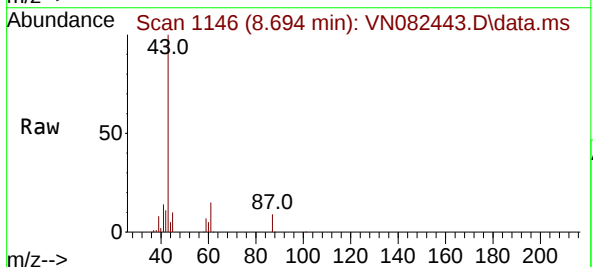
Tgt Ion: 43 Resp: 252778

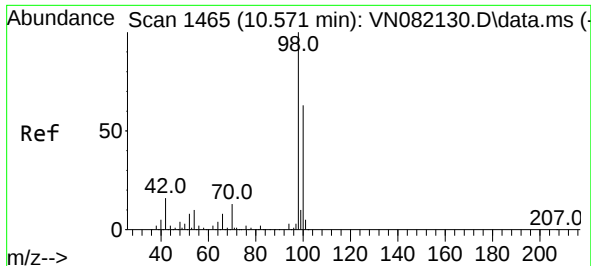
Ion Ratio Lower Upper

43 100

61 11.9 22.8 34.2#

87 7.3 12.0 18.0#

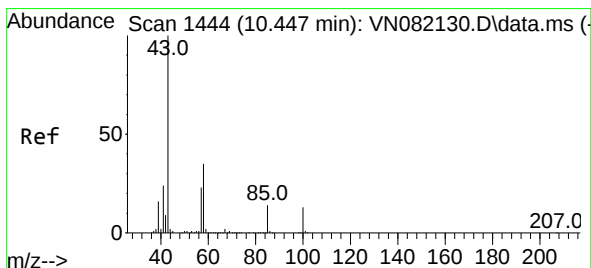
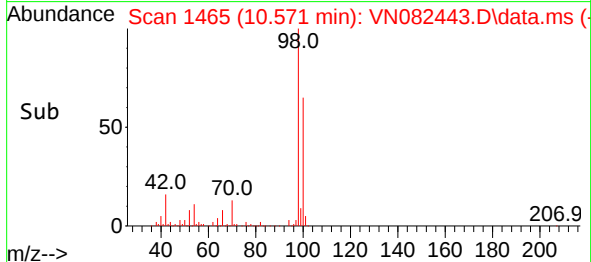
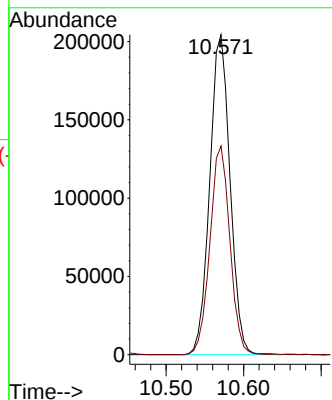
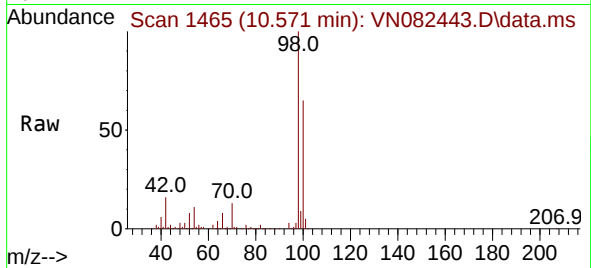




#50
Toluene-d8
Concen: 56.647 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082443.D
Acq: 03 Jun 2024 18:51

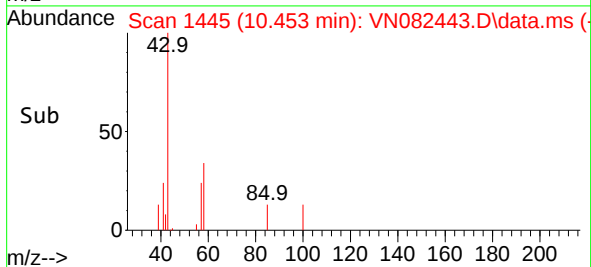
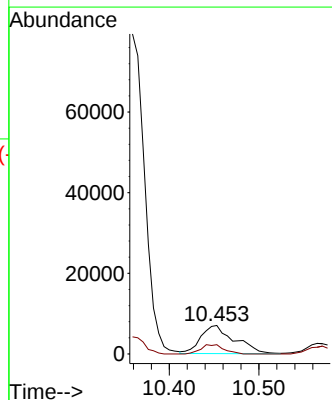
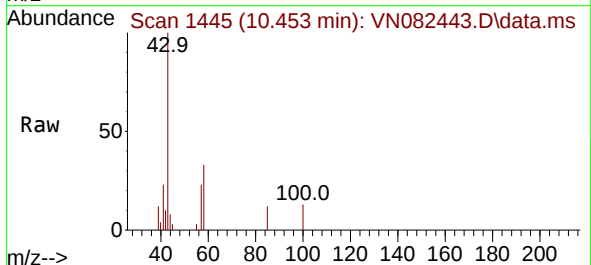
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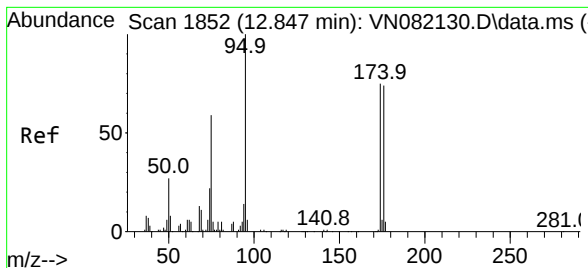
Tgt Ion: 98 Resp: 371710
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.639 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082443.D
Acq: 03 Jun 2024 18:51

Tgt Ion: 43 Resp: 18236
Ion Ratio Lower Upper
43 100
58 22.6 33.2 49.8#

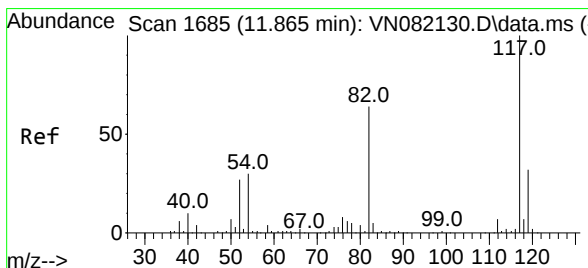
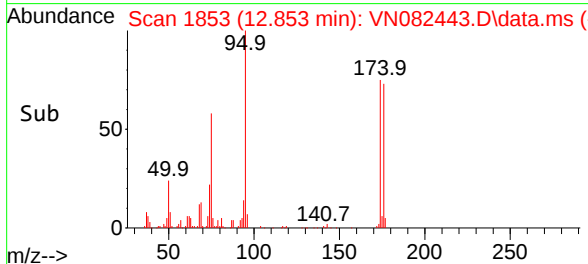
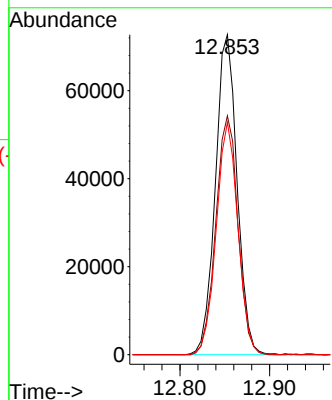
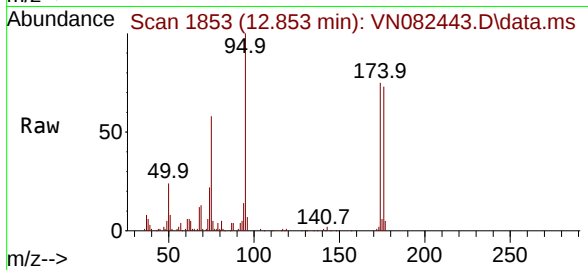




#62
4-Bromofluorobenzene
Concen: 52.106 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082443.D
Acq: 03 Jun 2024 18:51

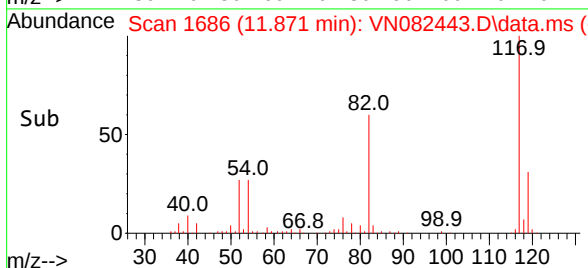
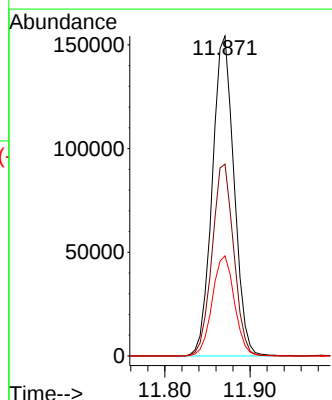
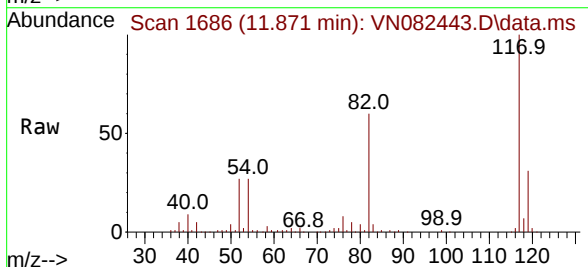
Instrument :
MSVOA_N
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WC-TP-1

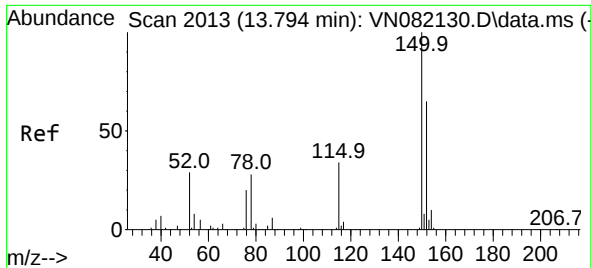
Tgt Ion: 95 Resp: 122037
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.6
176 72.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082443.D
Acq: 03 Jun 2024 18:51

Tgt Ion: 117 Resp: 273666
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 31.3 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: VN082443.D
 Acq: 03 Jun 2024 18:51

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-TP-1

Tgt Ion:152 Resp: 107805
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.4 91.3
 150 153.2 0.0 353.2

