

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082648.D
 Acq On : 19 Jun 2024 18:04
 Operator : JC\MD
 Sample : P2930-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPE

Quant Time: Jun 20 03:04:36 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)

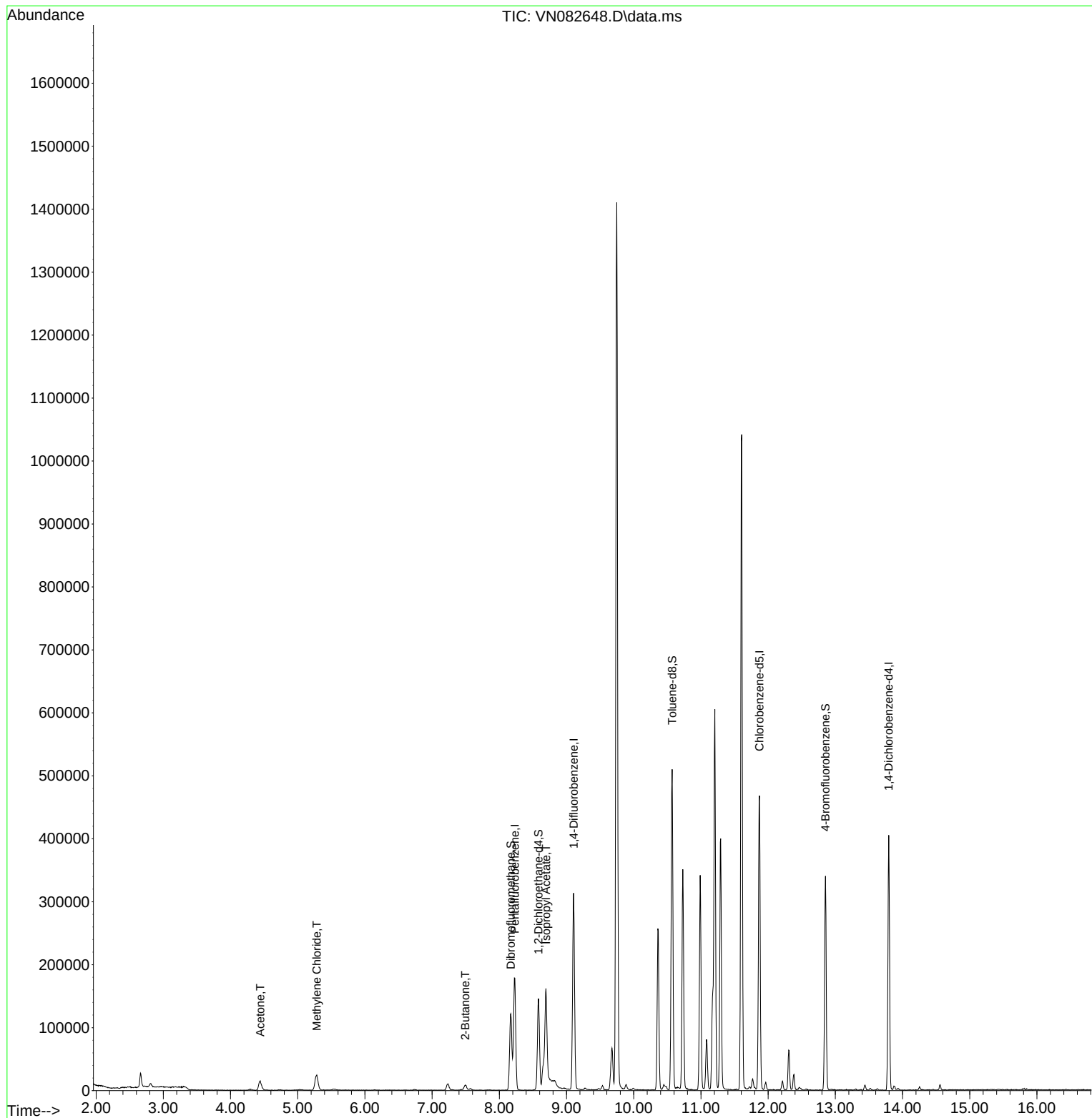
Internal Standards						
1) Pentafluorobenzene	8.230	168	126132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	241166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	253466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117514	58.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.200%
35) Dibromofluoromethane	8.171	113	86496	52.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.740%
50) Toluene-d8	10.571	98	329923	53.326	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.853	95	106620	49.985	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.980%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	28971	31.494	ug/l	98
20) Methylene Chloride	5.283	84	17638	10.906	ug/l #	79
25) 2-Butanone	7.494	43	15142	11.581	ug/l	100
43) Isopropyl Acetate	8.694	43	226964	38.983	ug/l #	82

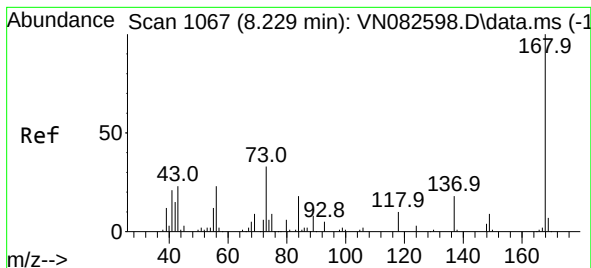
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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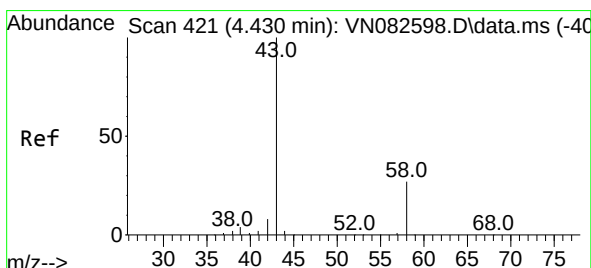
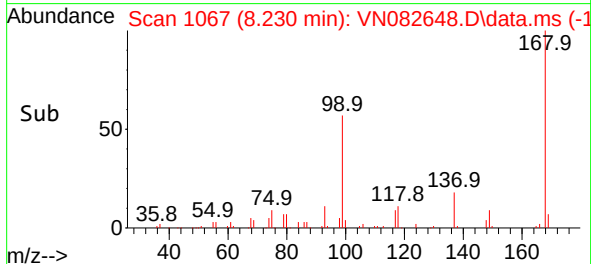
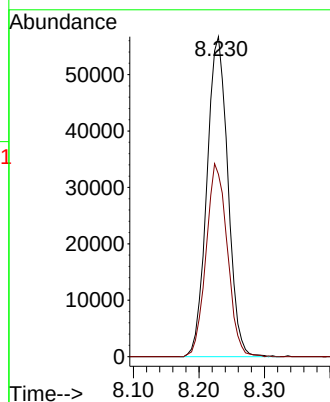
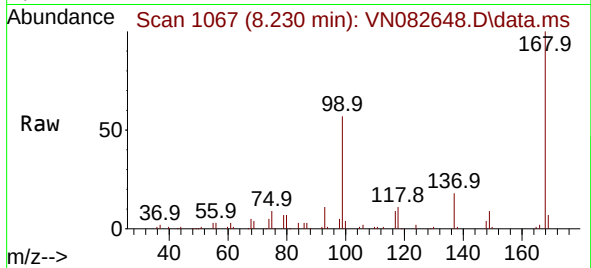




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082648.D
Acq: 19 Jun 2024 18:04

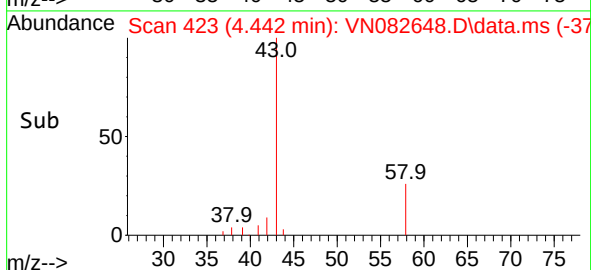
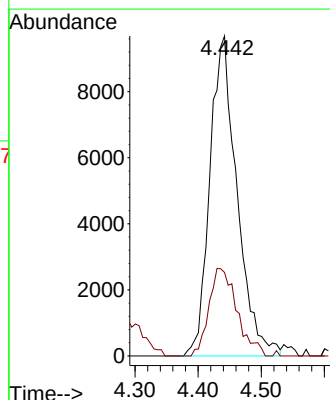
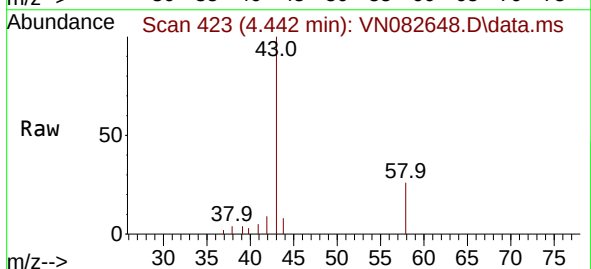
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPE

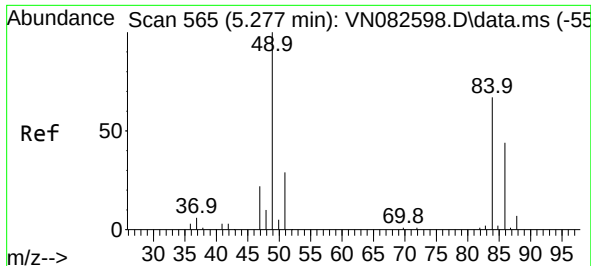
Tgt Ion:168 Resp: 126132
Ion Ratio Lower Upper
168 100
99 57.0 48.2 72.4



#16
Acetone
Concen: 31.494 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082648.D
Acq: 19 Jun 2024 18:04

Tgt Ion: 43 Resp: 28971
Ion Ratio Lower Upper
43 100
58 26.1 21.8 32.6

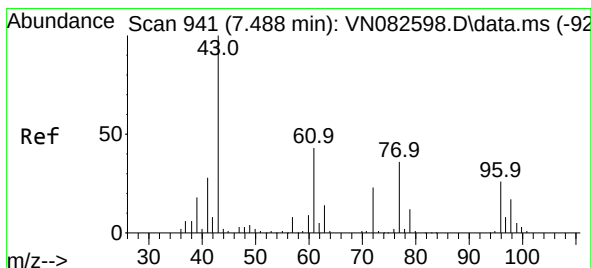
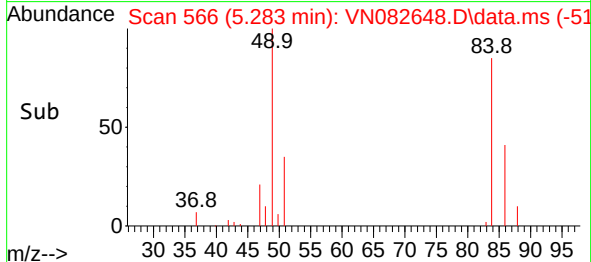
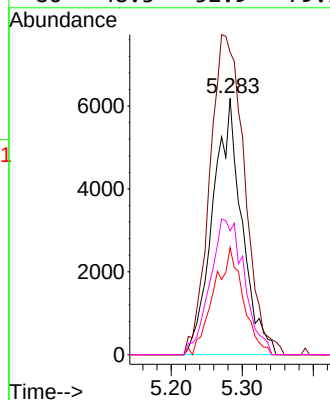
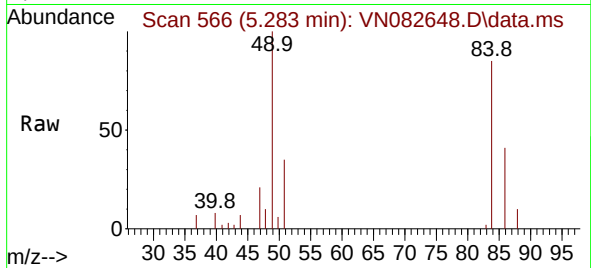




#20
Methylene Chloride
Concen: 10.906 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082648.D
Acq: 19 Jun 2024 18:04

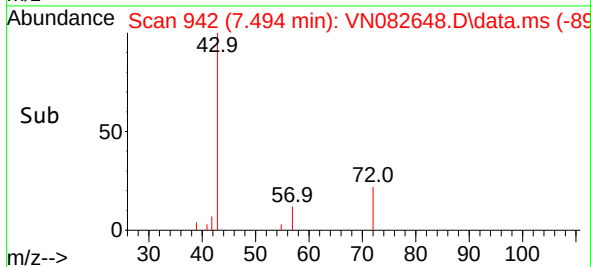
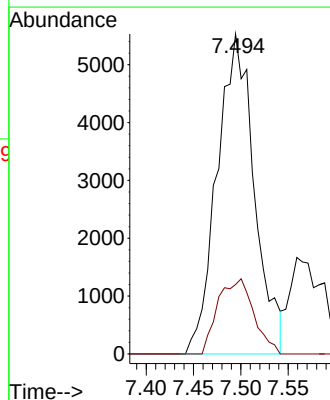
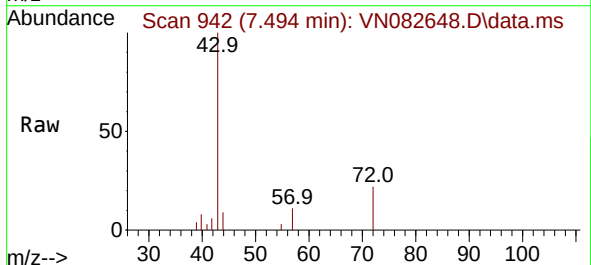
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPE

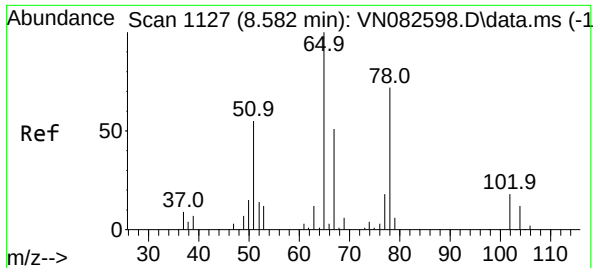
Tgt Ion: 84 Resp: 17638
Ion Ratio Lower Upper
84 100
49 118.0 119.6 179.4#
51 41.8 34.8 52.2
86 48.3 52.9 79.3#



#25
2-Butanone
Concen: 11.581 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082648.D
Acq: 19 Jun 2024 18:04

Tgt Ion: 43 Resp: 15142
Ion Ratio Lower Upper
43 100
72 22.7 18.2 27.2





#33

1,2-Dichloroethane-d4

Concen: 58.098 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082648.D

Acq: 19 Jun 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

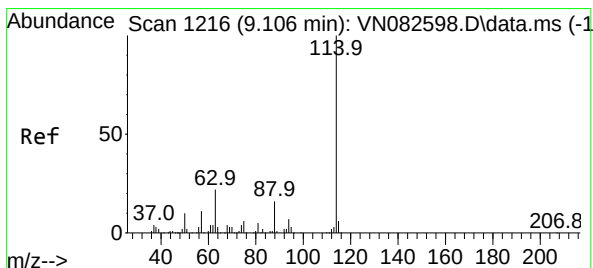
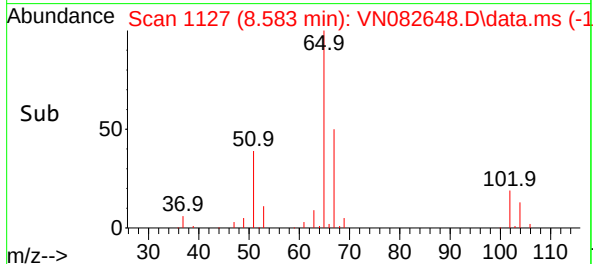
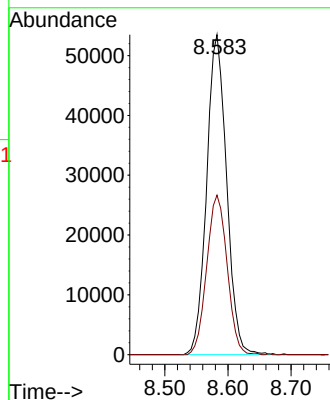
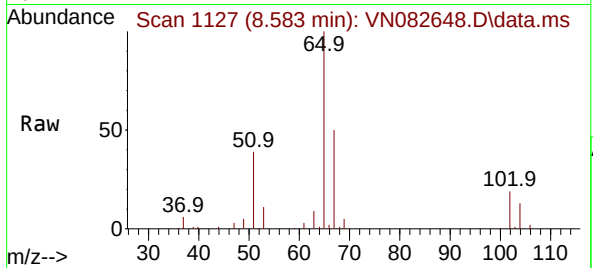
WCS-TPE

Tgt Ion: 65 Resp: 117514

Ion Ratio Lower Upper

65 100

67 50.9 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: VN082648.D

Acq: 19 Jun 2024 18:04

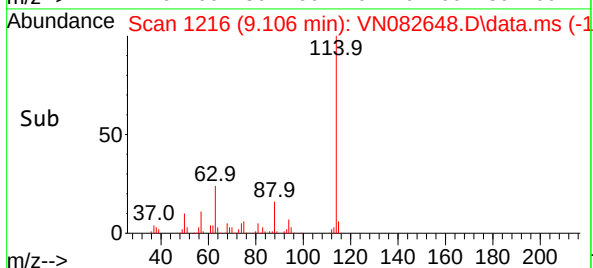
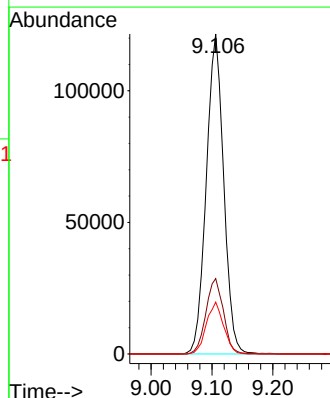
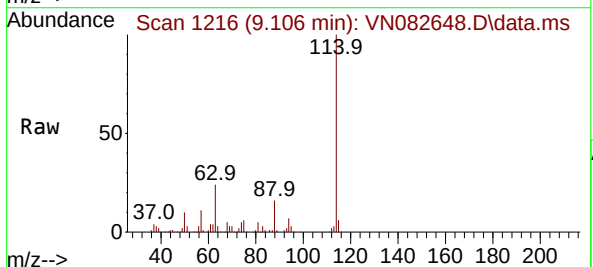
Tgt Ion: 114 Resp: 241166

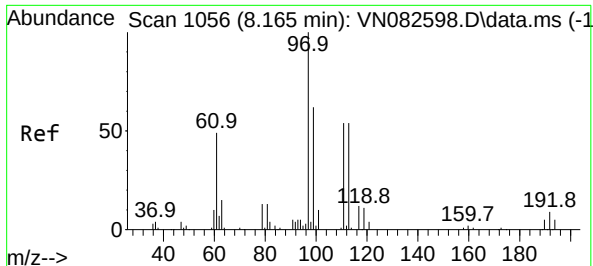
Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.6

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.869 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082648.D

Acq: 19 Jun 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

WCS-TPE

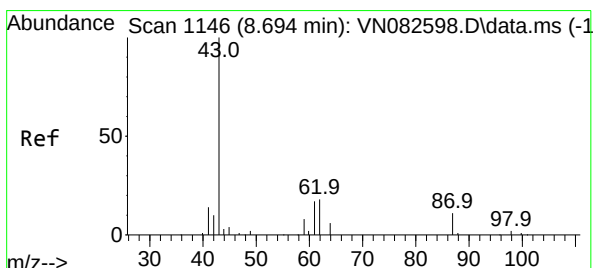
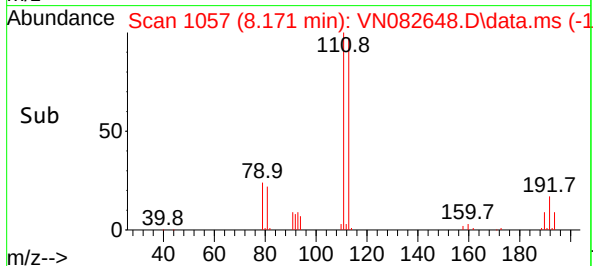
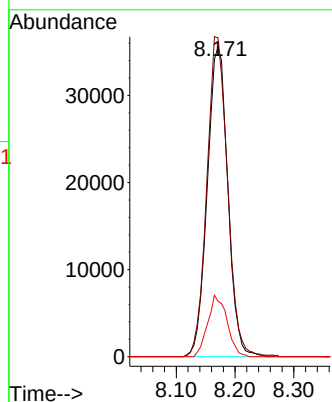
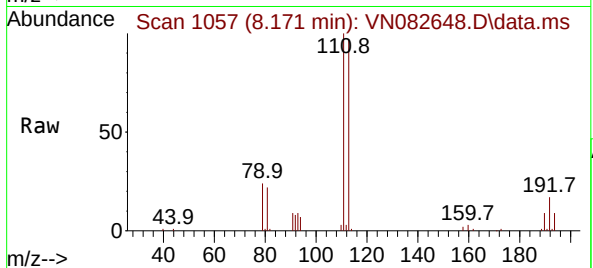
Tgt Ion:113 Resp: 86496

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 18.6 14.9 22.3



#43

Isopropyl Acetate

Concen: 38.983 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082648.D

Acq: 19 Jun 2024 18:04

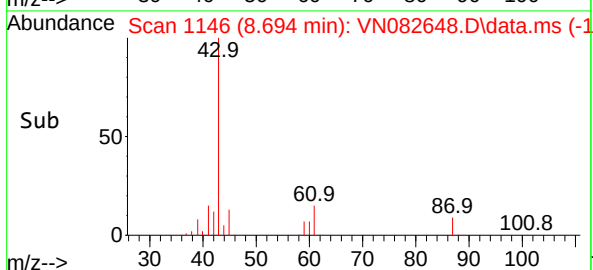
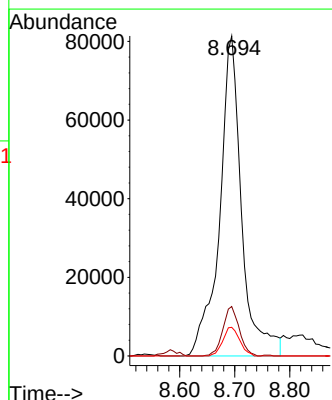
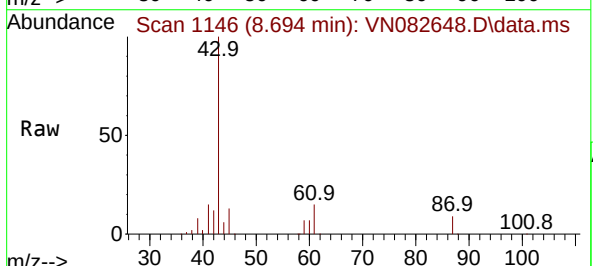
Tgt Ion: 43 Resp: 226964

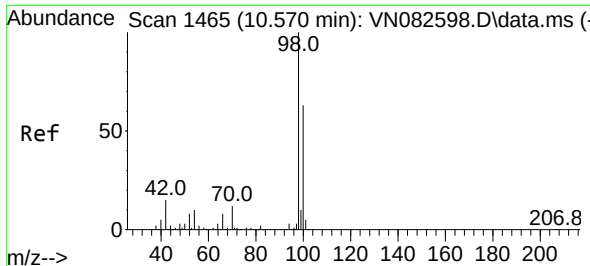
Ion Ratio Lower Upper

43 100

61 11.5 17.8 26.6#

87 6.8 8.2 12.2#

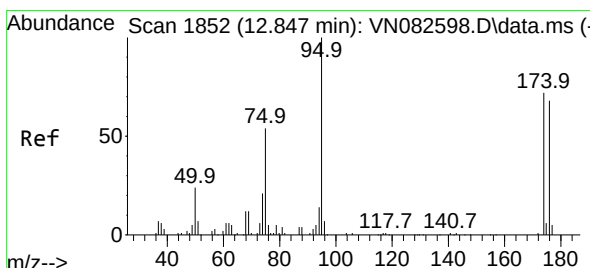
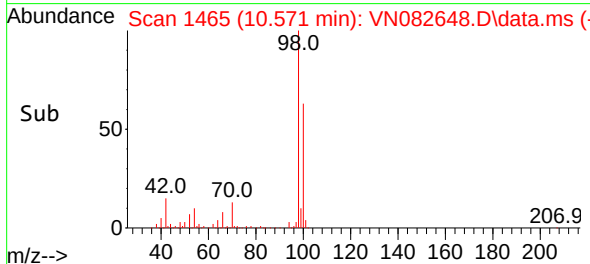
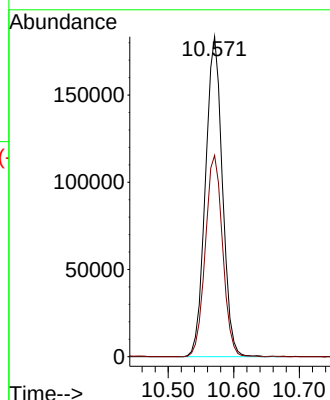
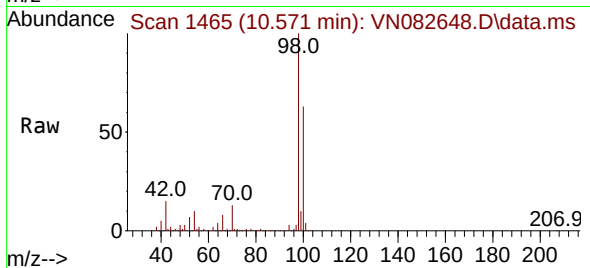




#50
Toluene-d8
Concen: 53.326 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082648.D
Acq: 19 Jun 2024 18:04

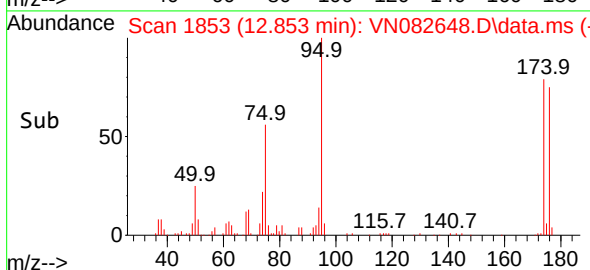
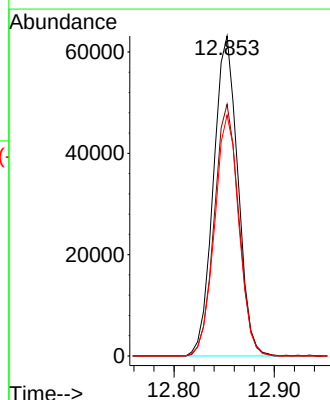
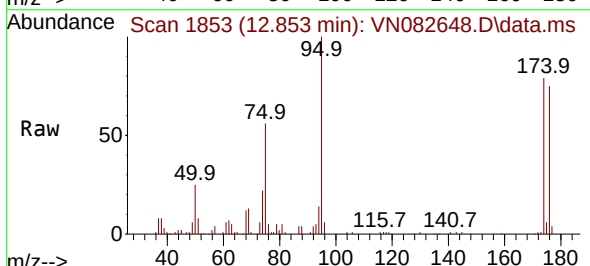
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MSVOA_N
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WCS-TPE

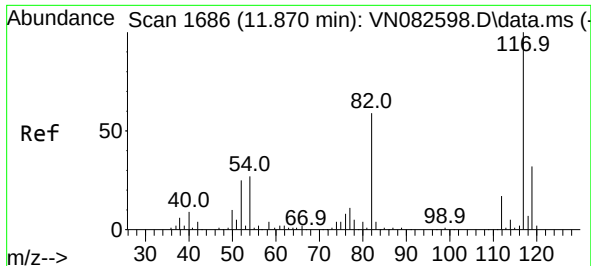
Tgt Ion: 98 Resp: 329923
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.985 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082648.D
Acq: 19 Jun 2024 18:04

Tgt Ion: 95 Resp: 106620
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 75.2 0.0 147.6

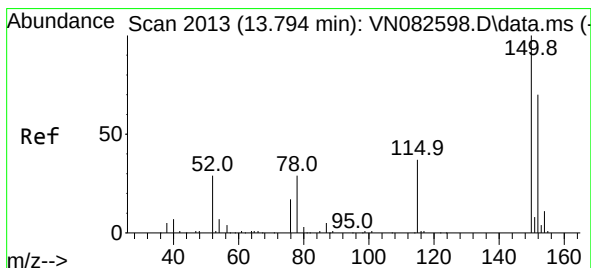
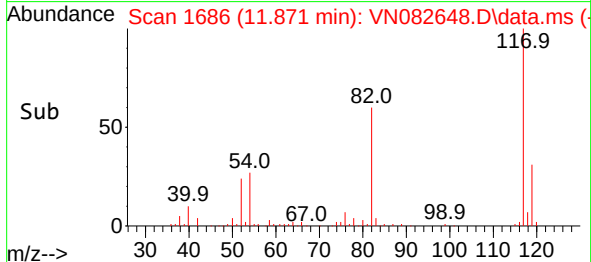
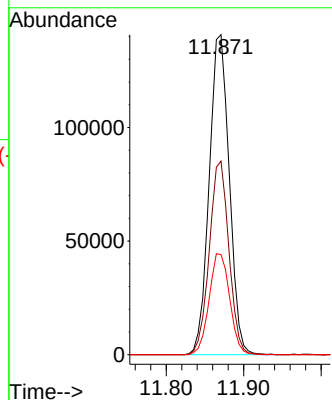
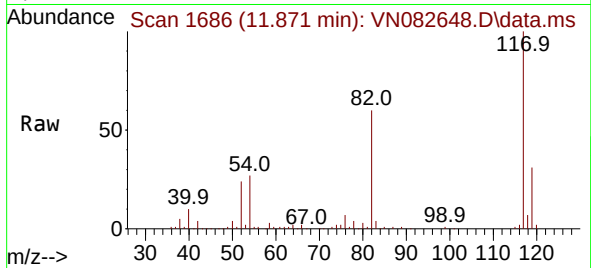




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082648.D
Acq: 19 Jun 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPE

Tgt Ion:117 Resp: 253466
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 31.3 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: VN082648.D
Acq: 19 Jun 2024 18:04

Tgt Ion:152 Resp: 99846
Ion Ratio Lower Upper
152 100
115 61.7 30.6 91.6
150 156.3 0.0 348.6

