

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082447.D
 Acq On : 03 Jun 2024 20:29
 Operator : JC\MD
 Sample : P2686-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPQ

Quant Time: Jun 04 00:35:50 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)

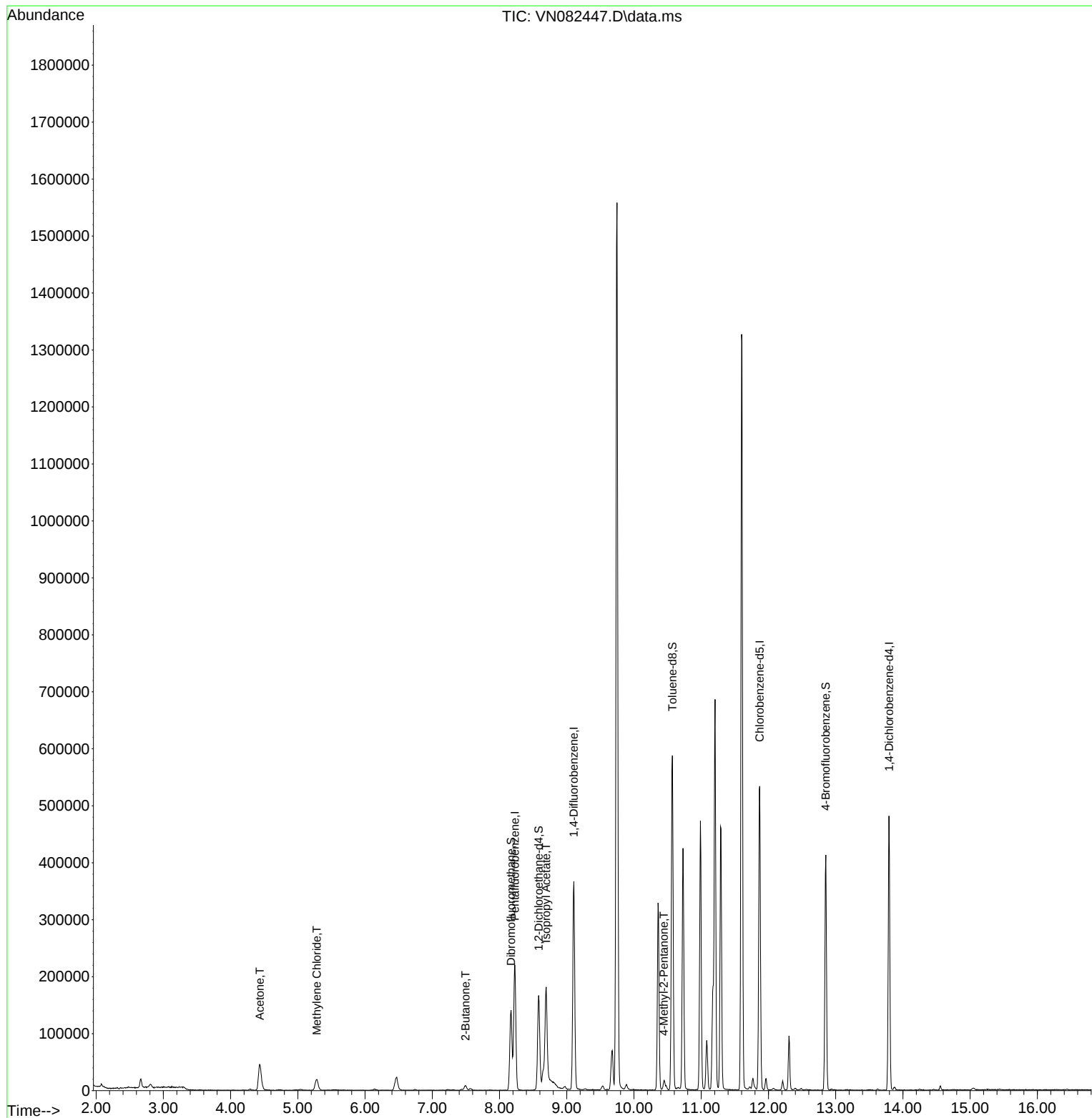
Internal Standards						
1) Pentafluorobenzene	8.230	168	153045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	285714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135240	55.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.920%
35) Dibromofluoromethane	8.171	113	97174	55.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.540%
50) Toluene-d8	10.571	98	379333	56.275	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.560%
62) 4-Bromofluorobenzene	12.853	95	128240	53.302	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.600%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	91988	92.792	ug/l	94
20) Methylene Chloride	5.283	84	13777	6.888	ug/l #	73
25) 2-Butanone	7.494	43	14414	9.590	ug/l #	79
43) Isopropyl Acetate	8.694	43	275293	47.080	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	16969	5.108	ug/l #	72

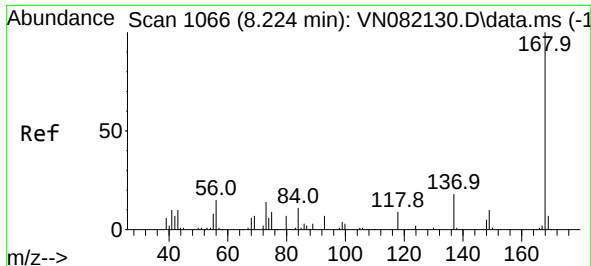
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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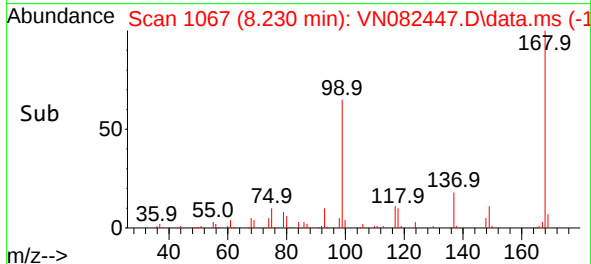
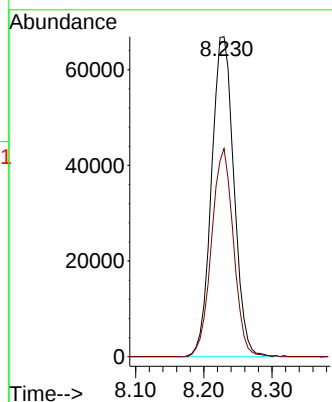
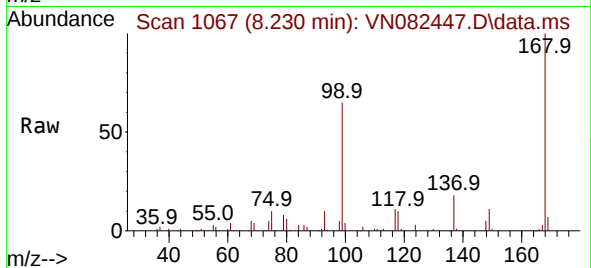




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

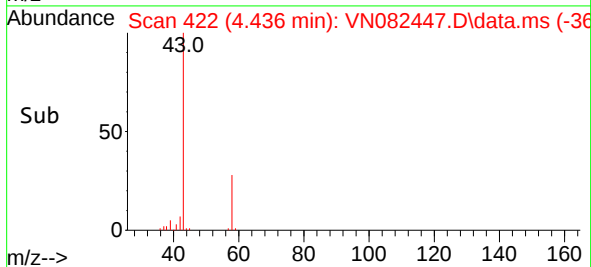
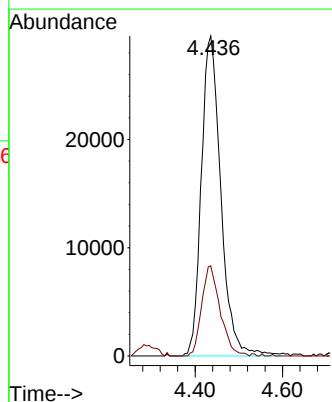
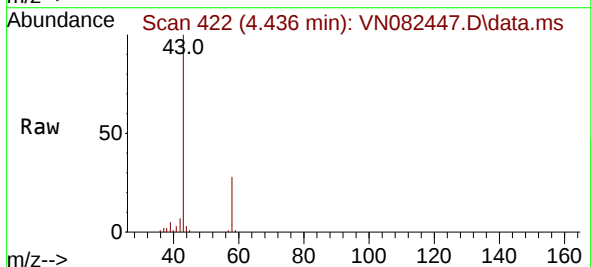
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPQ

Tgt Ion:168 Resp: 153045
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#16
Acetone
Concen: 92.792 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

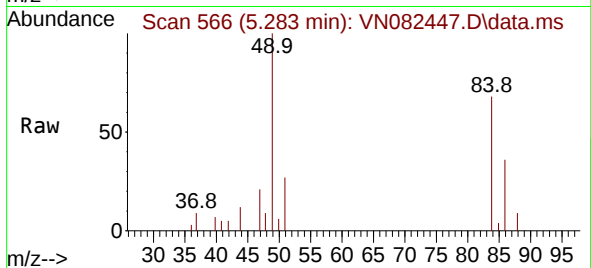
Tgt Ion: 43 Resp: 91988
Ion Ratio Lower Upper
43 100
58 28.1 25.2 37.8



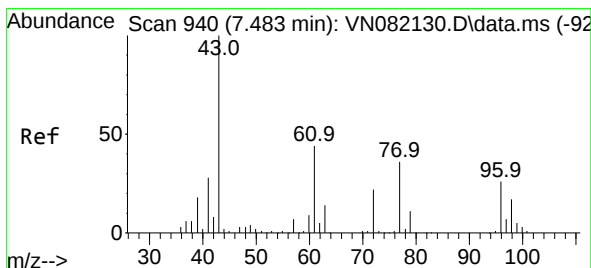
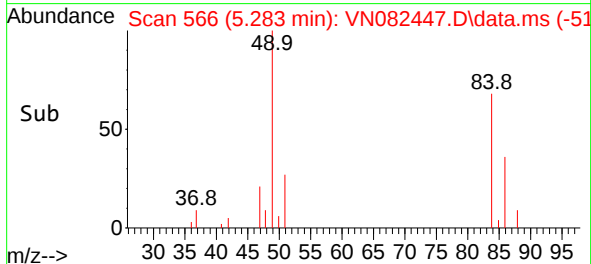
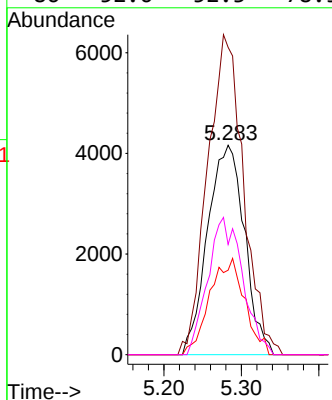


#20
Methylene Chloride
Concen: 6.888 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPQ

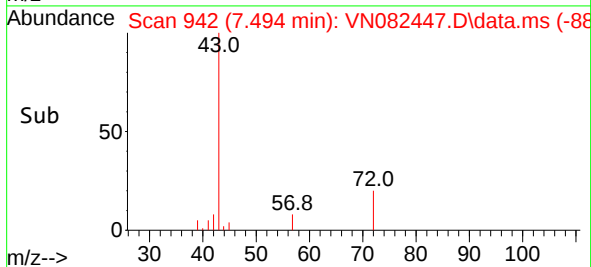
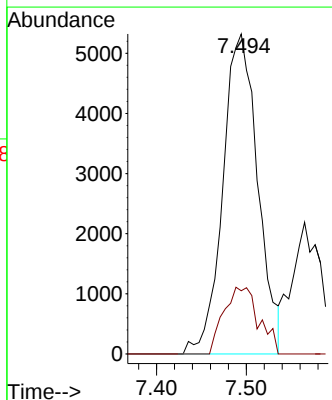
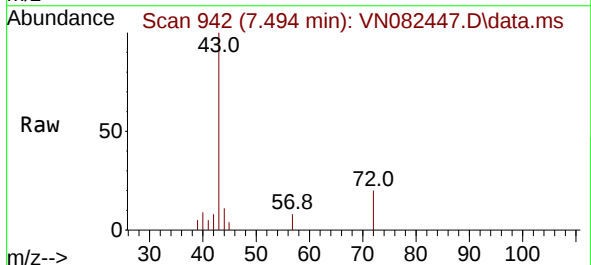


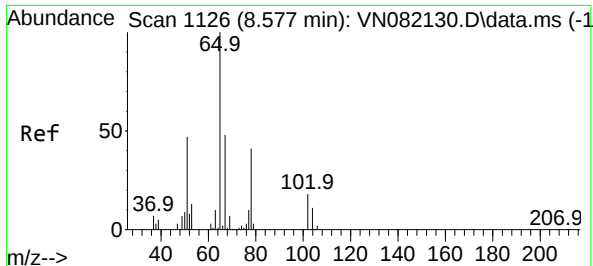
Tgt Ion:	84	Resp:	13777
Ion	Ratio	Lower	Upper
84	100		
49	146.8	84.9	127.3#
51	40.3	27.0	40.6
86	52.6	52.3	78.5



#25
2-Butanone
Concen: 9.590 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

Tgt Ion:	43	Resp:	14414
Ion	Ratio	Lower	Upper
43	100		
72	19.7	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 55.962 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082447.D

Acq: 03 Jun 2024 20:29

Instrument :

MSVOA_N

ClientSampleId :

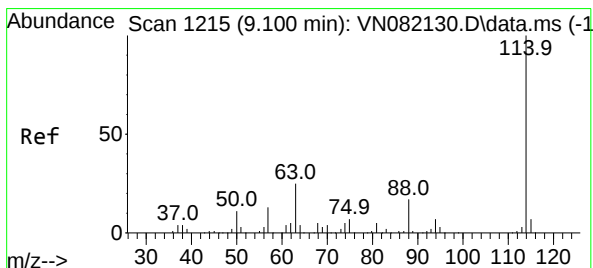
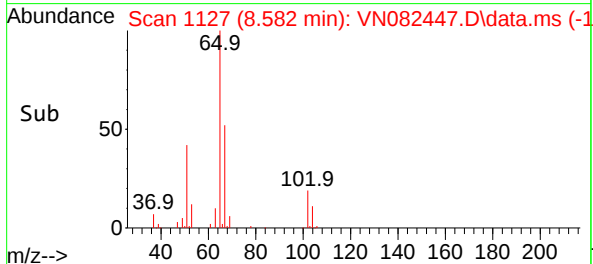
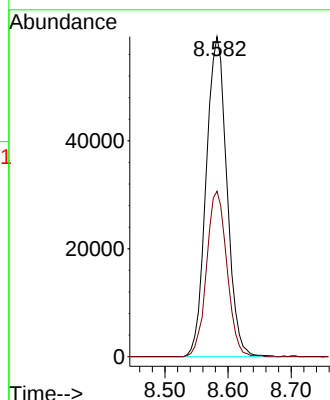
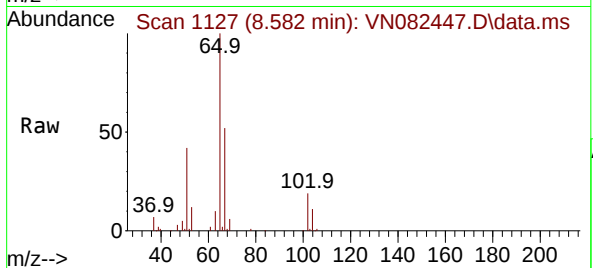
WCS-TPQ

Tgt Ion: 65 Resp: 135240

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: VN082447.D

Acq: 03 Jun 2024 20:29

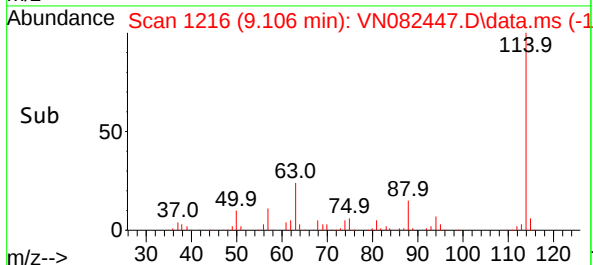
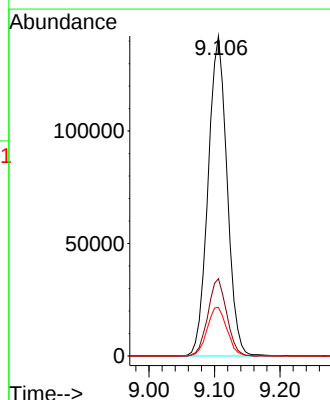
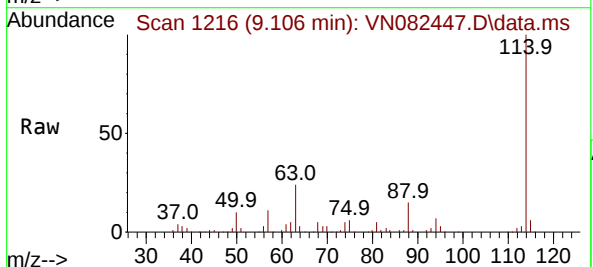
Tgt Ion: 114 Resp: 285810

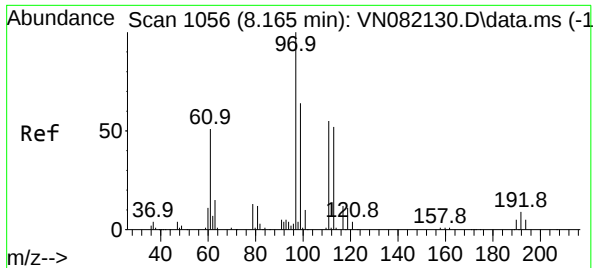
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 15.2 0.0 31.4

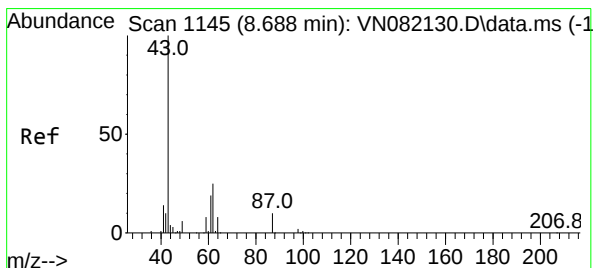
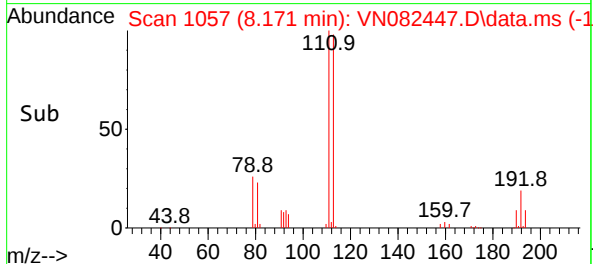
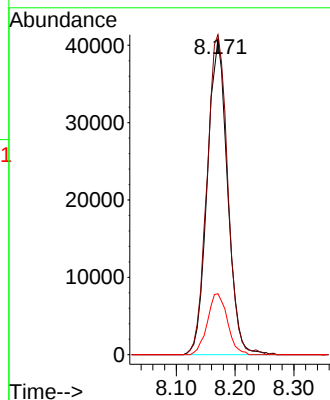
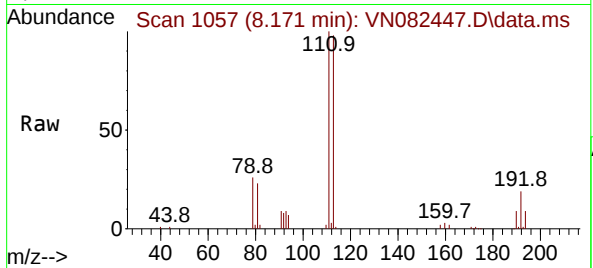




#35
Dibromofluoromethane
Concen: 55.270 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

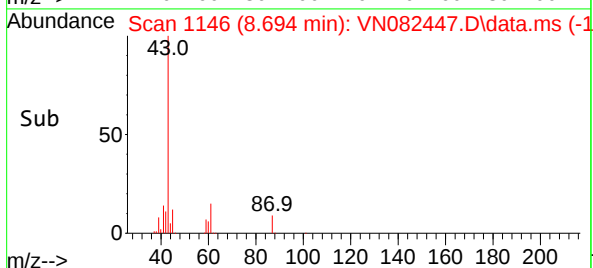
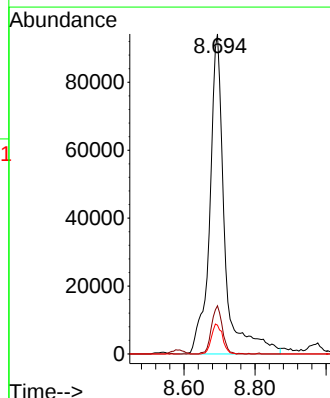
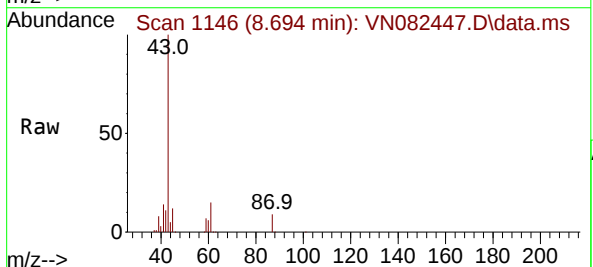
Instrument :
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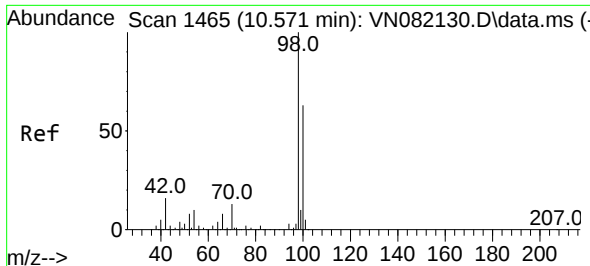
Tgt Ion:113 Resp: 97174
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.2
192 19.2 14.0 21.0



#43
Isopropyl Acetate
Concen: 47.080 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

Tgt Ion: 43 Resp: 275293
Ion Ratio Lower Upper
43 100
61 11.0 22.8 34.2#
87 6.9 12.0 18.0#

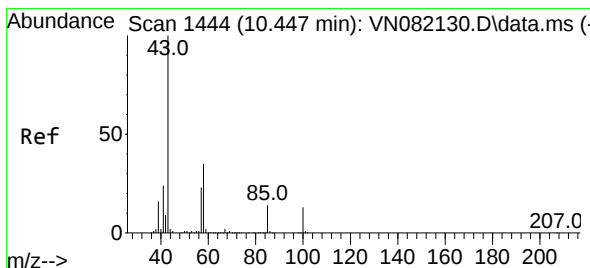
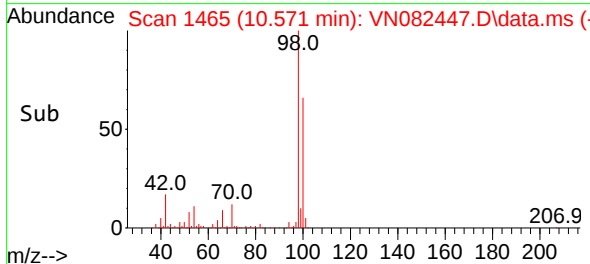
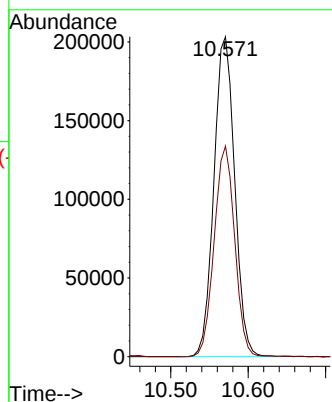
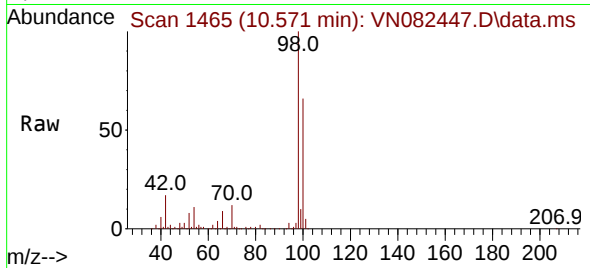




#50
Toluene-d8
Concen: 56.275 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

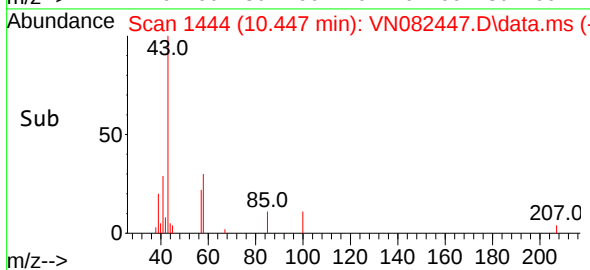
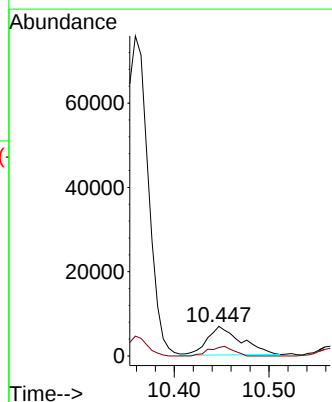
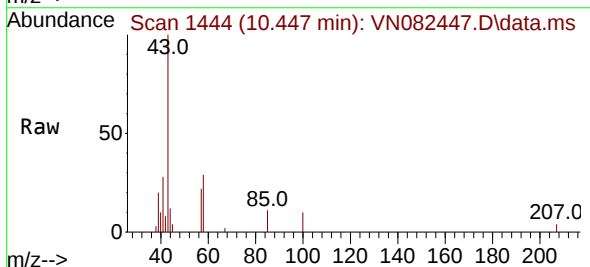
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WCS-TPQ

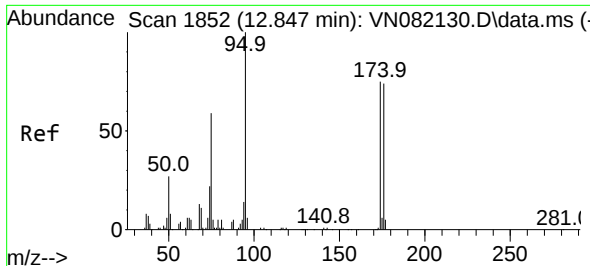
Tgt Ion: 98 Resp: 379333
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.108 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

Tgt Ion: 43 Resp: 16969
Ion Ratio Lower Upper
43 100
58 23.9 33.2 49.8#

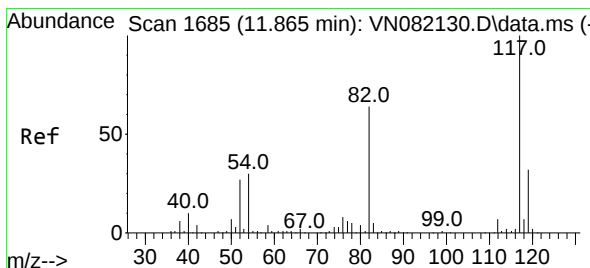
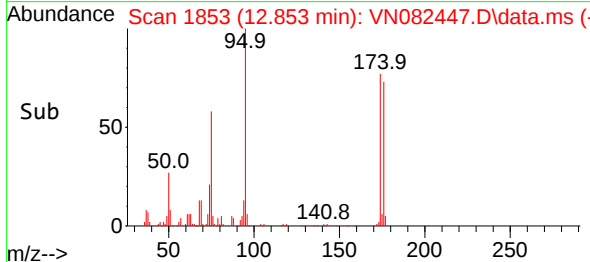
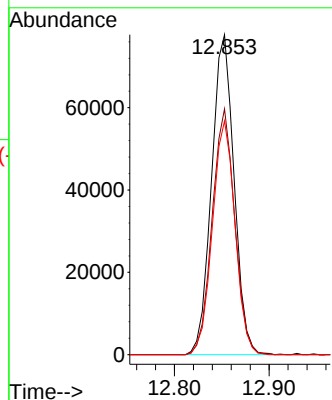
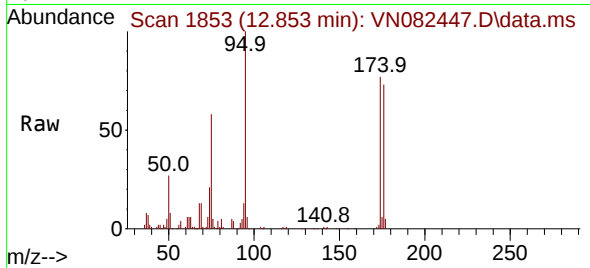




#62
4-Bromofluorobenzene
Concen: 53.302 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

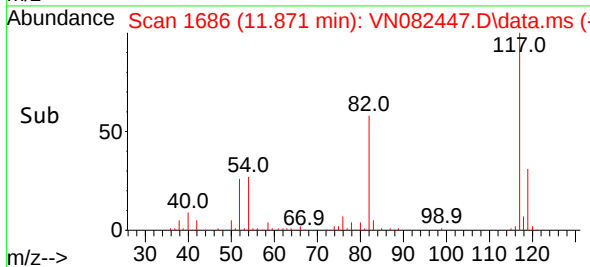
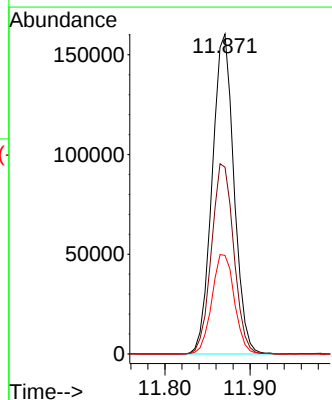
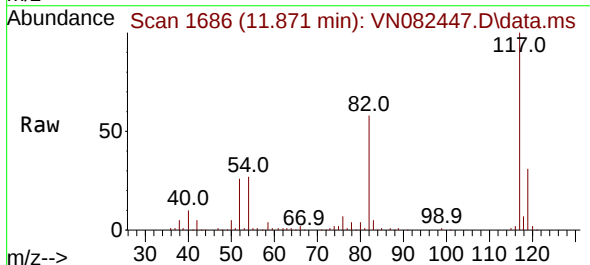
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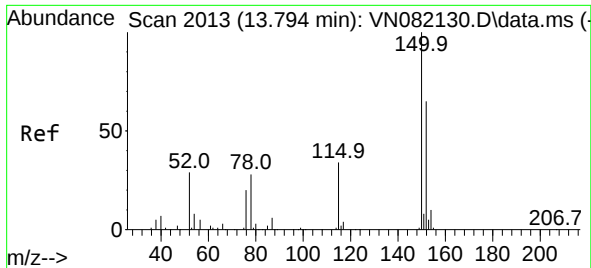
Tgt Ion: 95 Resp: 128240
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 73.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082447.D
Acq: 03 Jun 2024 20:29

Tgt Ion: 117 Resp: 285714
Ion Ratio Lower Upper
117 100
82 58.4 44.6 66.8
119 30.8 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: VN082447.D
 Acq: 03 Jun 2024 20:29

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPQ

Tgt Ion:152 Resp: 117076
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.4 91.3
 150 158.0 0.0 353.2

