

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082248.D
 Acq On : 21 May 2024 18:18
 Operator : JC\MD
 Sample : P2539-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPQ

Quant Time: May 22 01:30:37 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)

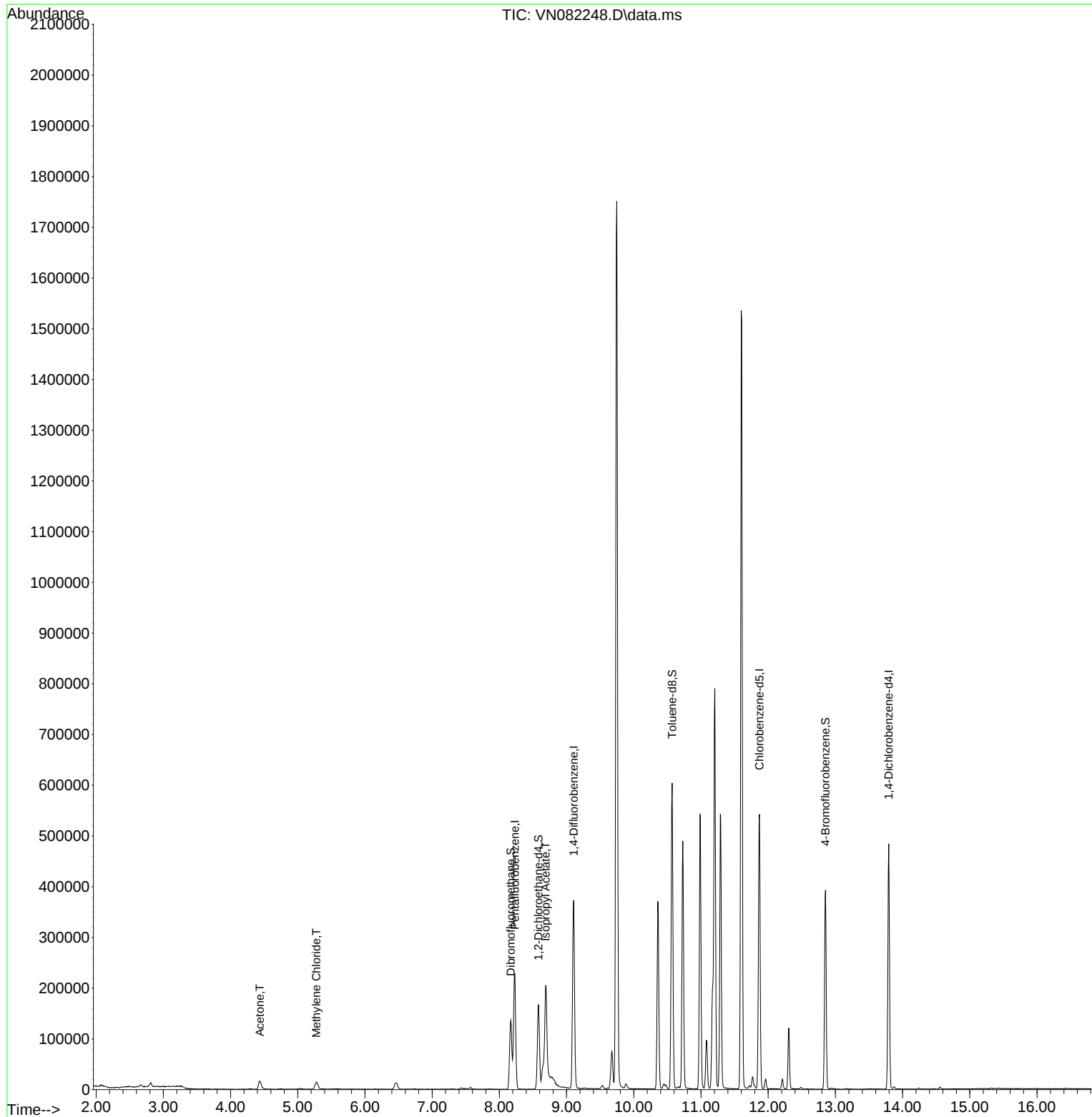
Internal Standards						
1) Pentafluorobenzene	8.230	168	160201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	285945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135535	53.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.160%	
35) Dibromofluoromethane	8.171	113	96341	53.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.560%	
50) Toluene-d8	10.571	98	383897	55.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.853	95	125342	51.127	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.260%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	32614	31.429	ug/l	89
20) Methylene Chloride	5.277	84	10215	4.879	ug/l	88
43) Isopropyl Acetate	8.688	43	294314	49.395	ug/l #	73

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

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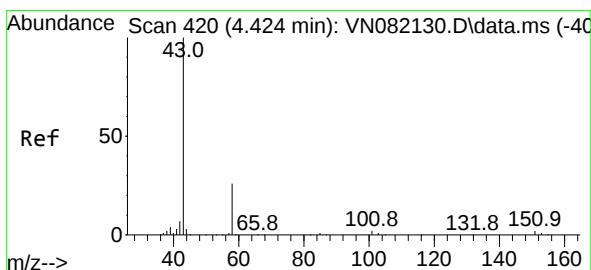
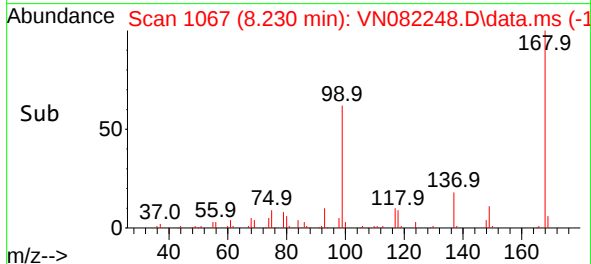
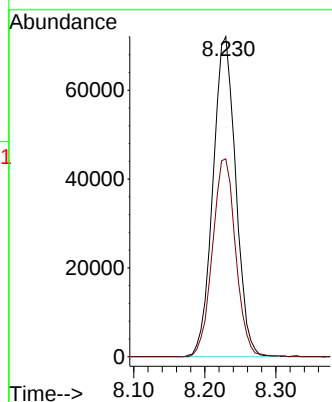
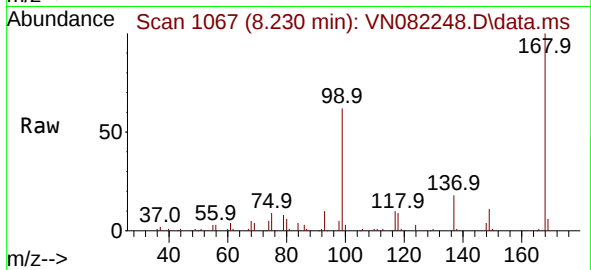




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082248.D
Acq: 21 May 2024 18:18

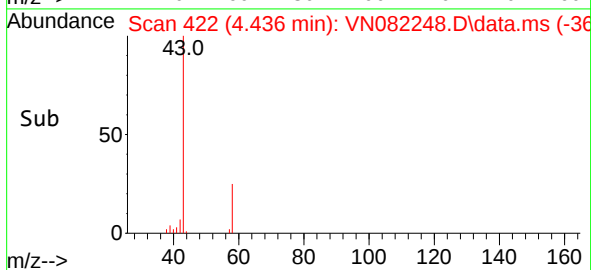
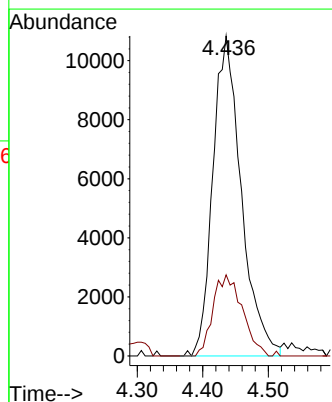
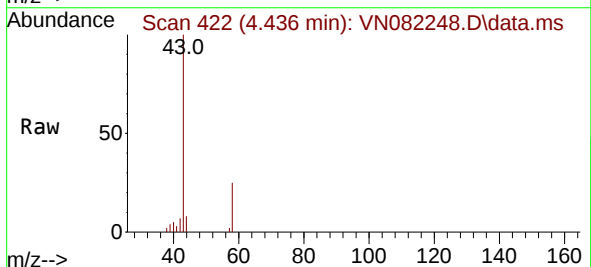
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPQ

Tgt Ion:168 Resp: 160201
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 31.429 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082248.D
Acq: 21 May 2024 18:18

Tgt Ion: 43 Resp: 32614
Ion Ratio Lower Upper
43 100
58 25.4 25.2 37.8

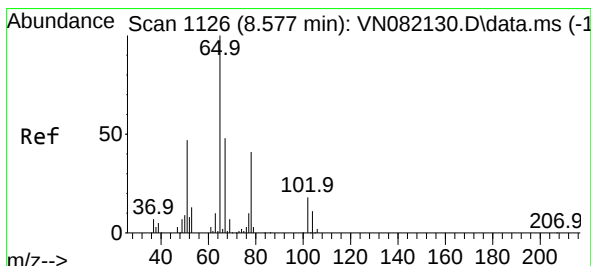
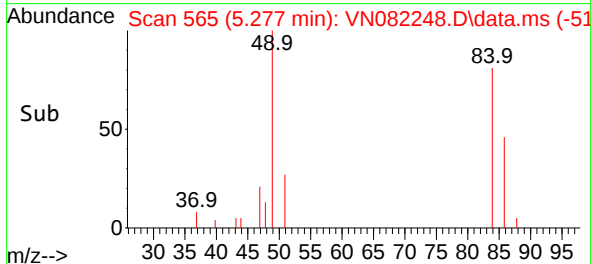
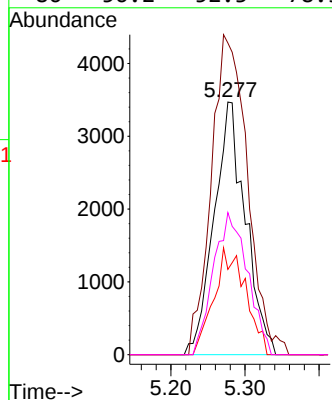
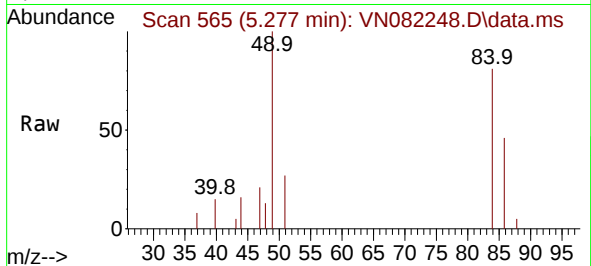




#20
Methylene Chloride
Concen: 4.879 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082248.D
Acq: 21 May 2024 18:18

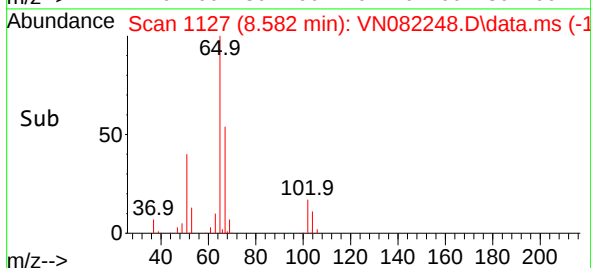
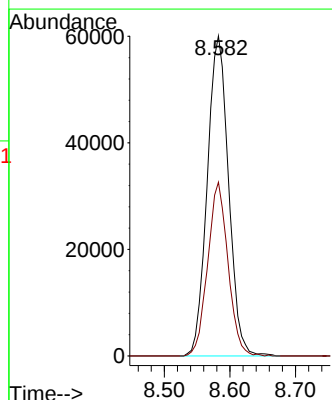
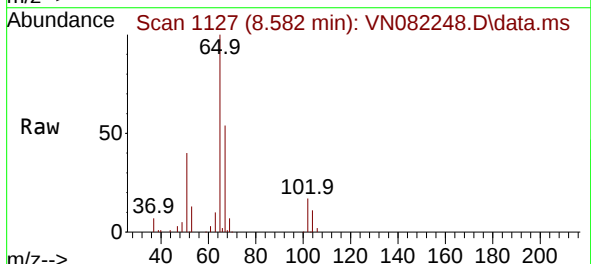
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPQ

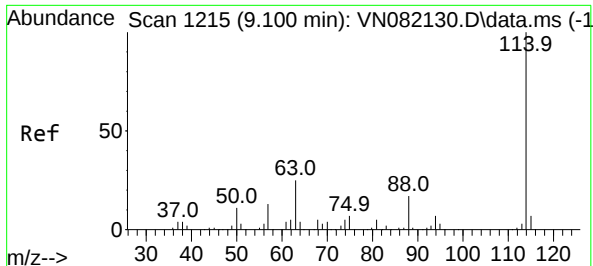
Tgt Ion:	84	Resp:	10215
Ion	Ratio	Lower	Upper
84	100		
49	123.4	84.9	127.3
51	33.8	27.0	40.6
86	56.2	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.579 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082248.D
Acq: 21 May 2024 18:18

Tgt Ion:	65	Resp:	135535
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082248.D

Acq: 21 May 2024 18:18

Instrument :

MSVOA_N

ClientSampleId :

WCS-TPQ

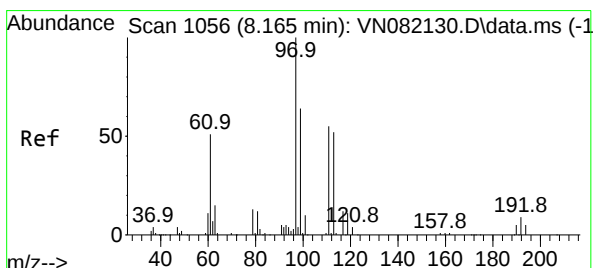
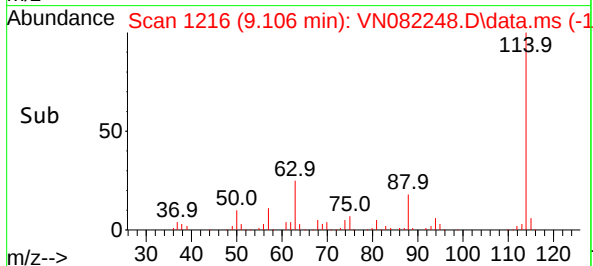
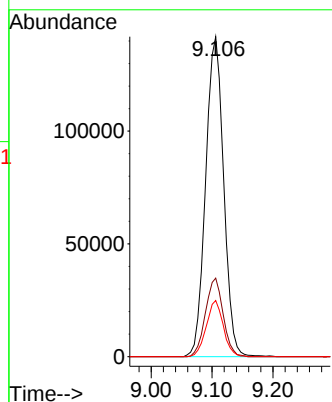
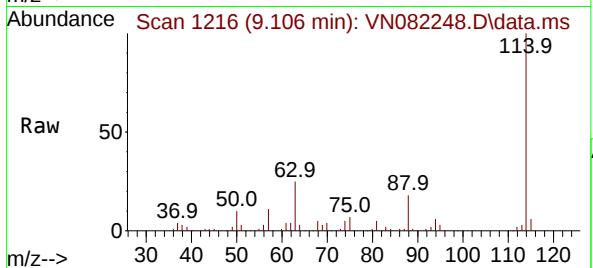
Tgt Ion:114 Resp: 291234

Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.0

88 17.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.776 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082248.D

Acq: 21 May 2024 18:18

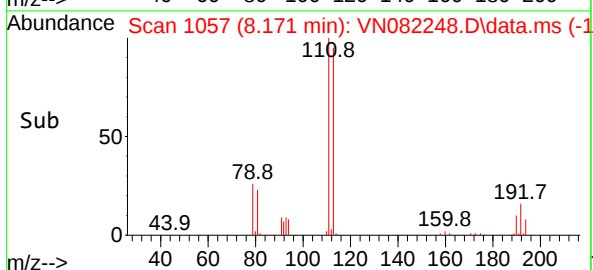
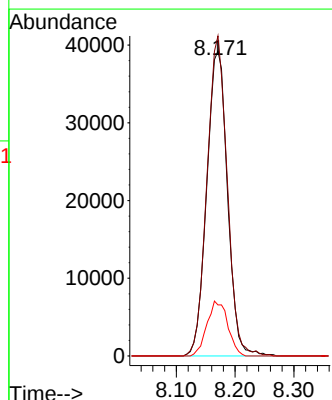
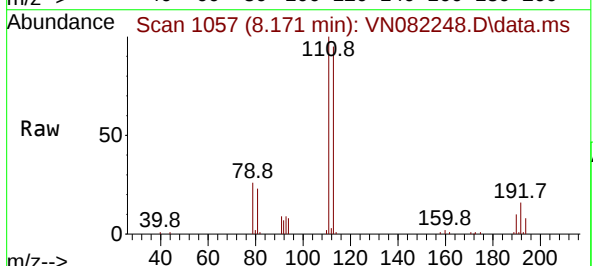
Tgt Ion:113 Resp: 96341

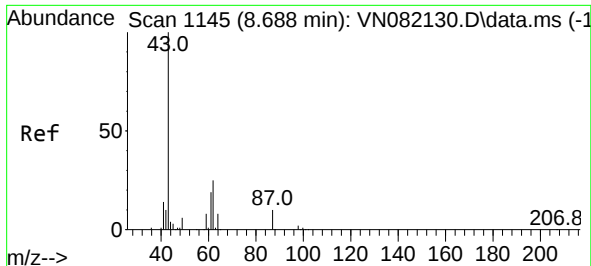
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 18.0 14.0 21.0

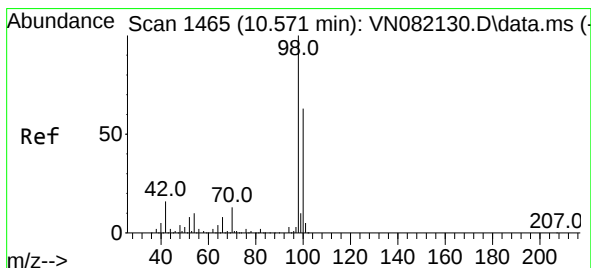
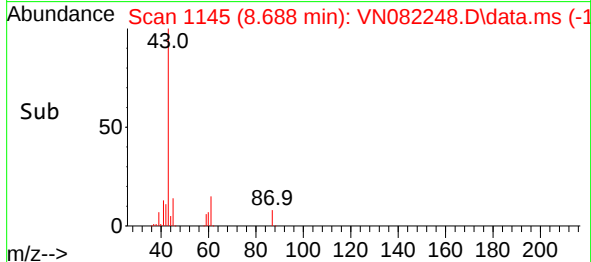
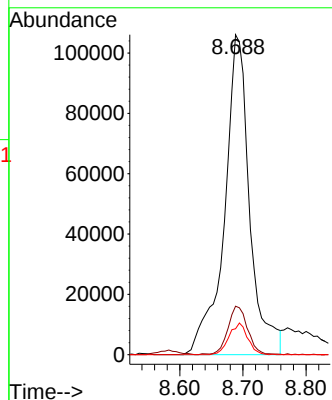
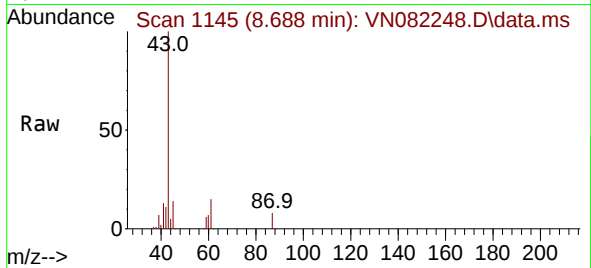




#43
Isopropyl Acetate
Concen: 49.395 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082248.D
Acq: 21 May 2024 18:18

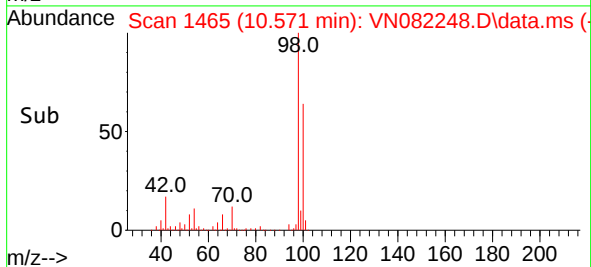
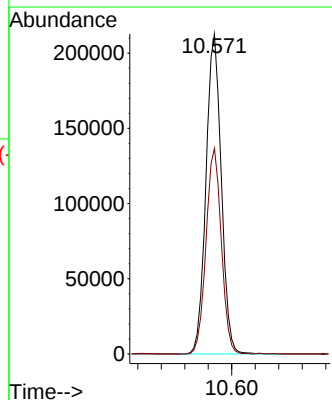
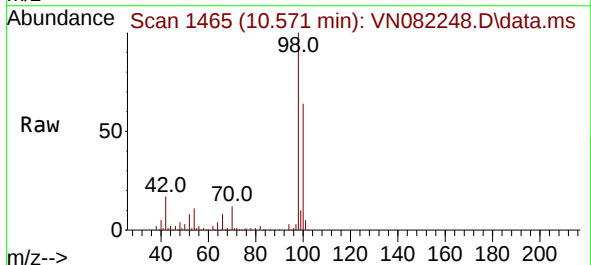
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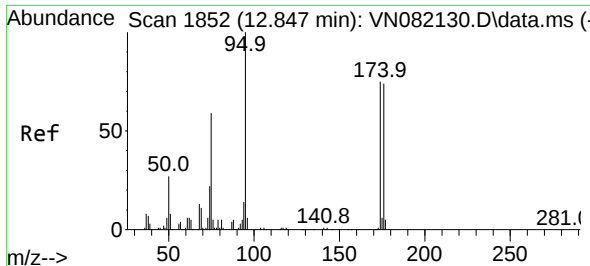
Tgt Ion: 43 Resp: 294314
Ion Ratio Lower Upper
43 100
61 11.9 22.8 34.2#
87 7.3 12.0 18.0#



#50
Toluene-d8
Concen: 55.891 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082248.D
Acq: 21 May 2024 18:18

Tgt Ion: 98 Resp: 383897
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

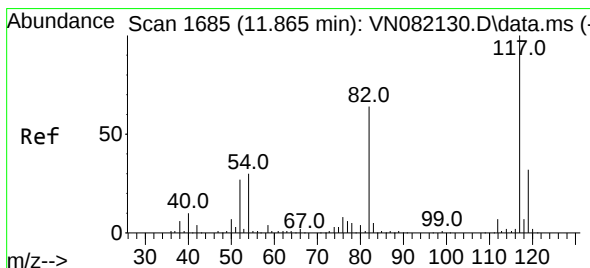
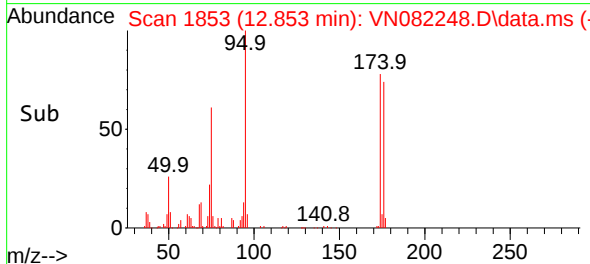
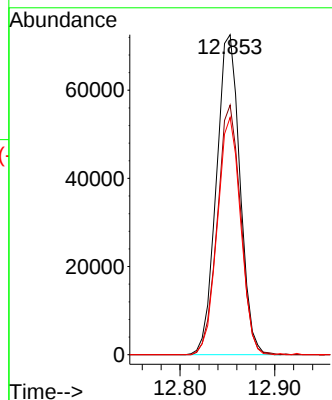
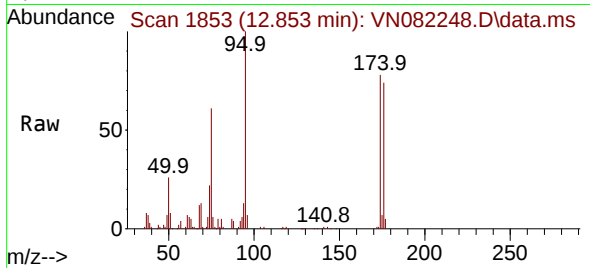




#62
4-Bromofluorobenzene
Concen: 51.127 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082248.D
Acq: 21 May 2024 18:18

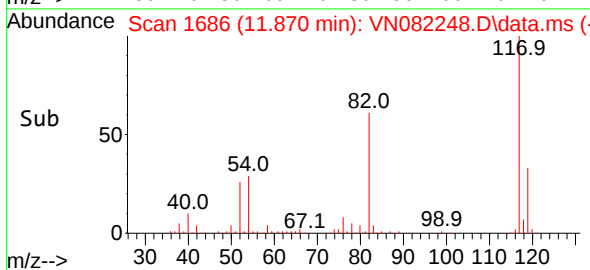
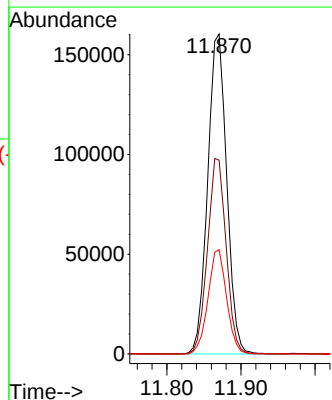
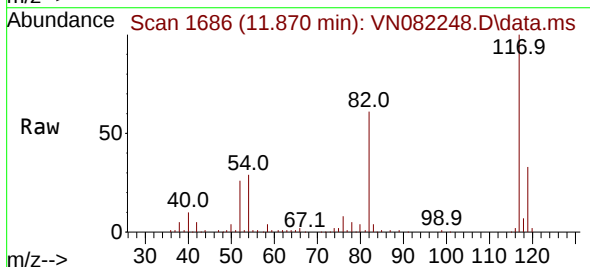
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPQ

Tgt Ion: 95 Resp: 125342
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.6
176 73.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082248.D
Acq: 21 May 2024 18:18

Tgt Ion: 117 Resp: 285945
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 32.6 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: VN082248.D
 Acq: 21 May 2024 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPQ

Tgt Ion:152 Resp: 118430
 Ion Ratio Lower Upper
 152 100
 115 59.0 30.4 91.3
 150 156.5 0.0 353.2

