

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082688.D
 Acq On : 21 Jun 2024 19:25
 Operator : JC\MD
 Sample : P2998-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPL

Quant Time: Jun 24 02:17:23 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)

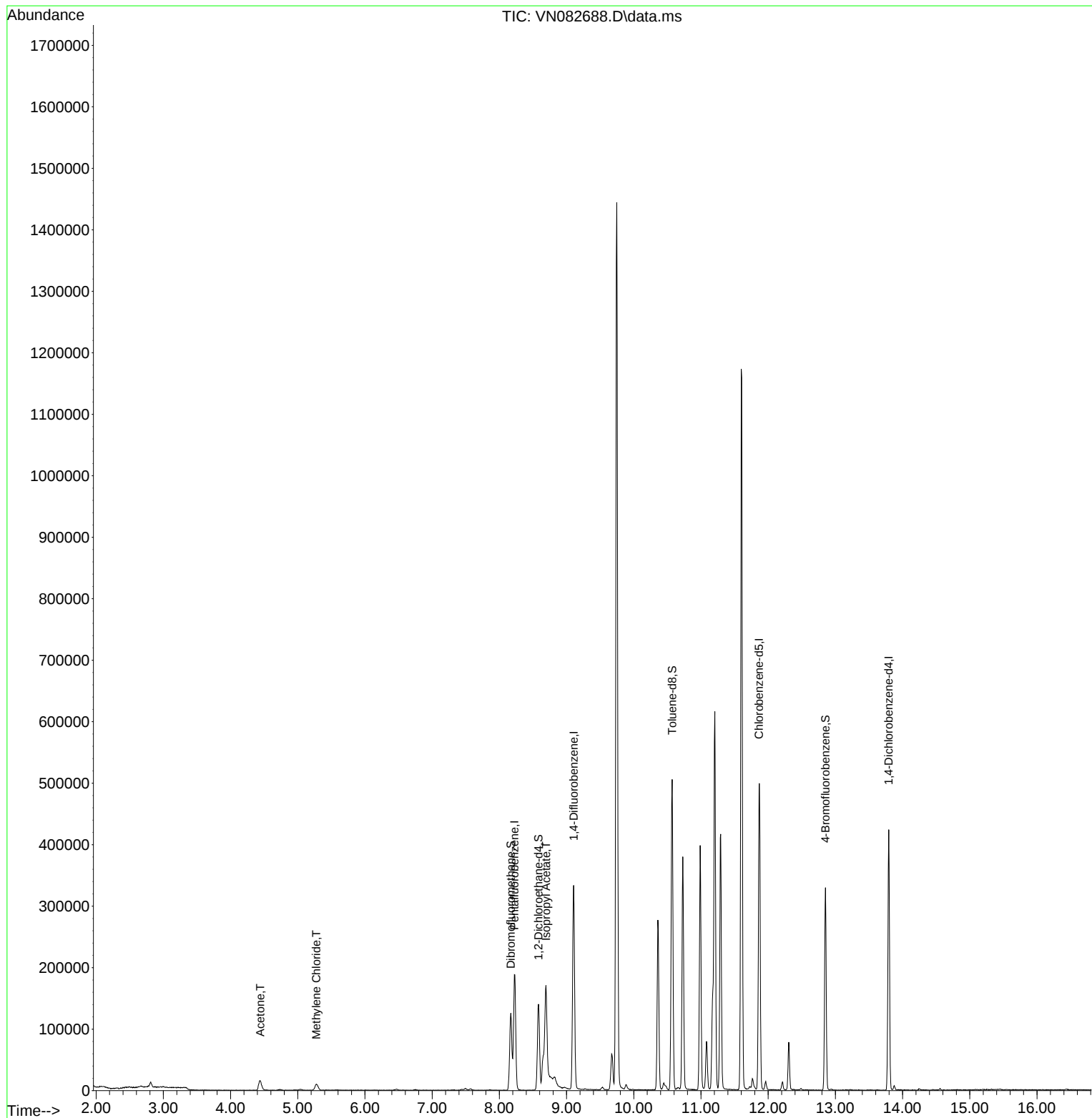
Internal Standards						
1) Pentafluorobenzene	8.224	168	132081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	260720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117430	55.441	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.880%
35) Dibromofluoromethane	8.171	113	86012	48.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	10.571	98	326771	48.855	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.853	95	101810	44.150	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.300%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	31986	33.205	ug/l	99
20) Methylene Chloride	5.277	84	7482	4.418	ug/l #	91
43) Isopropyl Acetate	8.694	43	254842	40.488	ug/l #	80

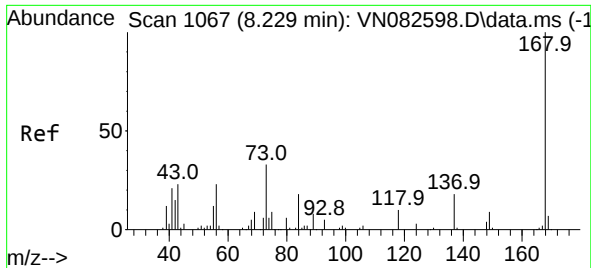
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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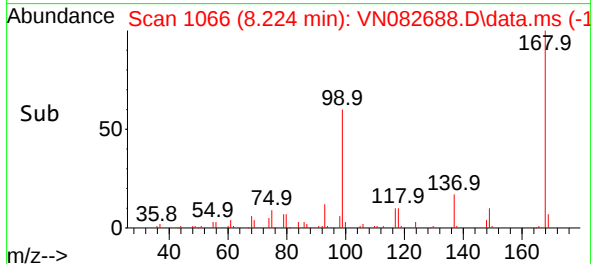
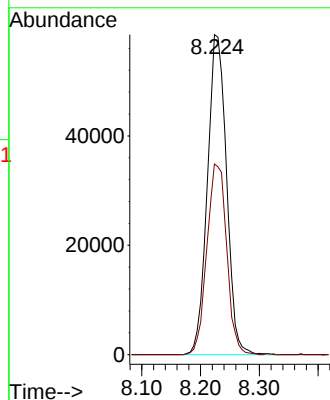
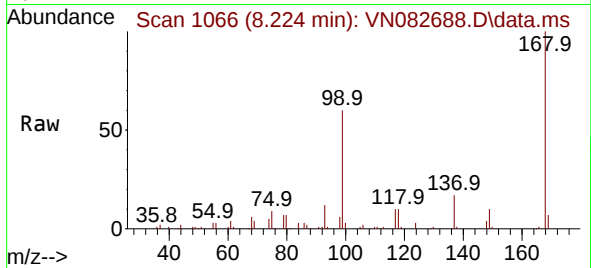




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

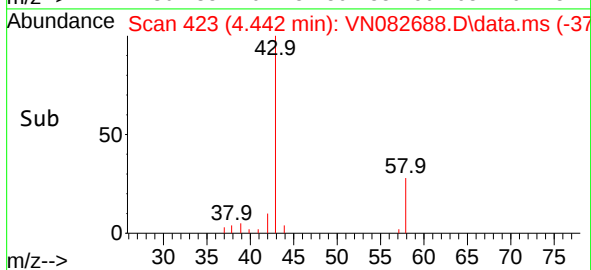
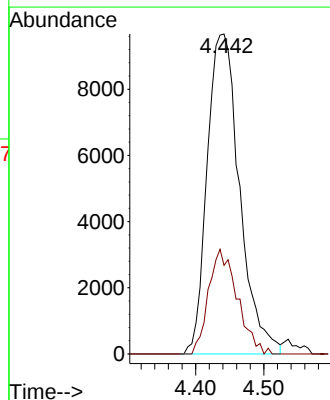
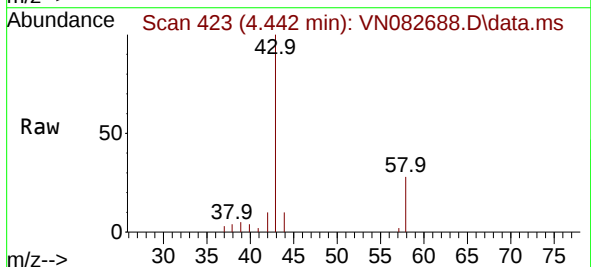
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

Tgt Ion:168 Resp: 132081
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#16
Acetone
Concen: 33.205 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

Tgt Ion: 43 Resp: 31986
Ion Ratio Lower Upper
43 100
58 27.7 21.8 32.6

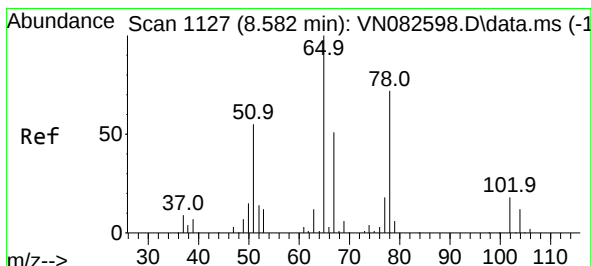
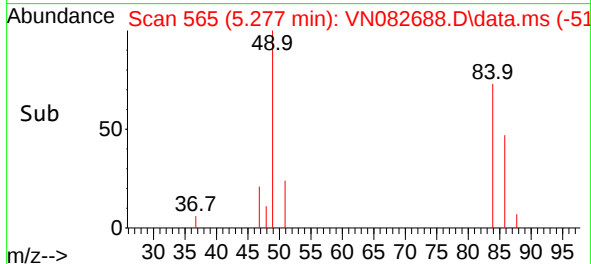
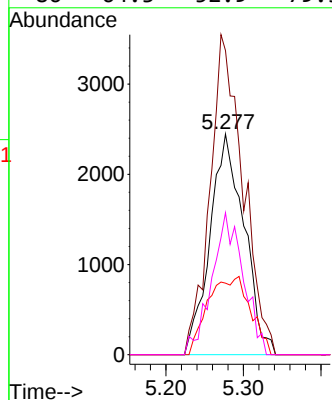
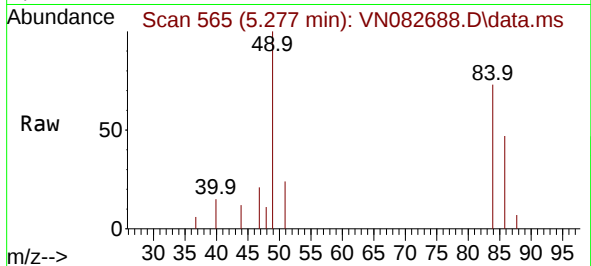




#20
Methylene Chloride
Concen: 4.418 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

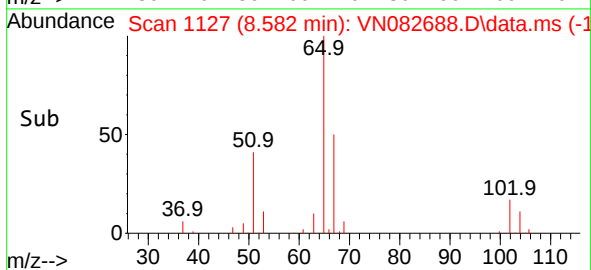
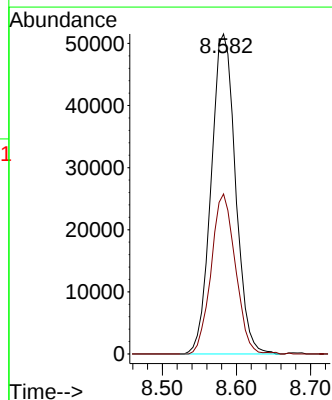
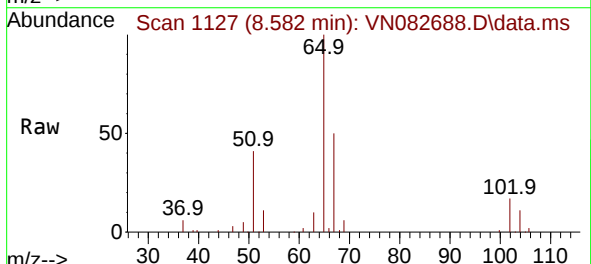
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

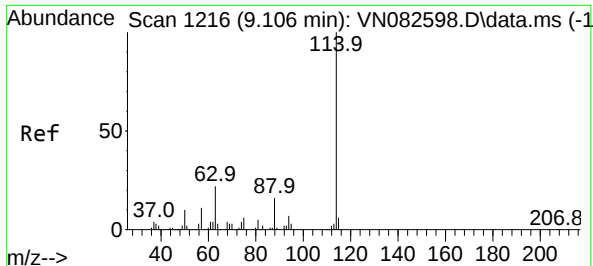
Tgt Ion:	84	Resp:	7482
Ion	Ratio	Lower	Upper
84	100		
49	137.9	119.6	179.4
51	32.5	34.8	52.2#
86	64.3	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 55.441 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

Tgt Ion:	65	Resp:	117430
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082688.D

Acq: 21 Jun 2024 19:25

Instrument :

MSVOA_N

ClientSampleId :

WCS-TPL

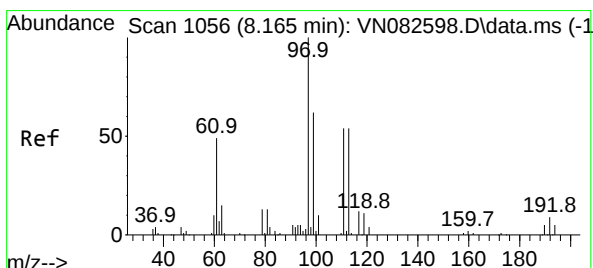
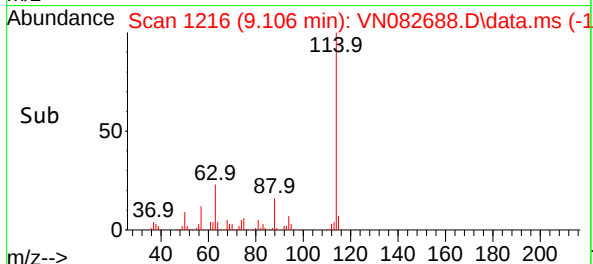
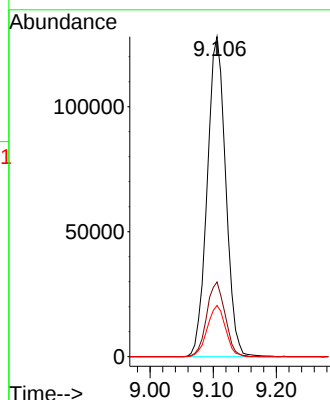
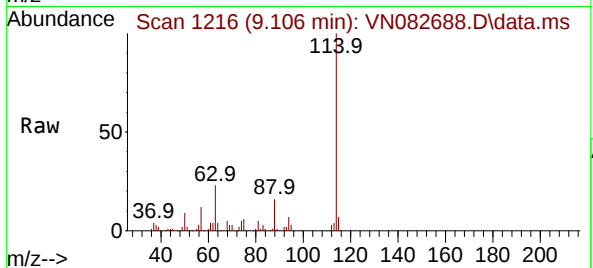
Tgt Ion:114 Resp: 260720

Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.6

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.630 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082688.D

Acq: 21 Jun 2024 19:25

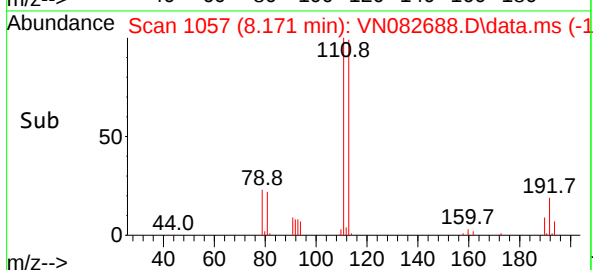
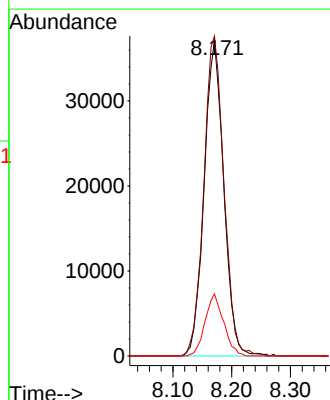
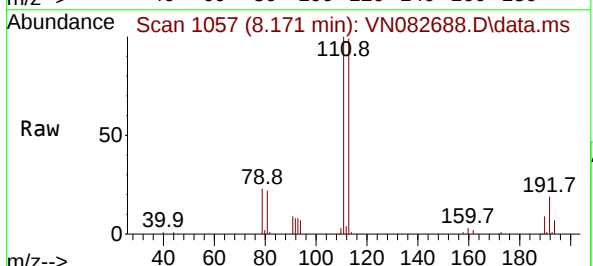
Tgt Ion:113 Resp: 86012

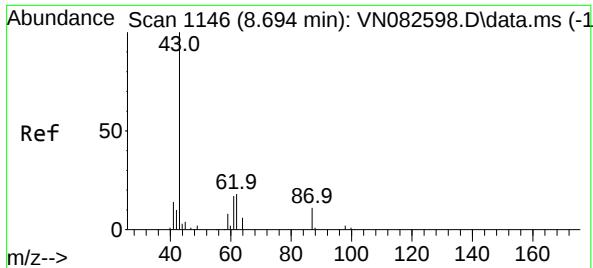
Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 18.7 14.9 22.3

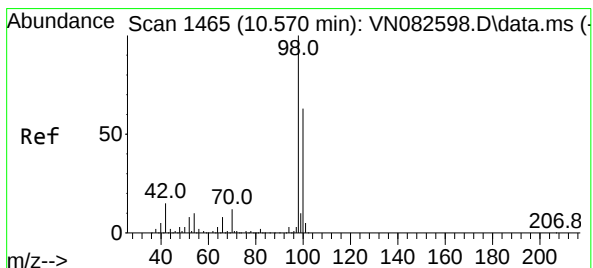
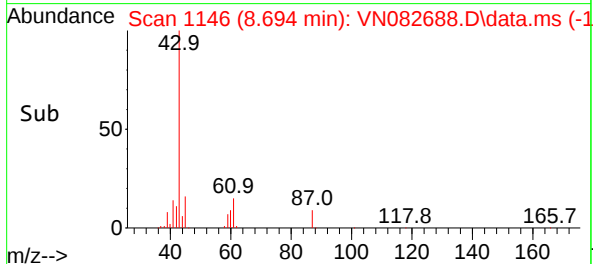
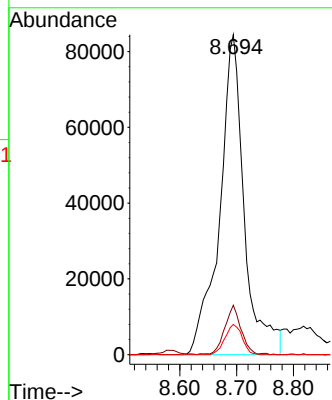
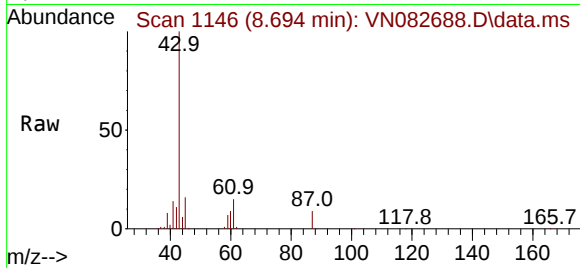




#43
Isopropyl Acetate
Concen: 40.488 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

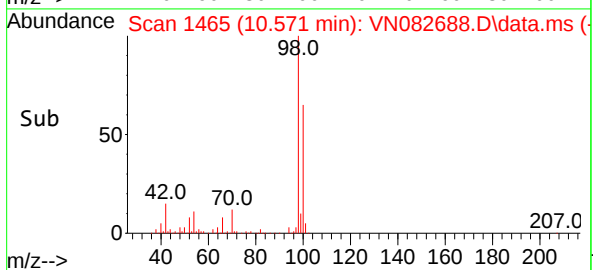
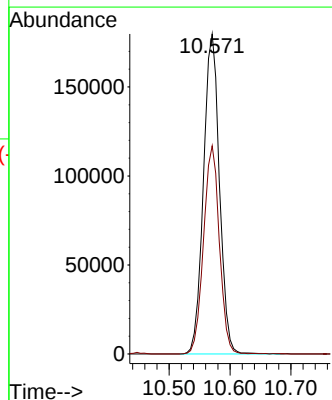
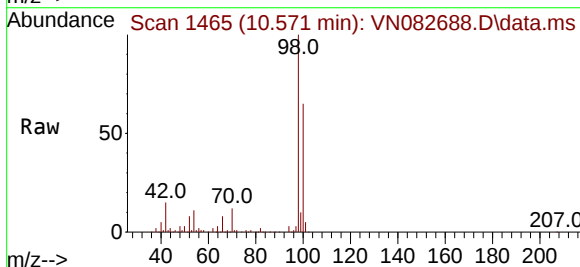
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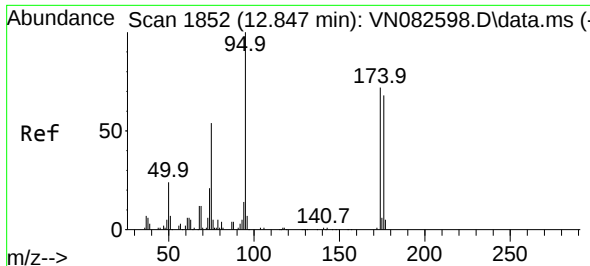
Tgt Ion: 43 Resp: 254842
Ion Ratio Lower Upper
43 100
61 10.2 17.8 26.6#
87 6.6 8.2 12.2#



#50
Toluene-d8
Concen: 48.855 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

Tgt Ion: 98 Resp: 326771
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

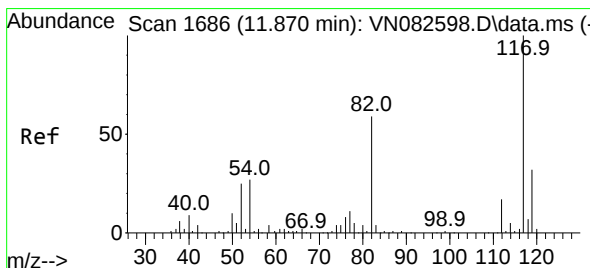
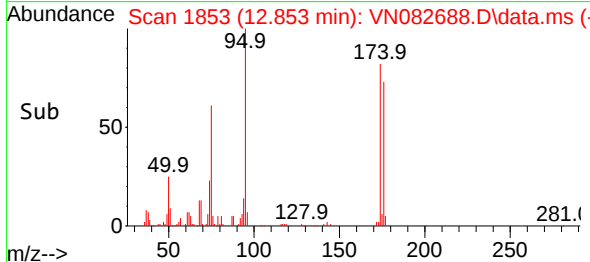
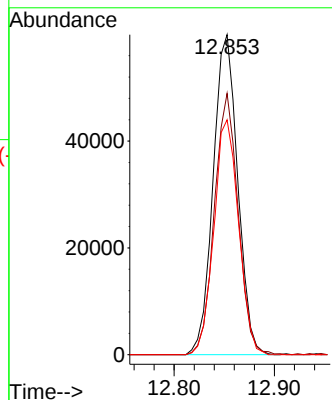
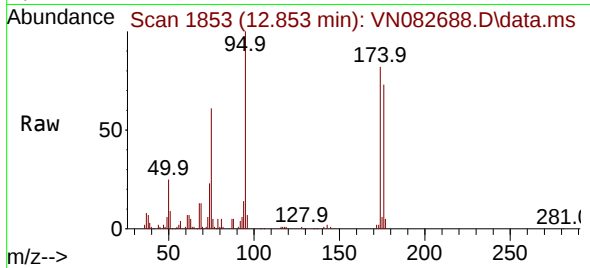




#62
4-Bromofluorobenzene
Concen: 44.150 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

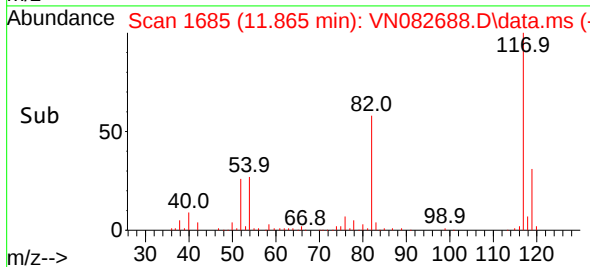
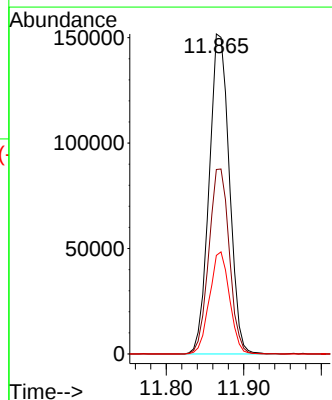
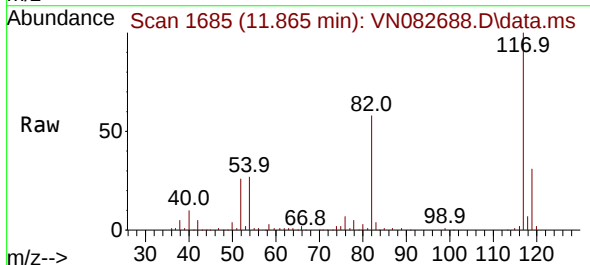
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

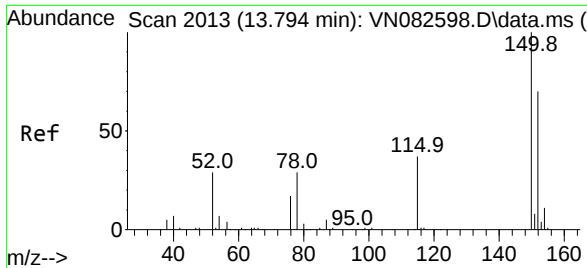
Tgt Ion: 95 Resp: 101810
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.2
176 74.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

Tgt Ion:117 Resp: 274185
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 30.8 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082688.D
Acq: 21 Jun 2024 19:25

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPL

Tgt Ion:152 Resp: 104210
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 155.8 0.0 348.6

