

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082805.D
 Acq On : 03 Jul 2024 16:03
 Operator : JC\MD
 Sample : P3152-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 442

Quant Time: Jul 04 00:00:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

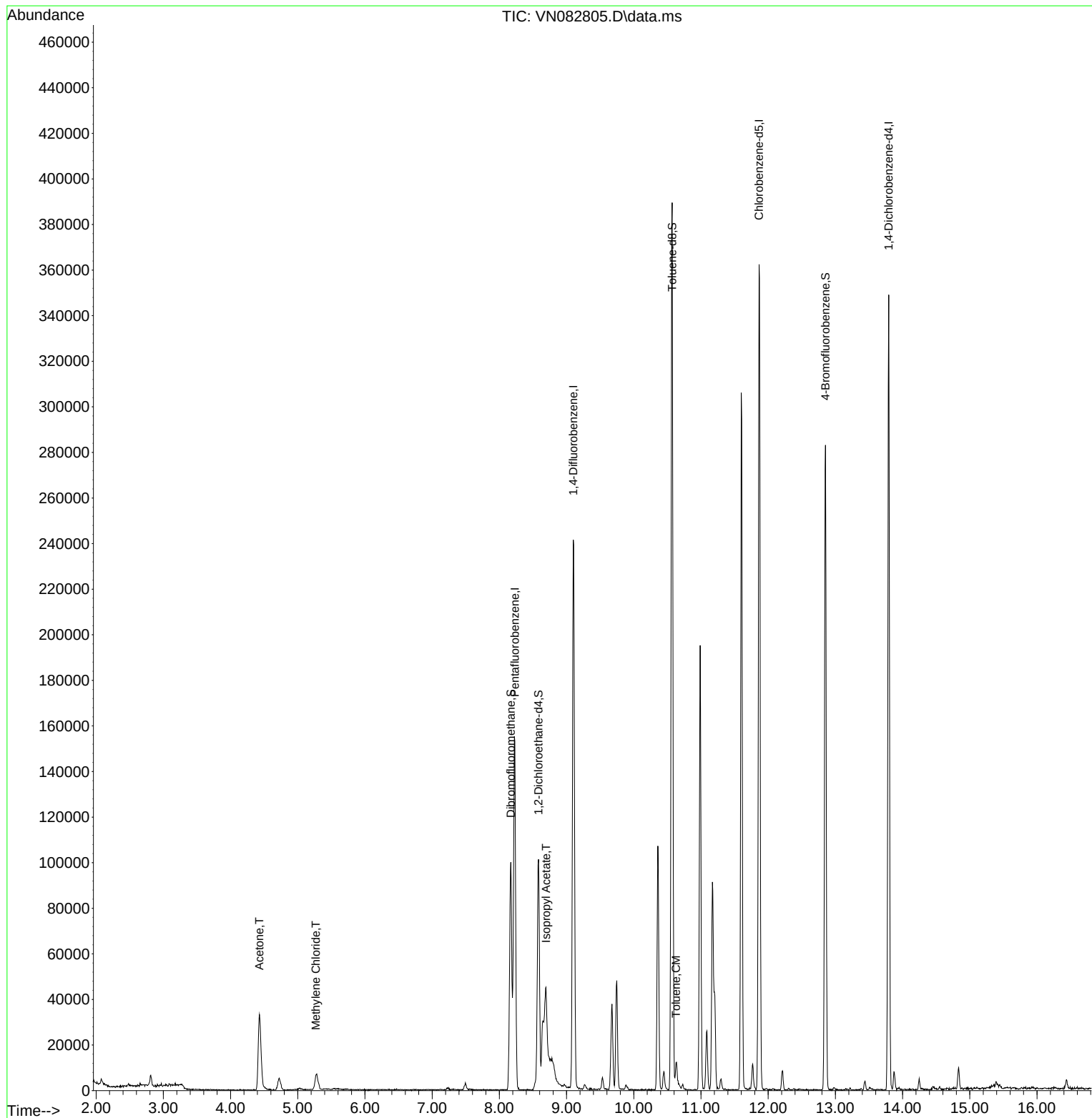
Internal Standards						
1) Pentafluorobenzene	8.230	168	108731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	210067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	85637	51.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.140%
35) Dibromofluoromethane	8.171	113	70015	50.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	10.571	98	265485	51.327	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.853	95	94732	53.331	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.660%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	63463	99.895	ug/l #	89
20) Methylene Chloride	5.271	84	5844	3.635	ug/l #	74
43) Isopropyl Acetate	8.694	43	84150	22.569	ug/l #	73
52) Toluene	10.629	92	5295	1.383	ug/l	98

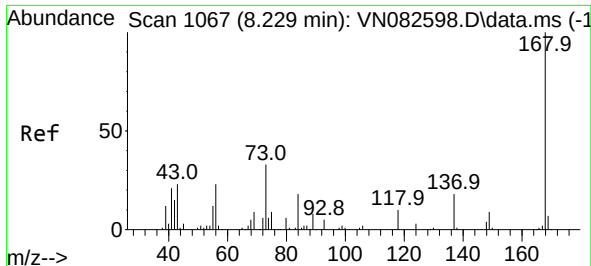
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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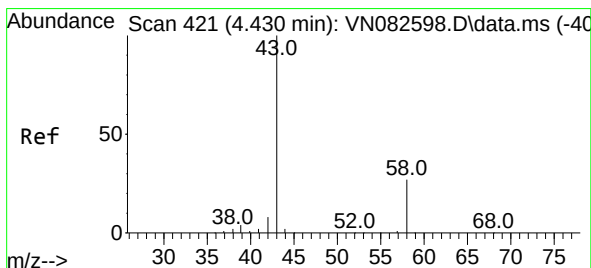
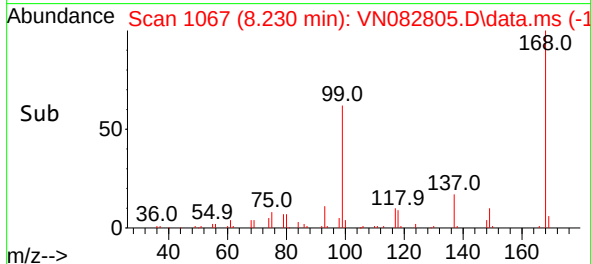
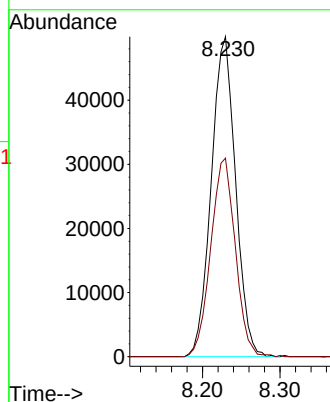
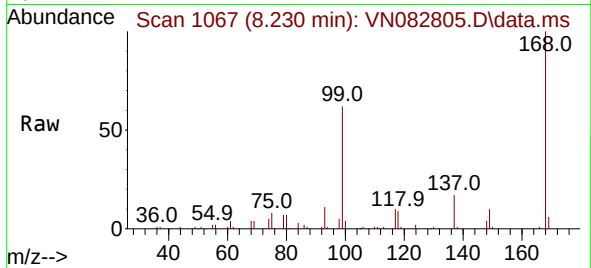




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

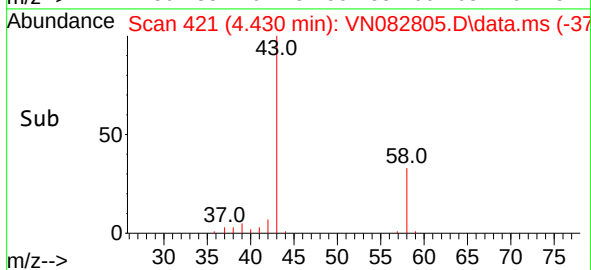
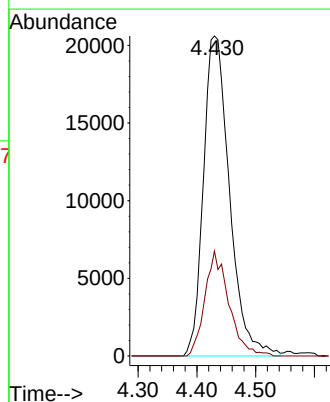
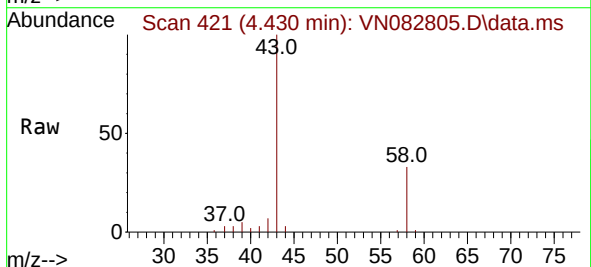
Instrument :
MSVOA_N
ClientSampleId :
442

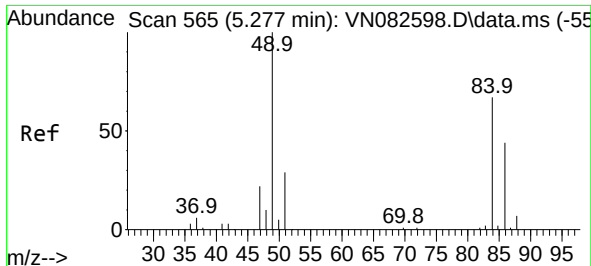
Tgt Ion:168 Resp: 108731
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#16
Acetone
Concen: 99.895 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion: 43 Resp: 63463
Ion Ratio Lower Upper
43 100
58 32.8 21.8 32.6#

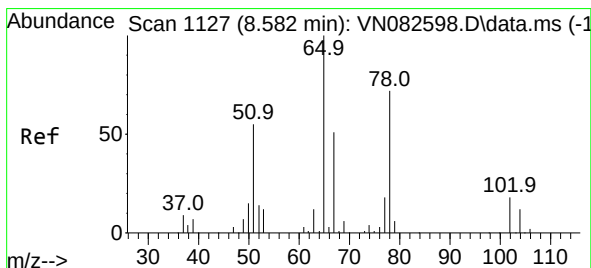
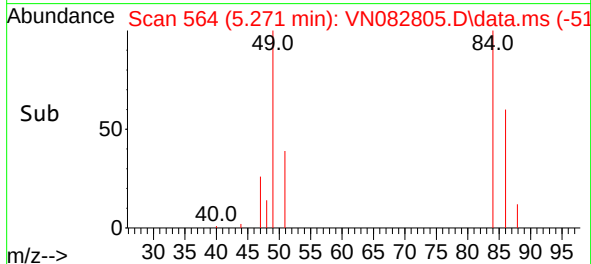
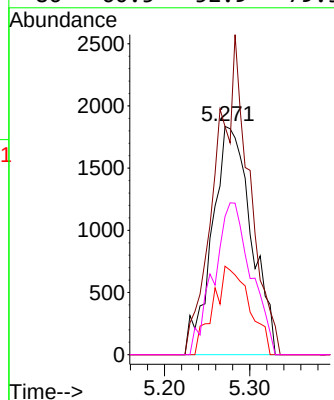
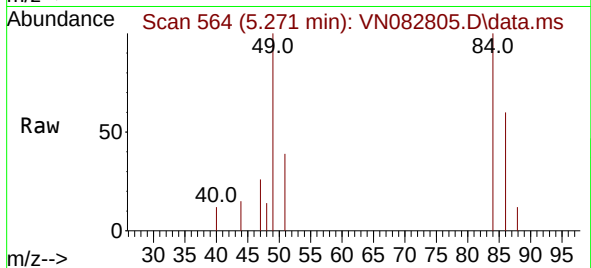




#20
Methylene Chloride
Concen: 3.635 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

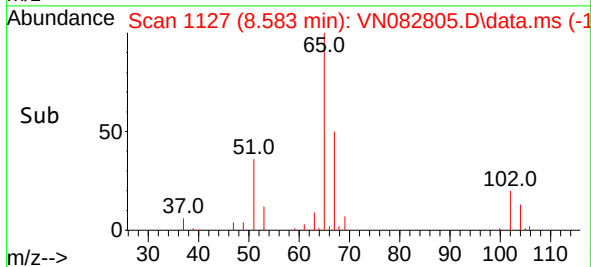
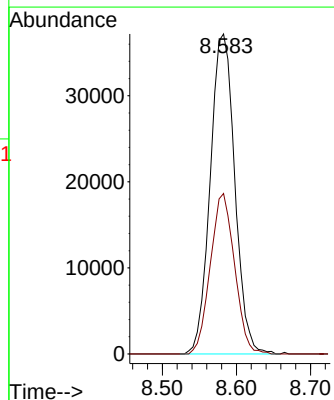
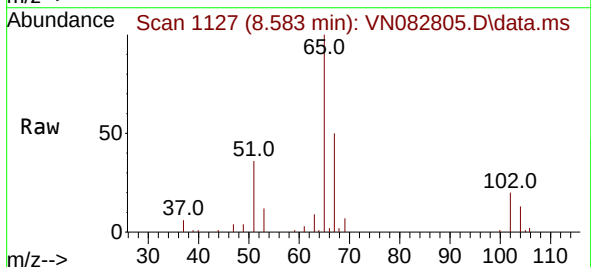
Instrument :
MSVOA_N
ClientSampleId :
442

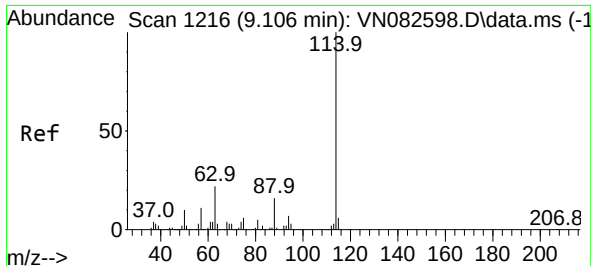
Tgt Ion: 84	Resp: 5844
Ion Ratio	Lower Upper
84 100	
49 100.0	119.6 179.4#
51 38.7	34.8 52.2
86 60.5	52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 51.072 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion: 65	Resp: 85637
Ion Ratio	Lower Upper
65 100	
67 49.4	0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082805.D

Acq: 03 Jul 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

442

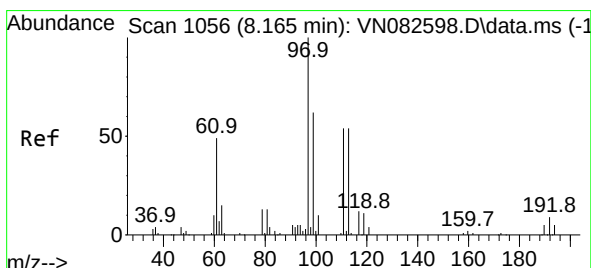
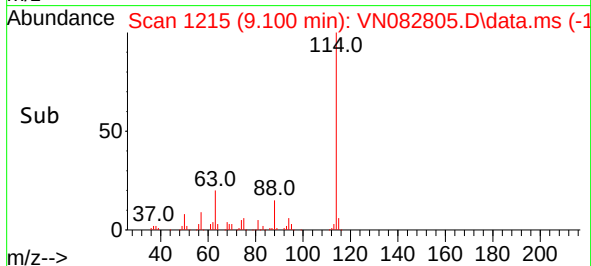
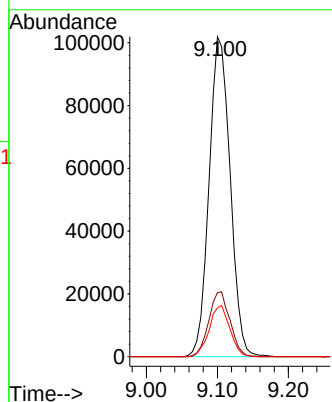
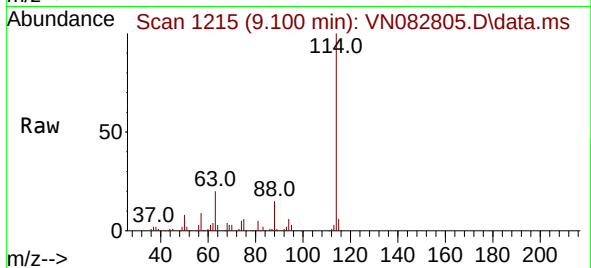
Tgt Ion:114 Resp: 210067

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.6

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.623 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082805.D

Acq: 03 Jul 2024 16:03

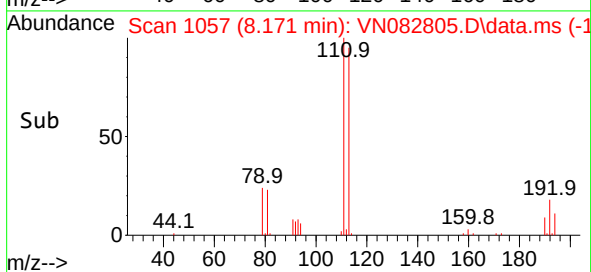
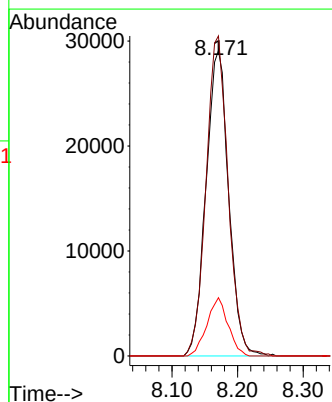
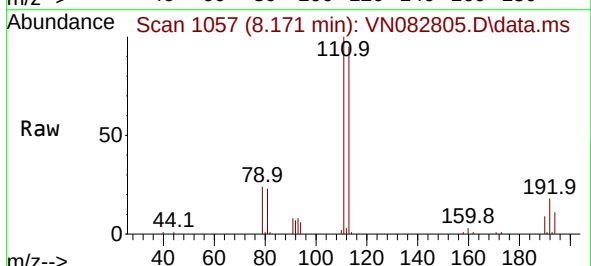
Tgt Ion:113 Resp: 70015

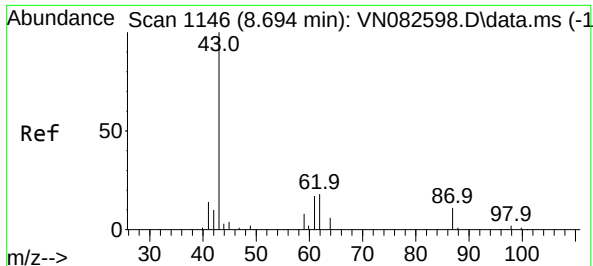
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 17.8 14.9 22.3

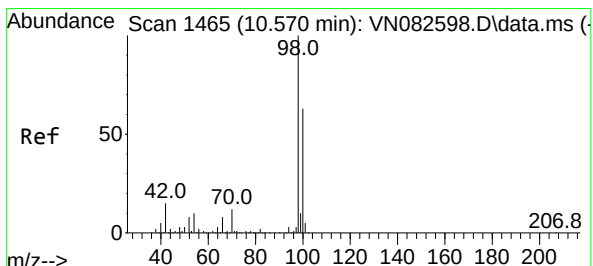
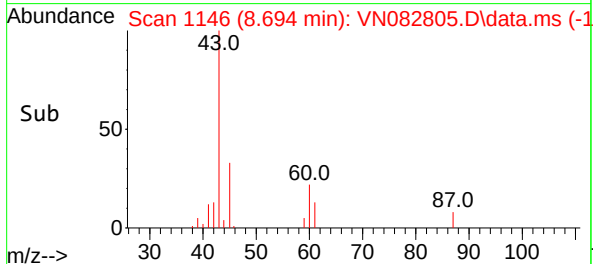
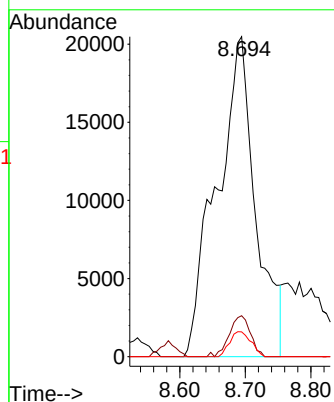
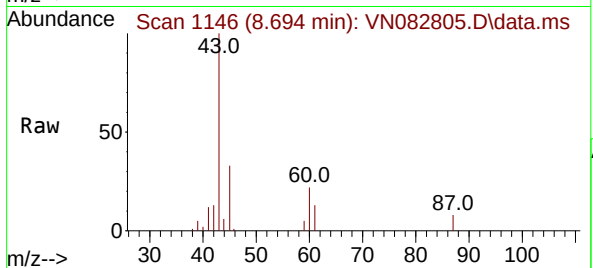




#43
Isopropyl Acetate
Concen: 22.569 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

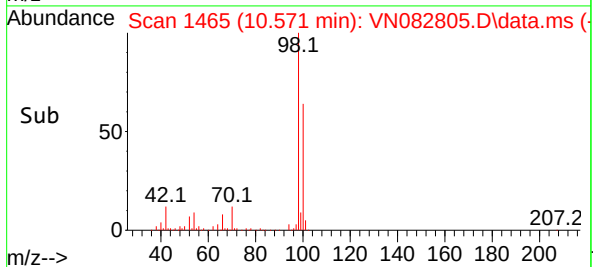
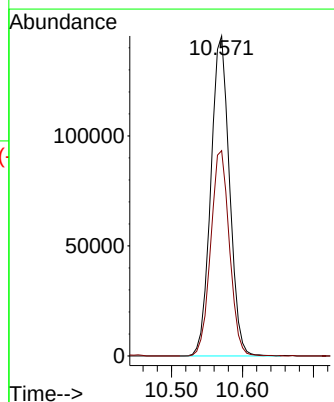
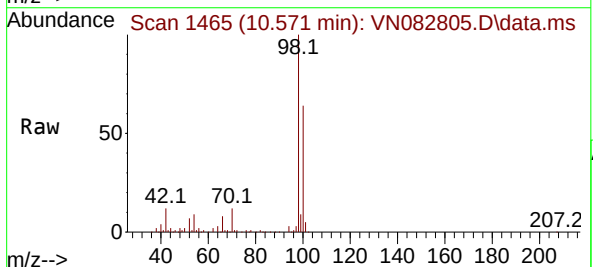
Instrument :
MSVOA_N
ClientSampleId :
442

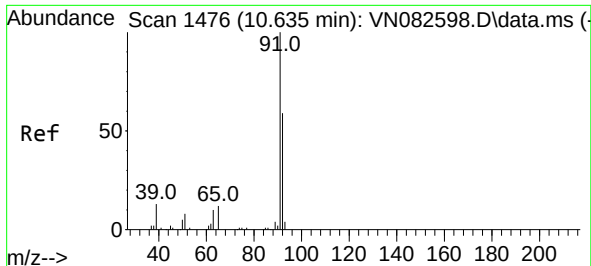
Tgt Ion: 43 Resp: 84150
Ion Ratio Lower Upper
43 100
61 7.0 17.8 26.6#
87 4.3 8.2 12.2#



#50
Toluene-d8
Concen: 51.327 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion: 98 Resp: 265485
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

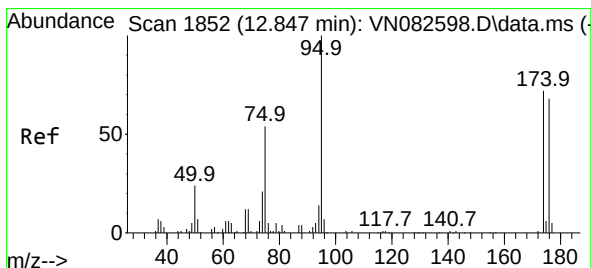
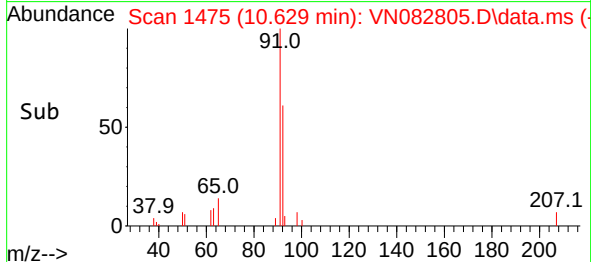
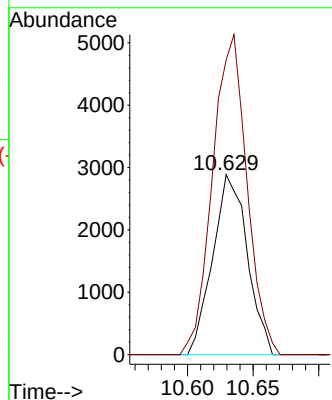
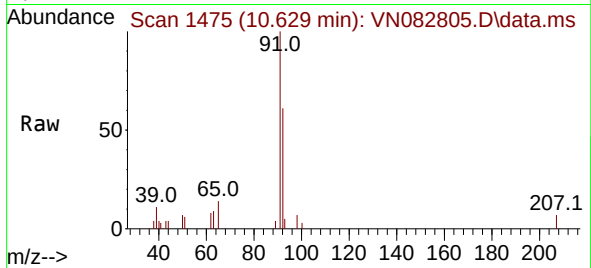




#52
Toluene
Concen: 1.383 ug/l
RT: 10.629 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

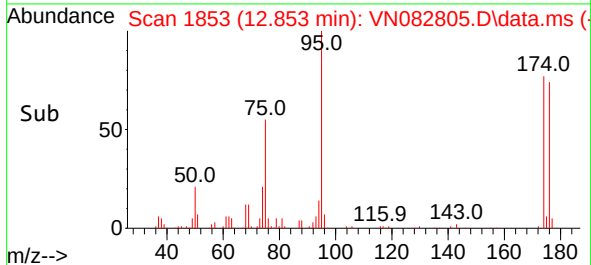
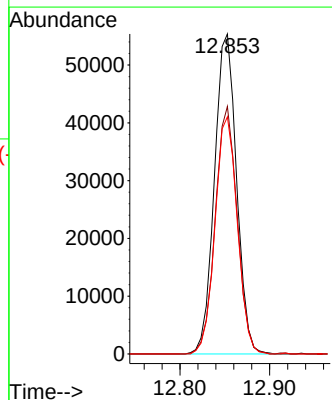
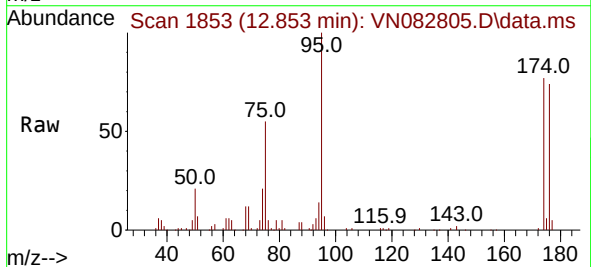
Instrument :
MSVOA_N
ClientSampleId :
442

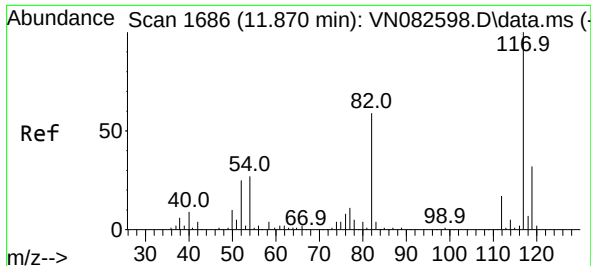
Tgt Ion: 92 Resp: 5295
Ion Ratio Lower Upper
92 100
91 176.6 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 53.331 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion: 95 Resp: 94732
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.2
176 74.6 0.0 147.6

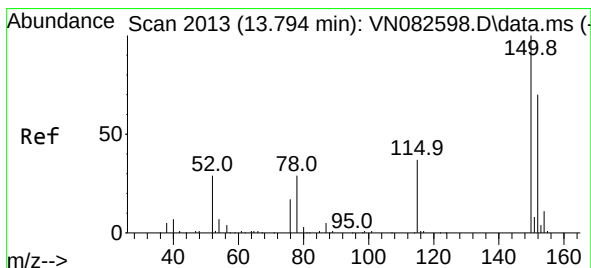
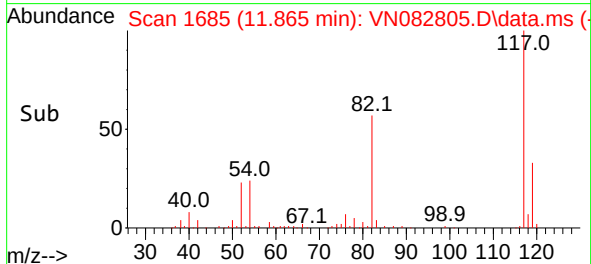
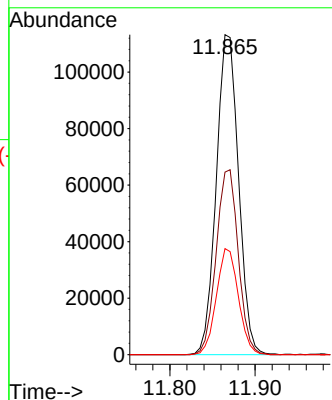
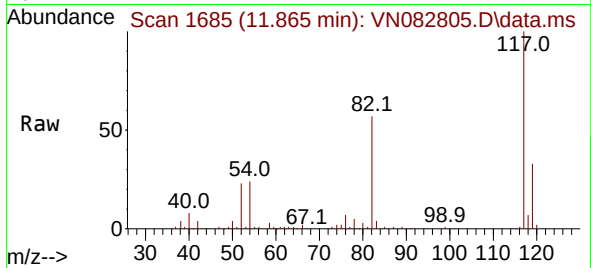




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082805.D
Acq: 03 Jul 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :
442

Tgt Ion:117 Resp: 205949
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 33.1 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: VN082805.D
Acq: 03 Jul 2024 16:03

Tgt Ion:152 Resp: 88804
Ion Ratio Lower Upper
152 100
115 61.2 30.6 91.6
150 158.9 0.0 348.6

