

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082442.D
 Acq On : 03 Jun 2024 18:27
 Operator : JC\MD
 Sample : PB161254ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#09

Quant Time: Jun 04 00:33:47 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)

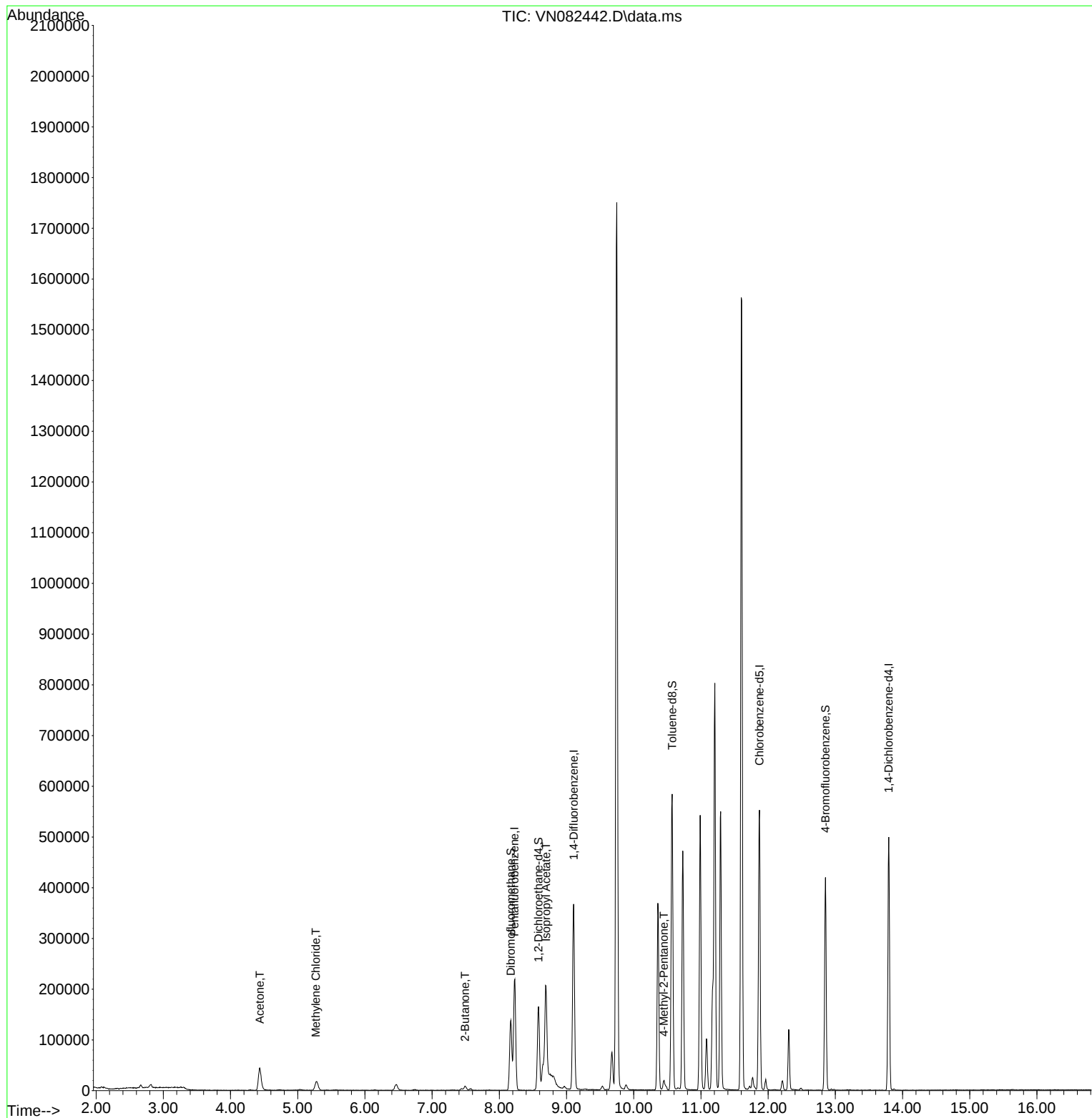
Internal Standards						
1) Pentafluorobenzene	8.224	168	155027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	289004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135778	55.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.940%
35) Dibromofluoromethane	8.171	113	96100	54.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.820%
50) Toluene-d8	10.571	98	376617	56.130	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.260%
62) 4-Bromofluorobenzene	12.853	95	132456	55.309	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	110.620%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	86031	85.673	ug/l	93
20) Methylene Chloride	5.271	84	12917	6.375	ug/l #	86
25) 2-Butanone	7.489	43	13992	9.190	ug/l #	78
43) Isopropyl Acetate	8.694	43	306556	52.669	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	20657	6.246	ug/l #	72

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

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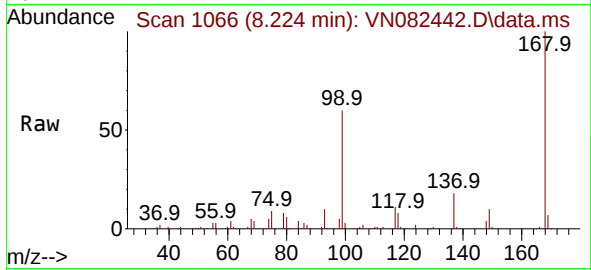
Quant Time: Jun 04 00:33:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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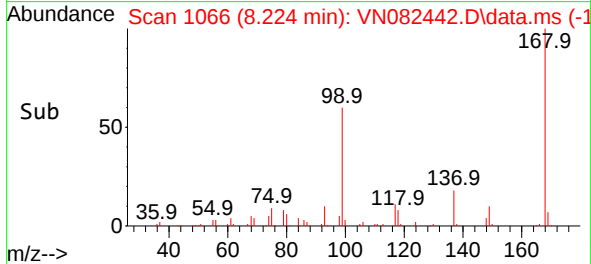
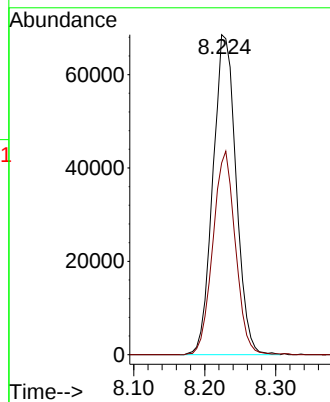


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#09

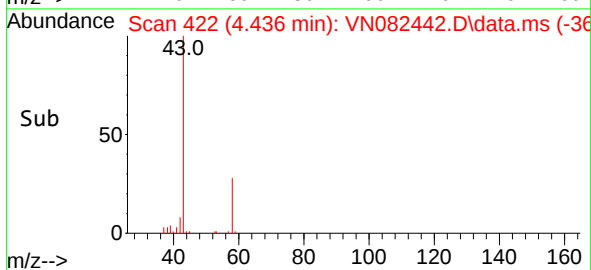
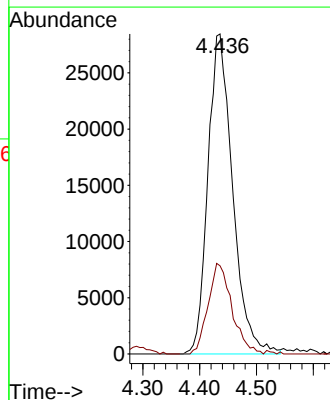
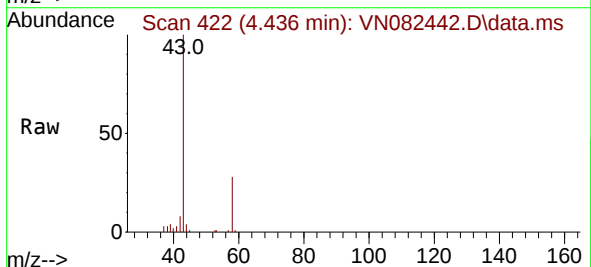


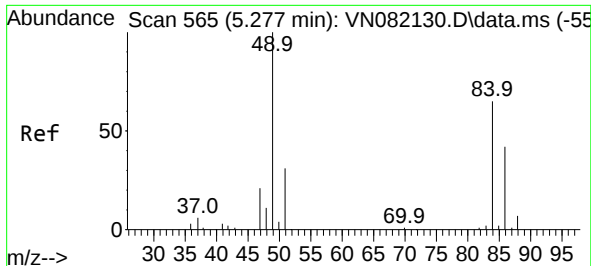
Tgt Ion:168 Resp: 155027
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#16
Acetone
Concen: 85.673 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

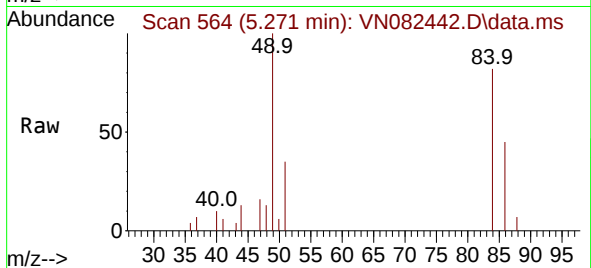
Tgt Ion: 43 Resp: 86031
Ion Ratio Lower Upper
43 100
58 27.5 25.2 37.8



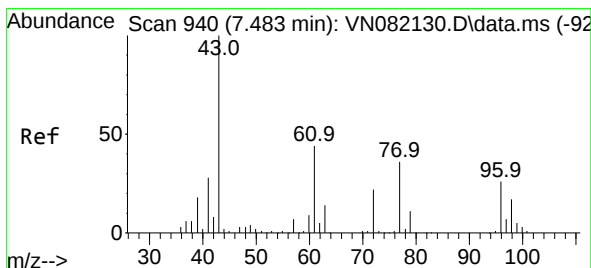
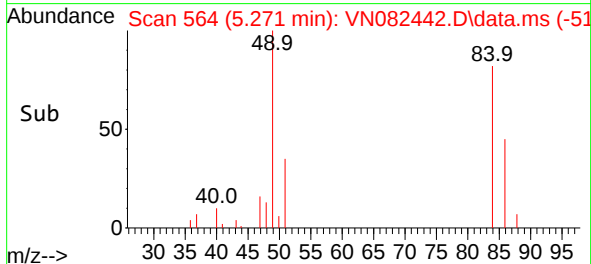
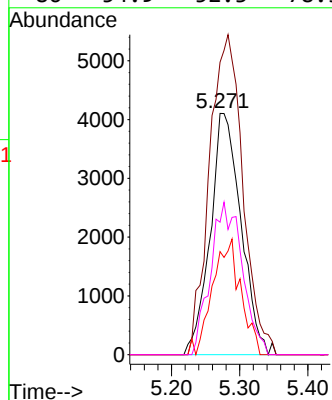


#20
Methylene Chloride
Concen: 6.375 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#09

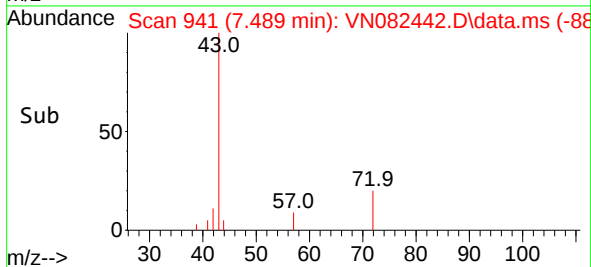
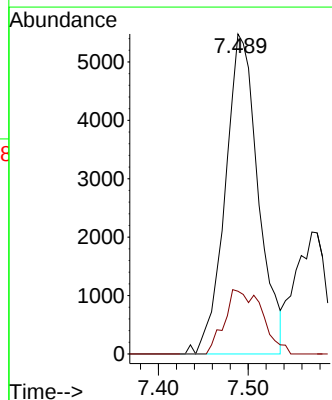
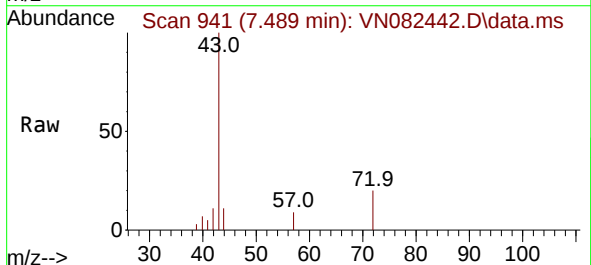


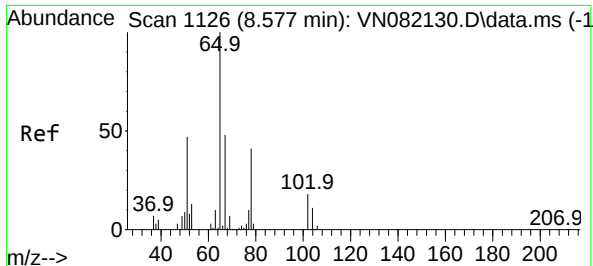
Tgt Ion:	84	Resp:	12917
Ion	Ratio	Lower	Upper
84	100		
49	121.2	84.9	127.3
51	42.7	27.0	40.6#
86	54.9	52.3	78.5



#25
2-Butanone
Concen: 9.190 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion:	43	Resp:	13992
Ion	Ratio	Lower	Upper
43	100		
72	19.6	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 55.467 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082442.D

Acq: 03 Jun 2024 18:27

Instrument :

MSVOA_N

ClientSampleId :

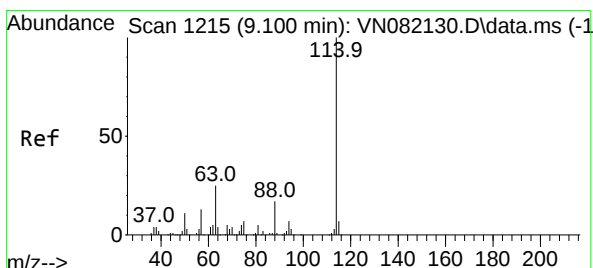
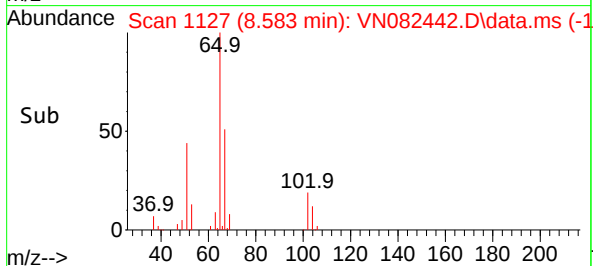
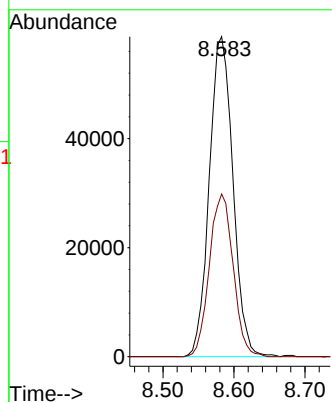
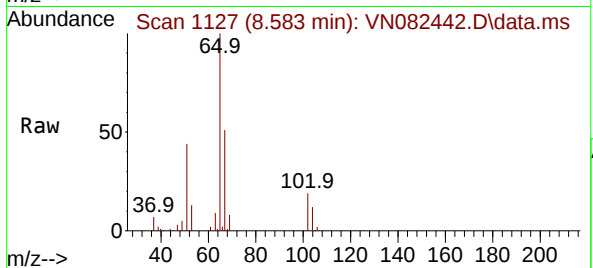
PB161254ZHE#09

Tgt Ion: 65 Resp: 135778

Ion Ratio Lower Upper

65 100

67 51.1 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: VN082442.D

Acq: 03 Jun 2024 18:27

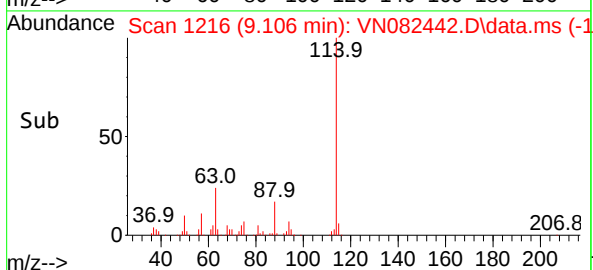
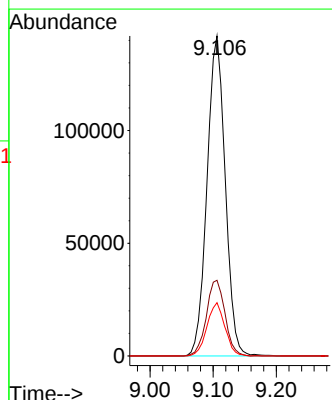
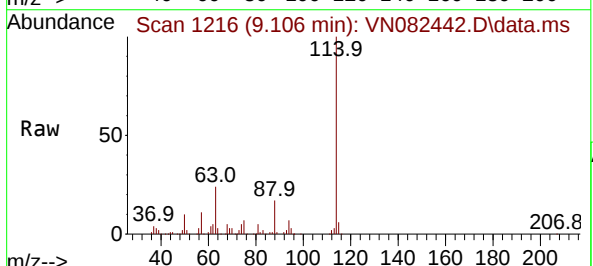
Tgt Ion: 114 Resp: 284495

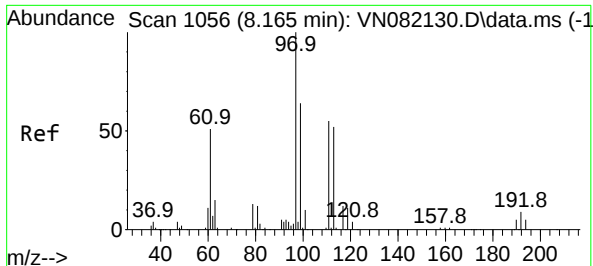
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.912 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082442.D

Acq: 03 Jun 2024 18:27

Instrument :

MSVOA_N

ClientSampleId :

PB161254ZHE#09

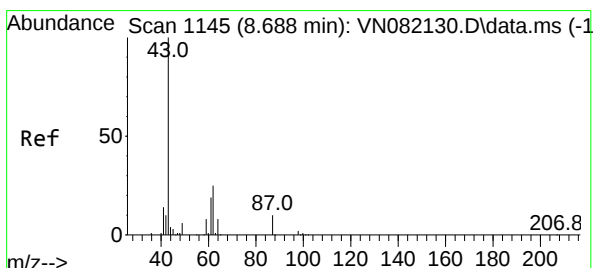
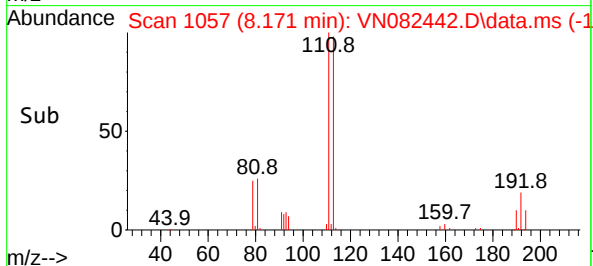
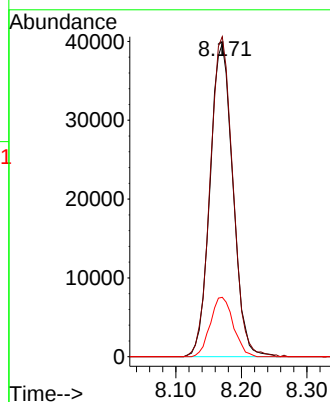
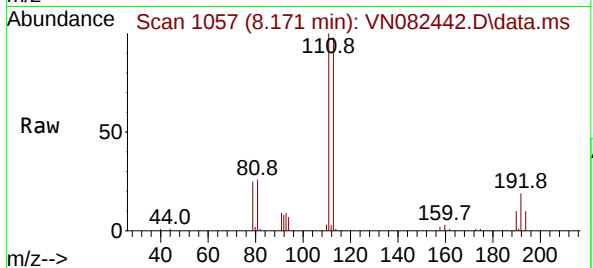
Tgt Ion:113 Resp: 96100

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

192 19.0 14.0 21.0



#43

Isopropyl Acetate

Concen: 52.669 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082442.D

Acq: 03 Jun 2024 18:27

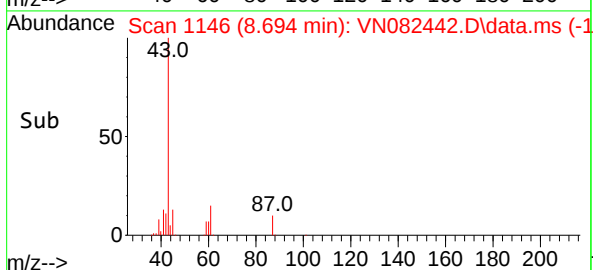
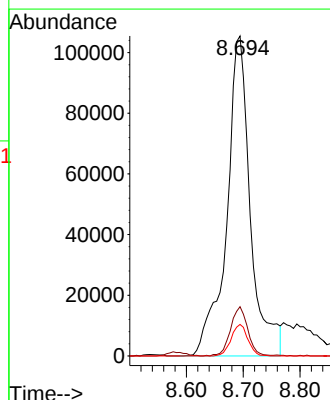
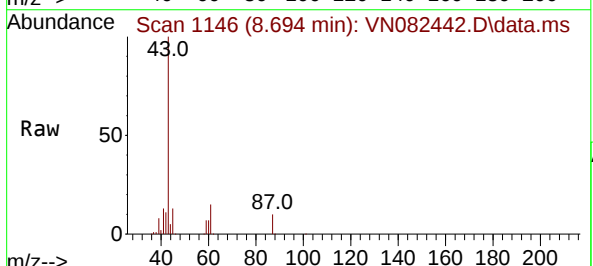
Tgt Ion: 43 Resp: 306556

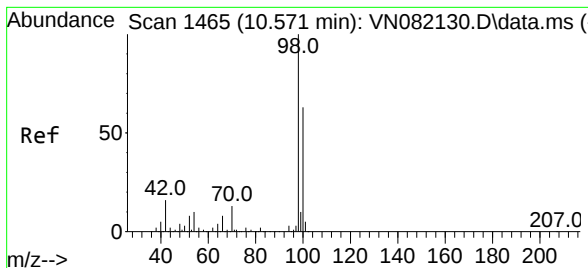
Ion Ratio Lower Upper

43 100

61 11.2 22.8 34.2#

87 6.9 12.0 18.0#

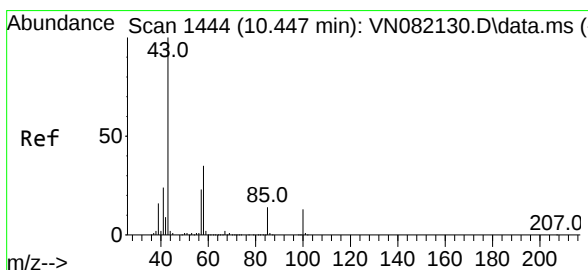
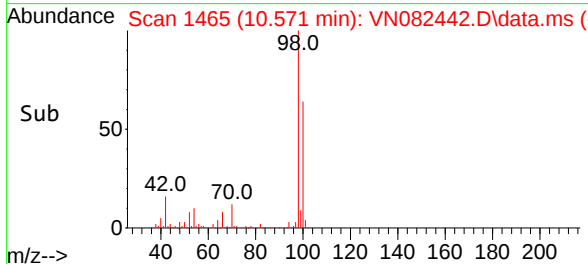
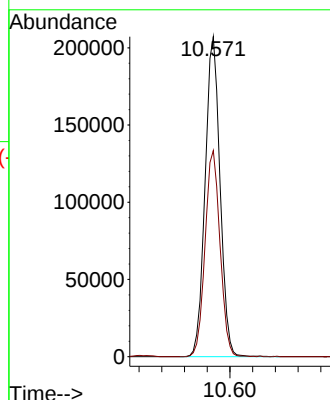
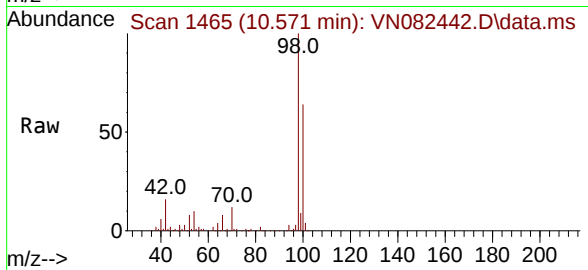




#50
Toluene-d8
Concen: 56.130 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

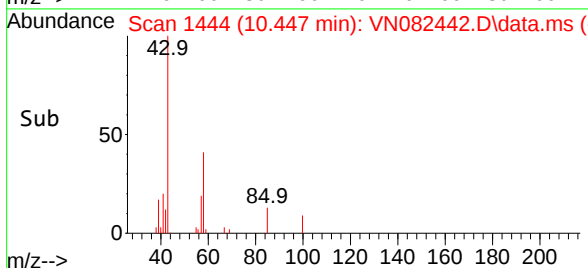
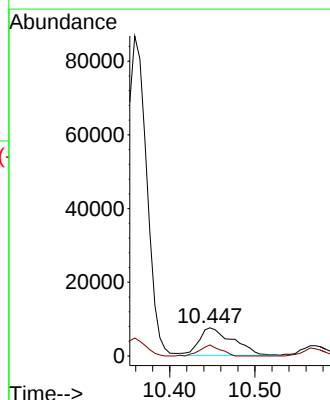
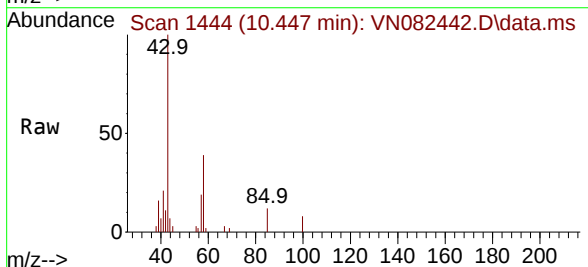
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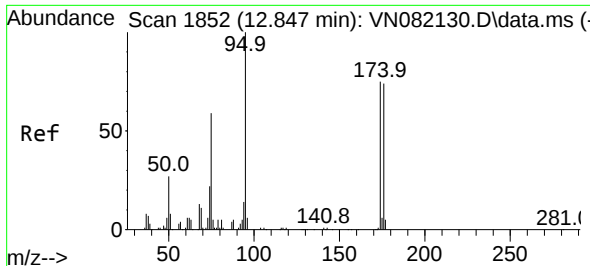
Tgt Ion: 98 Resp: 376617
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 6.246 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

Tgt Ion: 43 Resp: 20657
Ion Ratio Lower Upper
43 100
58 24.1 33.2 49.8#

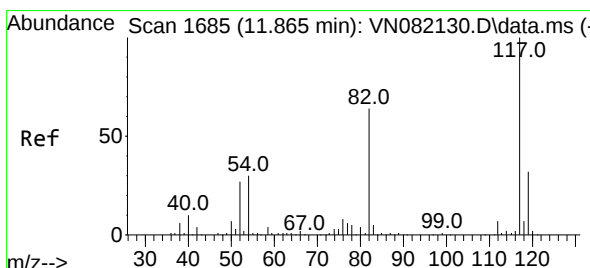
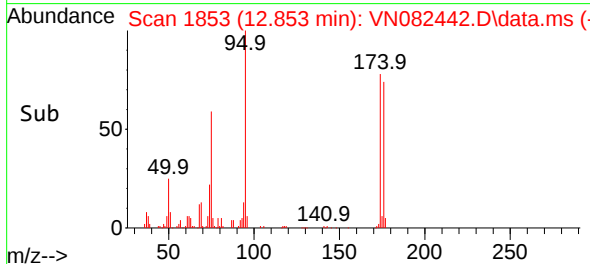
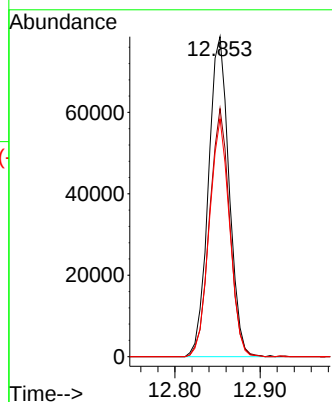
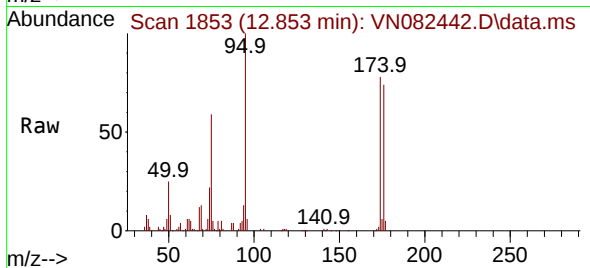




#62
4-Bromofluorobenzene
Concen: 55.309 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

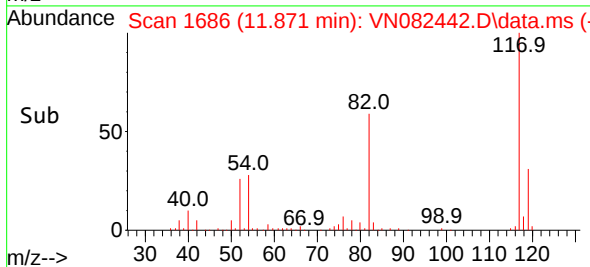
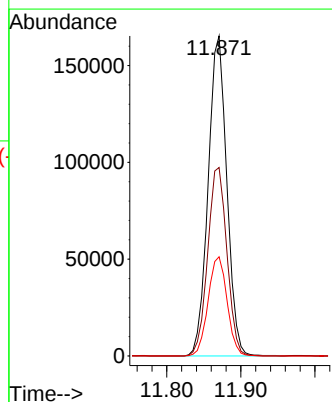
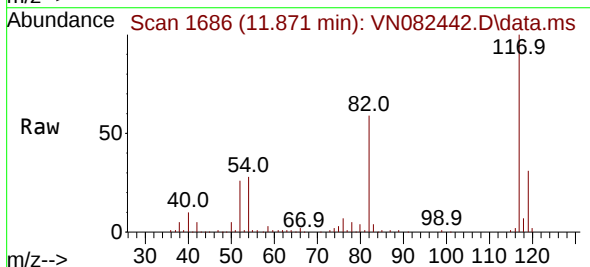
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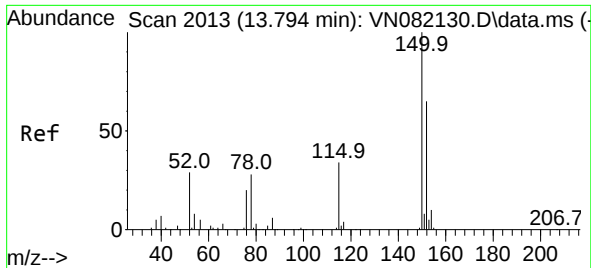
Tgt Ion: 95 Resp: 132456
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 72.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082442.D
Acq: 03 Jun 2024 18:27

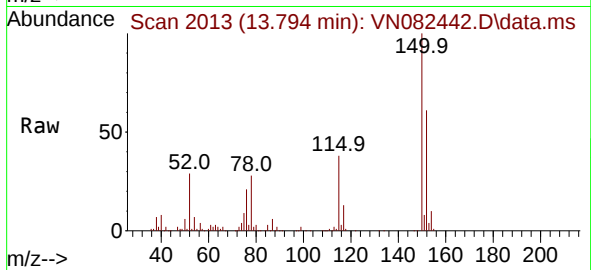
Tgt Ion: 117 Resp: 289004
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 31.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082442.D
 Acq: 03 Jun 2024 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#09



Tgt Ion:152 Resp: 124403
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.4 91.3
 150 158.3 0.0 353.2

