

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082436.D
 Acq On : 03 Jun 2024 16:00
 Operator : JC\MD
 Sample : PB161254ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#03

Quant Time: Jun 04 00:31:01 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)

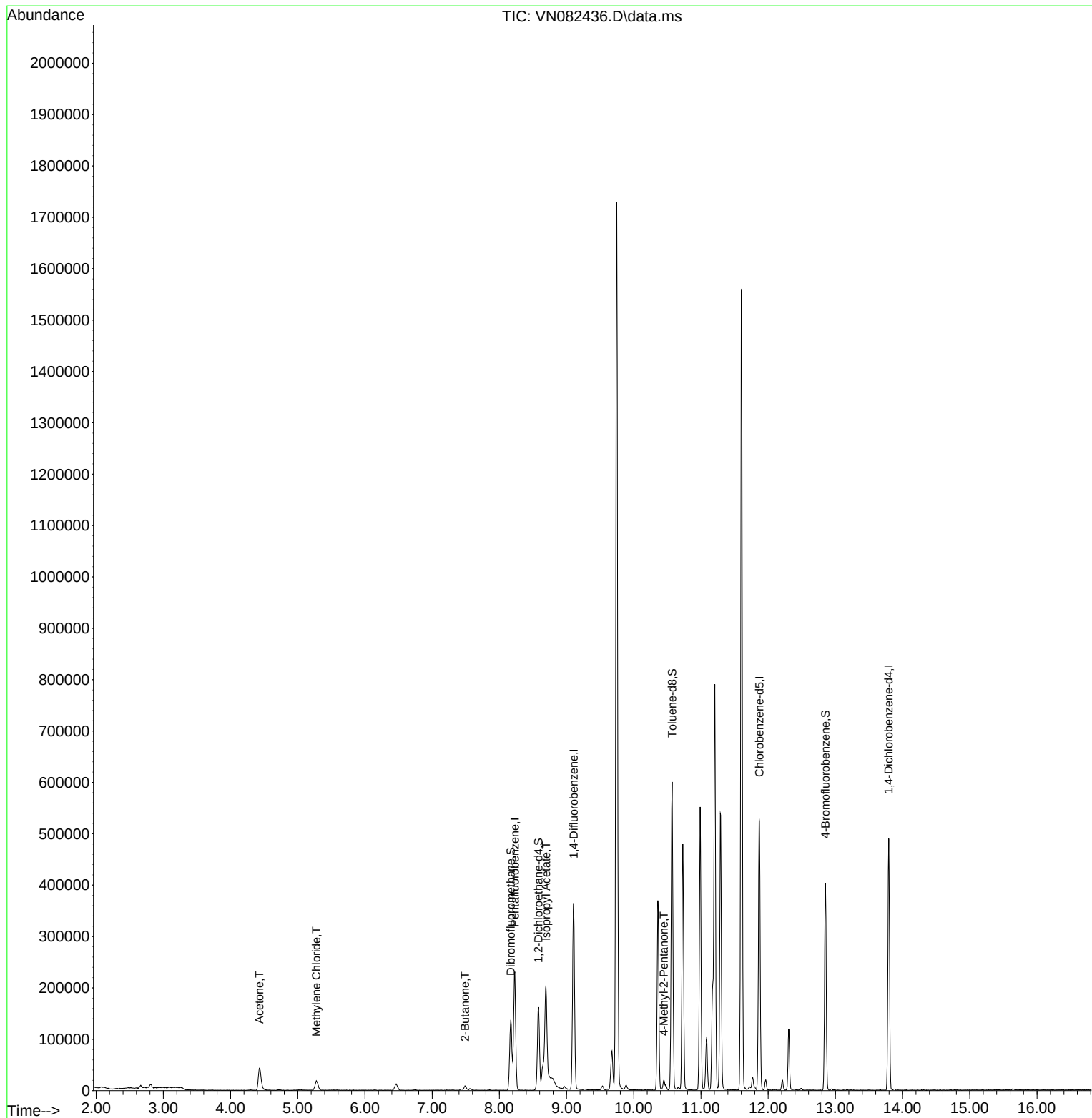
Internal Standards						
1) Pentafluorobenzene	8.229	168	156740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	284736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134416	54.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.620%	
35) Dibromofluoromethane	8.171	113	94993	53.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.660%	
50) Toluene-d8	10.570	98	376435	55.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.240%	
62) 4-Bromofluorobenzene	12.853	95	130876	53.696	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	85856	84.564	ug/l	92
20) Methylene Chloride	5.277	84	12788	6.243	ug/l	88
25) 2-Butanone	7.488	43	14476	9.404	ug/l #	73
43) Isopropyl Acetate	8.694	43	334434	56.456	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	20108	5.974	ug/l #	73

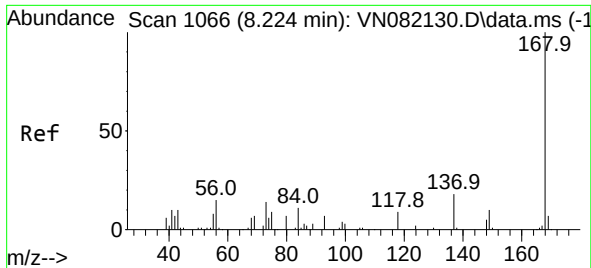
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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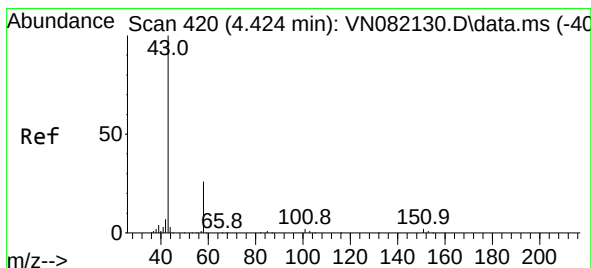
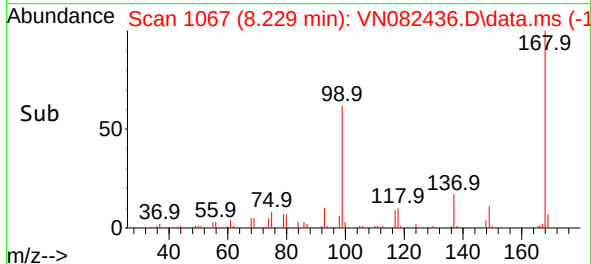
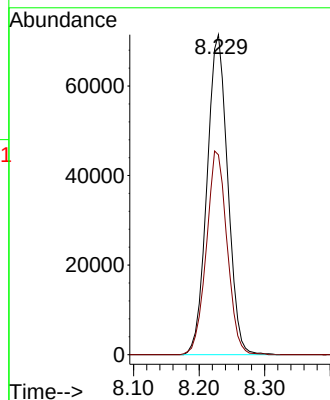
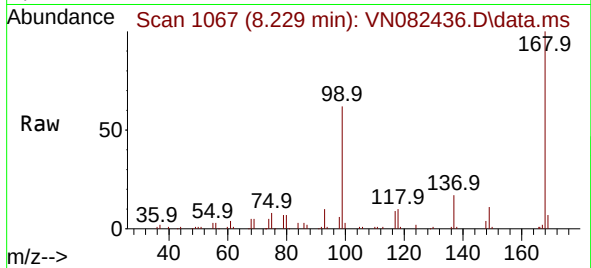




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

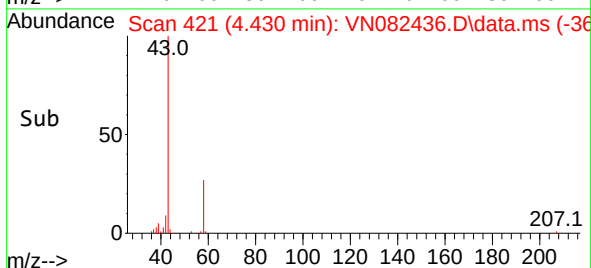
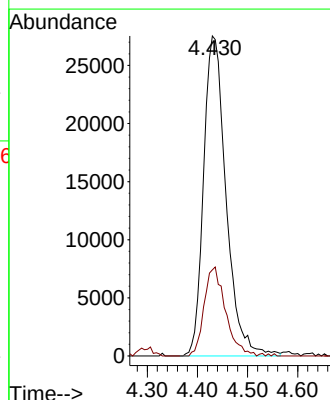
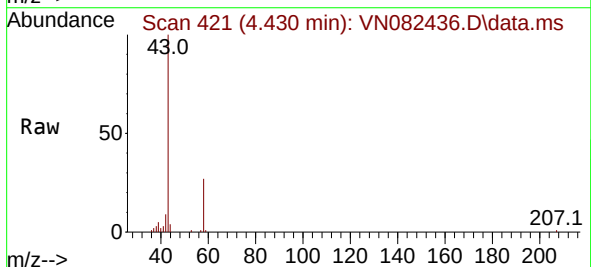
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#03

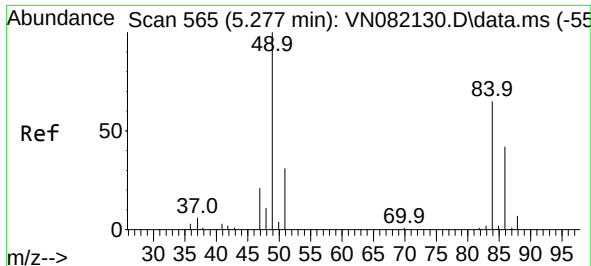
Tgt Ion:168 Resp: 156740
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#16
Acetone
Concen: 84.564 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

Tgt Ion: 43 Resp: 85856
Ion Ratio Lower Upper
43 100
58 26.9 25.2 37.8

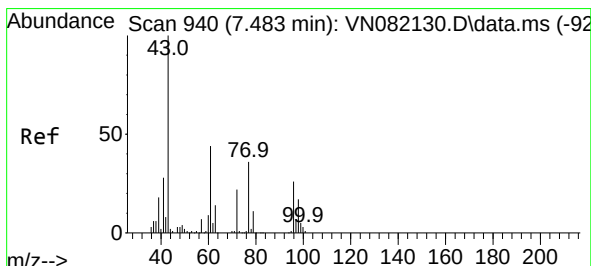
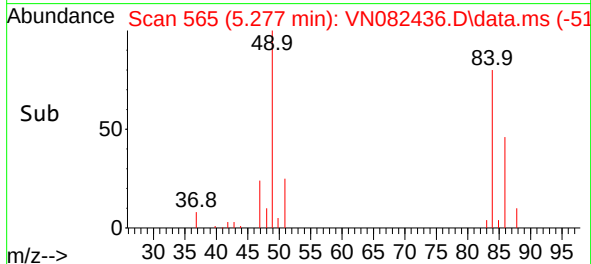
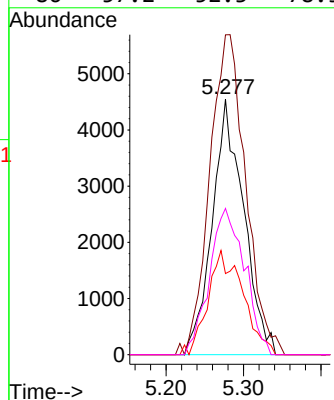
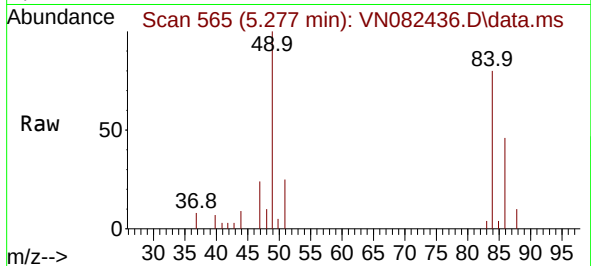




#20
Methylene Chloride
Concen: 6.243 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

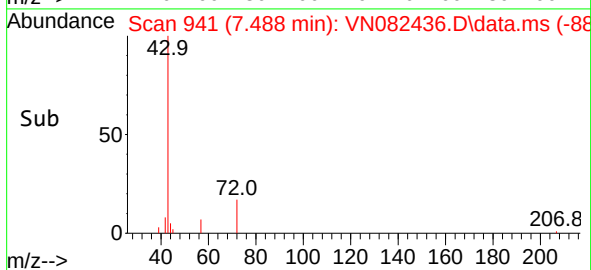
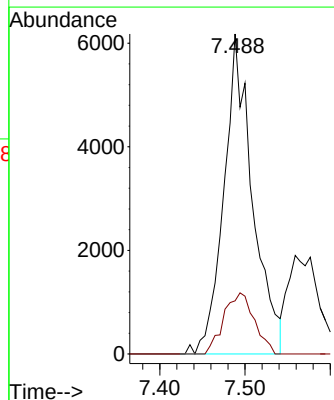
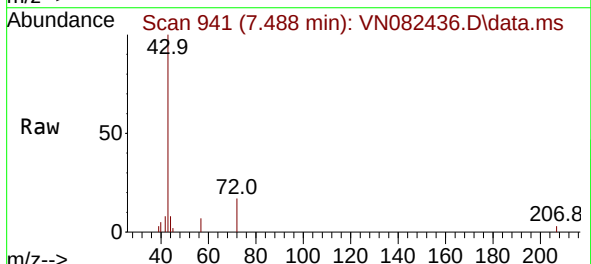
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#03

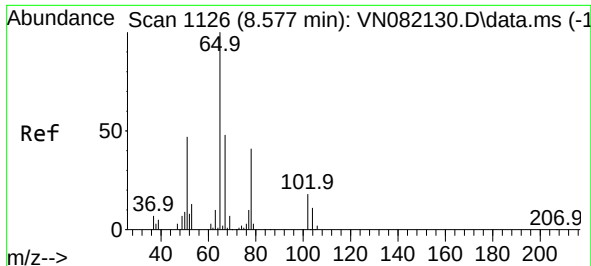
Tgt Ion:	84	Resp:	12788
Ion	Ratio	Lower	Upper
84	100		
49	121.5	84.9	127.3
51	31.8	27.0	40.6
86	57.2	52.3	78.5



#25
2-Butanone
Concen: 9.404 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

Tgt Ion:	43	Resp:	14476
Ion	Ratio	Lower	Upper
43	100		
72	16.6	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 54.310 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082436.D

Acq: 03 Jun 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

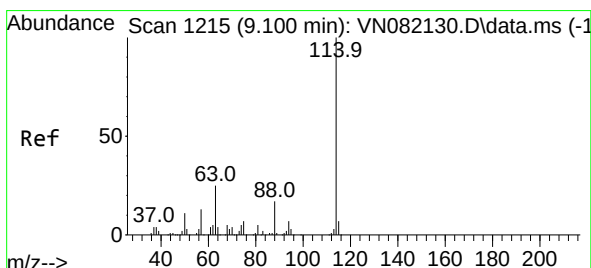
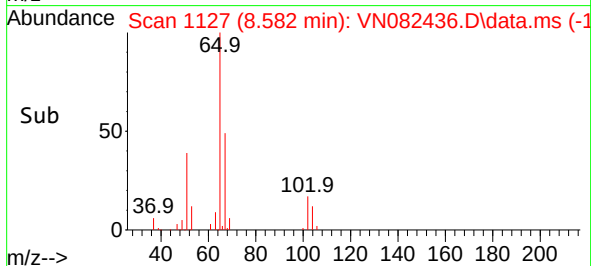
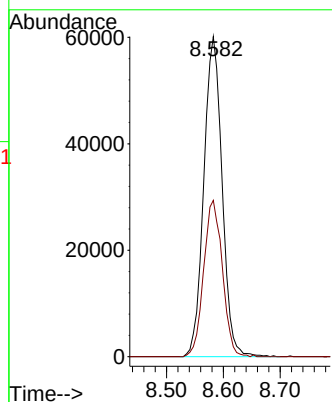
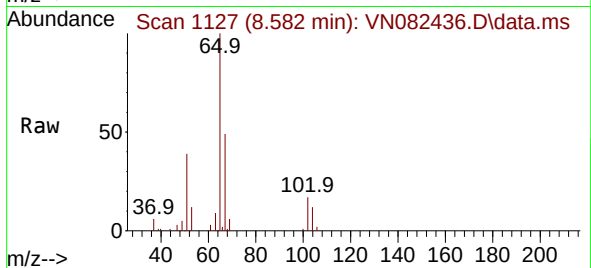
PB161254ZHE#03

Tgt Ion: 65 Resp: 134416

Ion Ratio Lower Upper

65 100

67 49.9 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: VN082436.D

Acq: 03 Jun 2024 16:00

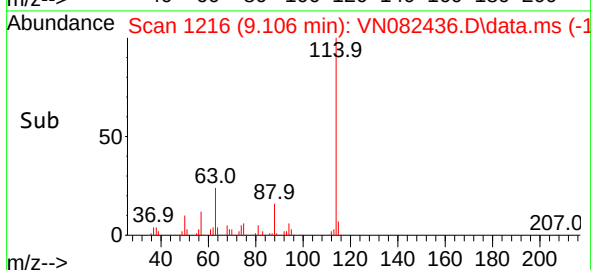
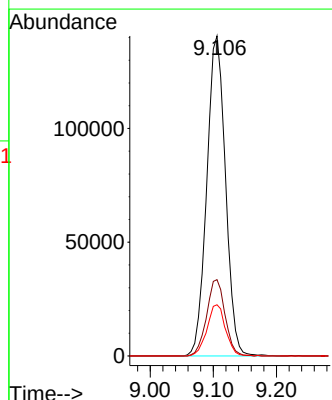
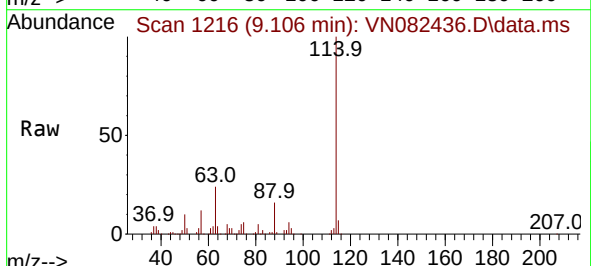
Tgt Ion: 114 Resp: 289546

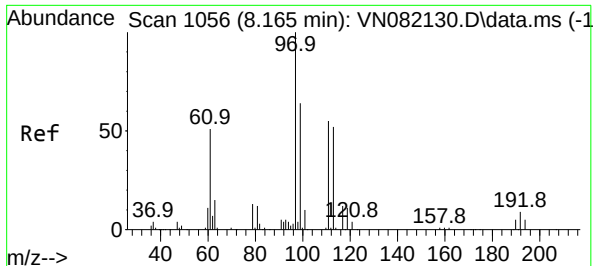
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 16.0 0.0 31.4

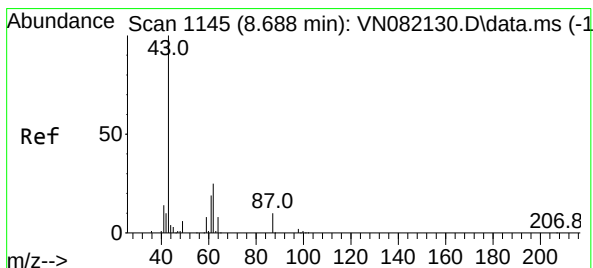
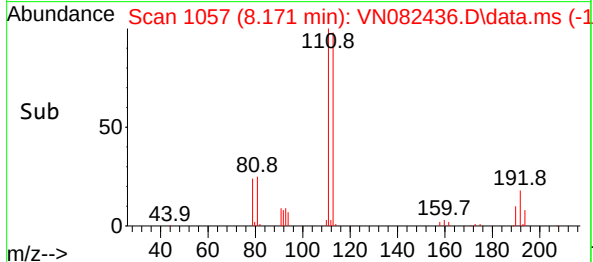
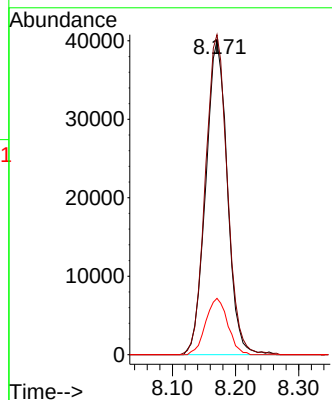
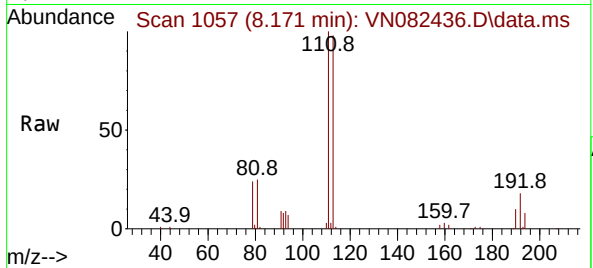




#35
Dibromofluoromethane
Concen: 53.332 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

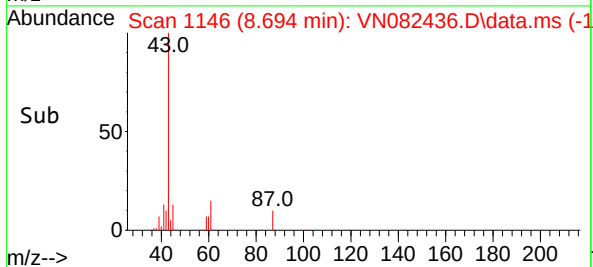
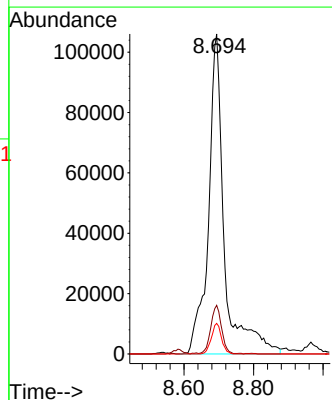
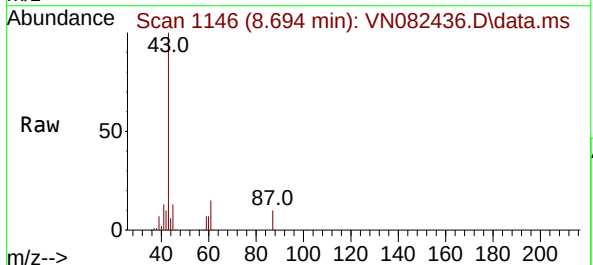
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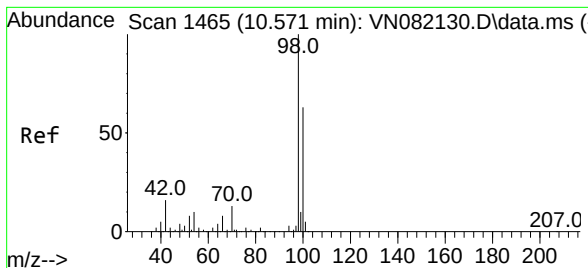
Tgt Ion:113 Resp: 94993
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 18.3 14.0 21.0



#43
Isopropyl Acetate
Concen: 56.456 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

Tgt Ion: 43 Resp: 334434
Ion Ratio Lower Upper
43 100
61 10.1 22.8 34.2#
87 6.1 12.0 18.0#

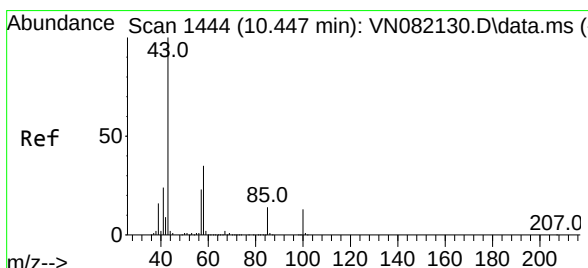
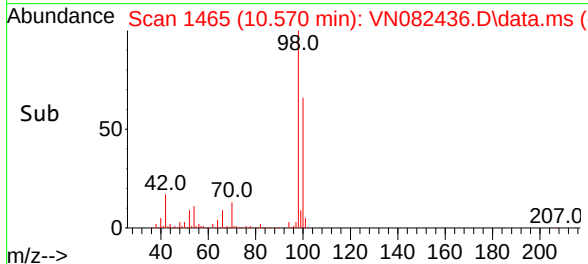
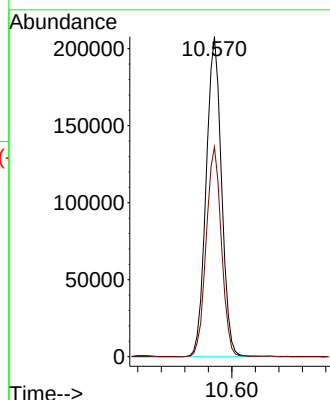
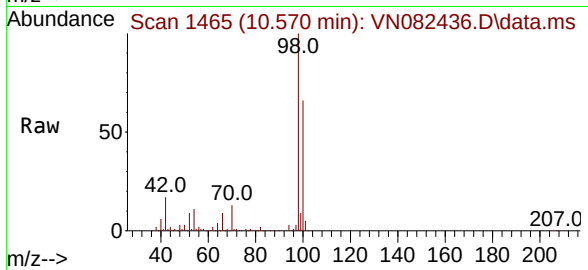




#50
Toluene-d8
Concen: 55.125 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

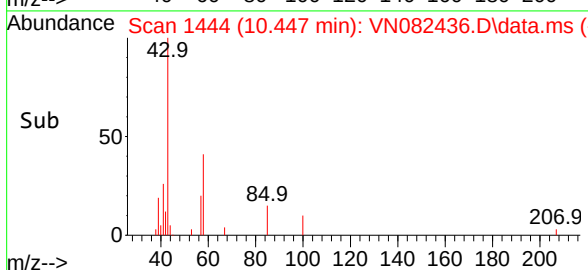
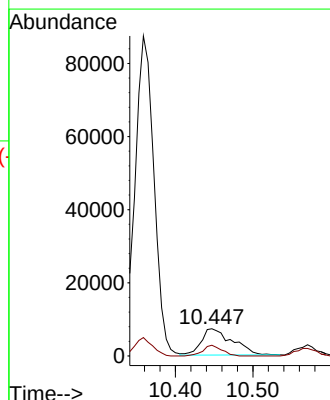
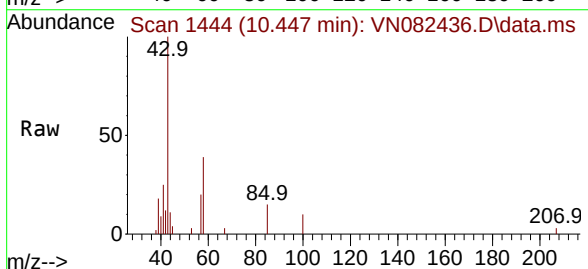
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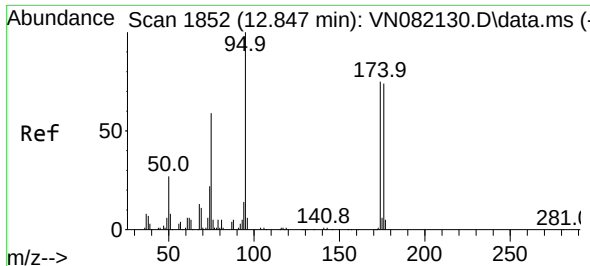
Tgt Ion: 98 Resp: 376435
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.974 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

Tgt Ion: 43 Resp: 20108
Ion Ratio Lower Upper
43 100
58 24.7 33.2 49.8#

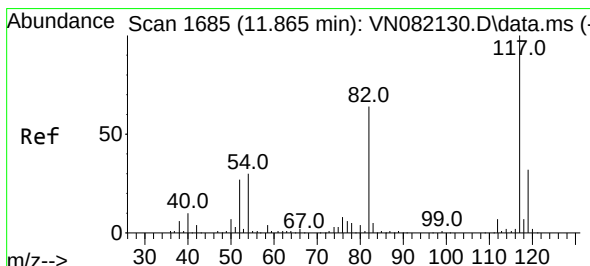
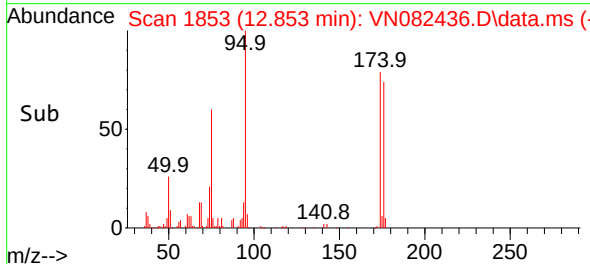
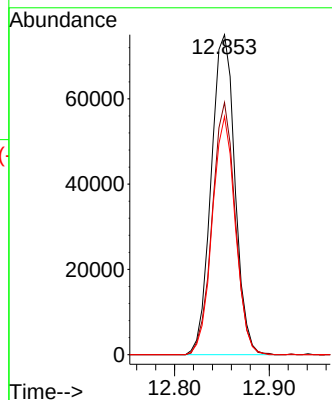
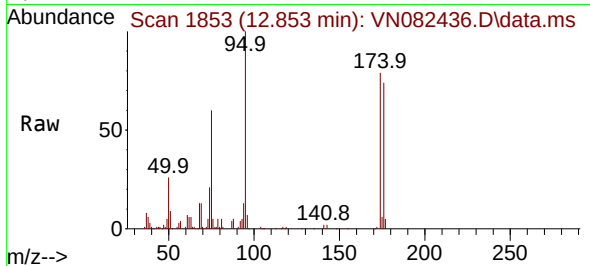




#62
4-Bromofluorobenzene
Concen: 53.696 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

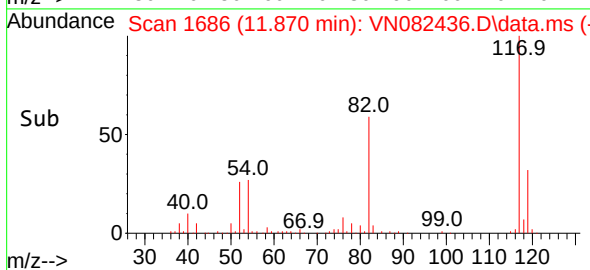
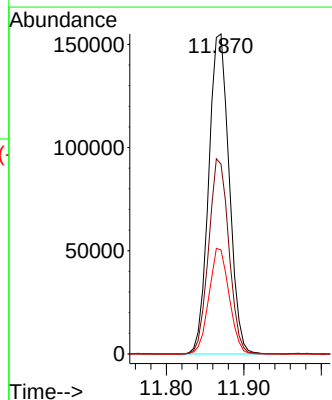
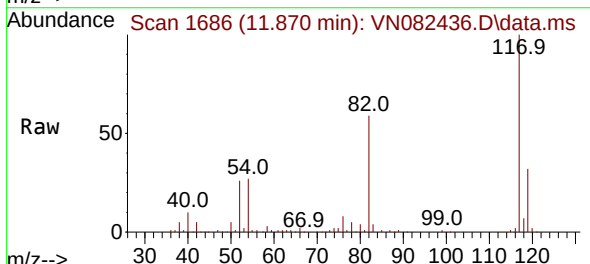
Instrument :
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PB161254ZHE#03

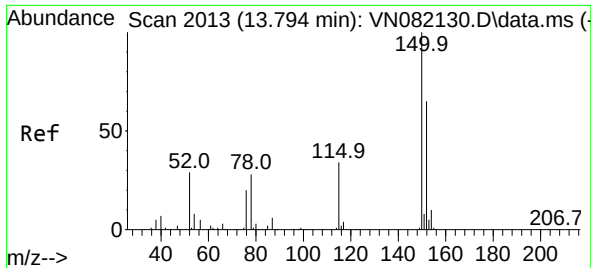
Tgt Ion: 95 Resp: 130876
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 72.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082436.D
Acq: 03 Jun 2024 16:00

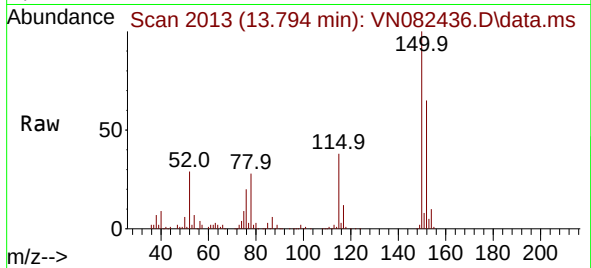
Tgt Ion: 117 Resp: 284736
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 32.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082436.D
 Acq: 03 Jun 2024 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#03



Tgt Ion:152 Resp: 121898
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.4 91.3
 150 156.0 0.0 353.2

