

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082405.D
 Acq On : 31 May 2024 13:58
 Operator : JC\MD
 Sample : PB161190ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#03

Quant Time: May 31 22:57:33 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)

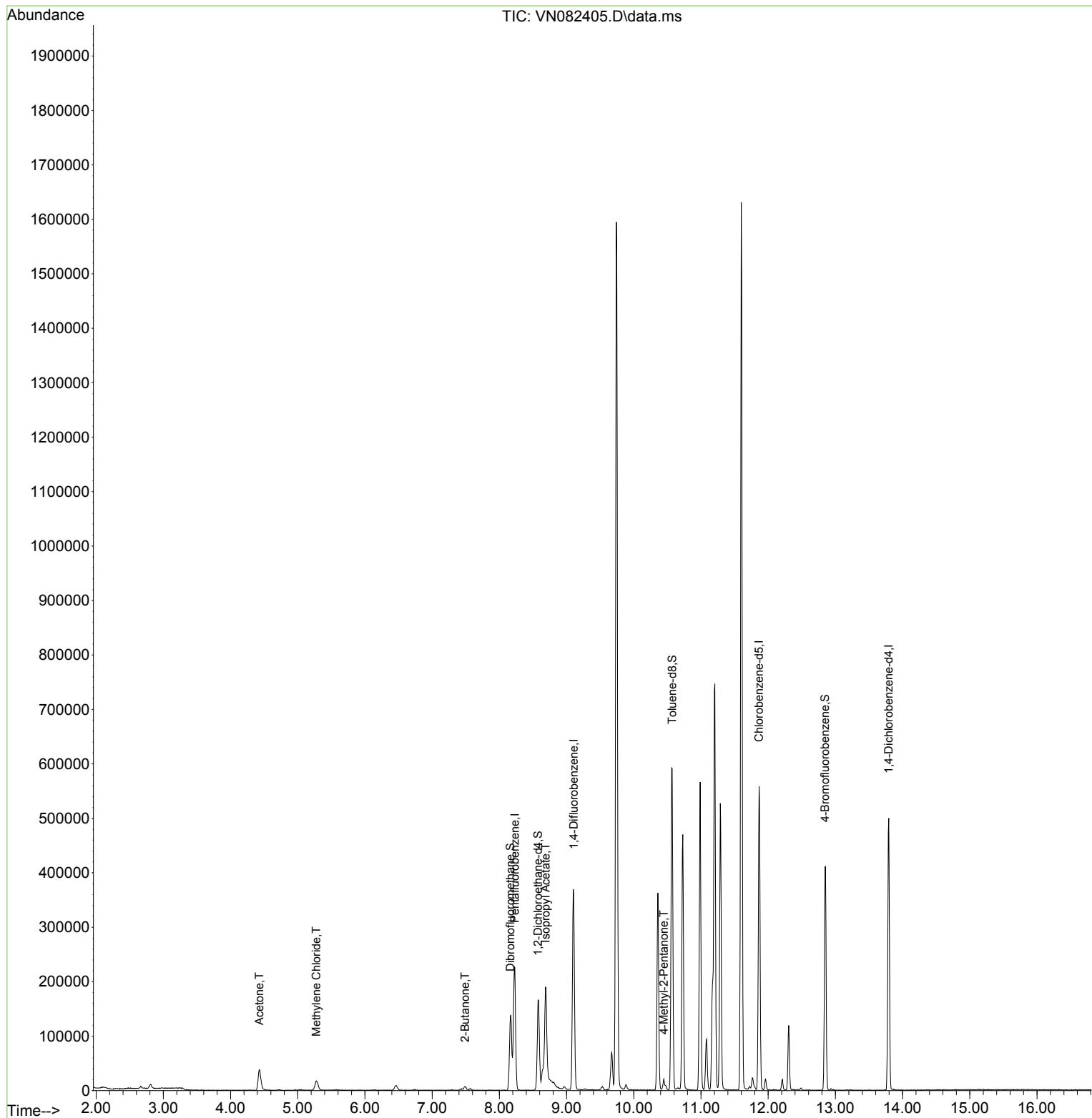
Internal Standards						
1) Pentafluorobenzene	8.230	168	158107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136442	54.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.300%
35) Dibromofluoromethane	8.165	113	97481	54.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.040%
50) Toluene-d8	10.571	98	389358	56.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.560%
62) 4-Bromofluorobenzene	12.847	95	133220	53.949	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.900%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	74828	73.065	ug/l	90
20) Methylene Chloride	5.277	84	13597	6.580	ug/l #	77
25) 2-Butanone	7.488	43	11967	7.707	ug/l	89
43) Isopropyl Acetate	8.688	43	290921	48.474	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	18847	5.527	ug/l #	72

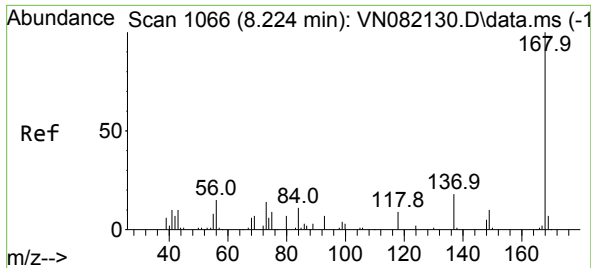
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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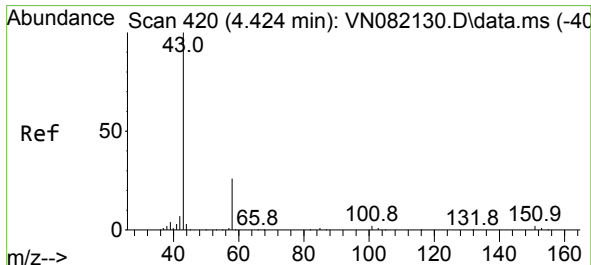
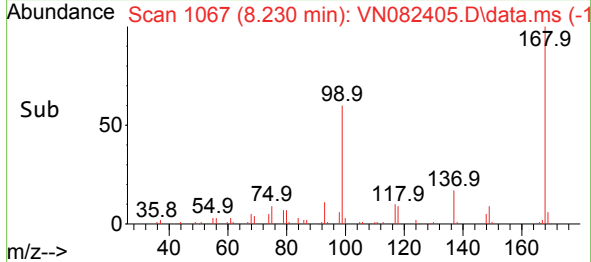
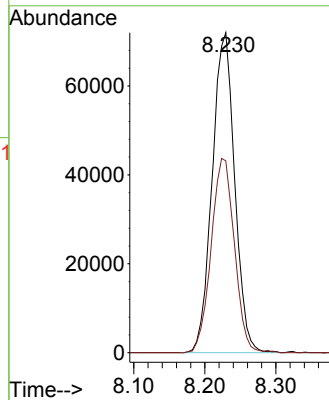
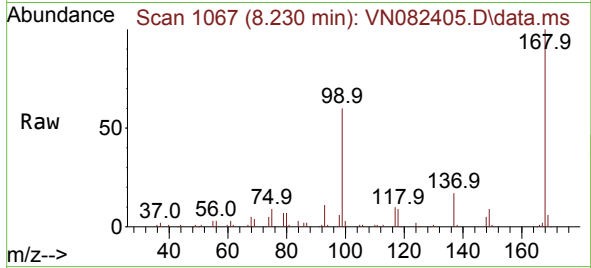




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

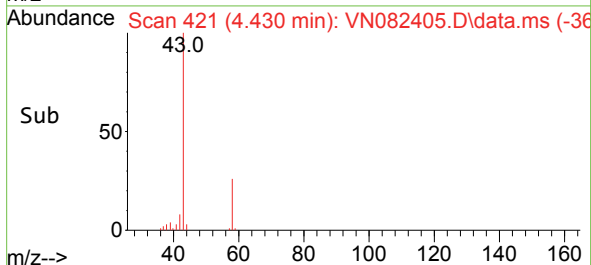
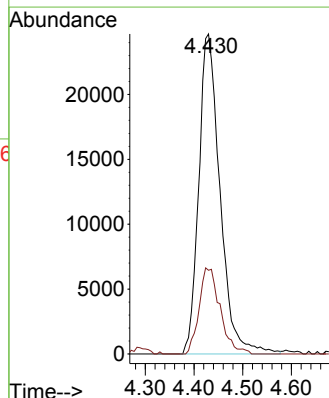
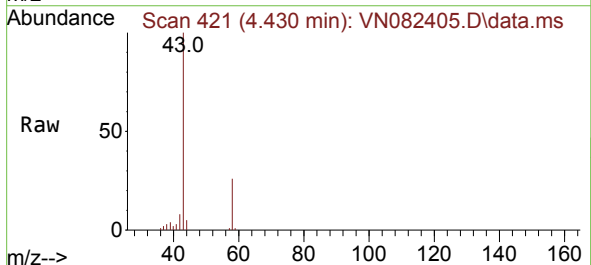
Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#03

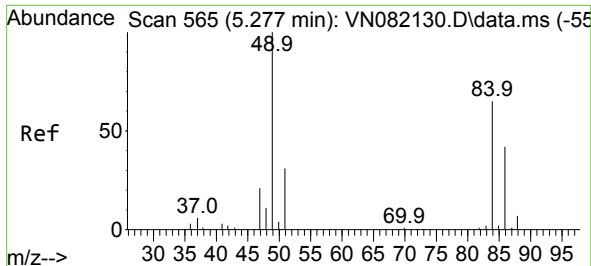
Tgt Ion:168 Resp: 158107
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#16
Acetone
Concen: 73.065 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

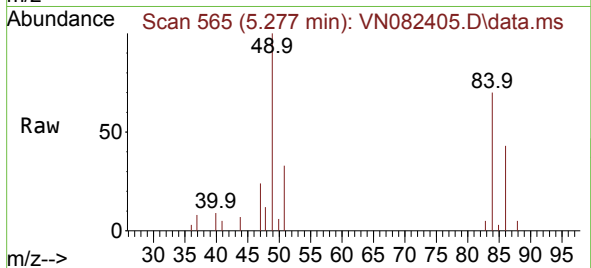
Tgt Ion: 43 Resp: 74828
Ion Ratio Lower Upper
43 100
58 26.2 25.2 37.8



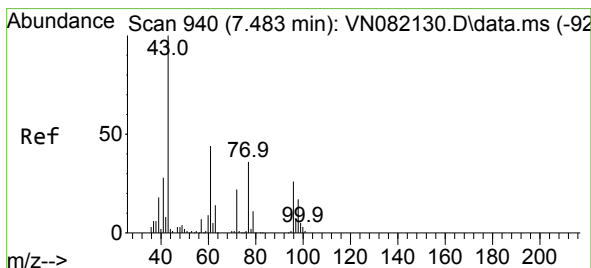
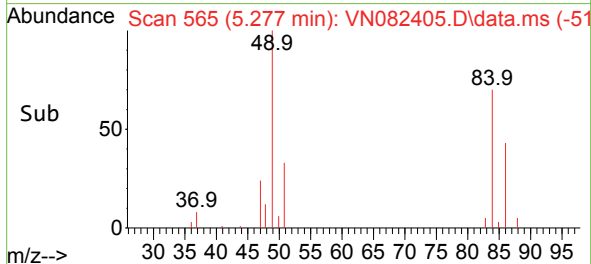
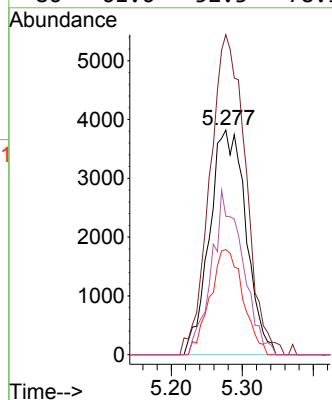


#20
Methylene Chloride
Concen: 6.580 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

Instrument :
MSVOA_N
ClientSampleId :
PB161190ZHE#03

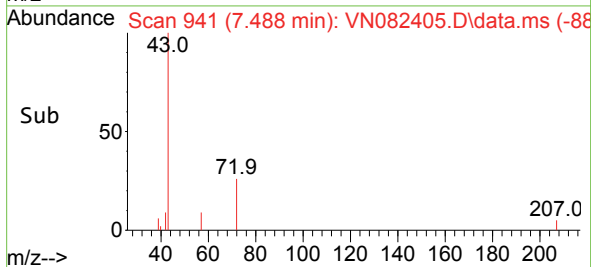
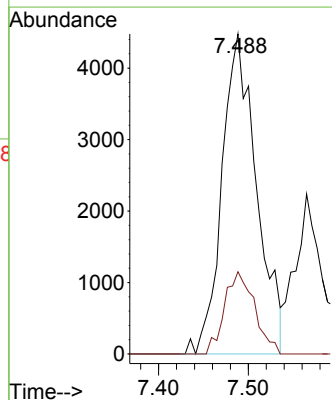
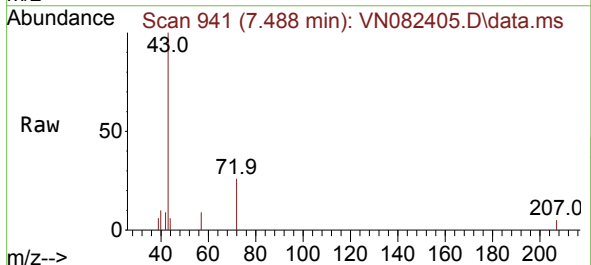


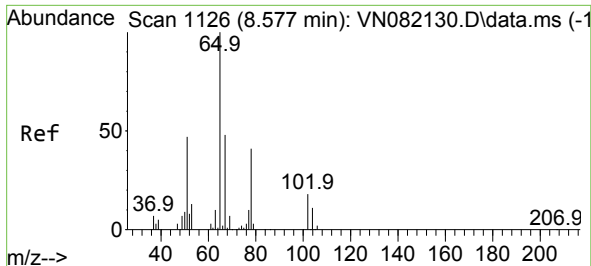
Tgt Ion:	84	Resp:	13597
Ion	Ratio	Lower	Upper
84	100		
49	142.5	84.9	127.3#
51	46.8	27.0	40.6#
86	61.6	52.3	78.5



#25
2-Butanone
Concen: 7.707 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

Tgt Ion:	43	Resp:	11967
Ion	Ratio	Lower	Upper
43	100		
72	25.7	25.3	37.9





#33

1,2-Dichloroethane-d4

Concen: 54.652 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082405.D

Acq: 31 May 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

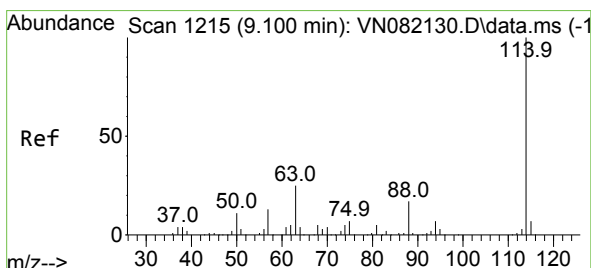
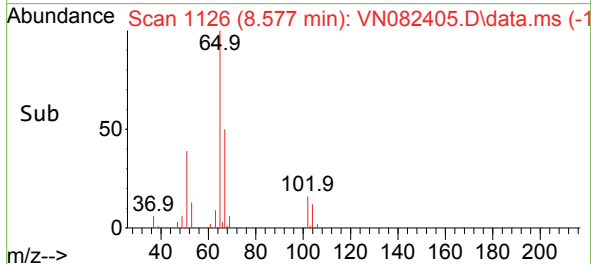
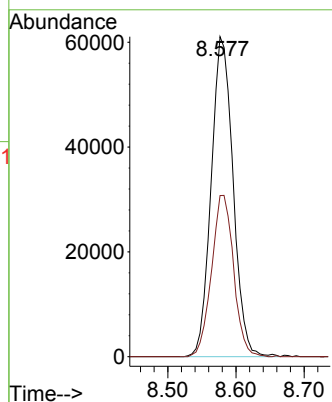
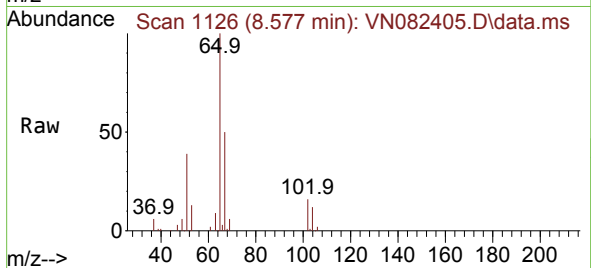
PB161190ZHE#03

Tgt Ion: 65 Resp: 136442

Ion Ratio Lower Upper

65 100

67 50.9 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: VN082405.D

Acq: 31 May 2024 13:58

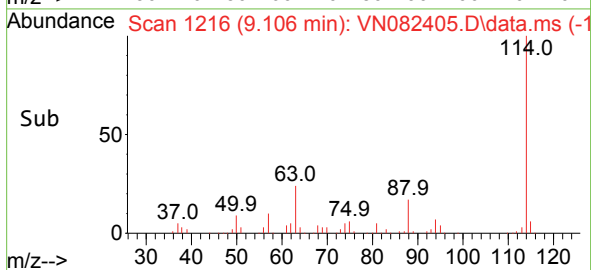
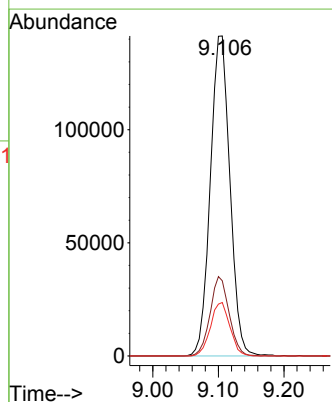
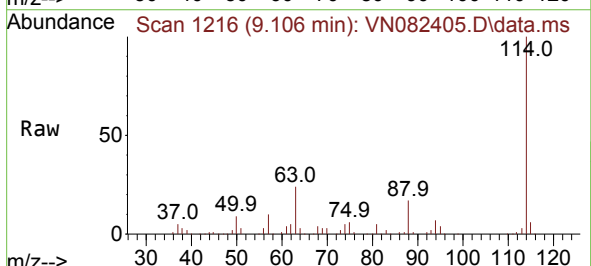
Tgt Ion: 114 Resp: 293346

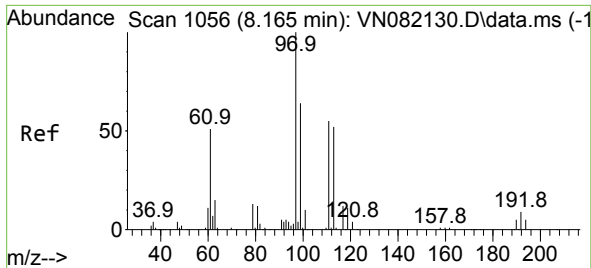
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 16.7 0.0 31.4

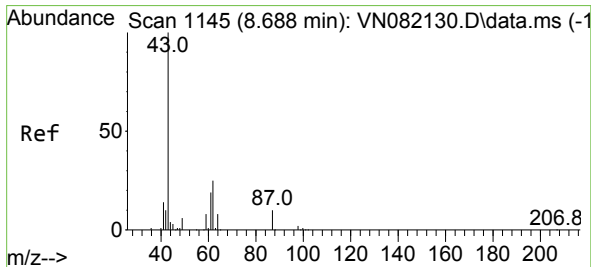
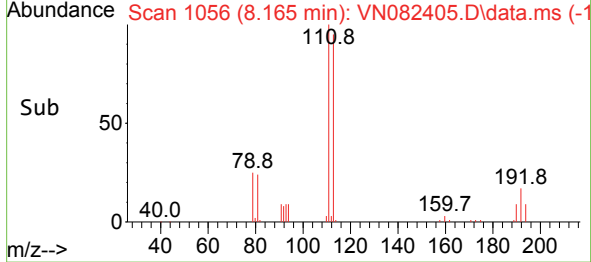
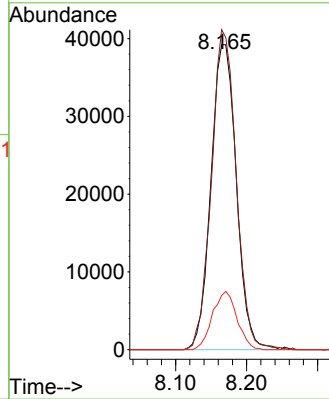
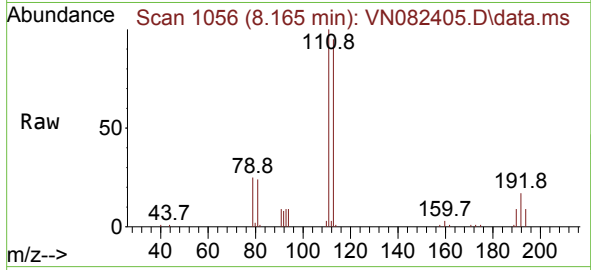




#35
Dibromofluoromethane
Concen: 54.020 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

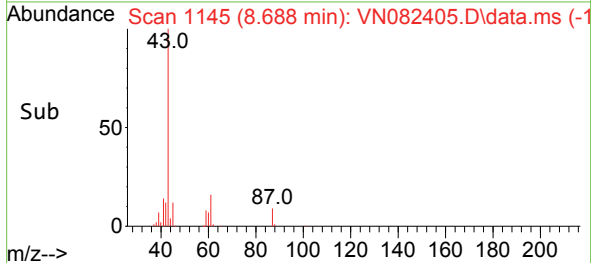
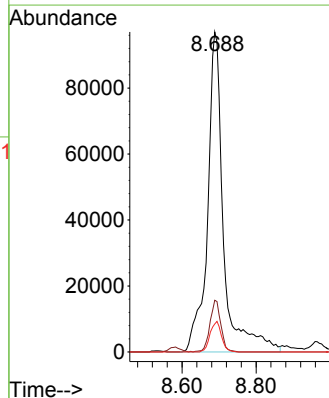
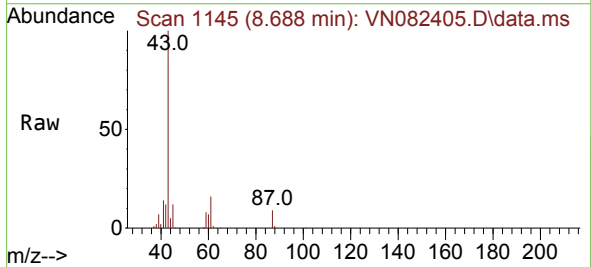
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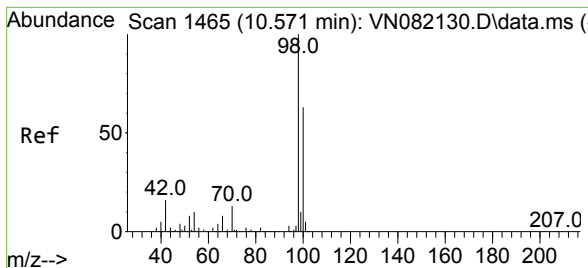
Tgt Ion:113 Resp: 97481
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 18.4 14.0 21.0



#43
Isopropyl Acetate
Concen: 48.474 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

Tgt Ion: 43 Resp: 290921
Ion Ratio Lower Upper
43 100
61 11.0 22.8 34.2#
87 6.8 12.0 18.0#

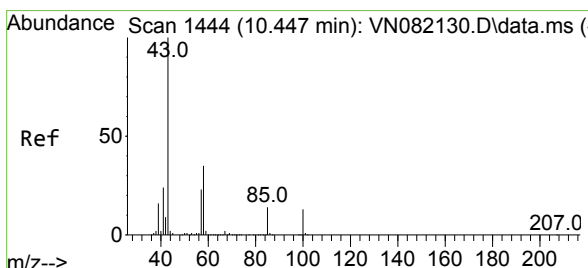
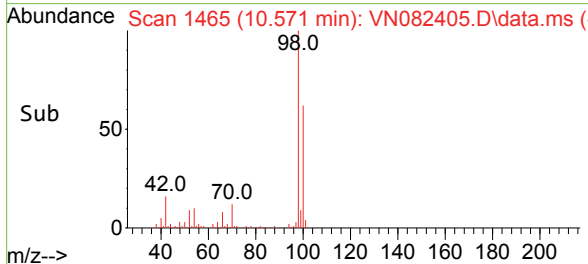
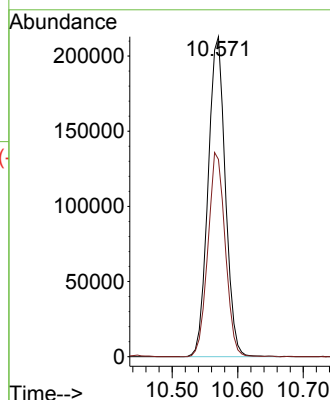
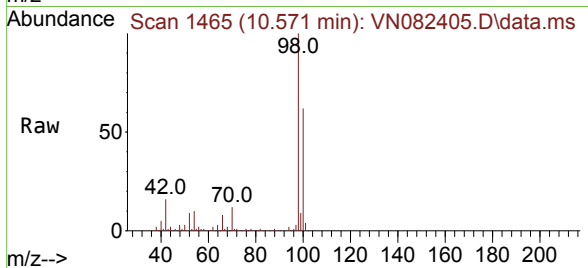




#50
Toluene-d8
Concen: 56.278 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

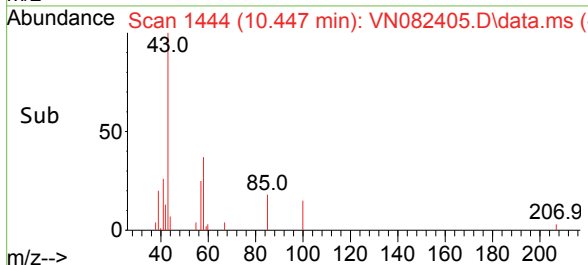
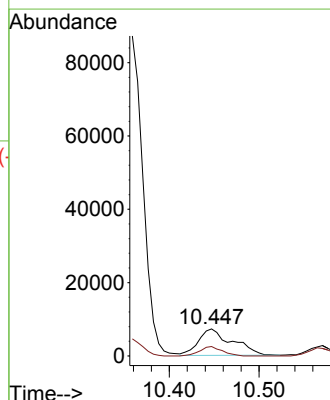
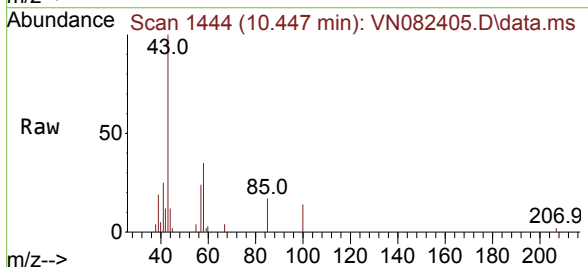
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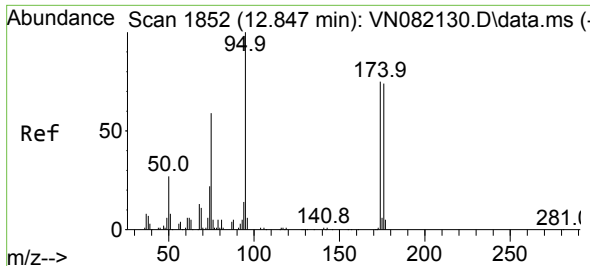
Tgt Ion: 98 Resp: 389358
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.527 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

Tgt Ion: 43 Resp: 18847
Ion Ratio Lower Upper
43 100
58 23.8 33.2 49.8#

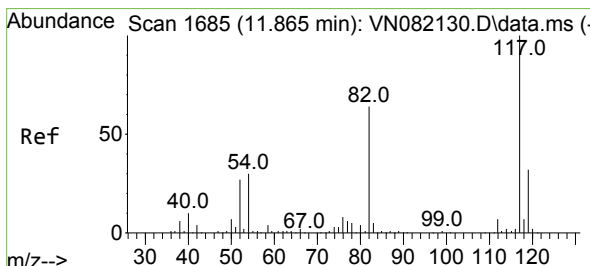
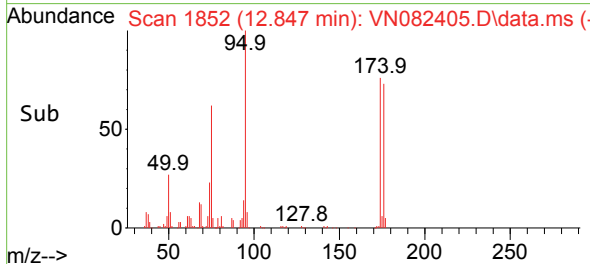
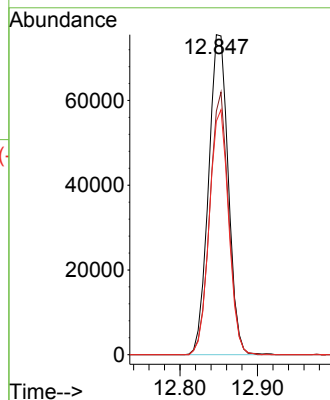
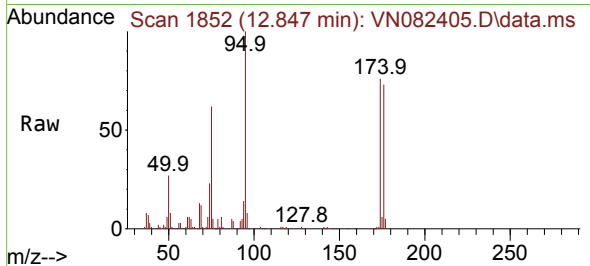




#62
4-Bromofluorobenzene
Concen: 53.949 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

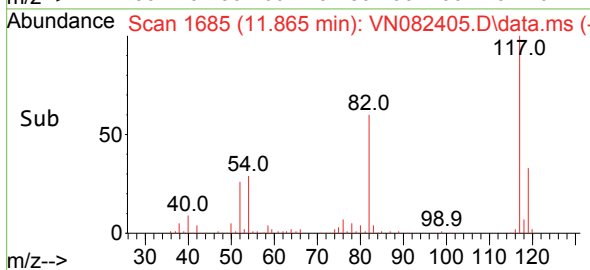
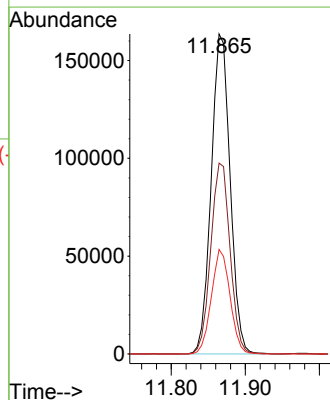
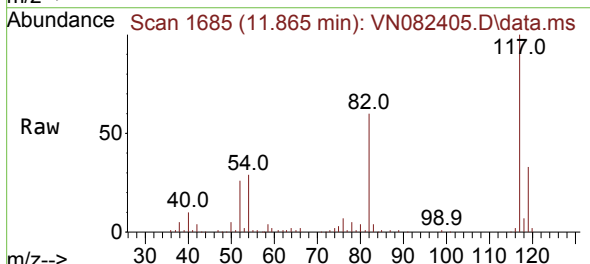
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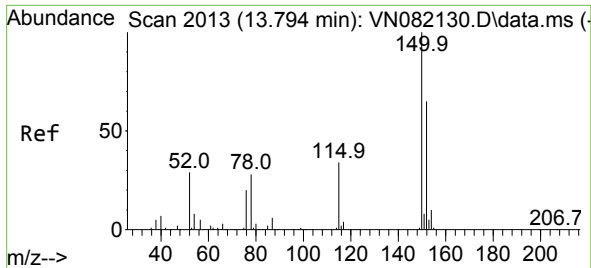
Tgt Ion: 95 Resp: 133220
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.6
176 75.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082405.D
Acq: 31 May 2024 13:58

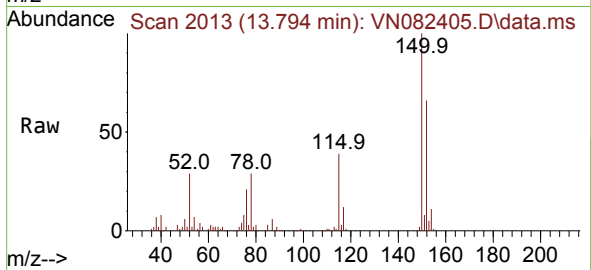
Tgt Ion: 117 Resp: 290009
Ion Ratio Lower Upper
117 100
82 59.6 44.6 66.8
119 32.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082405.D
 Acq: 31 May 2024 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161190ZHE#03



Tgt Ion:152 Resp: 125945
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.4 91.3
 150 154.6 0.0 353.2

