

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080943.D
 Acq On : 07 Feb 2024 18:03
 Operator : JC\MD
 Sample : PB158850ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158850ZHE#07

Quant Time: Feb 08 00:29:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

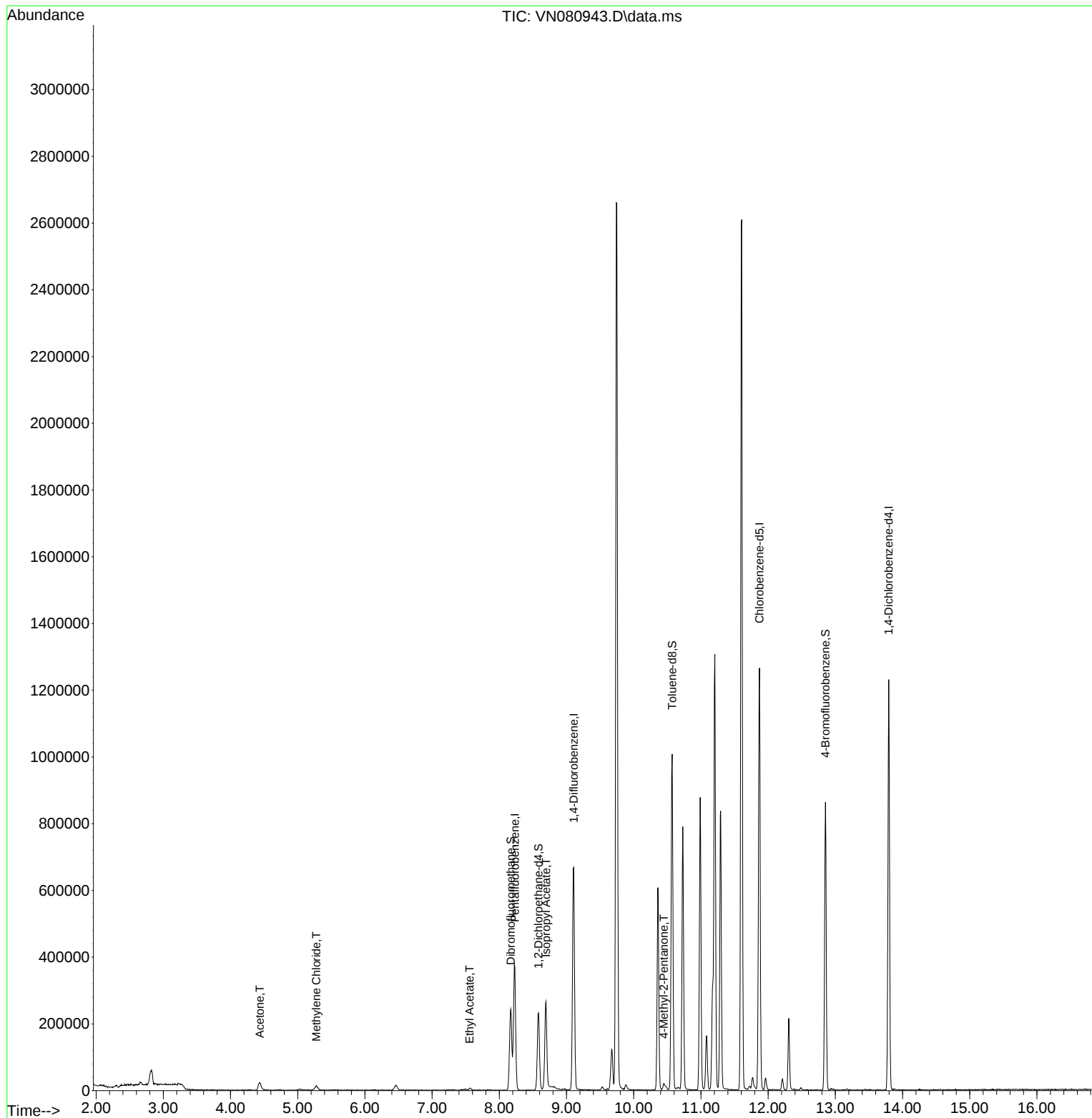
Internal Standards						
1) Pentafluorobenzene	8.230	168	267443	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	588920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	738404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190206	56.377	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.760%
35) Dibromofluoromethane	8.171	113	175299	55.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.940%
50) Toluene-d8	10.571	98	697984	61.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	122.120%#
62) 4-Bromofluorobenzene	12.853	95	299692	72.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	144.340%#
Target Compounds						
						Qvalue
16) Acetone	4.436	43	45876	41.331	ug/l	91
20) Methylene Chloride	5.277	84	10043	2.986	ug/l	# 79
37) Ethyl Acetate	7.559	43	7568	2.127	ug/l	# 88
43) Isopropyl Acetate	8.694	43	304528	46.554	ug/l	# 90
51) 4-Methyl-2-Pentanone	10.447	43	20812	5.279	ug/l	# 79

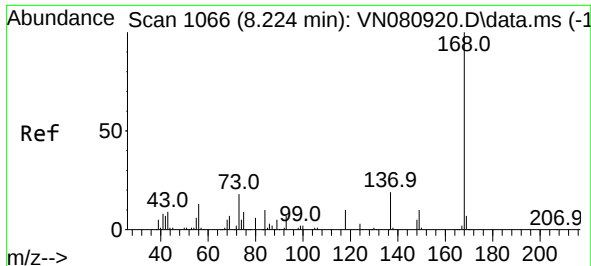
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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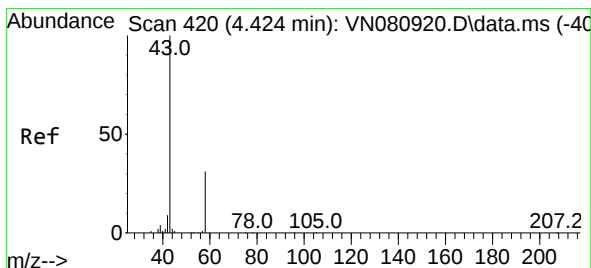
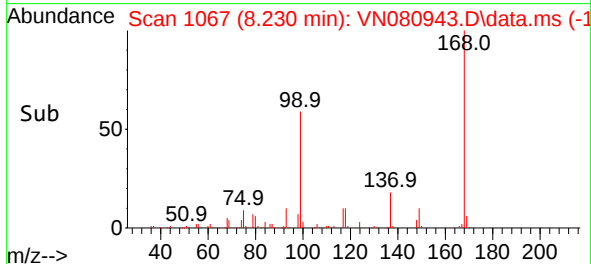
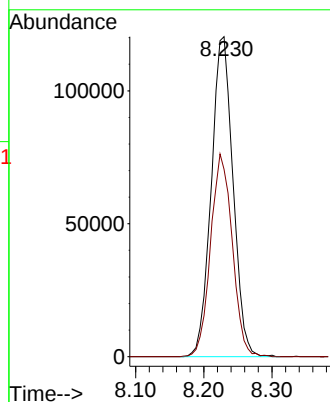
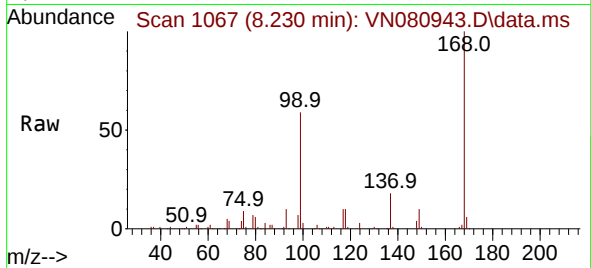




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

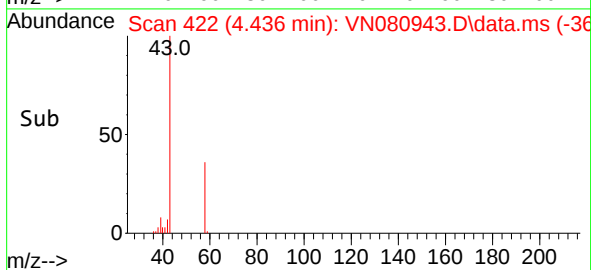
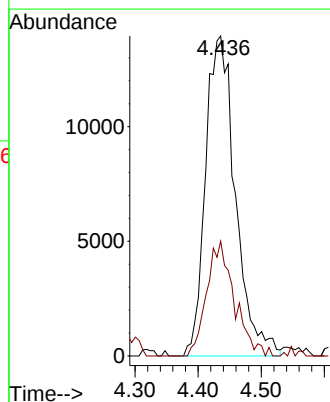
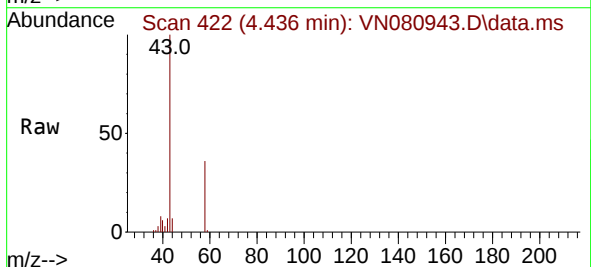
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

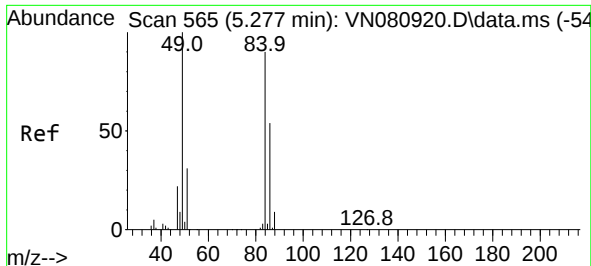
Tgt Ion:168 Resp: 267443
Ion Ratio Lower Upper
168 100
99 58.6 59.9 89.9#



#16
Acetone
Concen: 41.331 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 43 Resp: 45876
Ion Ratio Lower Upper
43 100
58 35.8 24.8 37.2

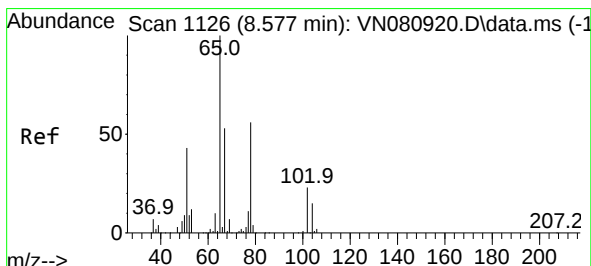
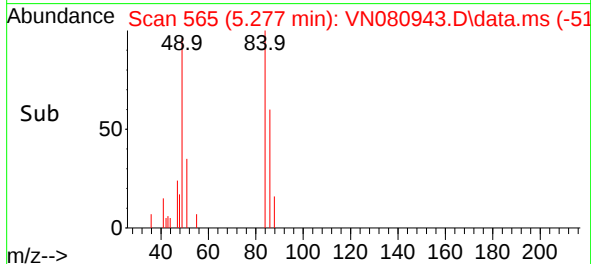
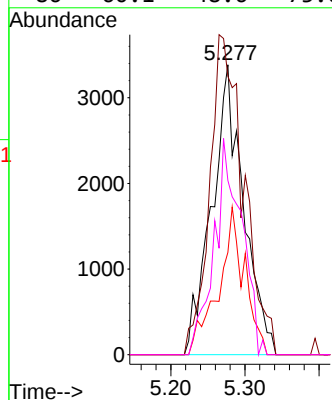
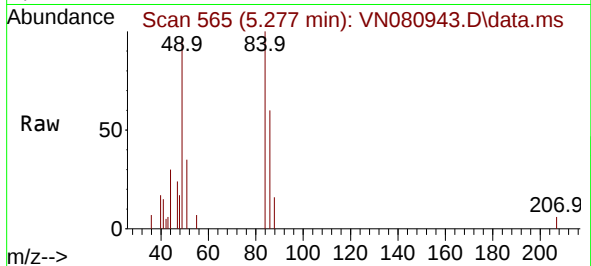




#20
Methylene Chloride
Concen: 2.986 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

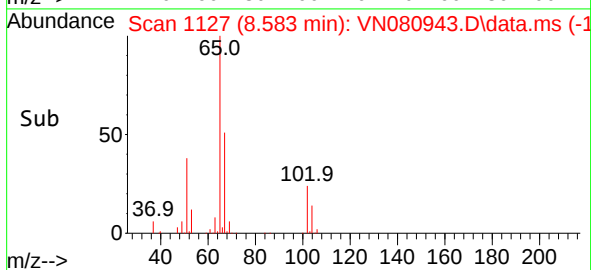
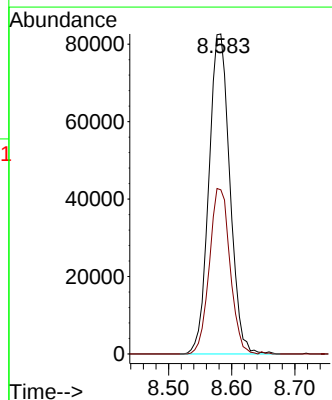
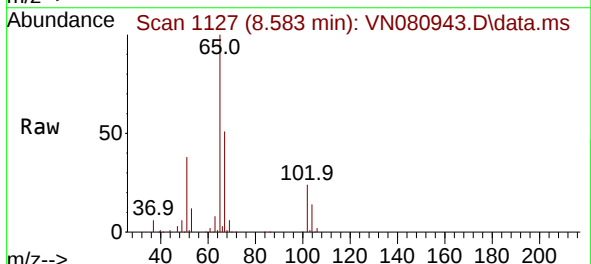
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#07

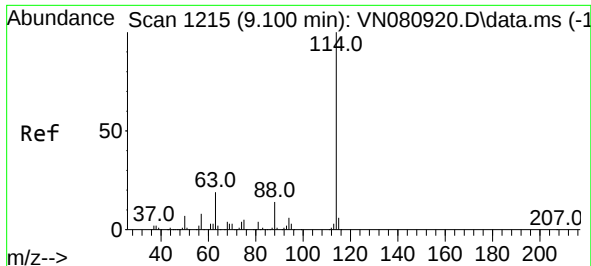
Tgt Ion: 84 Resp: 10043
Ion Ratio Lower Upper
84 100
49 96.1 108.1 162.1#
51 35.3 32.9 49.3
86 60.1 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 56.377 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 65 Resp: 190206
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080943.D

Acq: 07 Feb 2024 18:03

Instrument :

MSVOA_N

ClientSampleId :

PB158850ZHE#07

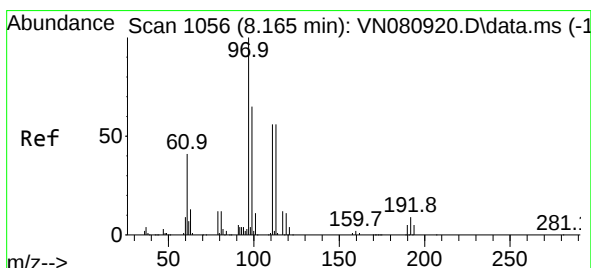
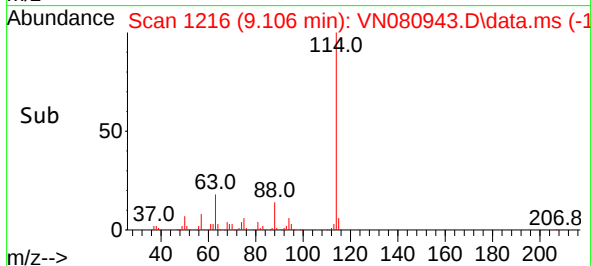
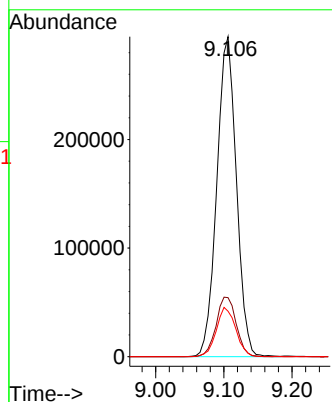
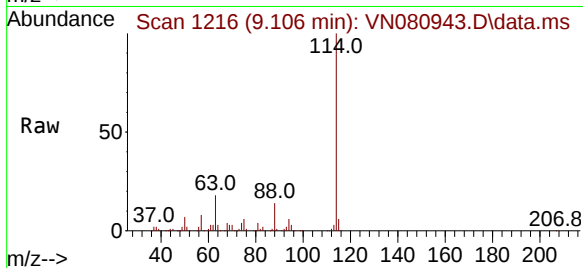
Tgt Ion:114 Resp: 588920

Ion Ratio Lower Upper

114 100

63 18.4 0.0 48.0

88 14.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 55.472 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080943.D

Acq: 07 Feb 2024 18:03

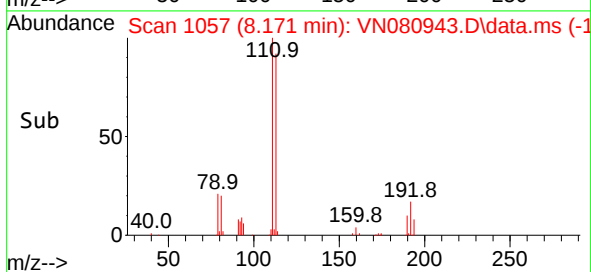
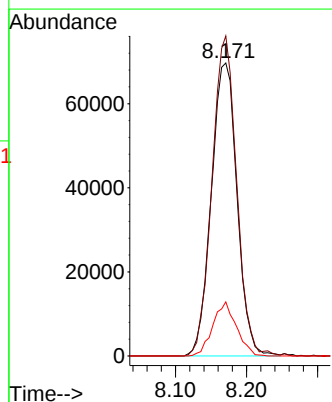
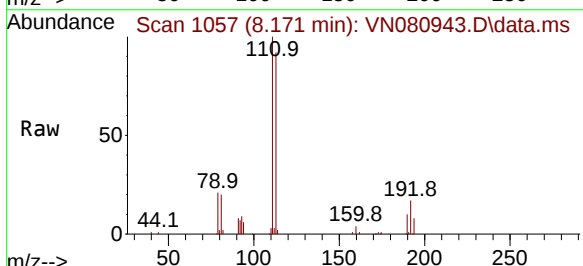
Tgt Ion:113 Resp: 175299

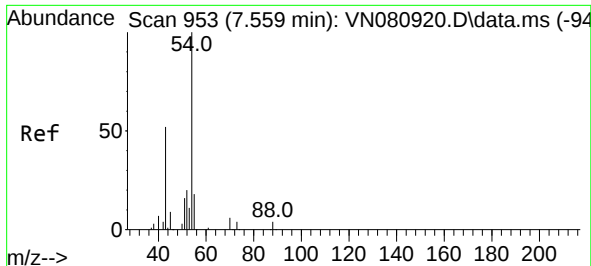
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 17.0 12.5 18.7

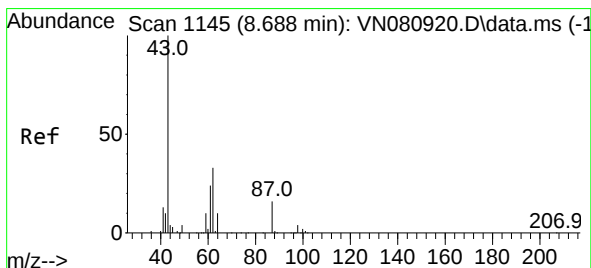
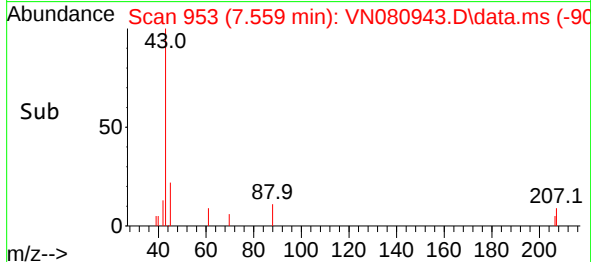
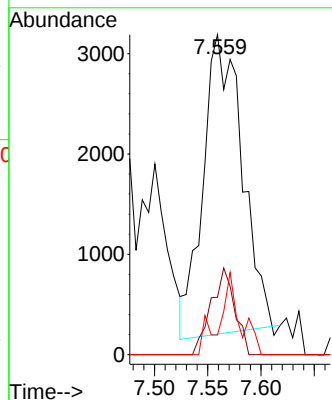
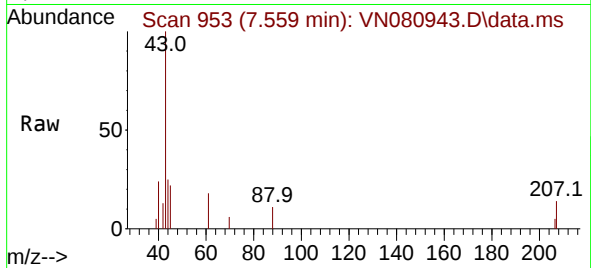




#37
Ethyl Acetate
Concen: 2.127 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

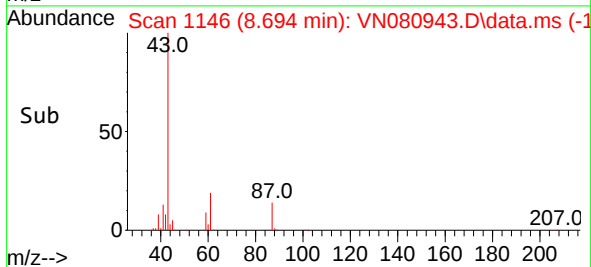
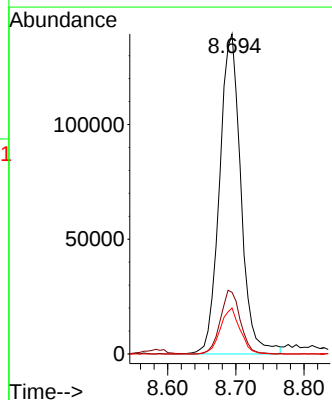
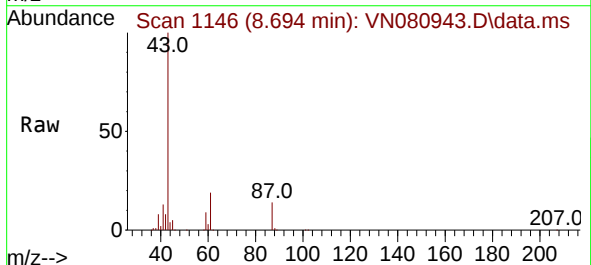
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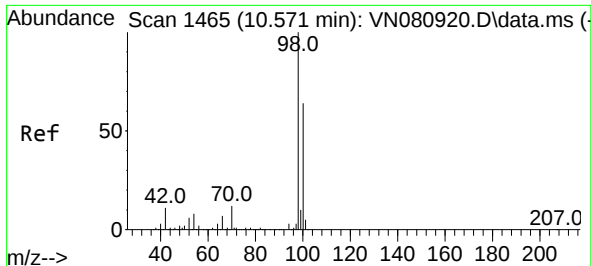
Tgt Ion: 43 Resp: 7568
Ion Ratio Lower Upper
43 100
61 17.5 10.6 15.8#
70 14.7 8.0 12.0#



#43
Isopropyl Acetate
Concen: 46.554 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 43 Resp: 304528
Ion Ratio Lower Upper
43 100
61 18.5 19.9 29.9#
87 13.2 9.0 13.6

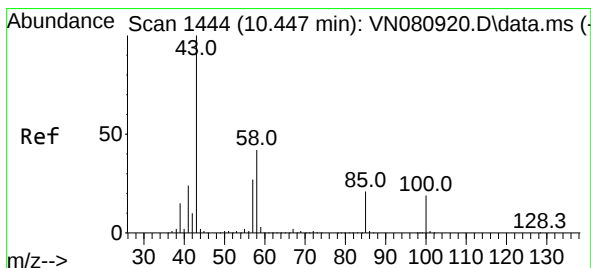
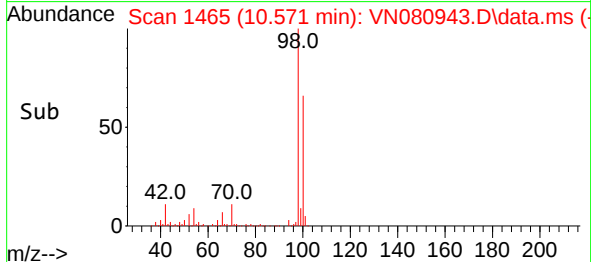
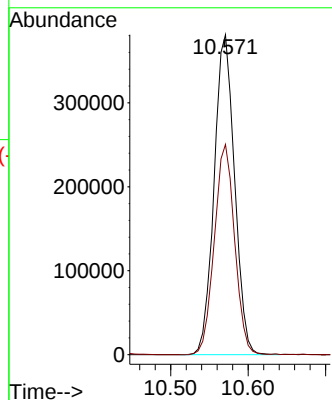
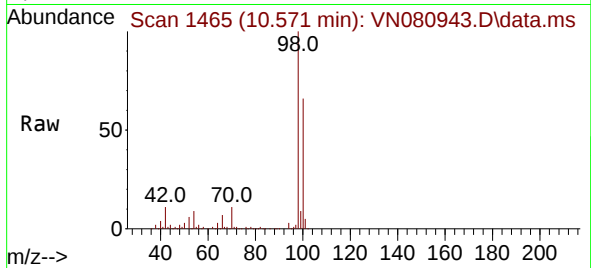




#50
Toluene-d8
Concen: 61.063 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

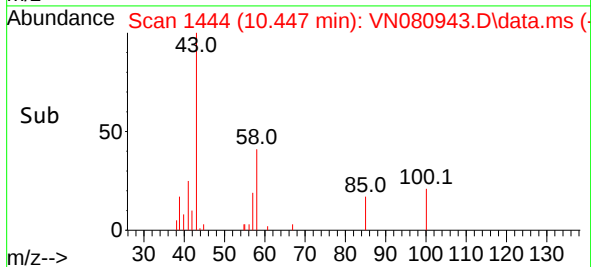
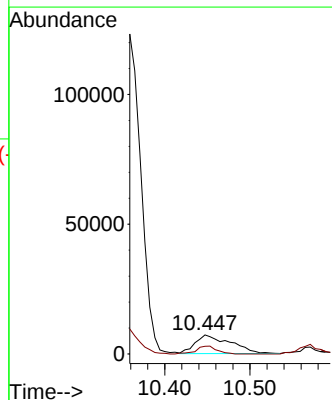
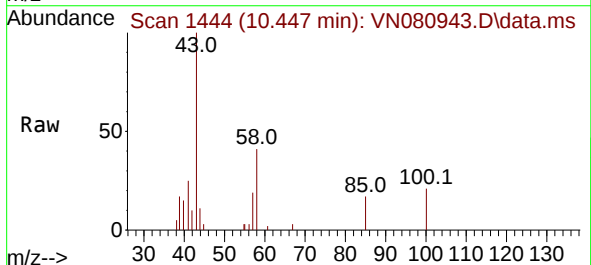
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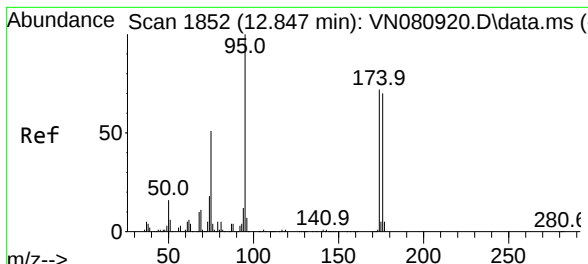
Tgt Ion: 98 Resp: 697984
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 5.279 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion: 43 Resp: 20812
Ion Ratio Lower Upper
43 100
58 24.4 29.4 44.0#

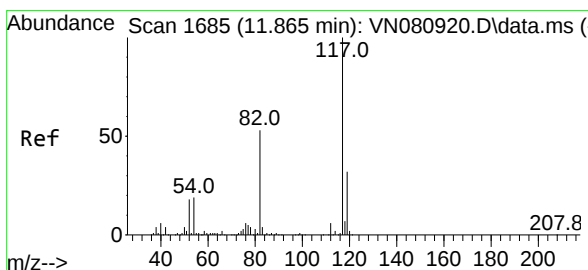
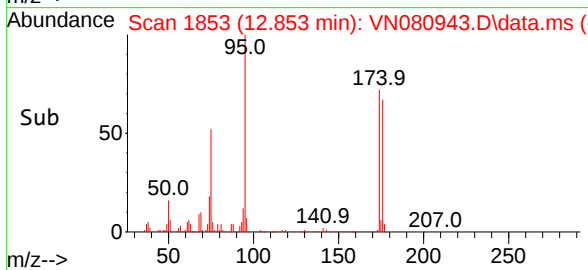
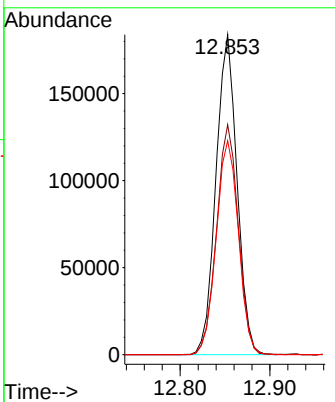
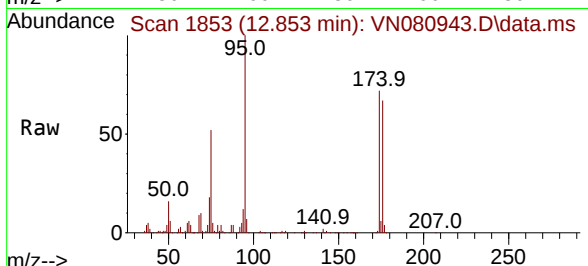




#62
4-Bromofluorobenzene
Concen: 72.173 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

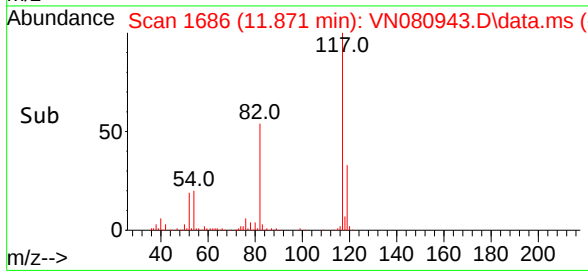
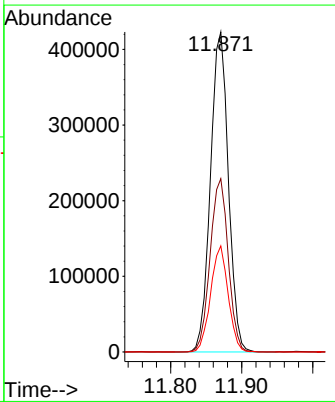
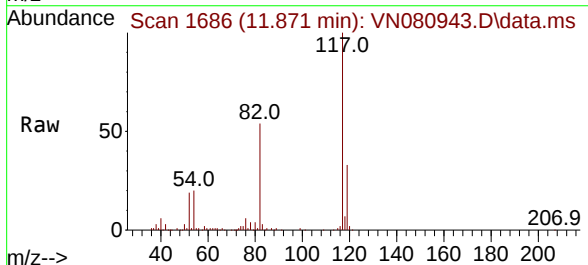
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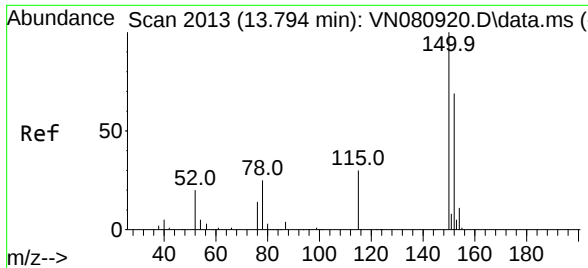
Tgt Ion:	95	Resp:	299692
Ion Ratio	Lower	Upper	
95	100		
174	74.2	0.0	120.4
176	70.4	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080943.D
Acq: 07 Feb 2024 18:03

Tgt Ion:	117	Resp:	738404
Ion Ratio	Lower	Upper	
117	100		
82	54.1	52.7	79.1
119	33.2	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080943.D
 Acq: 07 Feb 2024 18:03

Instrument :
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 PB158850ZHE#07

Tgt Ion:152 Resp: 313311
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 156.3 0.0 339.8

