

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078664.D
 Acq On : 27 Jul 2023 16:55
 Operator : JC\MD
 Sample : PB154443ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154443ZHE#01

Quant Time: Jul 28 01:09:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

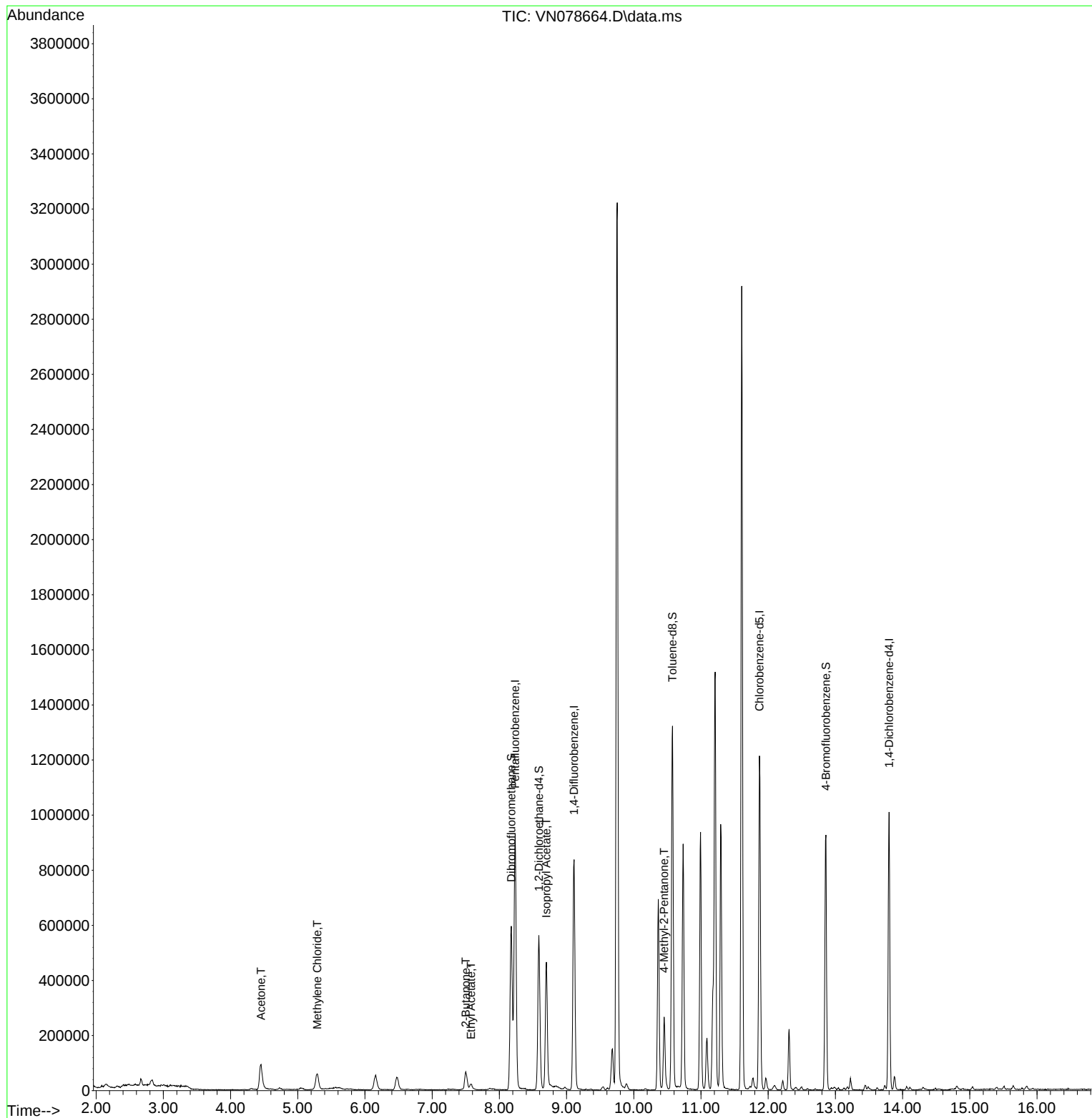
Internal Standards						
1) Pentafluorobenzene	8.235	168	688789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	755041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	735598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	276869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	462355	50.071	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.140%		
35) Dibromofluoromethane	8.177	113	431863	84.259	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 168.520%#		
50) Toluene-d8	10.576	98	942014	48.652	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.300%		
62) 4-Bromofluorobenzene	12.859	95	317762	53.280	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.560%		
Target Compounds						
						Qvalue
16) Acetone	4.453	43	177485	61.704	ug/l	97
20) Methylene Chloride	5.289	84	47341	4.628	ug/l	90
25) 2-Butanone	7.500	43	103965	22.961	ug/l	90
37) Ethyl Acetate	7.577	43	27317	4.428	ug/l	96
43) Isopropyl Acetate	8.700	43	525196	51.707	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	176014	29.134	ug/l	90

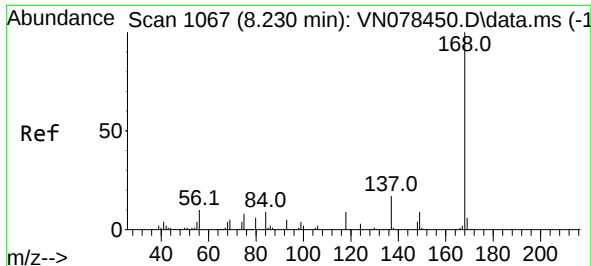
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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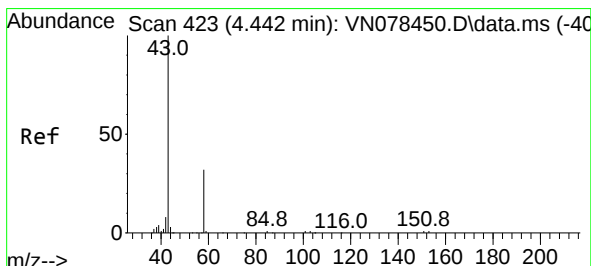
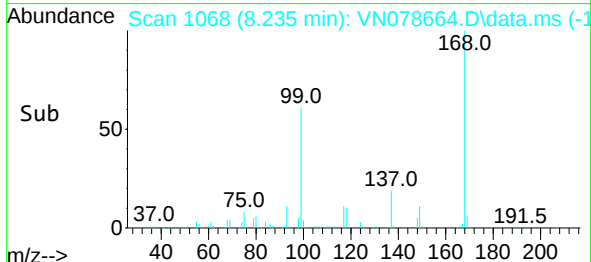
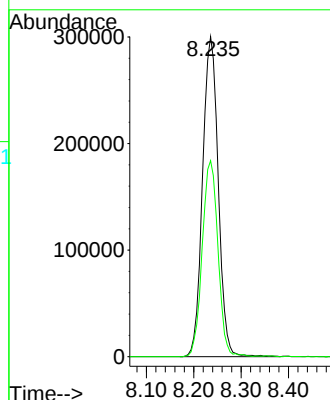
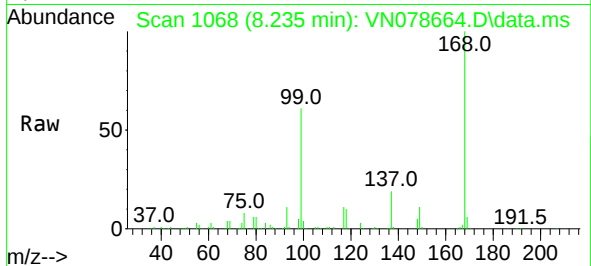




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

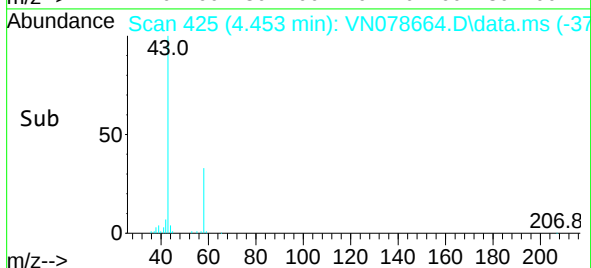
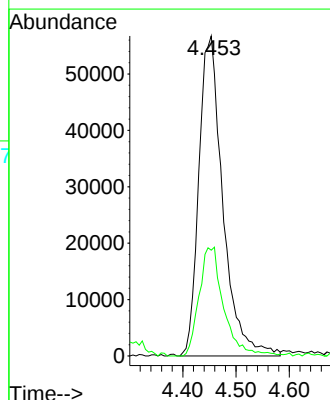
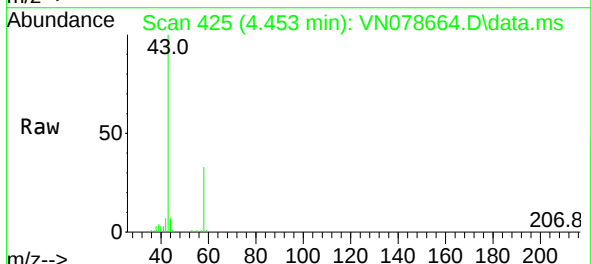
Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#01

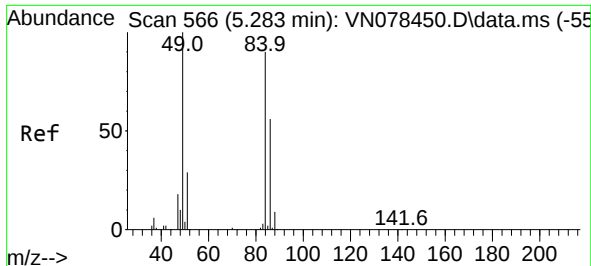
Tgt Ion:168 Resp: 688789
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 61.704 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

Tgt Ion: 43 Resp: 177485
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0

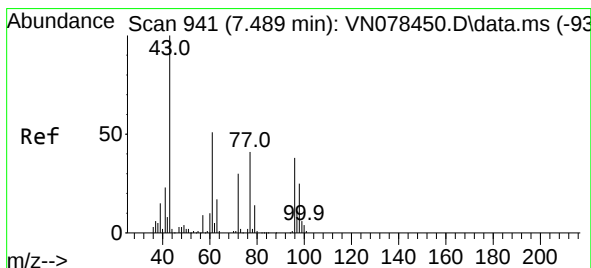
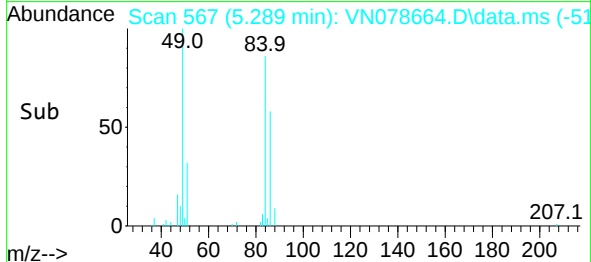
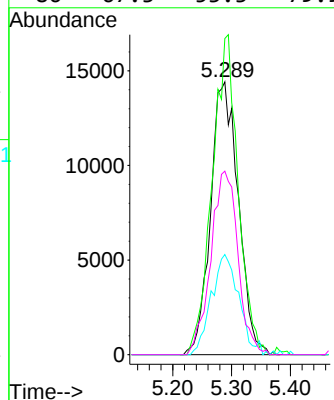
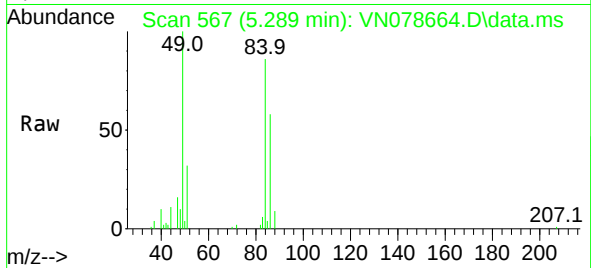




#20
Methylene Chloride
Concen: 4.628 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

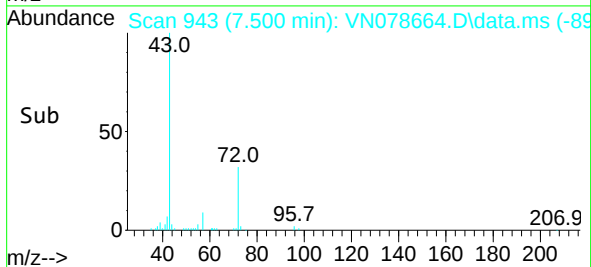
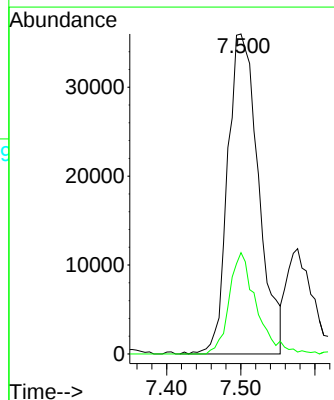
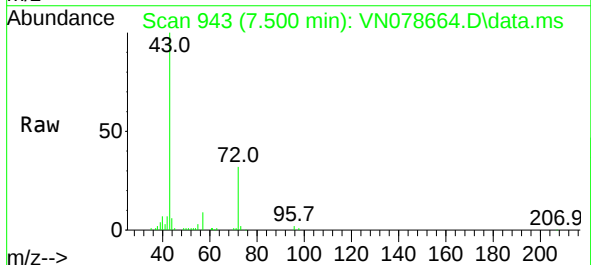
Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#01

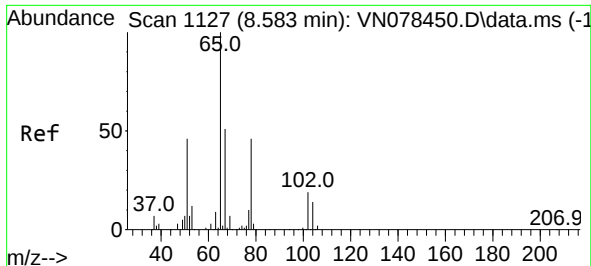
Tgt Ion:	84	Resp:	47341
Ion	Ratio	Lower	Upper
84	100		
49	115.9	79.7	119.5
51	36.7	25.2	37.8
86	67.3	53.3	79.9



#25
2-Butanone
Concen: 22.961 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

Tgt Ion:	43	Resp:	103965
Ion	Ratio	Lower	Upper
43	100		
72	31.7	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 50.071 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078664.D

Acq: 27 Jul 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

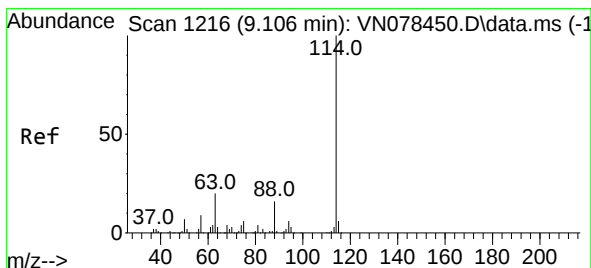
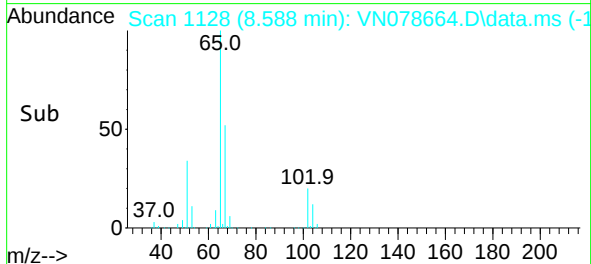
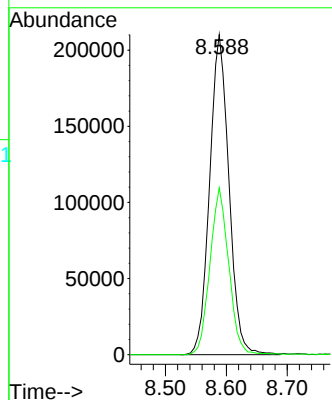
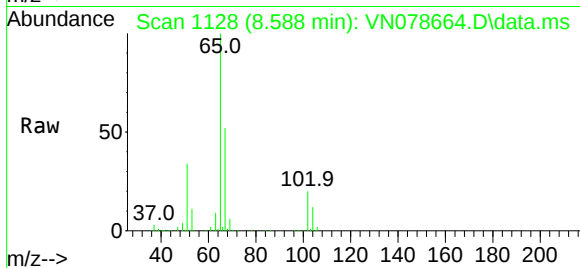
PB154443ZHE#01

Tgt Ion: 65 Resp: 462355

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078664.D

Acq: 27 Jul 2023 16:55

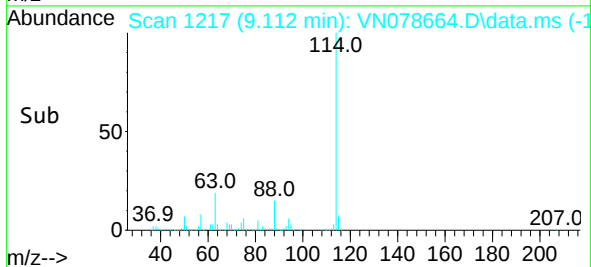
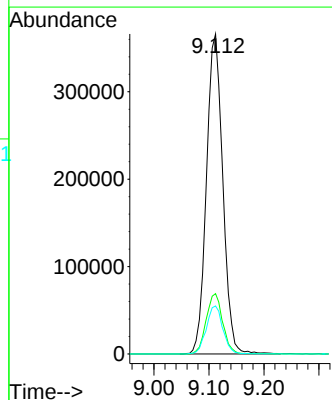
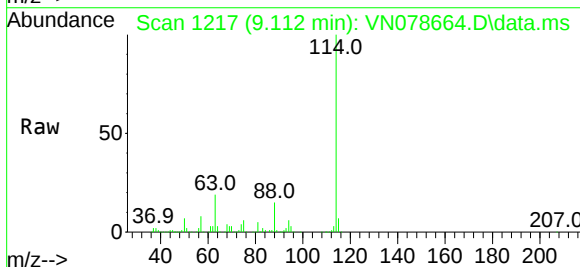
Tgt Ion: 114 Resp: 755041

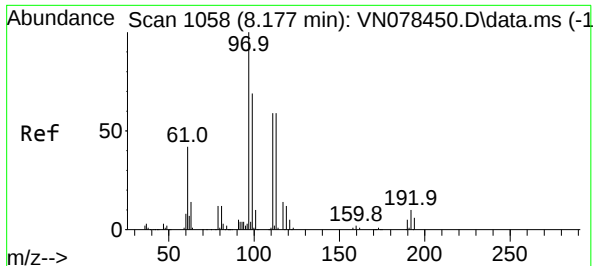
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 84.259 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078664.D

Acq: 27 Jul 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

PB154443ZHE#01

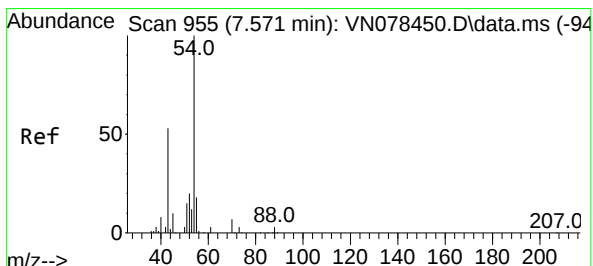
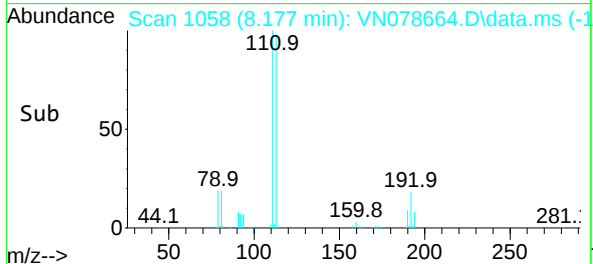
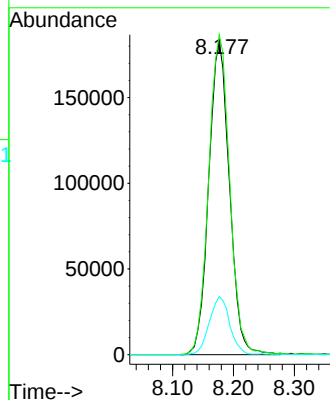
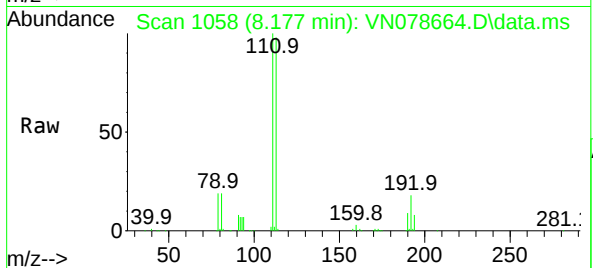
Tgt Ion:113 Resp: 431863

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.2 12.7 19.1



#37

Ethyl Acetate

Concen: 4.428 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN078664.D

Acq: 27 Jul 2023 16:55

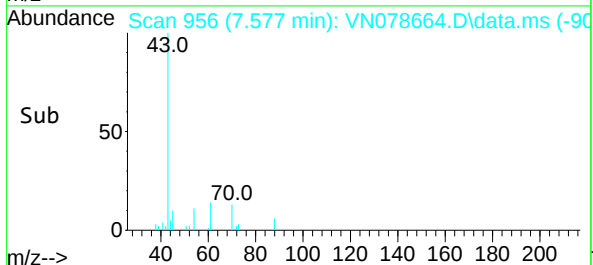
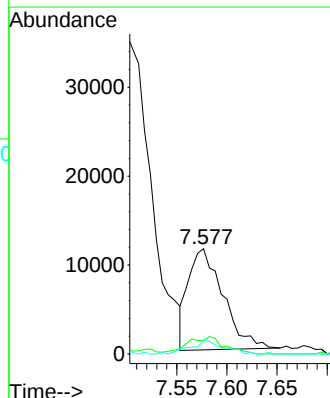
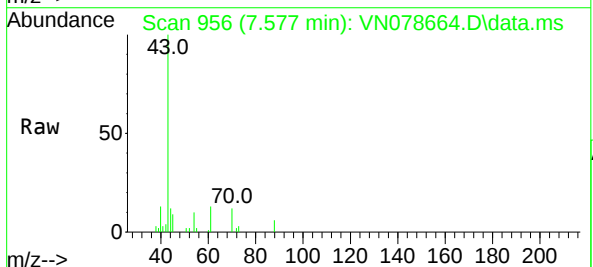
Tgt Ion: 43 Resp: 27317

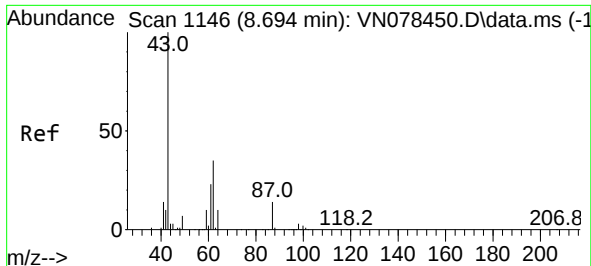
Ion Ratio Lower Upper

43 100

61 18.2 13.2 19.8

70 12.5 11.3 16.9

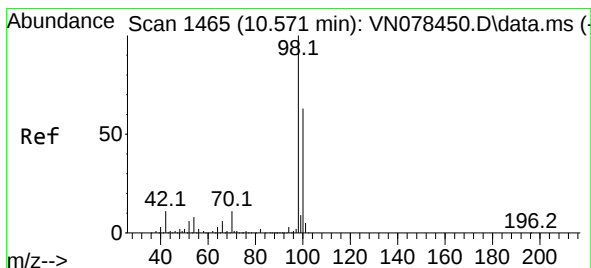
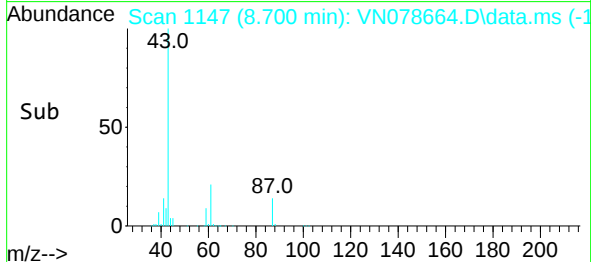
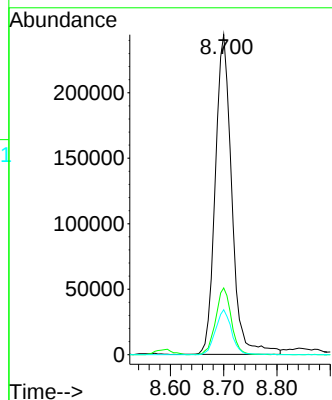
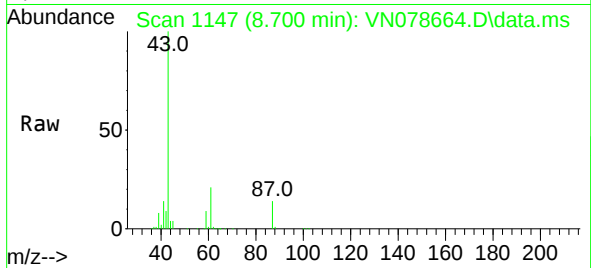




#43
Isopropyl Acetate
Concen: 51.707 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

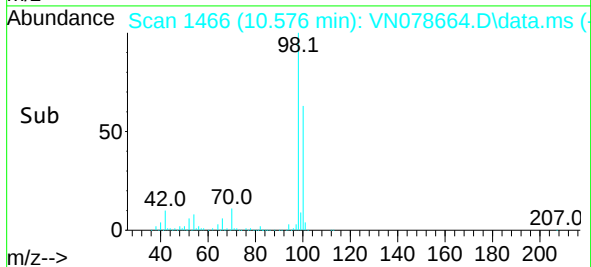
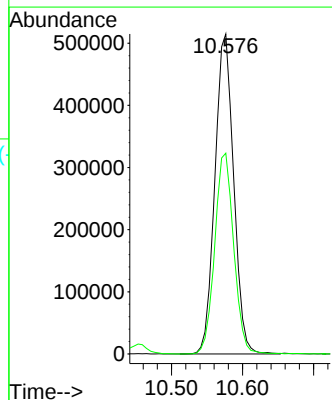
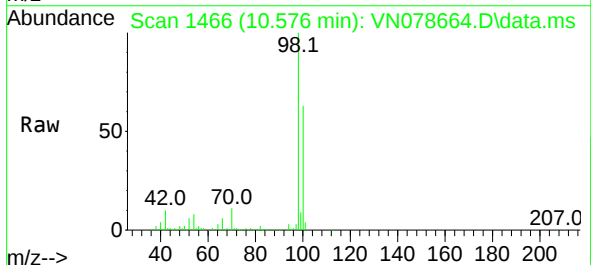
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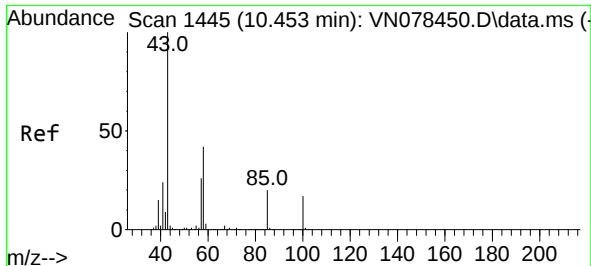
Tgt Ion: 43 Resp: 525196
Ion Ratio Lower Upper
43 100
61 19.8 24.7 37.1#
87 13.6 14.6 21.8#



#50
Toluene-d8
Concen: 48.652 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

Tgt Ion: 98 Resp: 942014
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

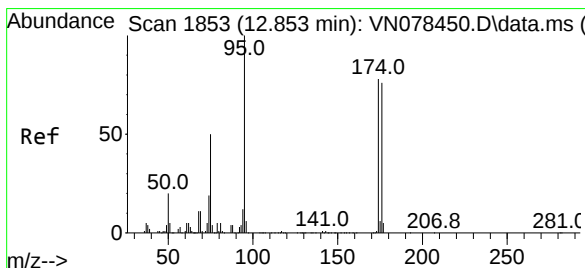
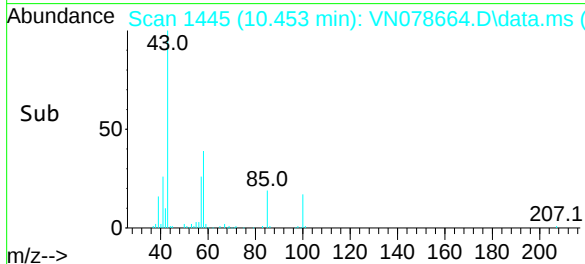
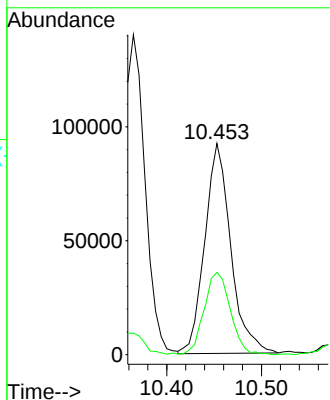
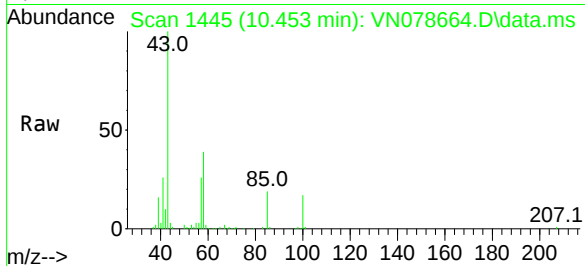




#51
4-Methyl-2-Pentanone
Concen: 29.134 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

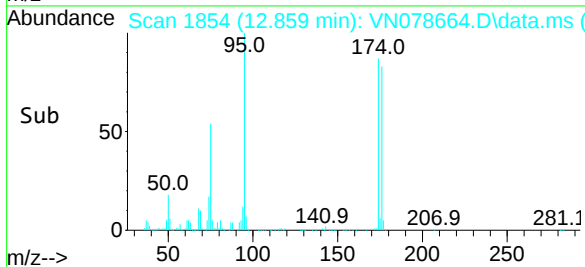
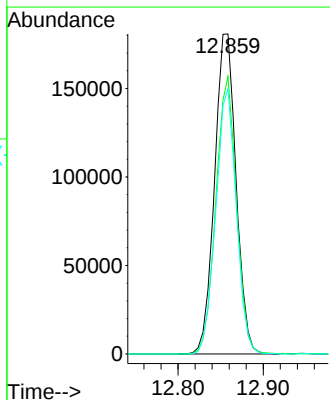
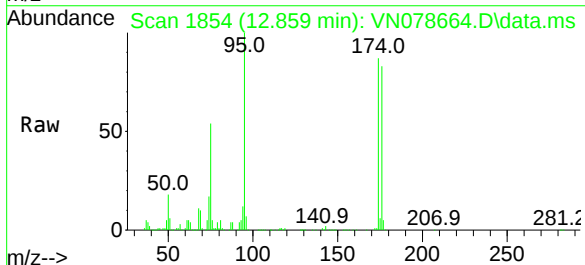
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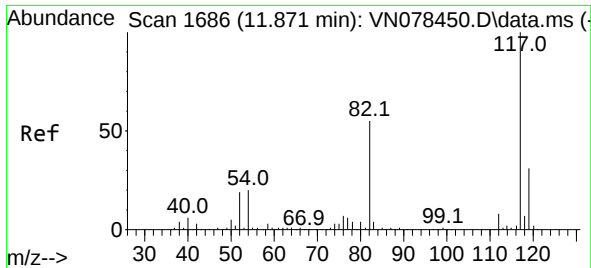
Tgt Ion: 43 Resp: 176014
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 53.280 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

Tgt Ion: 95 Resp: 317762
Ion Ratio Lower Upper
95 100
174 83.0 0.0 143.8
176 79.0 0.0 135.8

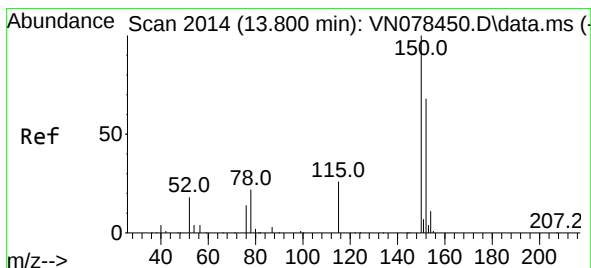
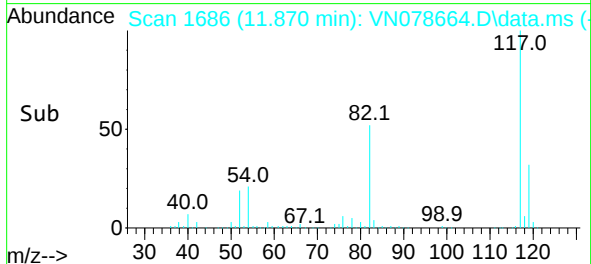
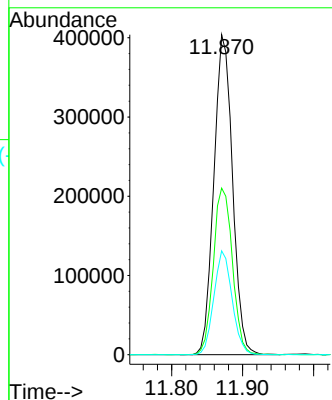
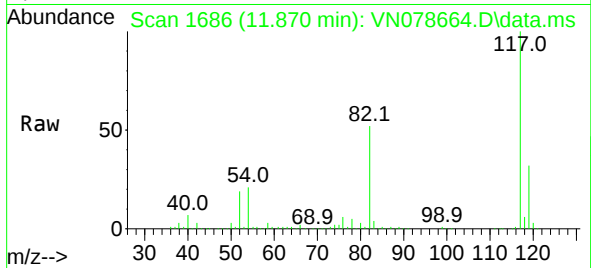




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :
PB154443ZHE#01

Tgt Ion:117 Resp: 735598
Ion Ratio Lower Upper
117 100
82 52.0 44.0 66.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078664.D
Acq: 27 Jul 2023 16:55

Tgt Ion:152 Resp: 276869
Ion Ratio Lower Upper
152 100
115 58.8 32.3 96.8
150 154.4 0.0 355.8

