

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078626.D
 Acq On : 21 Jul 2023 20:15
 Operator : JC\MD
 Sample : PB155423TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155423TB

Quant Time: Jul 21 23:31:53 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)

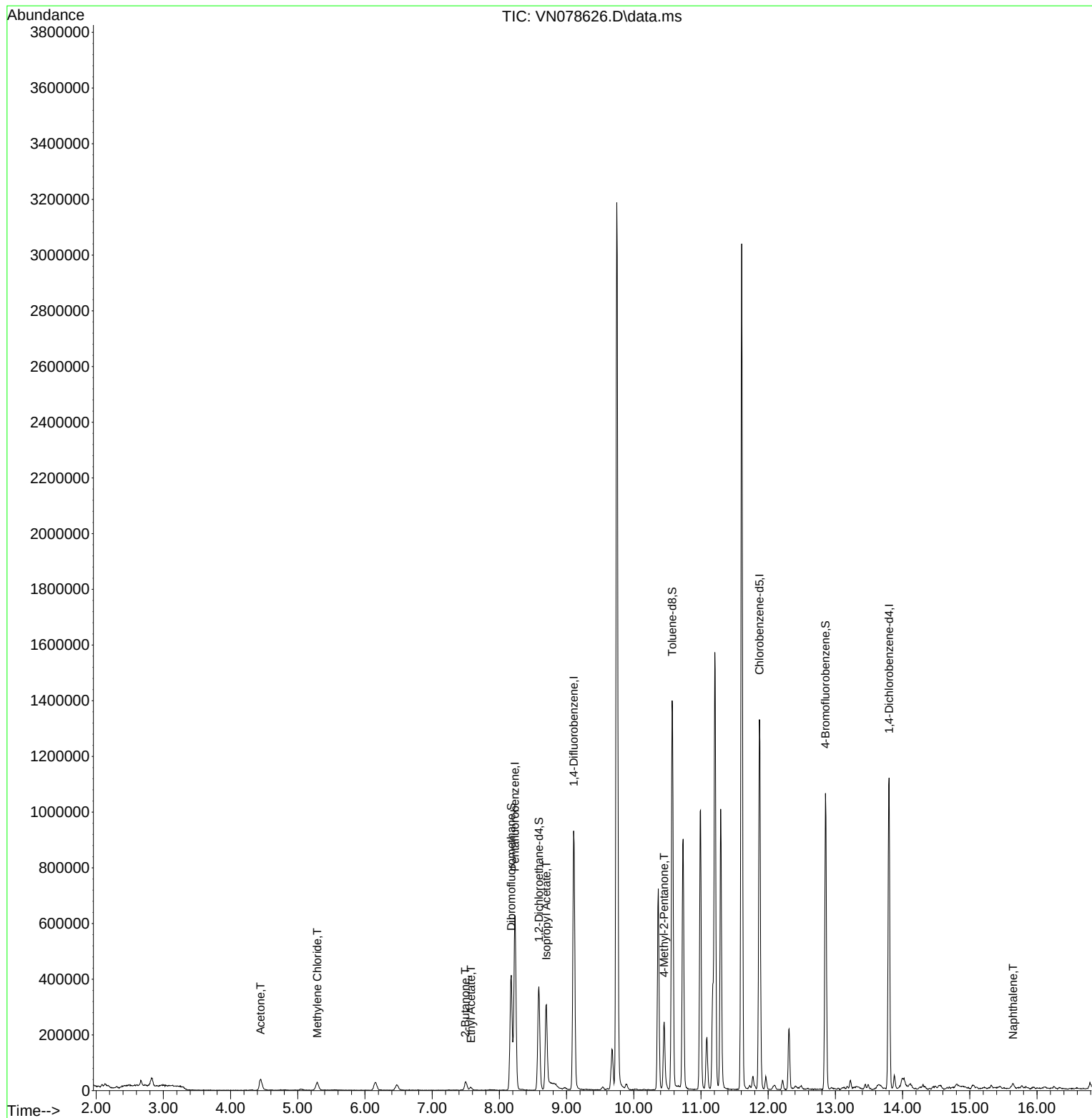
Internal Standards						
1) Pentafluorobenzene	8.230	168	465423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	837554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	811238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	316098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	301993	48.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	8.177	113	293554	51.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.260%
50) Toluene-d8	10.571	98	1007112	46.890	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.853	95	365364	55.226	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.460%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	76268	39.241	ug/l	94
20) Methylene Chloride	5.289	84	21568	2.712	ug/l	90
25) 2-Butanone	7.494	43	47622	15.565	ug/l #	85
37) Ethyl Acetate	7.577	43	15150	2.214	ug/l #	96
43) Isopropyl Acetate	8.700	43	355540	31.556	ug/l #	81
51) 4-Methyl-2-Pentanone	10.453	43	166144	24.791	ug/l	92
95) Naphthalene	15.647	128	12549	1.014	ug/l #	86

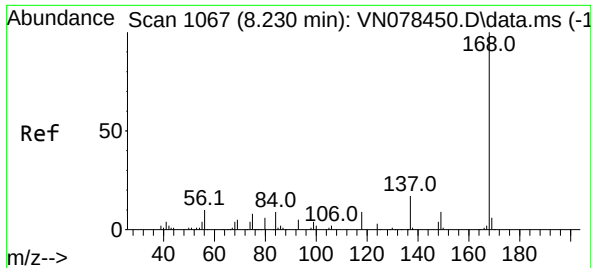
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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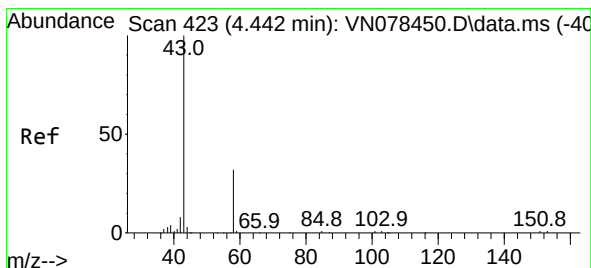
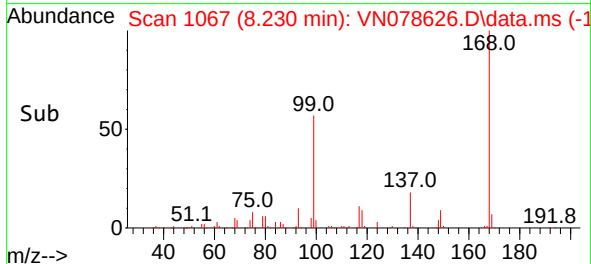
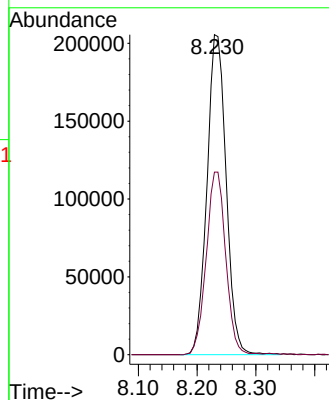
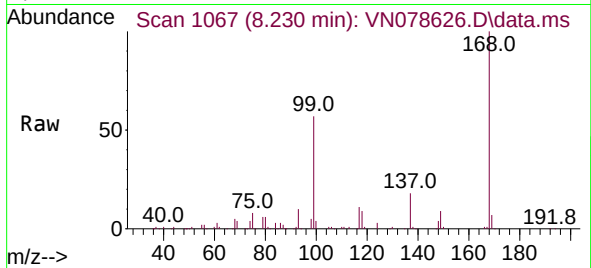




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078626.D
Acq: 21 Jul 2023 20:15

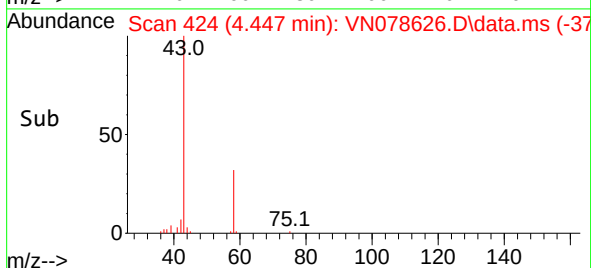
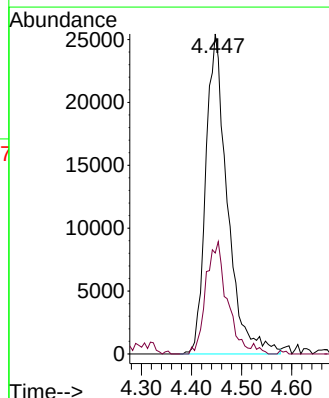
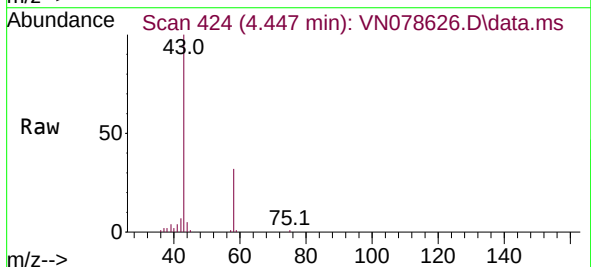
Instrument :
MSVOA_N
ClientSampleId :
PB155423TB

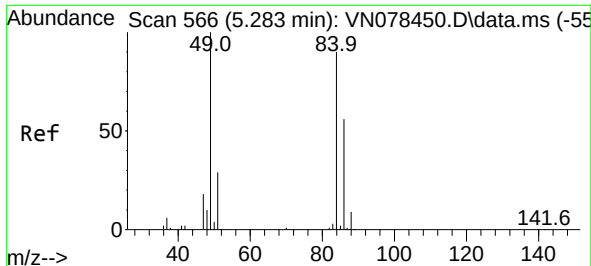
Tgt Ion:168 Resp: 465423
Ion Ratio Lower Upper
168 100
99 57.0 53.0 79.6



#16
Acetone
Concen: 39.241 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078626.D
Acq: 21 Jul 2023 20:15

Tgt Ion: 43 Resp: 76268
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0

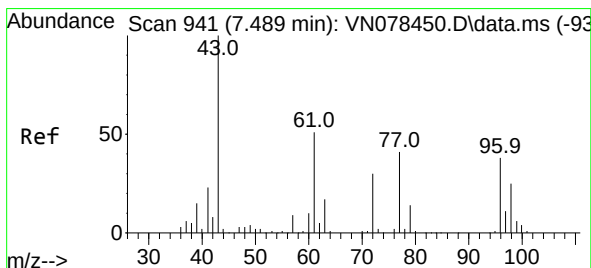
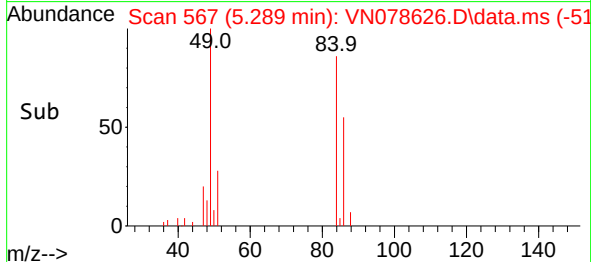
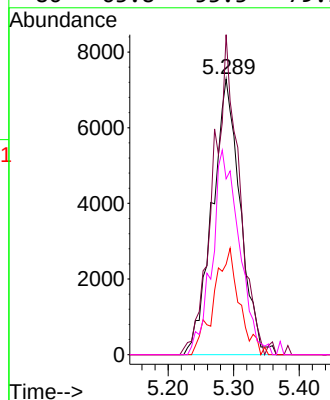
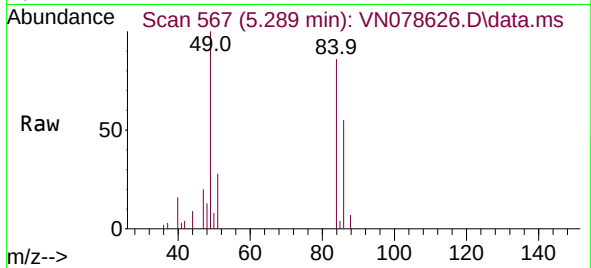




#20
Methylene Chloride
Concen: 2.712 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078626.D
Acq: 21 Jul 2023 20:15

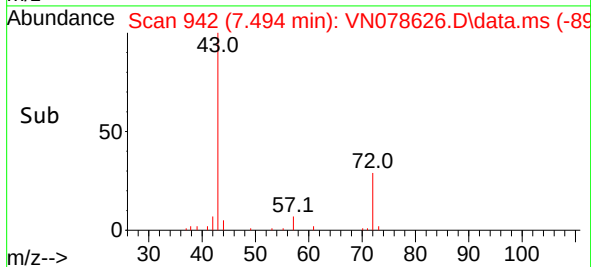
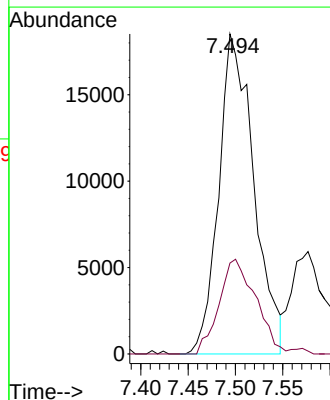
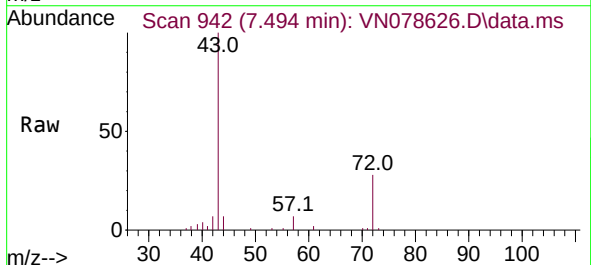
Instrument :
MSVOA_N
ClientSampleId :
PB155423TB

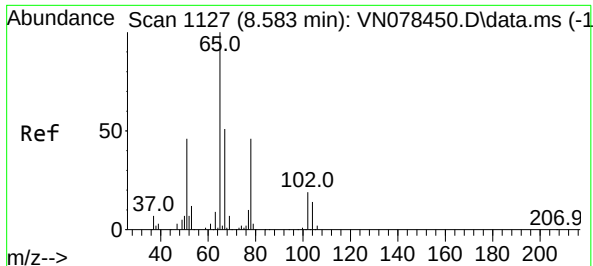
Tgt Ion:	84	Resp:	21568
Ion	Ratio	Lower	Upper
84	100		
49	116.1	79.7	119.5
51	32.8	25.2	37.8
86	63.8	53.3	79.9



#25
2-Butanone
Concen: 15.565 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078626.D
Acq: 21 Jul 2023 20:15

Tgt Ion:	43	Resp:	47622
Ion	Ratio	Lower	Upper
43	100		
72	28.4	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 48.400 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078626.D

Acq: 21 Jul 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

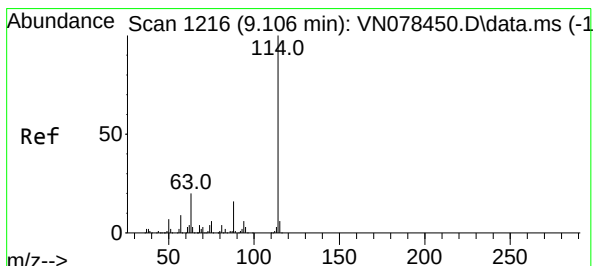
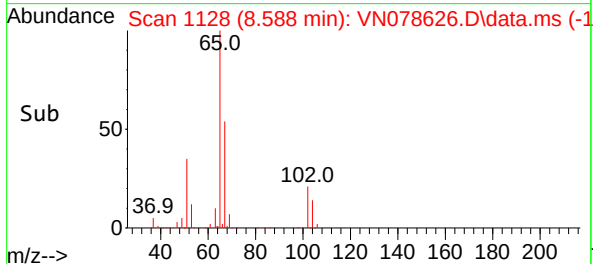
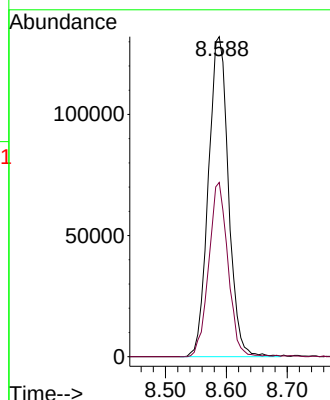
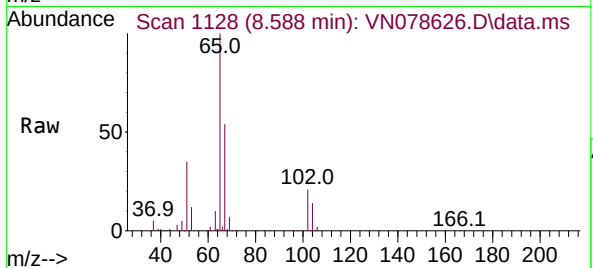
PB155423TB

Tgt Ion: 65 Resp: 301993

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078626.D

Acq: 21 Jul 2023 20:15

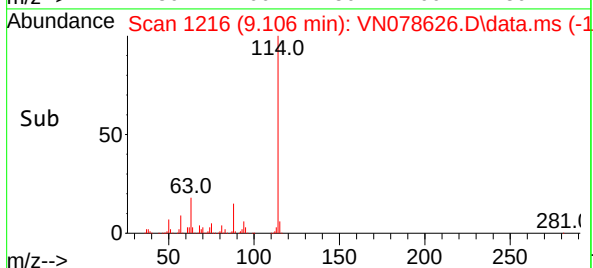
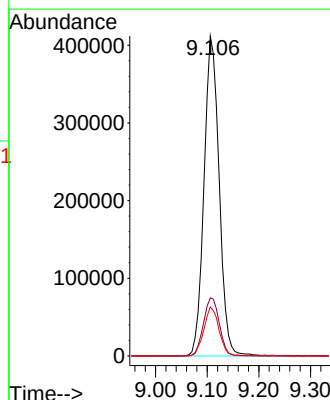
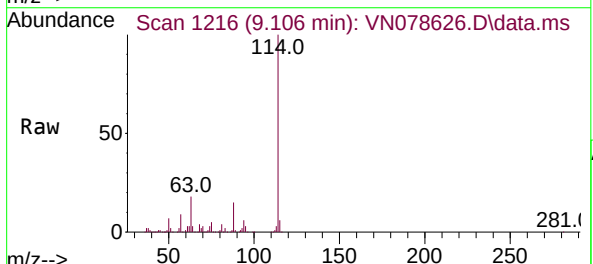
Tgt Ion: 114 Resp: 837554

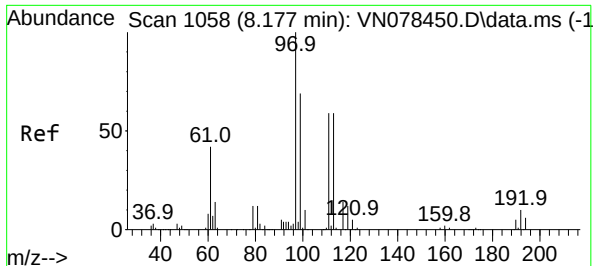
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.631 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078626.D

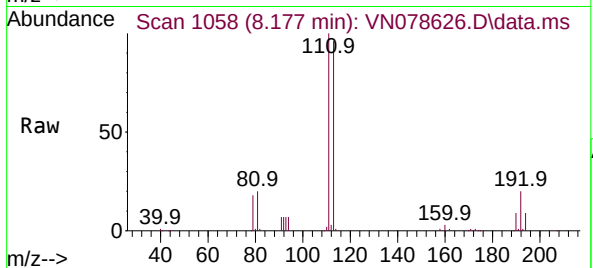
Acq: 21 Jul 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

PB155423TB



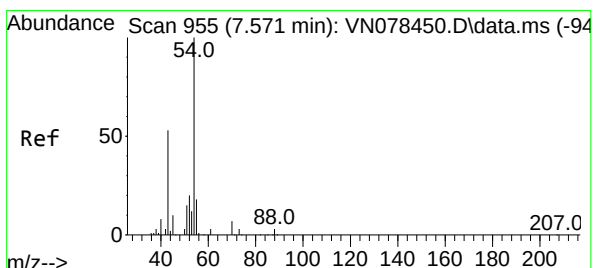
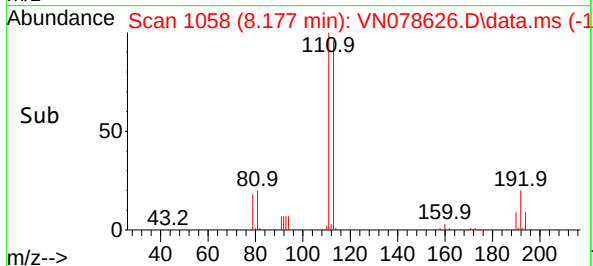
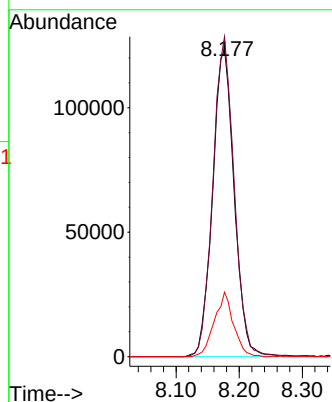
Tgt Ion:113 Resp: 293554

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 18.6 12.7 19.1



#37

Ethyl Acetate

Concen: 2.214 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN078626.D

Acq: 21 Jul 2023 20:15

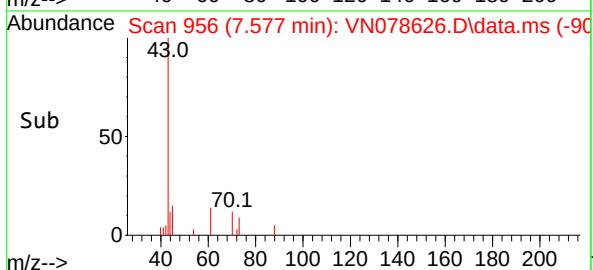
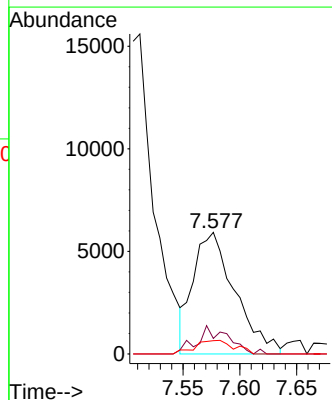
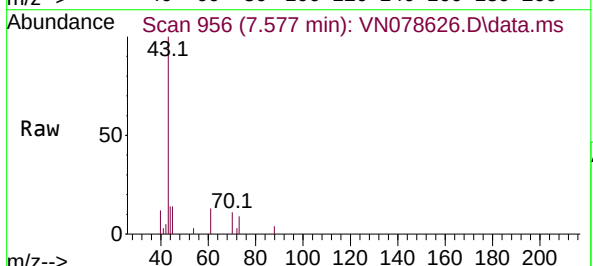
Tgt Ion: 43 Resp: 15150

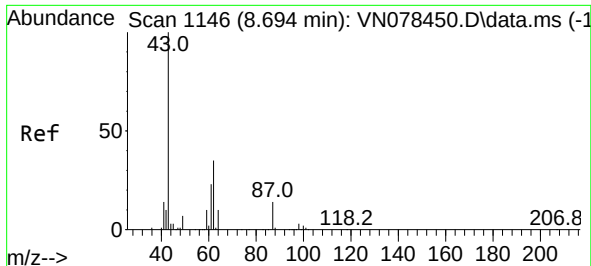
Ion Ratio Lower Upper

43 100

61 16.6 13.2 19.8

70 10.4 11.3 16.9#





#43

Isopropyl Acetate

Concen: 31.556 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078626.D

Acq: 21 Jul 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

PB155423TB

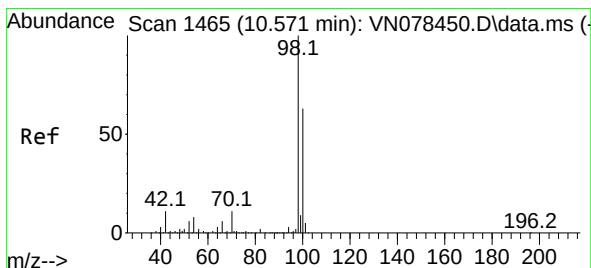
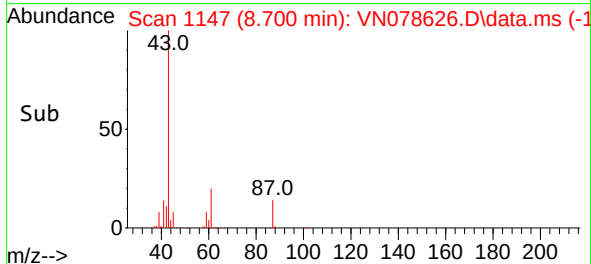
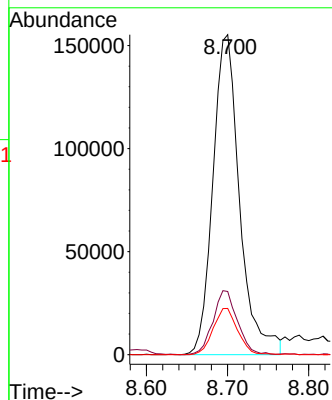
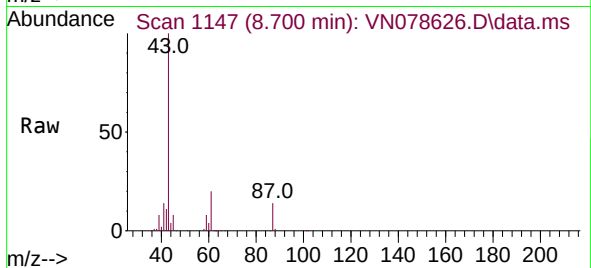
Tgt Ion: 43 Resp: 355540

Ion Ratio Lower Upper

43 100

61 18.3 24.7 37.1#

87 13.2 14.6 21.8#



#50

Toluene-d8

Concen: 46.890 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078626.D

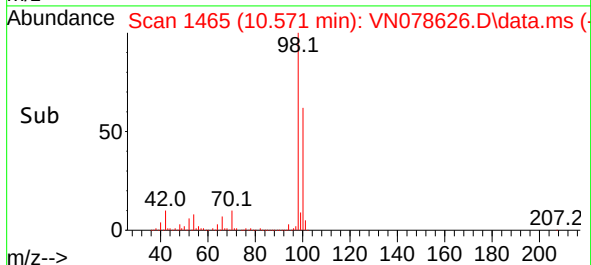
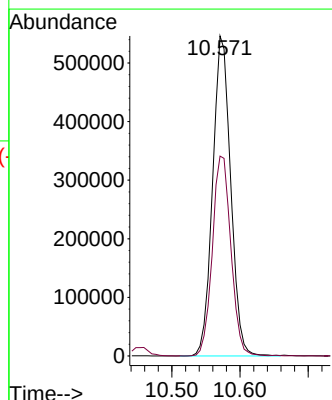
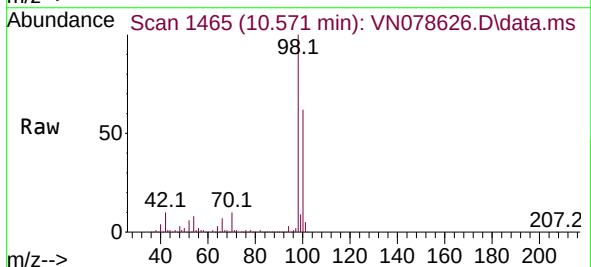
Acq: 21 Jul 2023 20:15

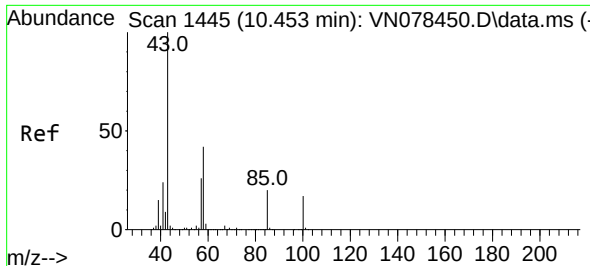
Tgt Ion: 98 Resp: 1007112

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

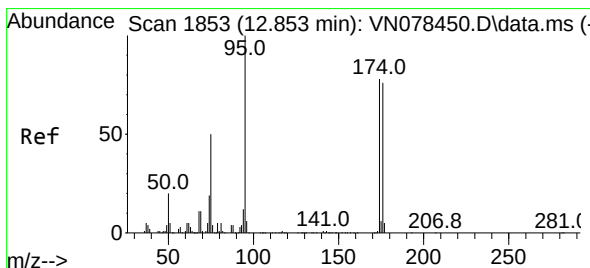
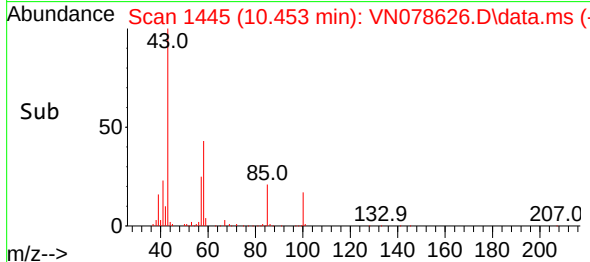
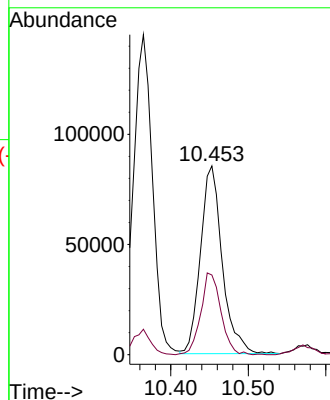
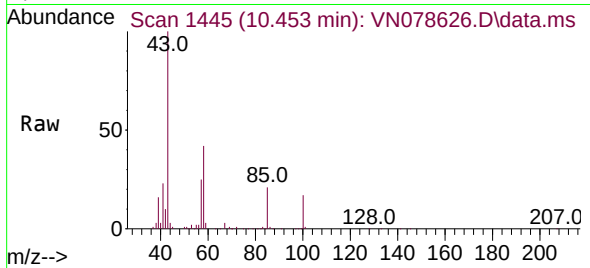




#51
4-Methyl-2-Pentanone
Concen: 24.791 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078626.D
Acq: 21 Jul 2023 20:15

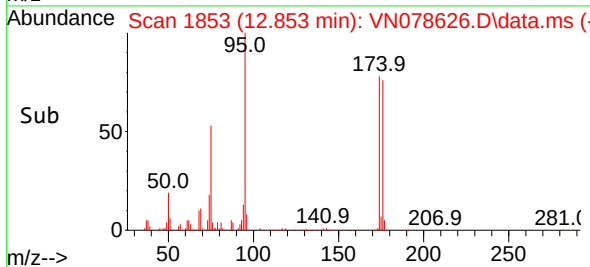
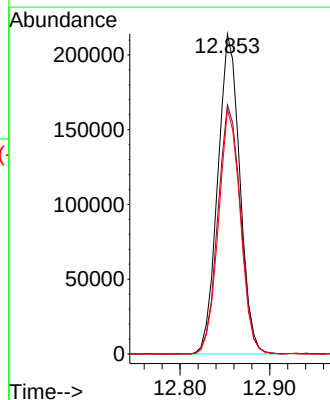
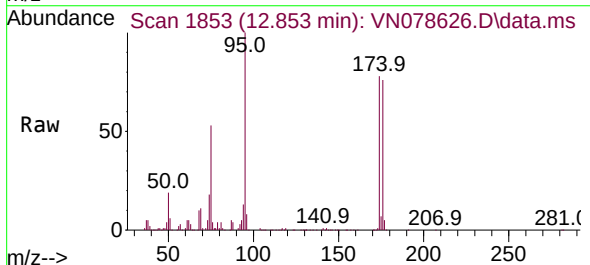
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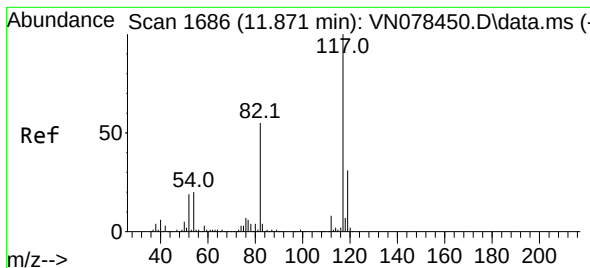
Tgt Ion: 43 Resp: 166144
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 55.226 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078626.D
Acq: 21 Jul 2023 20:15

Tgt Ion: 95 Resp: 365364
Ion Ratio Lower Upper
95 100
174 80.4 0.0 143.8
176 75.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078626.D

Acq: 21 Jul 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

PB155423TB

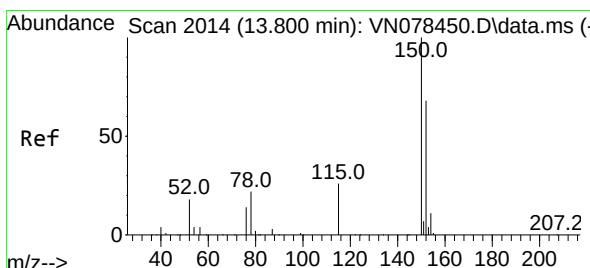
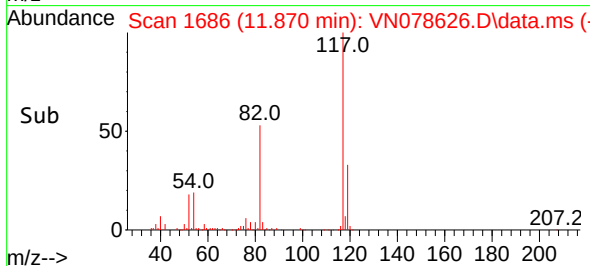
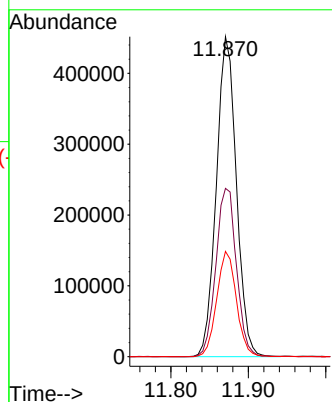
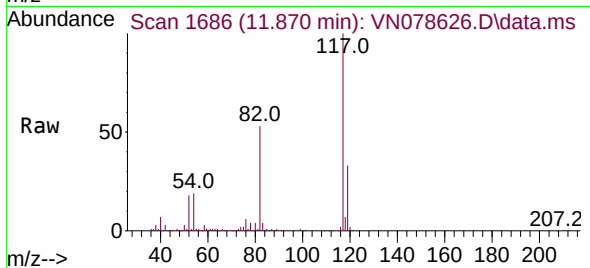
Tgt Ion:117 Resp: 811238

Ion Ratio Lower Upper

117 100

82 52.6 44.0 66.0

119 32.9 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: VN078626.D

Acq: 21 Jul 2023 20:15

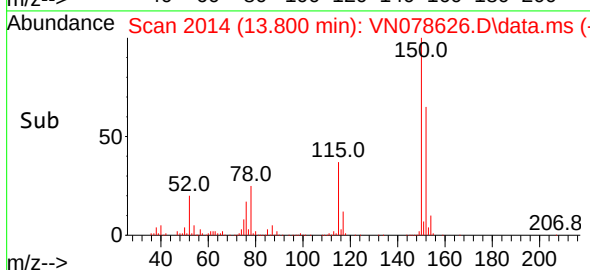
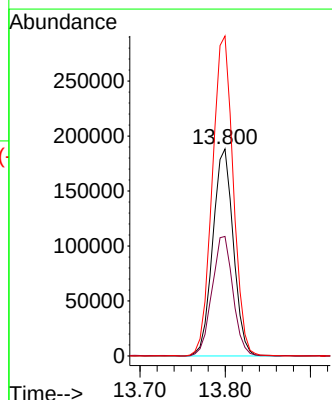
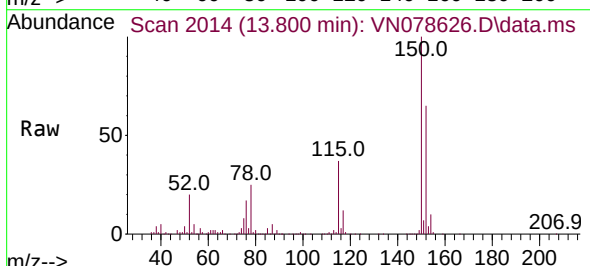
Tgt Ion:152 Resp: 316098

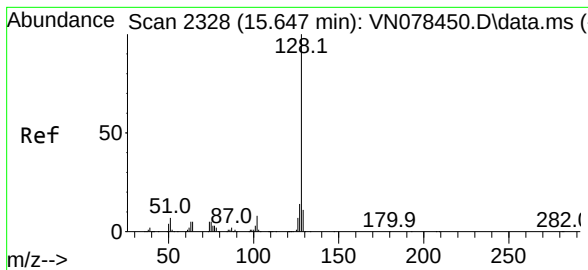
Ion Ratio Lower Upper

152 100

115 58.7 32.3 96.8

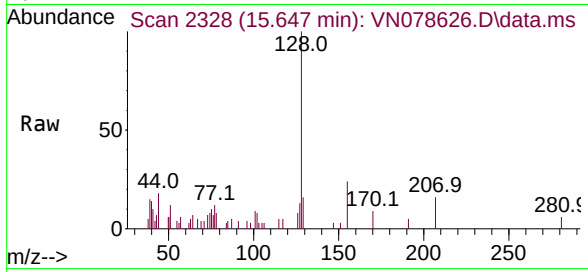
150 157.2 0.0 355.8





#95
Naphthalene
Concen: 1.014 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078626.D
Acq: 21 Jul 2023 20:15

Instrument :
MSVOA_N
ClientSampleId :
PB155423TB



Tgt Ion:	128	Resp:	12549
Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.0	15.0#
129	18.3	8.7	13.1#

