

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078326.D
 Acq On : 21 Jun 2023 16:46
 Operator : JC\MD
 Sample : 03336-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Quant Time: Jun 22 04:51:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

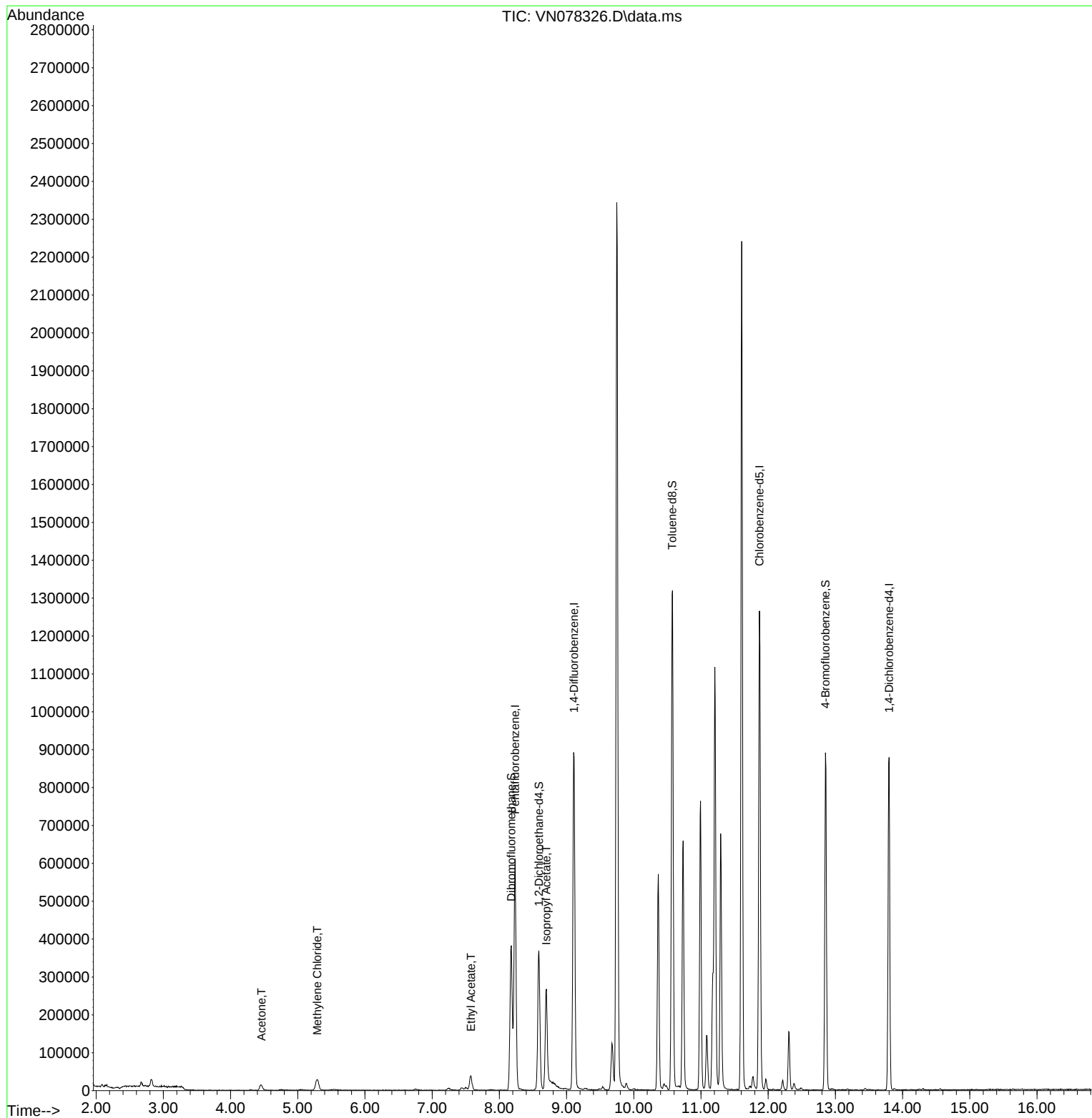
Internal Standards						
1) Pentafluorobenzene	8.235	168	423335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	810175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	761113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	304975	54.032	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	108.060%	
35) Dibromofluoromethane	8.176	113	280196	54.698	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.400%	
50) Toluene-d8	10.570	98	960081	48.616	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	97.240%	
62) 4-Bromofluorobenzene	12.853	95	316205	51.505	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	26409	16.255	ug/l	90
20) Methylene Chloride	5.288	84	25386	4.728	ug/l	91
37) Ethyl Acetate	7.577	43	55502	9.669	ug/l	98
43) Isopropyl Acetate	8.700	43	340775	31.042	ug/l #	77

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

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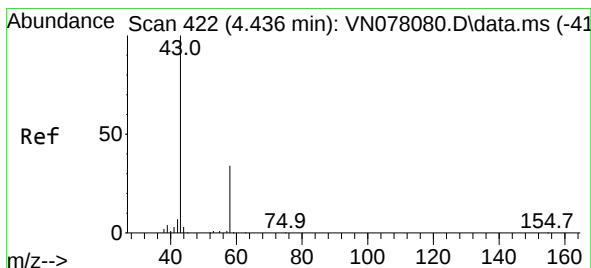
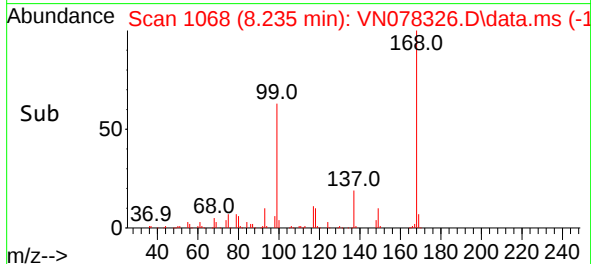
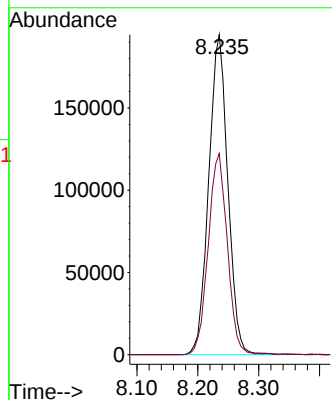
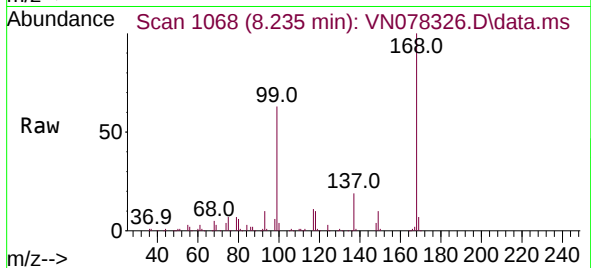




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

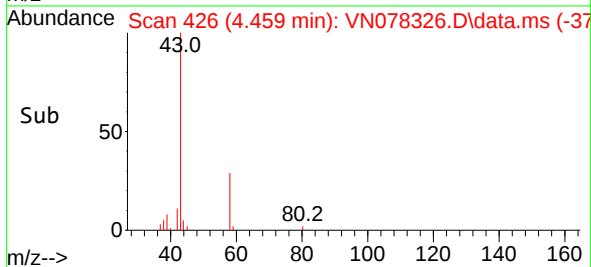
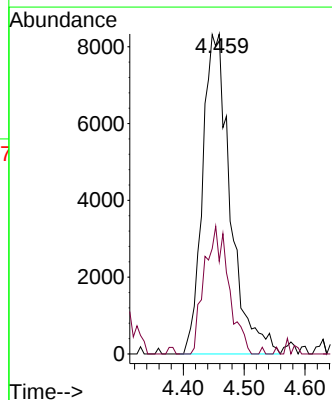
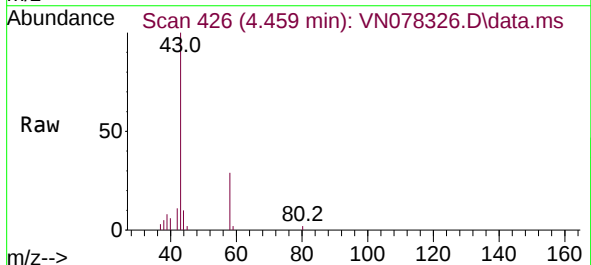
Instrument :
MSVOA_N
ClientSampleId :
WC-5

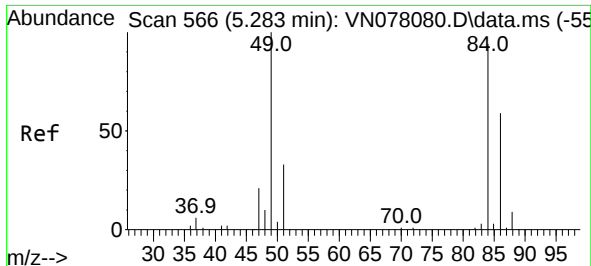
Tgt Ion:168 Resp: 423335
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#16
Acetone
Concen: 16.255 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.023 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

Tgt Ion: 43 Resp: 26409
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0

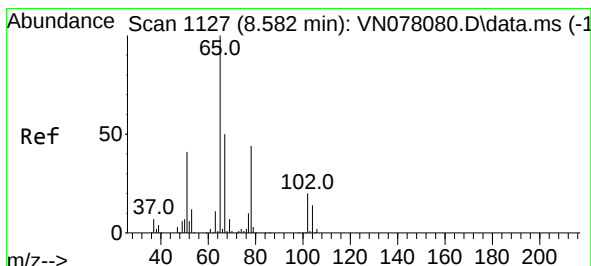
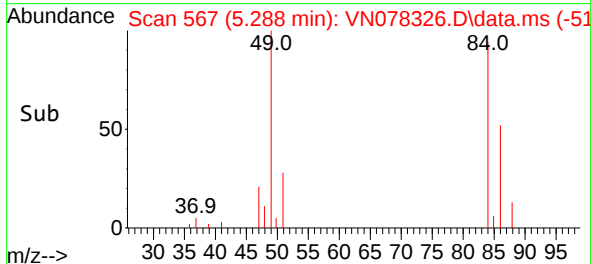
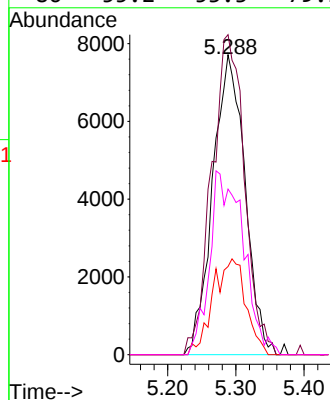
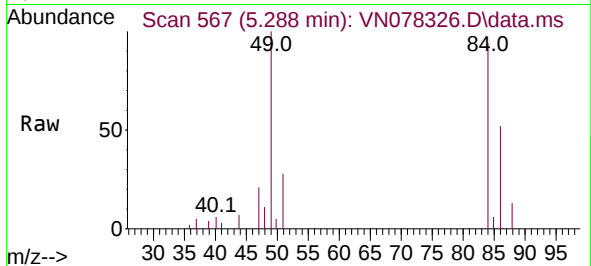




#20
Methylene Chloride
Concen: 4.728 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

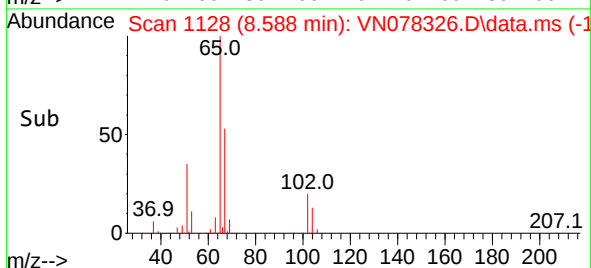
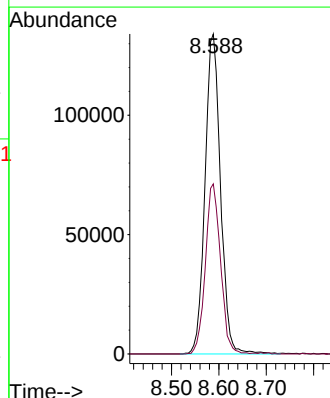
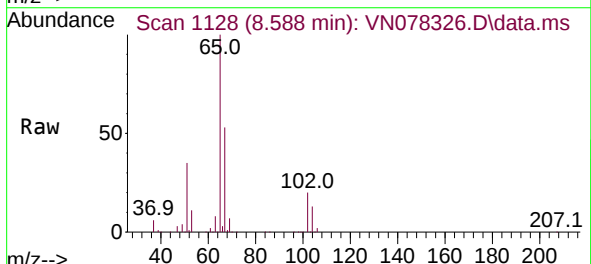
Instrument :
MSVOA_N
ClientSampleId :
WC-5

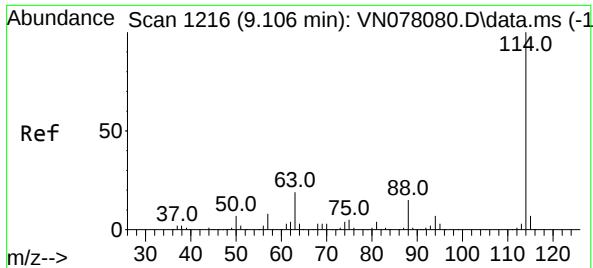
Tgt Ion:	84	Resp:	25386
Ion	Ratio	Lower	Upper
84	100		
49	106.7	79.7	119.5
51	29.4	25.2	37.8
86	55.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 54.032 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

Tgt Ion:	65	Resp:	304975
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078326.D

Acq: 21 Jun 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

WC-5

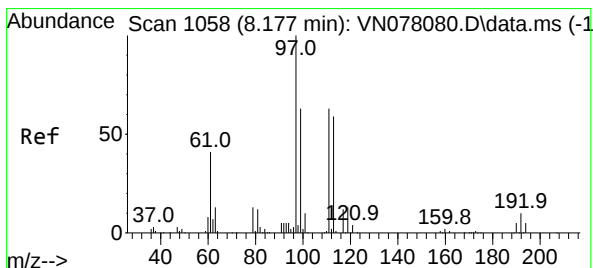
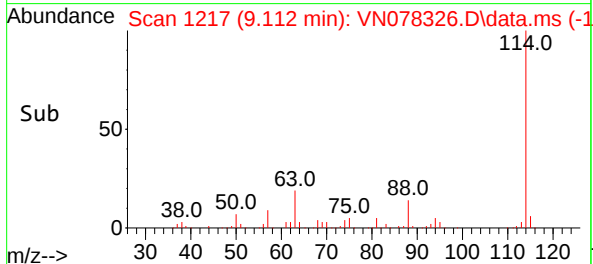
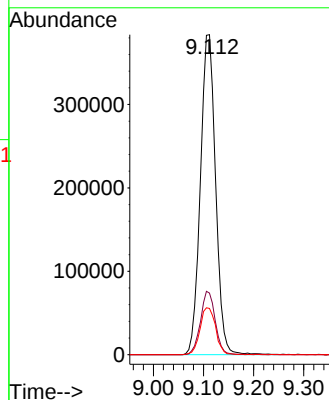
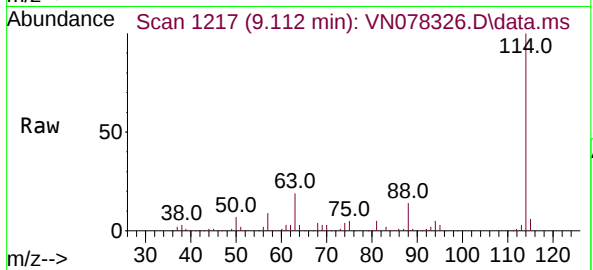
Tgt Ion:114 Resp: 810175

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.698 ug/l

RT: 8.176 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078326.D

Acq: 21 Jun 2023 16:46

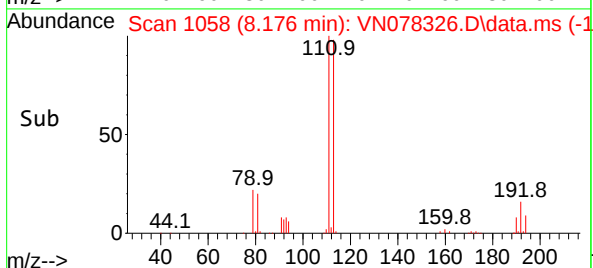
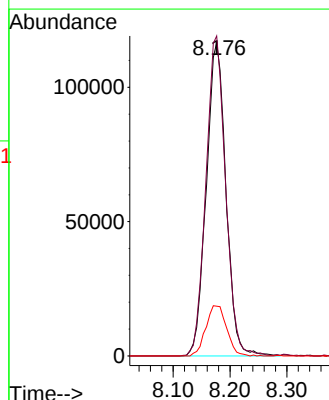
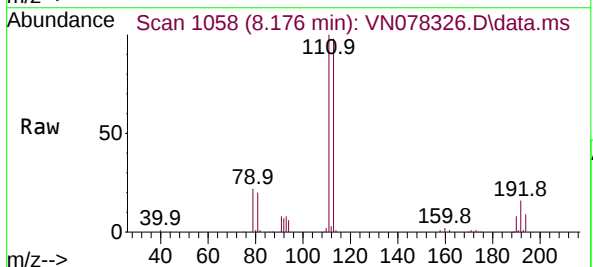
Tgt Ion:113 Resp: 280196

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.9 12.7 19.1

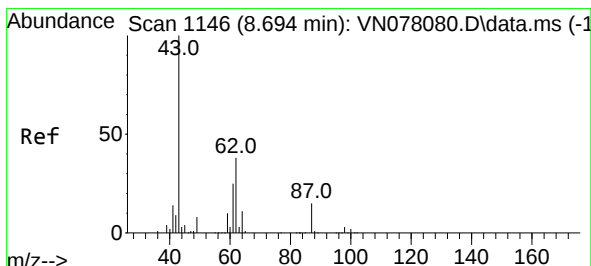
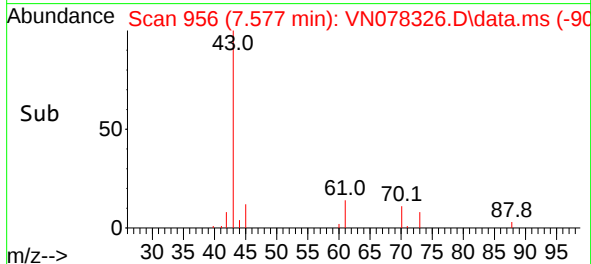
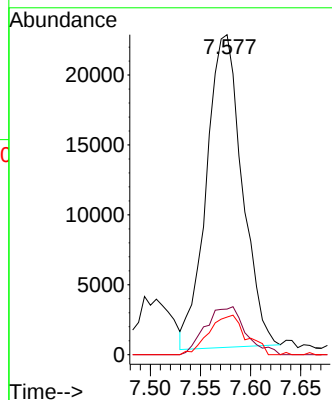
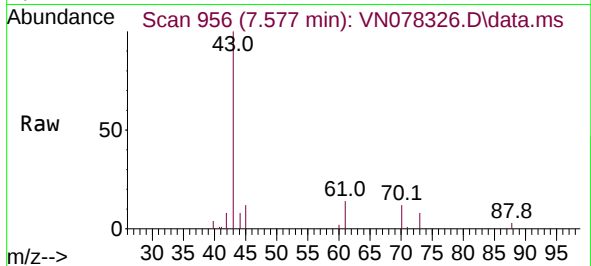




#37
Ethyl Acetate
Concen: 9.669 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

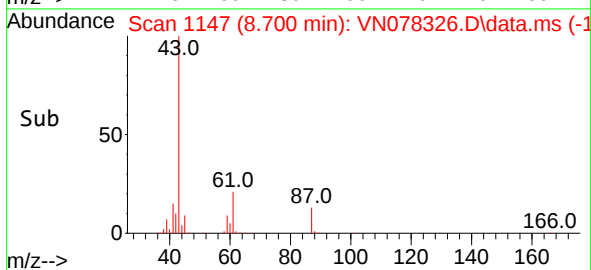
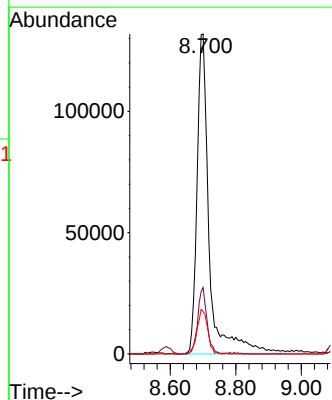
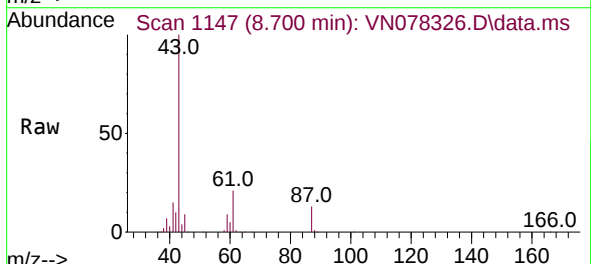
Instrument :
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WC-5

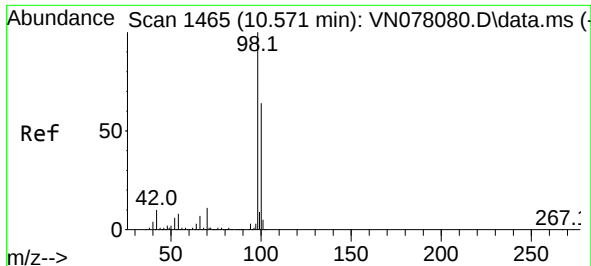
Tgt Ion: 43 Resp: 55502
Ion Ratio Lower Upper
43 100
61 17.0 13.2 19.8
70 13.0 11.3 16.9



#43
Isopropyl Acetate
Concen: 31.042 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

Tgt Ion: 43 Resp: 340775
Ion Ratio Lower Upper
43 100
61 15.7 24.7 37.1#
87 11.9 14.6 21.8#

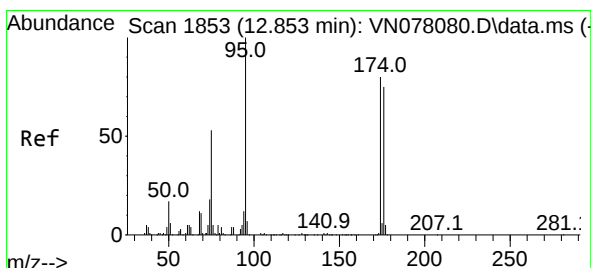
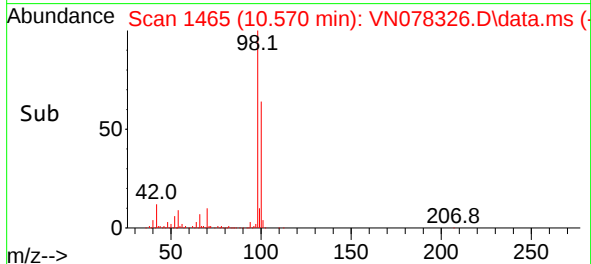
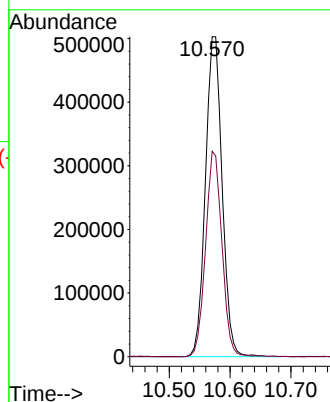
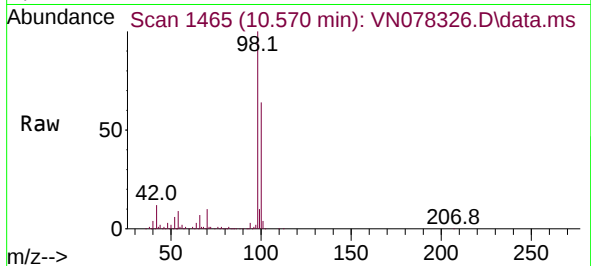




#50
Toluene-d8
Concen: 48.616 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

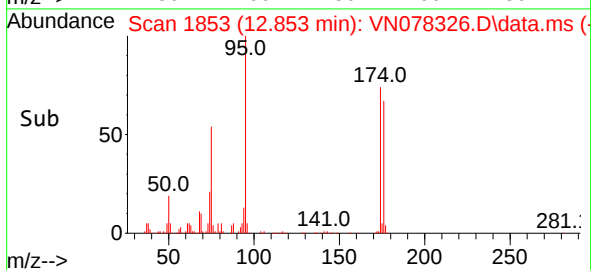
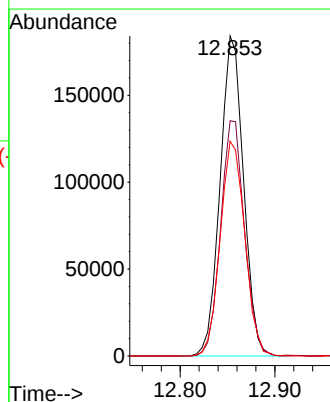
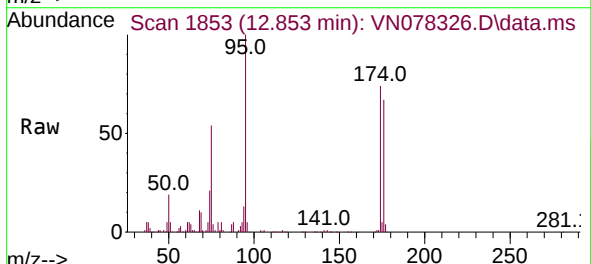
Instrument :
MSVOA_N
ClientSampleId :
WC-5

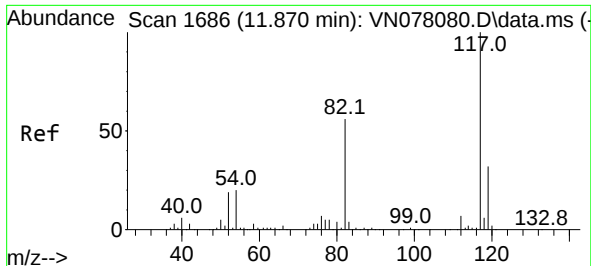
Tgt Ion: 98 Resp: 960081
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.505 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

Tgt Ion: 95 Resp: 316205
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 70.5 0.0 135.8

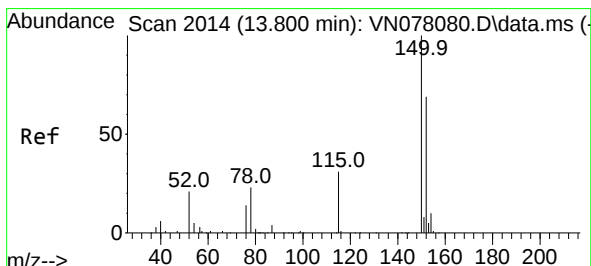
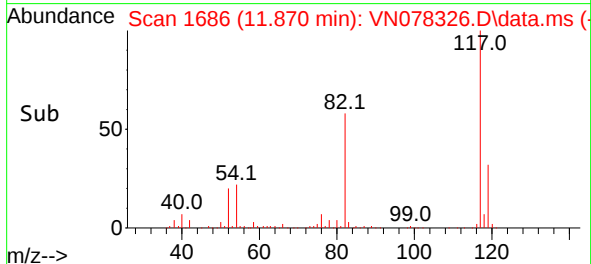
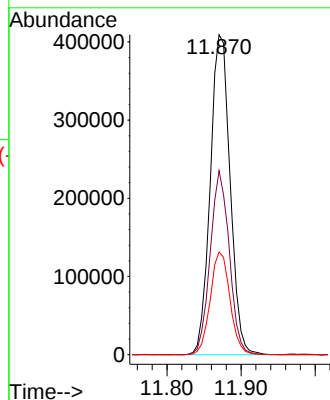
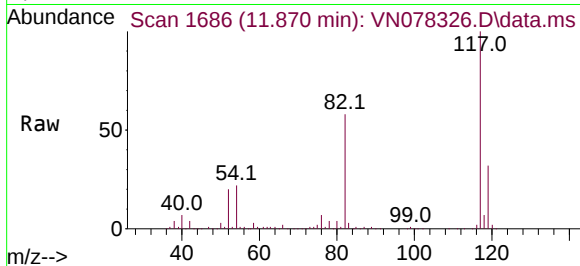




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078326.D
Acq: 21 Jun 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion:117 Resp: 761113
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.1 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: VN078326.D
Acq: 21 Jun 2023 16:46

Tgt Ion:152 Resp: 243356
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 157.0 0.0 355.8

