

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080331.D
 Acq On : 04 Dec 2023 12:23
 Operator : JC\MD
 Sample : PB157524TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157524TB

Quant Time: Dec 05 04:13:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

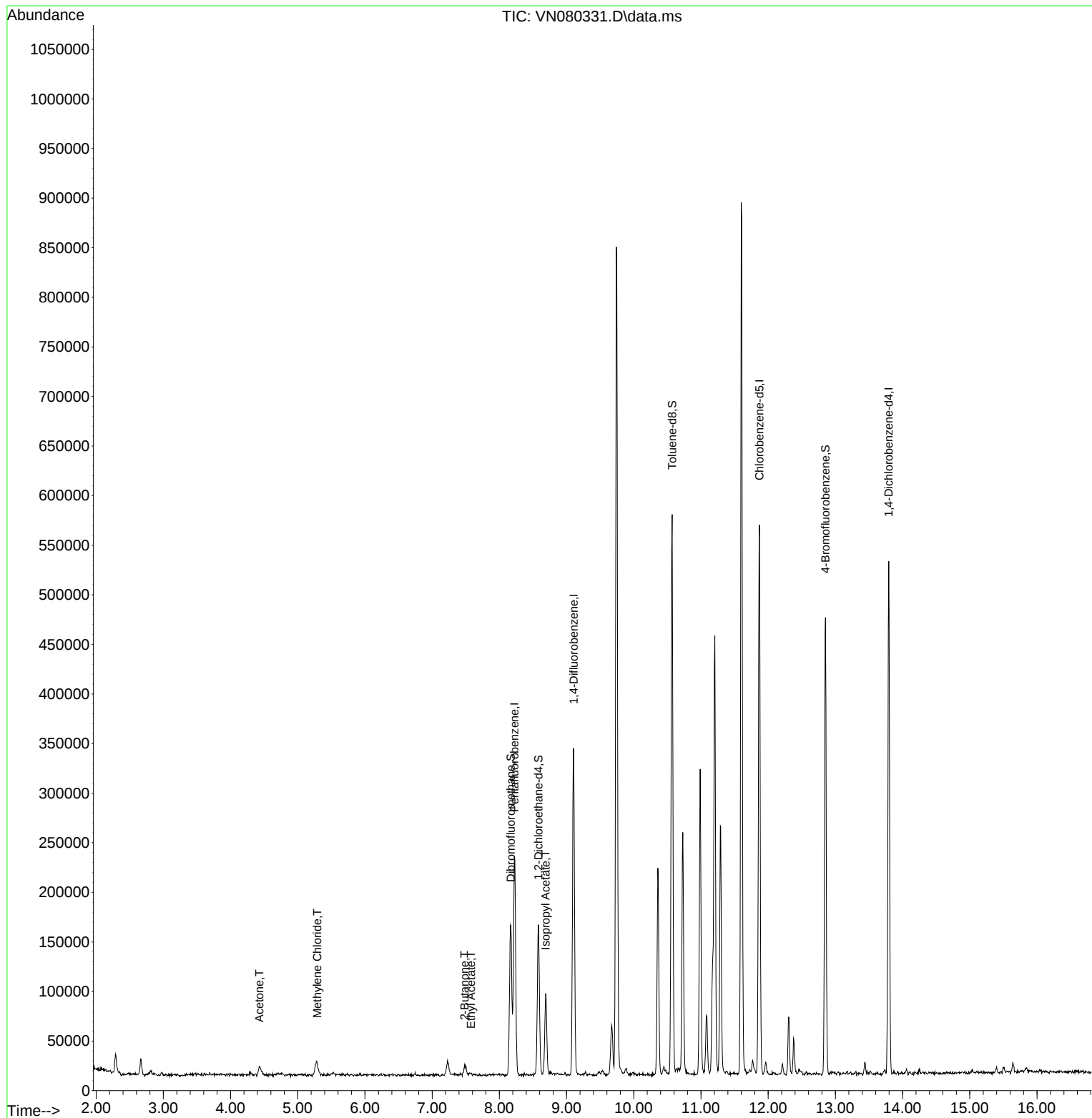
Internal Standards						
1) Pentafluorobenzene	8.224	168	153359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	320868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138260	54.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.200%	
35) Dibromofluoromethane	8.171	113	108622	52.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.660%	
50) Toluene-d8	10.571	98	389255	52.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.853	95	159160	56.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.700%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	16187	19.032	ug/l	90
20) Methylene Chloride	5.289	84	10985	6.168	ug/l #	91
25) 2-Butanone	7.483	43	16303	16.134	ug/l #	83
37) Ethyl Acetate	7.577	43	3029	1.467	ug/l #	71
43) Isopropyl Acetate	8.688	43	87244	21.712	ug/l #	90

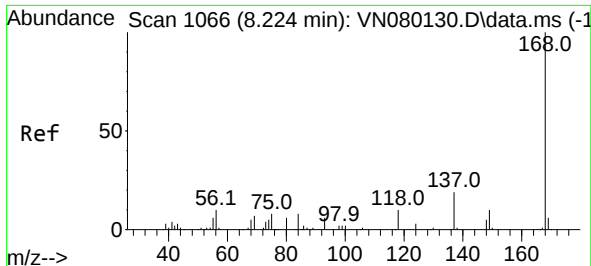
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
Data File : VN080331.D
Acq On : 04 Dec 2023 12:23
Operator : JC\MD
Sample : PB157524TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB157524TB

Quant Time: Dec 05 04:13:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

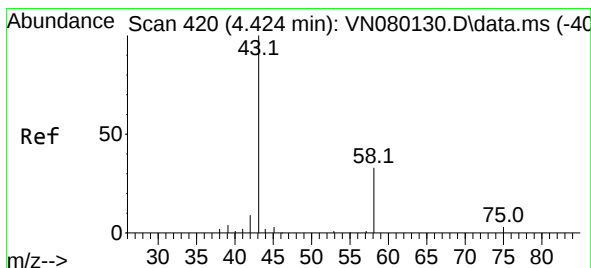
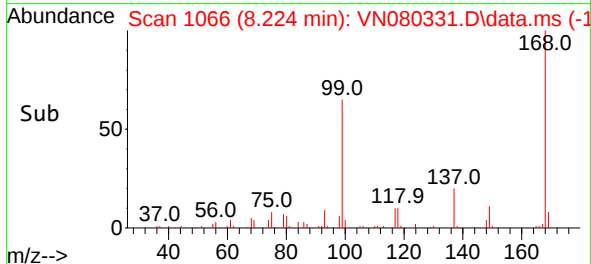
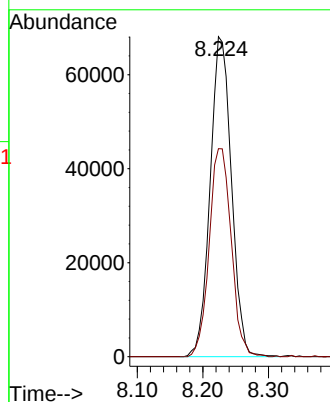
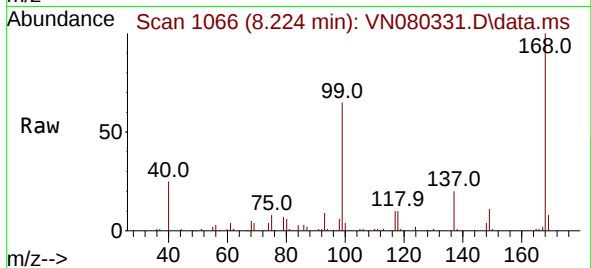




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

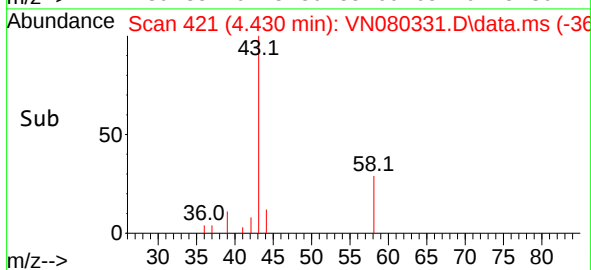
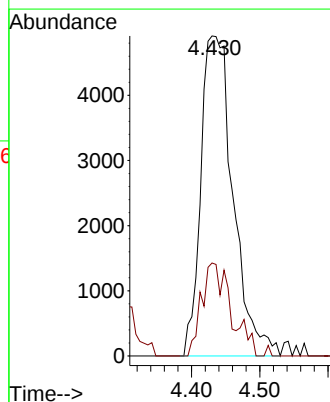
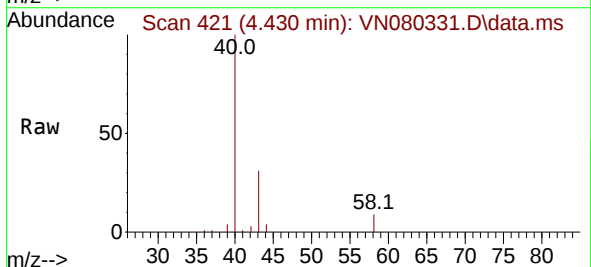
Instrument :
MSVOA_N
ClientSampleId :
PB157524TB

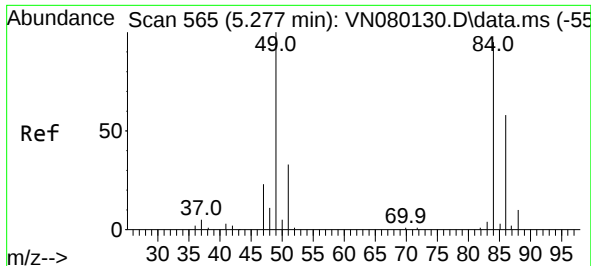
Tgt Ion:168 Resp: 153359
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#16
Acetone
Concen: 19.032 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 43 Resp: 16187
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0





#20

Methylene Chloride

Concen: 6.168 ug/l

RT: 5.289 min Scan# 5

Delta R.T. 0.012 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

PB157524TB

Tgt Ion: 84 Resp: 10985

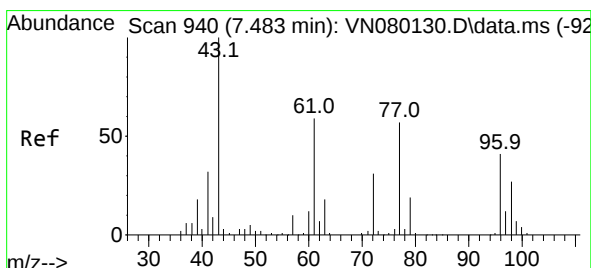
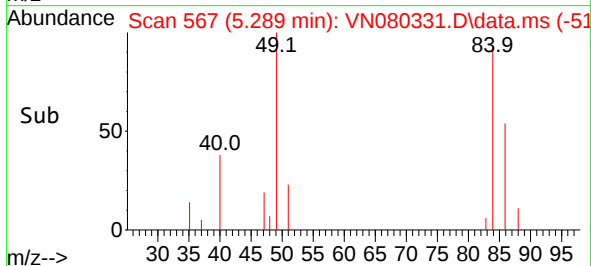
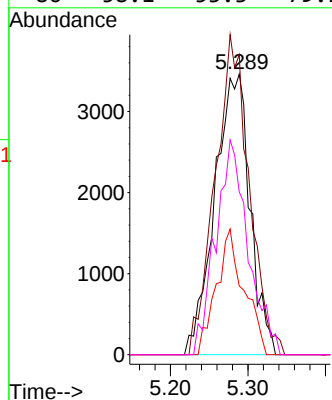
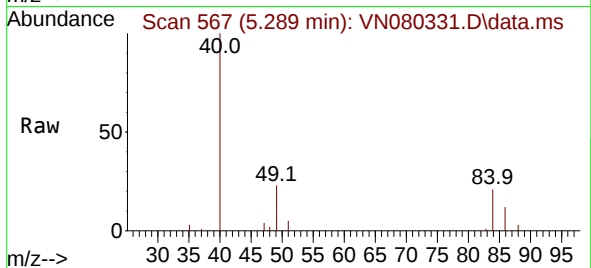
Ion Ratio Lower Upper

84 100

49 107.0 79.7 119.5

51 24.6 25.2 37.8#

86 58.1 53.3 79.9



#25

2-Butanone

Concen: 16.134 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080331.D

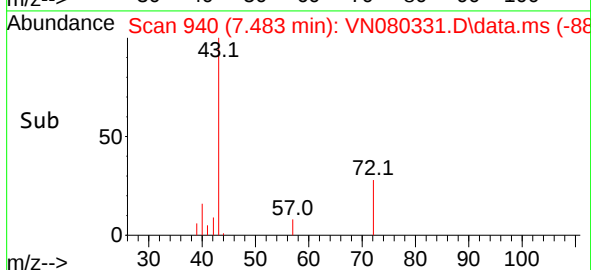
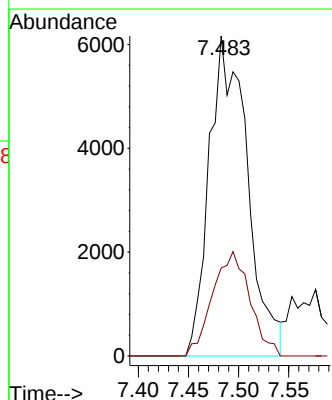
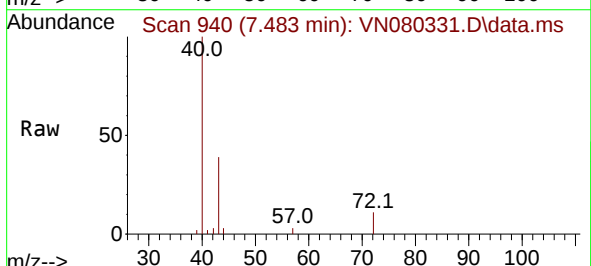
Acq: 04 Dec 2023 12:23

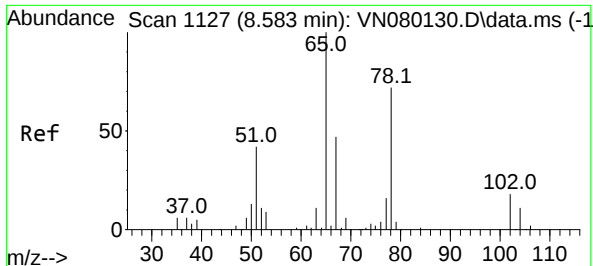
Tgt Ion: 43 Resp: 16303

Ion Ratio Lower Upper

43 100

72 27.5 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 54.601 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

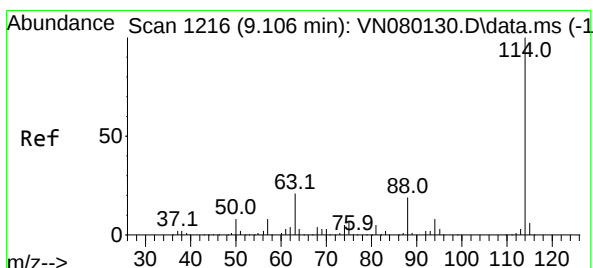
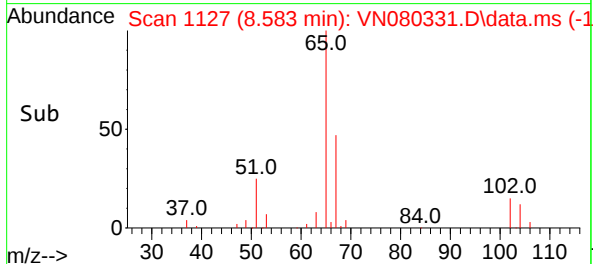
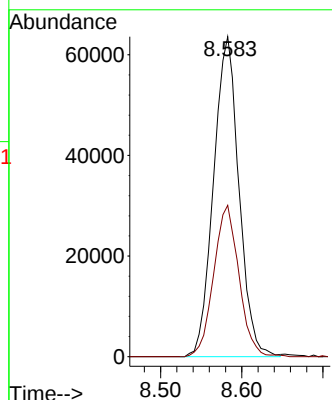
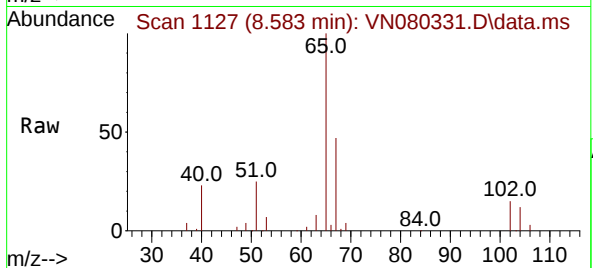
PB157524TB

Tgt Ion: 65 Resp: 138260

Ion Ratio Lower Upper

65 100

67 47.0 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: VN080331.D

Acq: 04 Dec 2023 12:23

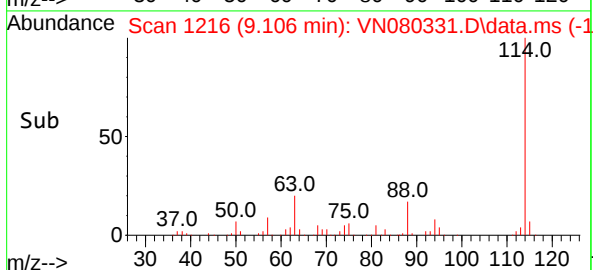
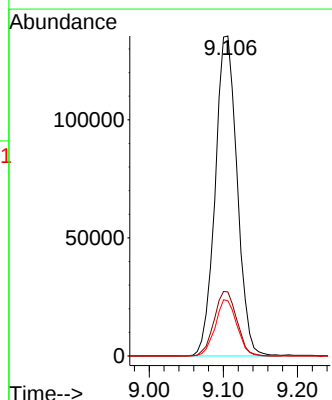
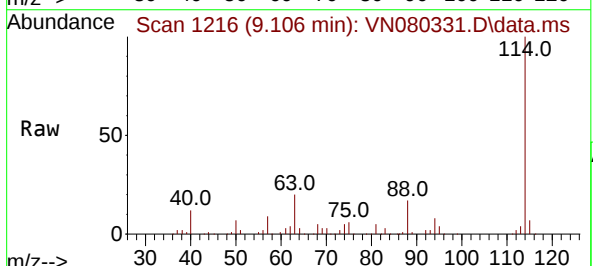
Tgt Ion: 114 Resp: 278658

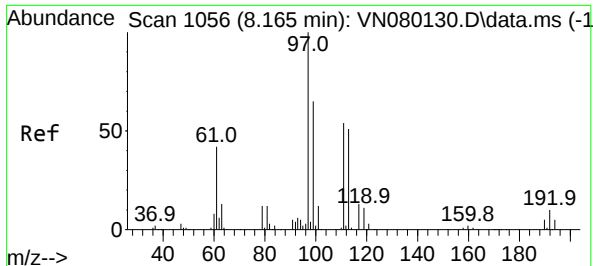
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 17.3 0.0 30.6

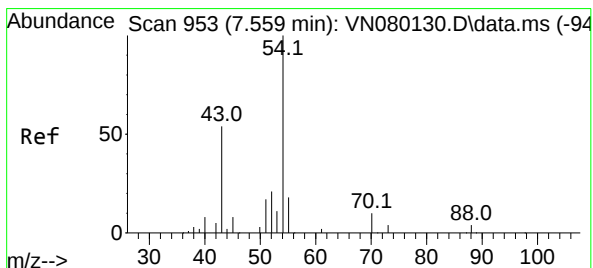
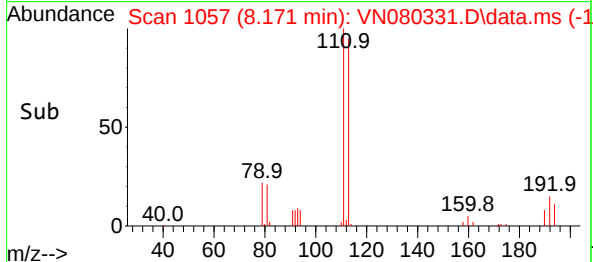
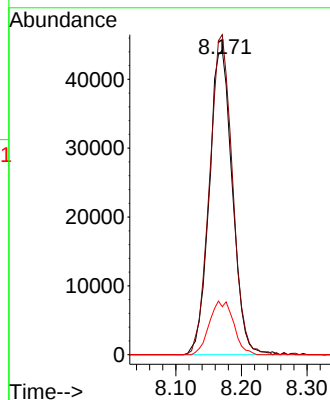
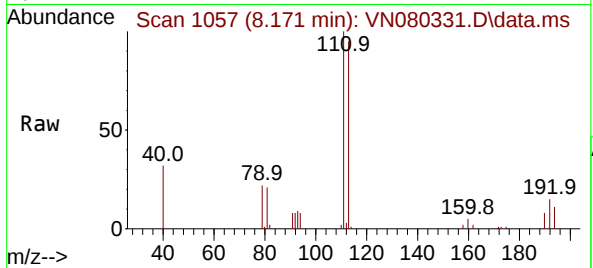




#35
Dibromofluoromethane
Concen: 52.828 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

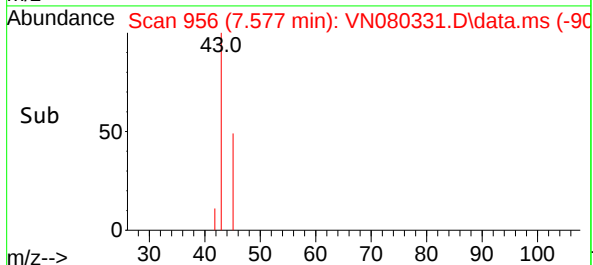
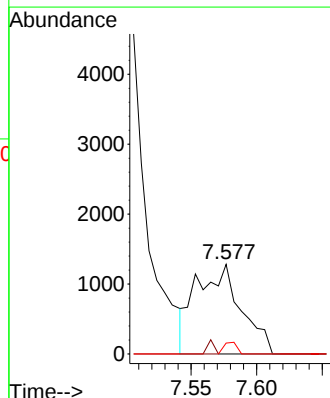
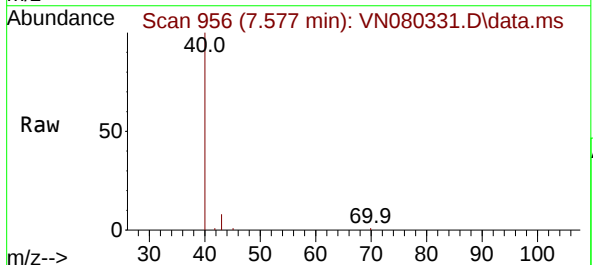
Instrument :
MSVOA_N
ClientSampleId :
PB157524TB

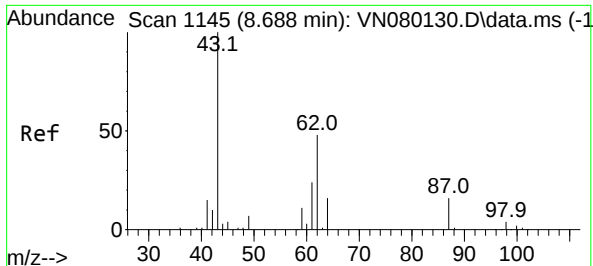
Tgt Ion:113 Resp: 108622
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.4 12.7 19.1



#37
Ethyl Acetate
Concen: 1.467 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.018 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 43 Resp: 3029
Ion Ratio Lower Upper
43 100
61 2.4 13.2 19.8#
70 3.8 11.3 16.9#





#43

Isopropyl Acetate

Concen: 21.712 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

PB157524TB

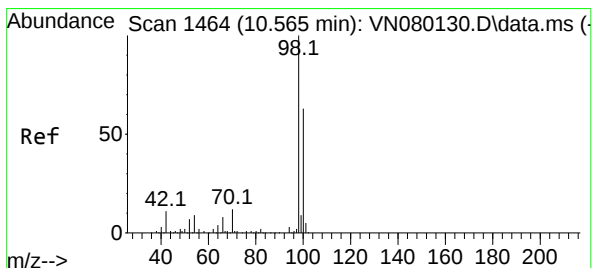
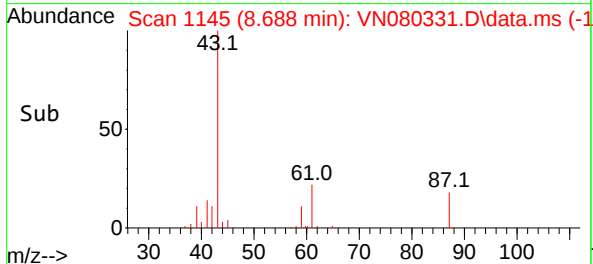
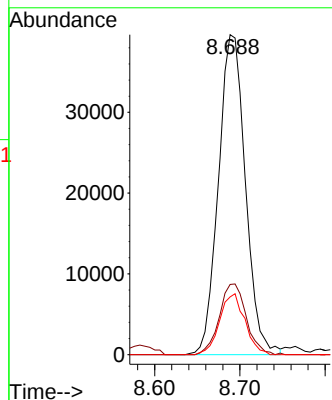
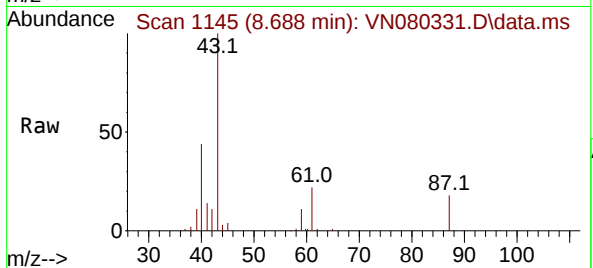
Tgt Ion: 43 Resp: 87244

Ion Ratio Lower Upper

43 100

61 22.1 24.7 37.1#

87 17.9 14.6 21.8



#50

Toluene-d8

Concen: 52.517 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080331.D

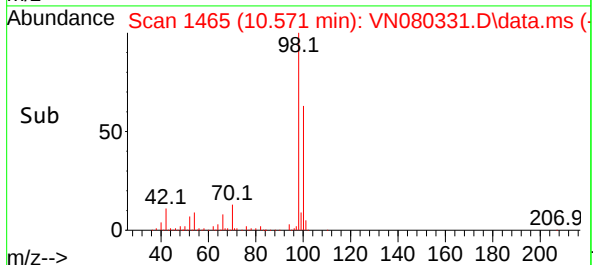
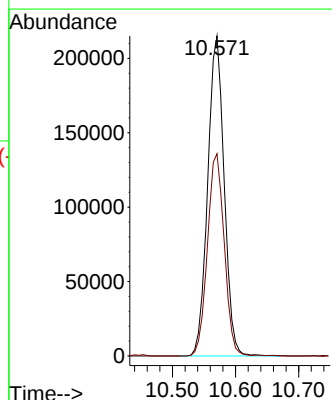
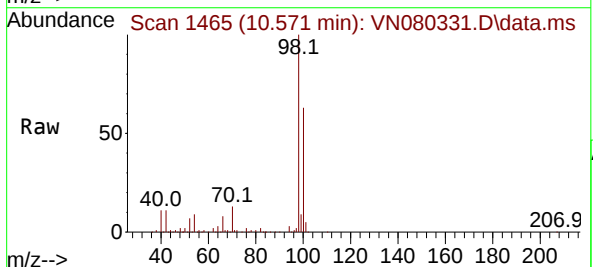
Acq: 04 Dec 2023 12:23

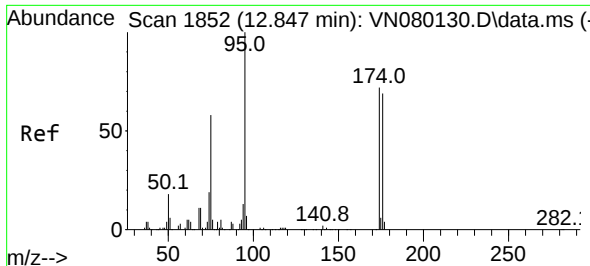
Tgt Ion: 98 Resp: 389255

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

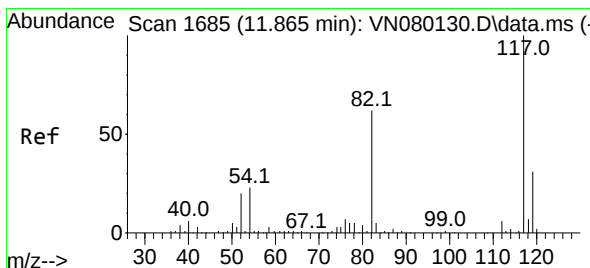
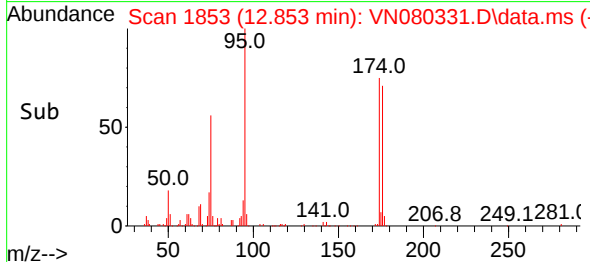
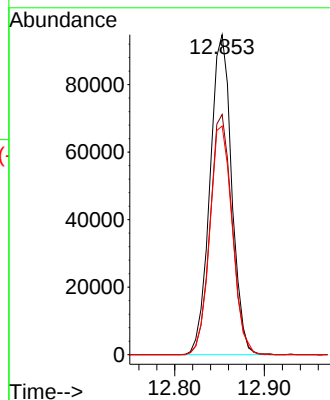
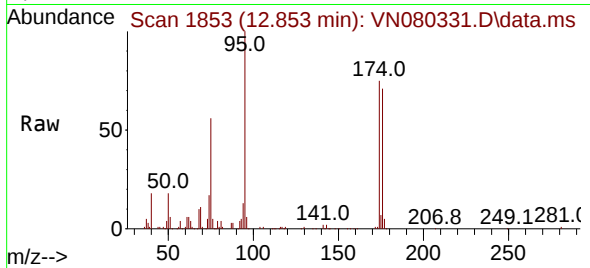




#62
4-Bromofluorobenzene
Concen: 56.851 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

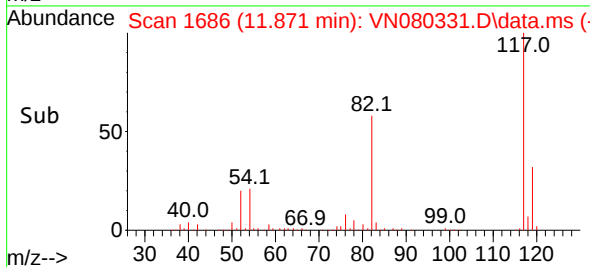
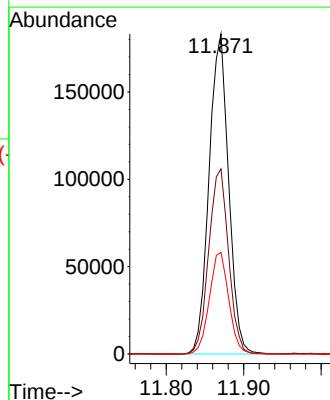
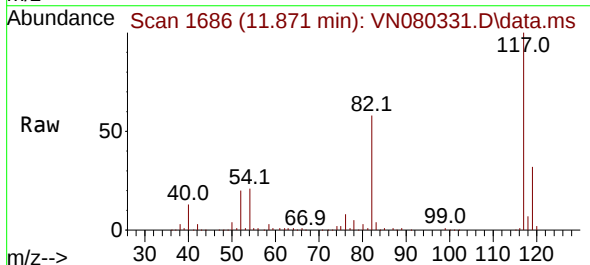
Instrument :
MSVOA_N
ClientSampleId :
PB157524TB

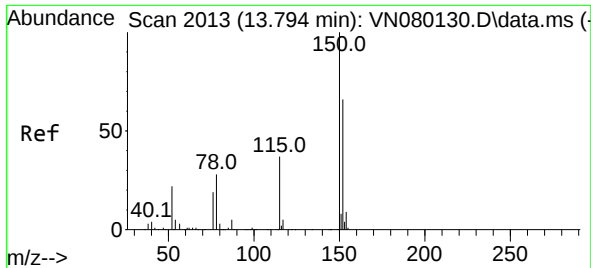
Tgt Ion: 95 Resp: 159160
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 74.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 117 Resp: 320868
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080331.D
 Acq: 04 Dec 2023 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157524TB

Tgt Ion:152 Resp: 133352
 Ion Ratio Lower Upper
 152 100
 115 66.2 32.3 96.8
 150 162.7 0.0 355.8

