

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081156.D
 Acq On : 23 Feb 2024 12:15
 Operator : JC\MD
 Sample : P1562-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Quant Time: Feb 24 00:12:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

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

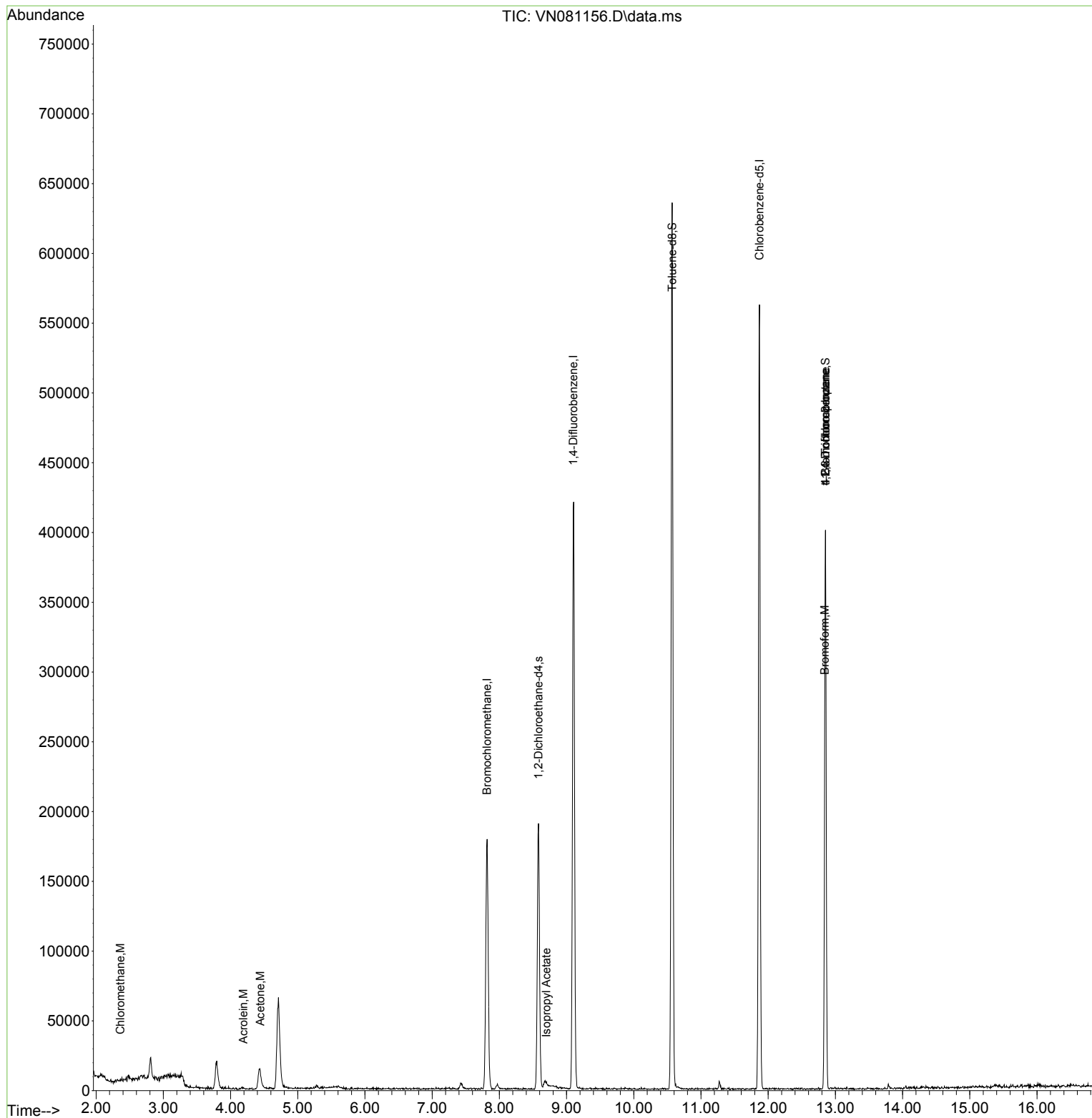
Internal Standards						
1) Bromochloromethane	7.818	128	63683	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	368230	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	318253	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	153885	32.159	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.200%
60) 4-Bromofluorobenzene	12.853	95	141770	29.138	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.133%
63) Toluene-d8	10.571	98	434232	30.404	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.333%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1268	0.291	ug/l	96
13) Acrolein	4.189	56	518	0.721	ug/l	89
15) Acetone	4.442	58	7694	20.452	ug/l	87
44) Isopropyl Acetate	8.700	43	2438	0.324	ug/l #	43
56) Bromoform	12.841	173	872	0.300	ug/l #	35
72) 1,2,3-Trichloropropane	12.853	75	74825	18.030	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	74825	47.646	ug/l #	12

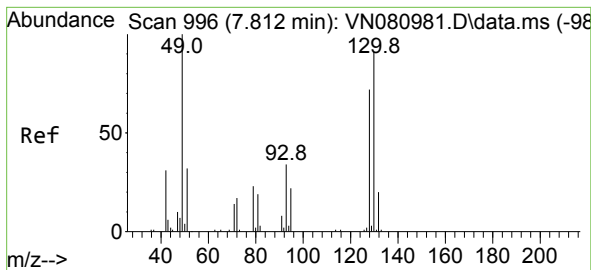
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081156.D
Acq On : 23 Feb 2024 12:15
Operator : JC\MD
Sample : P1562-01 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Quant Time: Feb 24 00:12:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 10 01:55:02 2024
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN081156.D

Acq: 23 Feb 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001

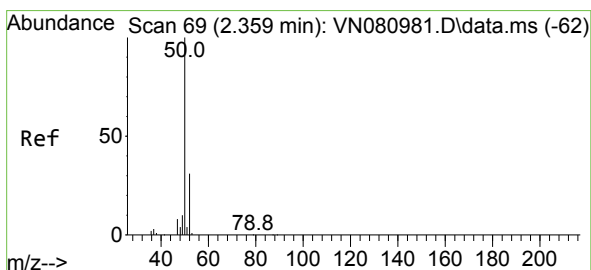
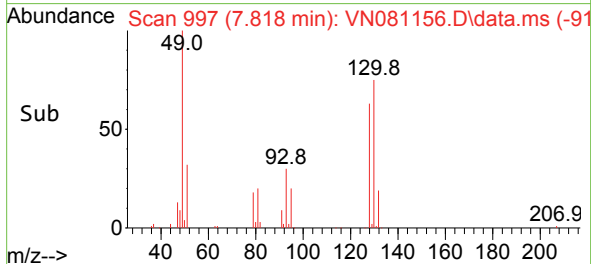
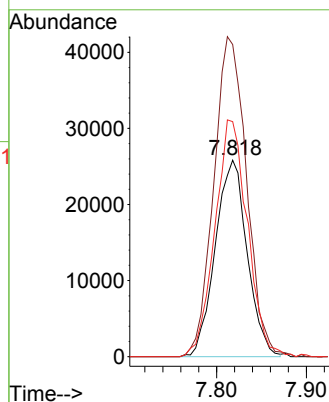
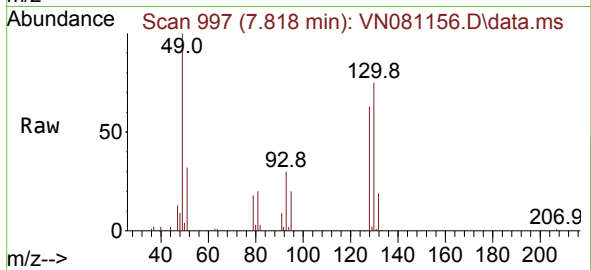
Tgt Ion:128 Resp: 63683

Ion Ratio Lower Upper

128 100

49 166.9 0.0 403.7

130 123.3 0.0 323.3



#3

Chloromethane

Concen: 0.291 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN081156.D

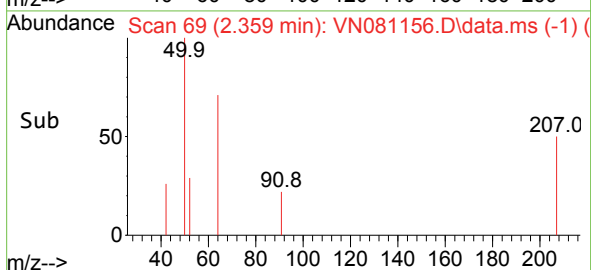
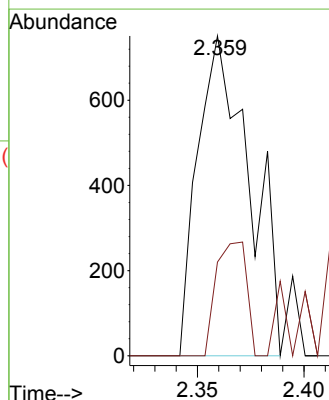
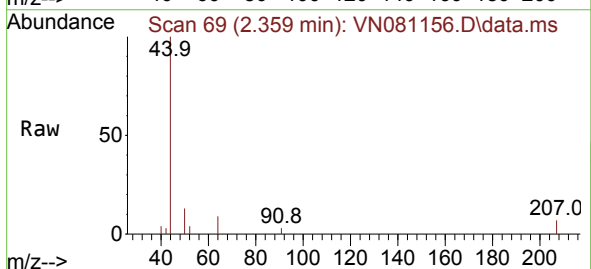
Acq: 23 Feb 2024 12:15

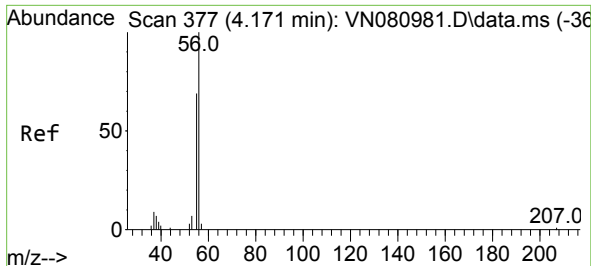
Tgt Ion: 50 Resp: 1268

Ion Ratio Lower Upper

50 100

52 29.3 25.4 38.0

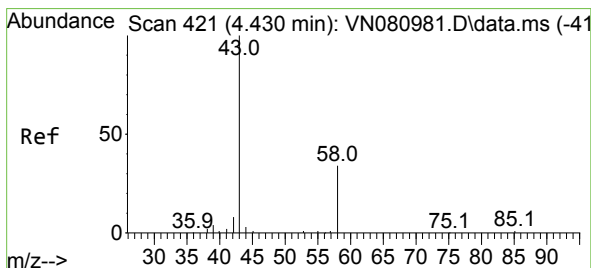
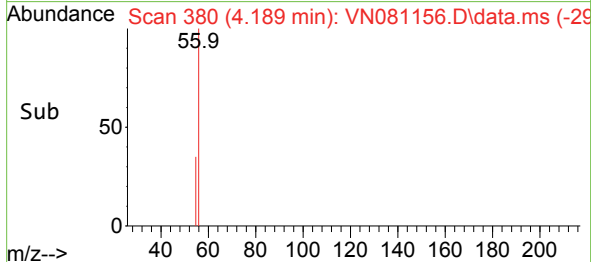
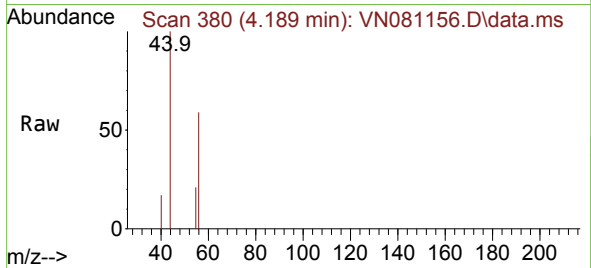




#13
Acrolein
Concen: 0.721 ug/l
RT: 4.189 min Scan# 377
Delta R.T. 0.018 min
Lab File: VN081156.D
Acq: 23 Feb 2024 12:15

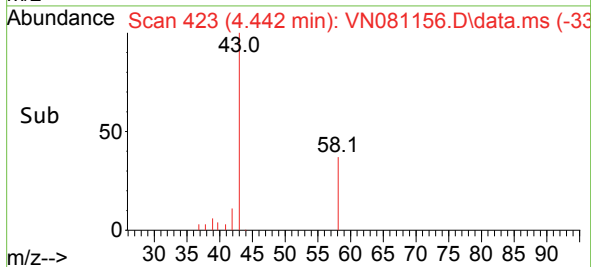
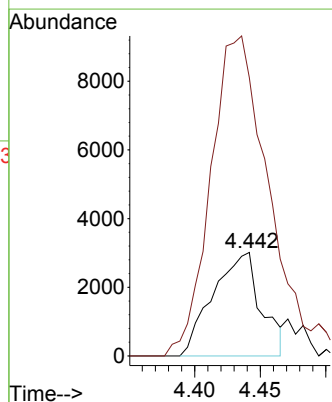
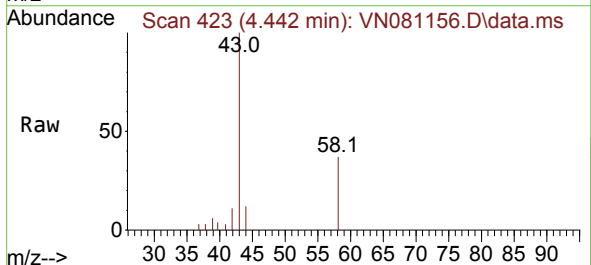
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

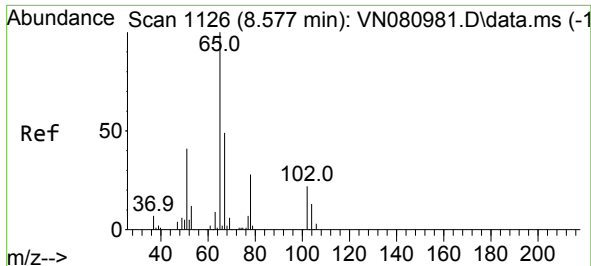
Tgt Ion: 56 Resp: 518
Ion Ratio Lower Upper
56 100
55 60.2 55.5 83.3



#15
Acetone
Concen: 20.452 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN081156.D
Acq: 23 Feb 2024 12:15

Tgt Ion: 58 Resp: 7694
Ion Ratio Lower Upper
58 100
43 254.5 223.1 334.7





#27

1,2-Dichloroethane-d4

Concen: 32.159 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081156.D

Acq: 23 Feb 2024 12:15

Instrument :

MSVOA_N

ClientSampleId :

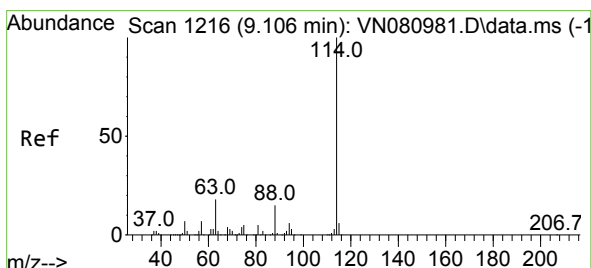
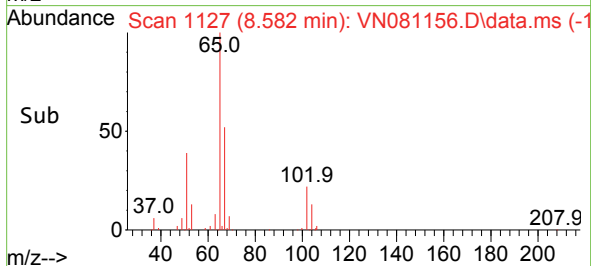
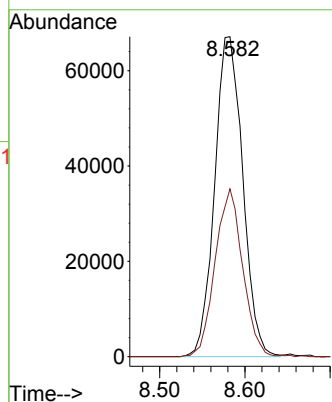
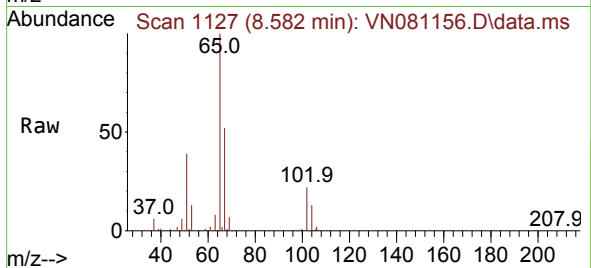
OUTFALL-DSN-001

Tgt Ion: 65 Resp: 153885

Ion Ratio Lower Upper

65 100

67 51.4 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081156.D

Acq: 23 Feb 2024 12:15

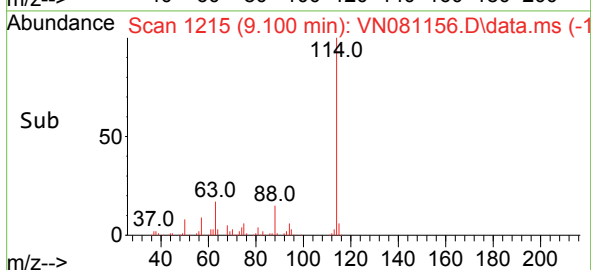
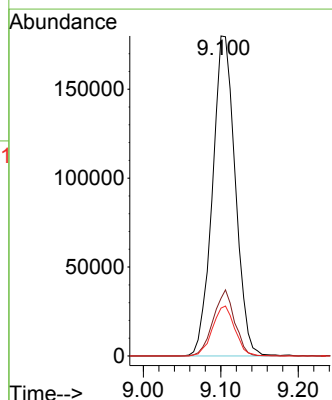
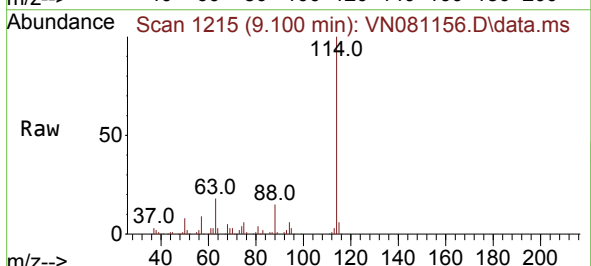
Tgt Ion: 114 Resp: 368230

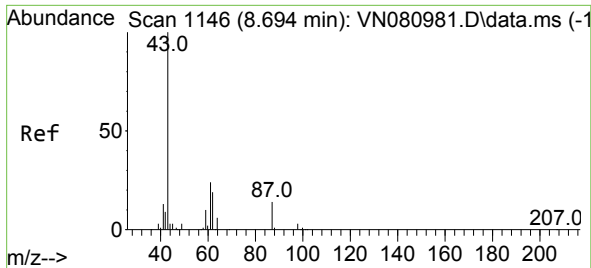
Ion Ratio Lower Upper

114 100

63 19.3 15.9 23.9

88 15.3 12.7 19.1

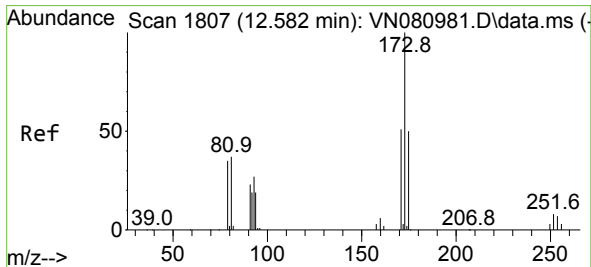
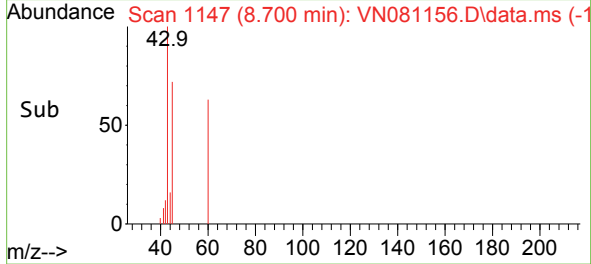
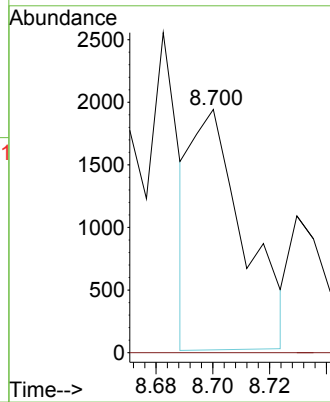
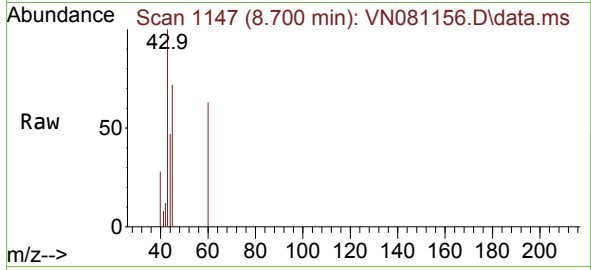




#44
Isopropyl Acetate
Concen: 0.324 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081156.D
Acq: 23 Feb 2024 12:15

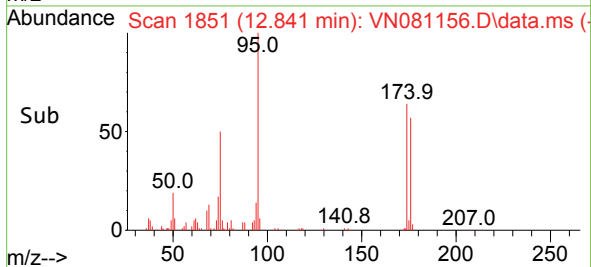
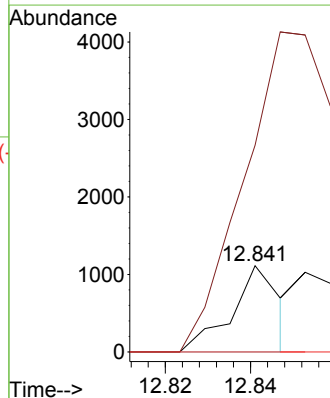
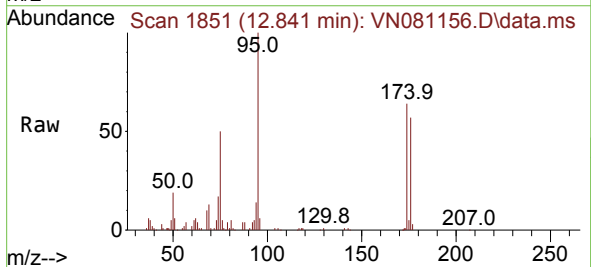
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

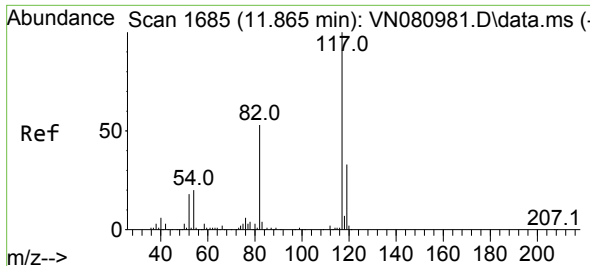
Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.4#



#56
Bromoform
Concen: 0.300 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN081156.D
Acq: 23 Feb 2024 12:15

Tgt Ion:173 Resp: 872
Ion Ratio Lower Upper
173 100
175 0.0 40.0 60.0#
254 0.0 8.3 12.5#

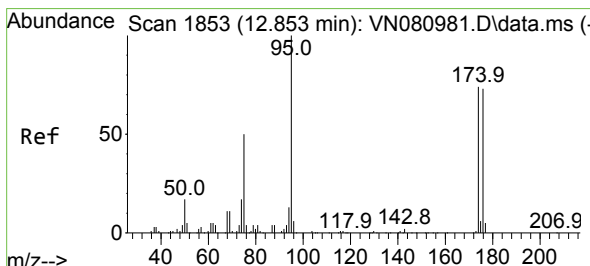
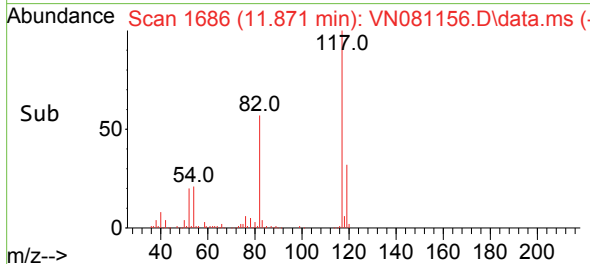
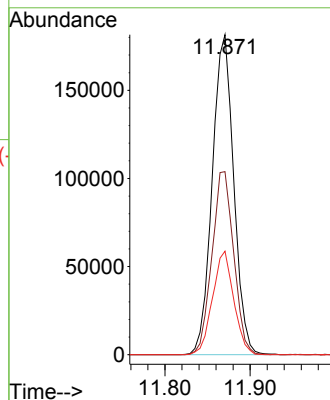
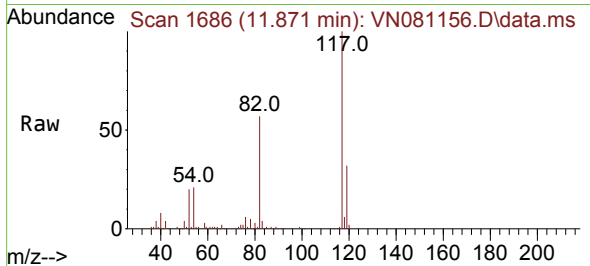




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081156.D
Acq: 23 Feb 2024 12:15

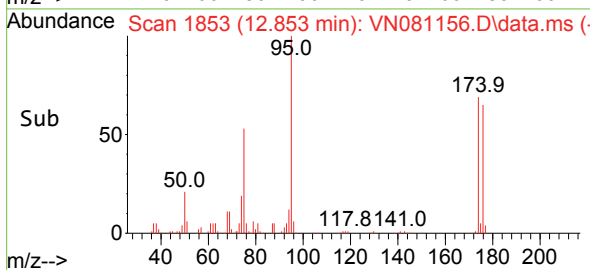
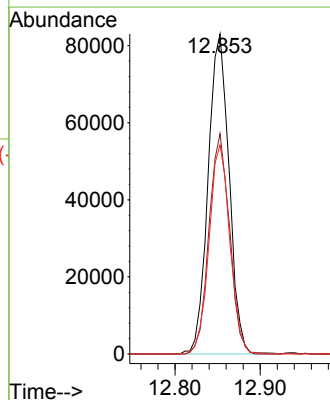
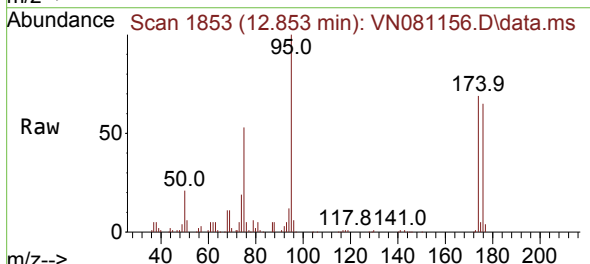
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

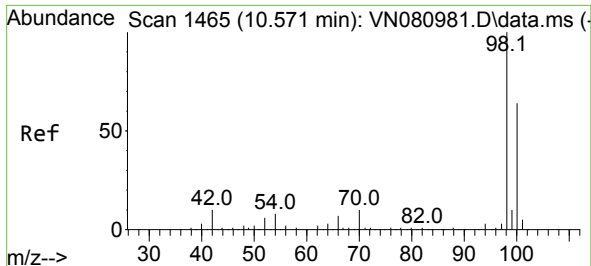
Tgt Ion:117 Resp: 318253
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 29.138 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081156.D
Acq: 23 Feb 2024 12:15

Tgt Ion: 95 Resp: 141770
Ion Ratio Lower Upper
95 100
174 67.3 60.5 90.7
176 64.6 57.8 86.6

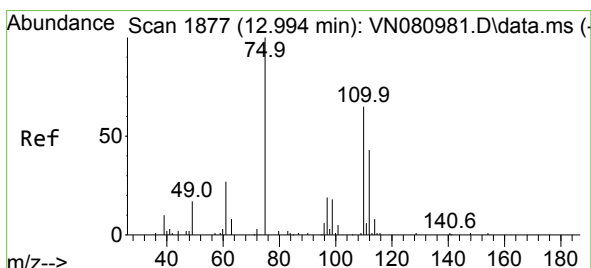
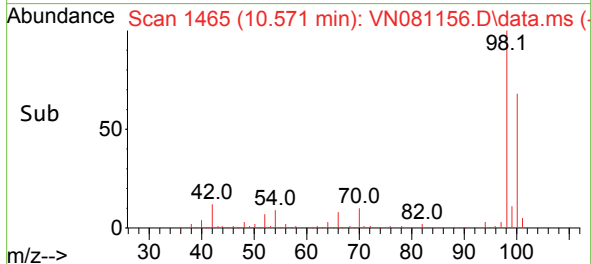
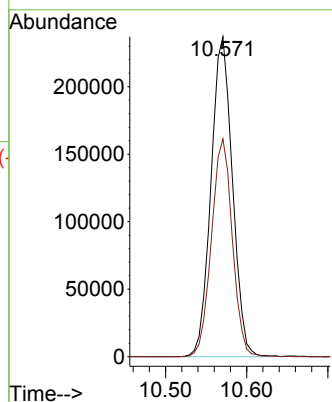
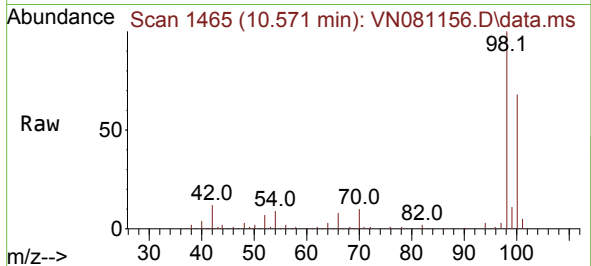




#63
Toluene-d8
Concen: 30.404 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081156.D
Acq: 23 Feb 2024 12:15

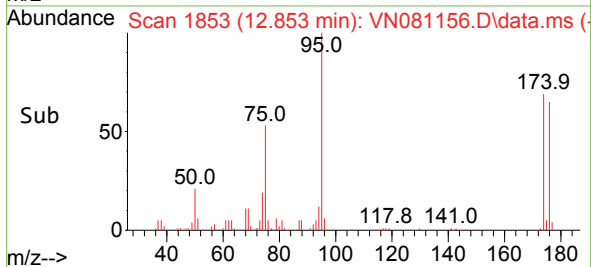
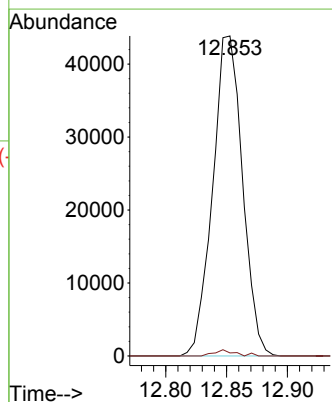
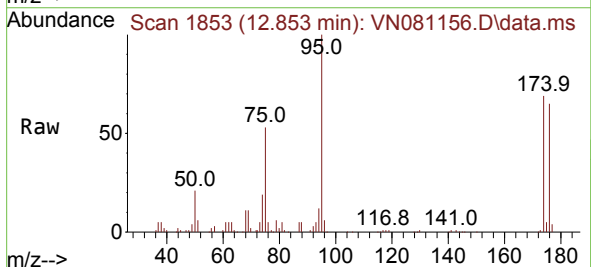
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

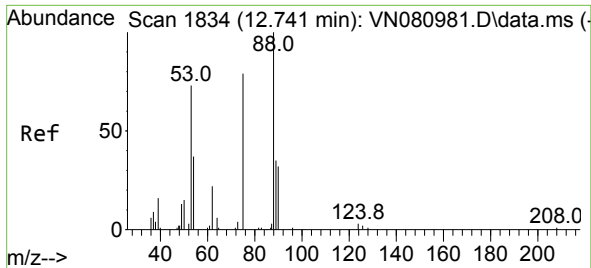
Tgt Ion: 98 Resp: 434232
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 18.030 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081156.D
Acq: 23 Feb 2024 12:15

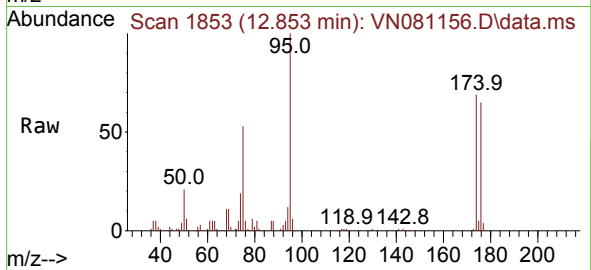
Tgt Ion: 75 Resp: 74825
Ion Ratio Lower Upper
75 100
77 1.2 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 47.646 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081156.D
 Acq: 23 Feb 2024 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001



Tgt Ion: 75 Resp: 74825
 Ion Ratio Lower Upper
 75 100
 53 0.0 45.9 137.7#
 89 0.0 25.9 77.7#

