

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085138.D
 Acq On : 06 Dec 2024 19:39
 Operator : JC\MD
 Sample : P5044-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: Dec 06 23:13:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

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

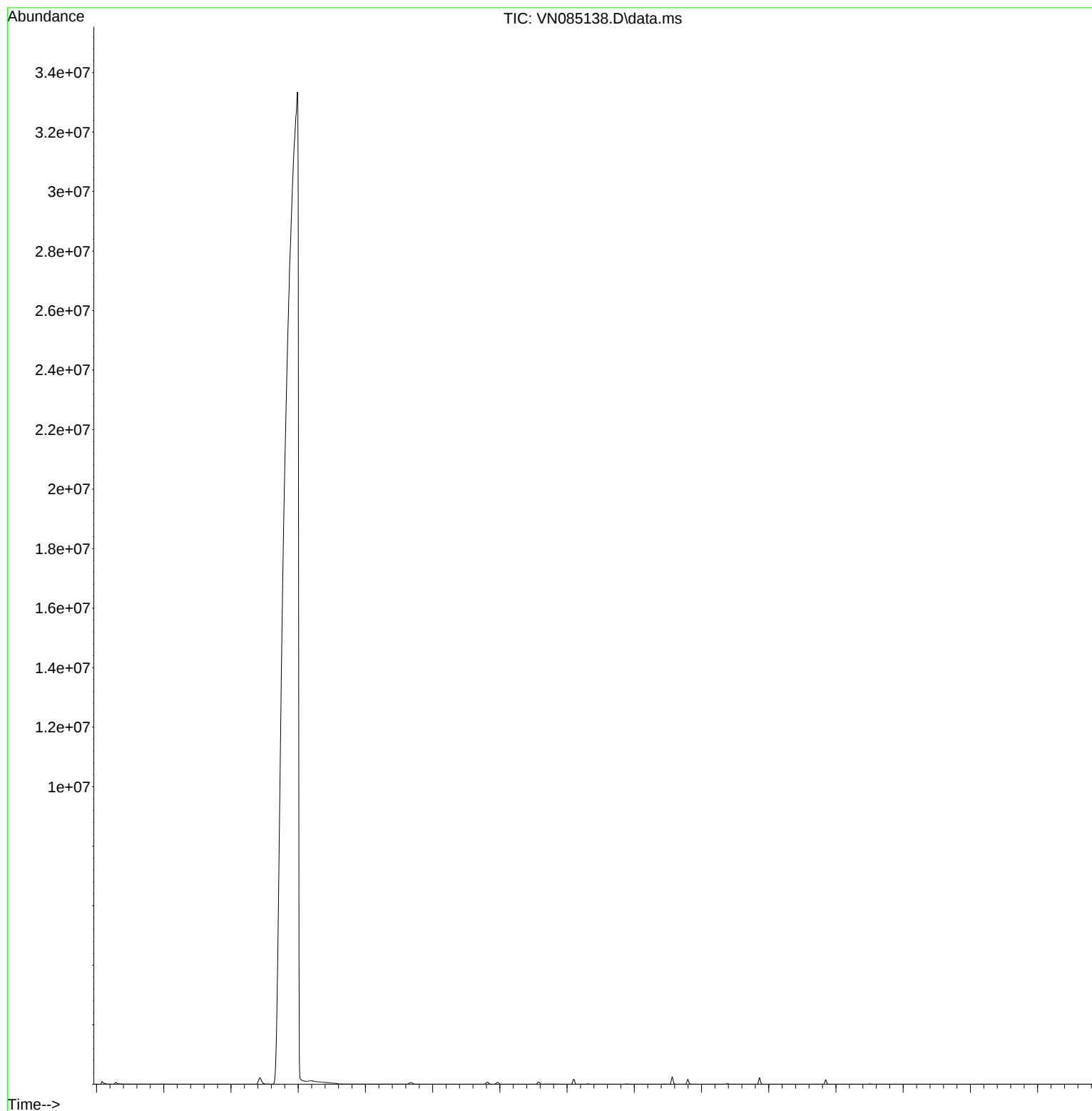
Internal Standards						
1) Bromochloromethane	7.812	128	25474	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	137106	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	125124	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	63814	31.571	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.233%
60) 4-Bromofluorobenzene	12.847	95	51396	24.825	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.767%
63) Toluene-d8	10.565	98	166151	28.308	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.367%
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	145694	707.463	ug/l	92
20) Diisopropyl ether	6.677	45	65527	13.451	ug/l	93
25) Chloroform	7.965	83	62683	19.899	ug/l	96
41) Bromodichloromethane	9.882	83	7340	2.843	ug/l	95
44) Isopropyl Acetate	8.694	43	6530	1.860	ug/l #	67
58) 4-Methyl-2-Pentanone	10.441	43	4952	2.425	ug/l #	70

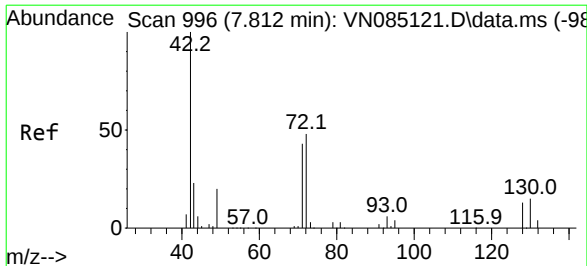
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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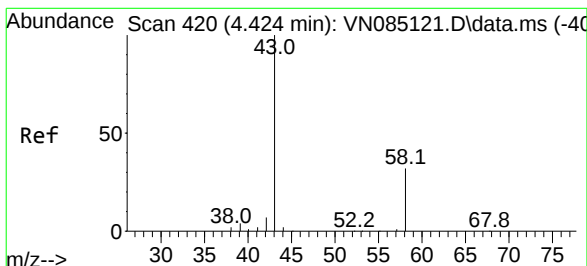
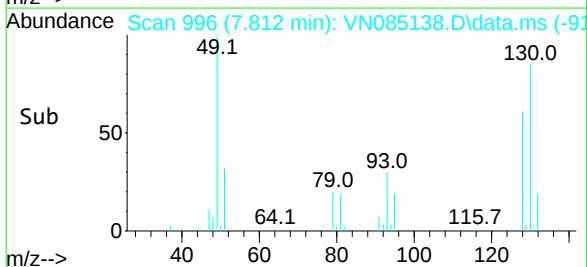
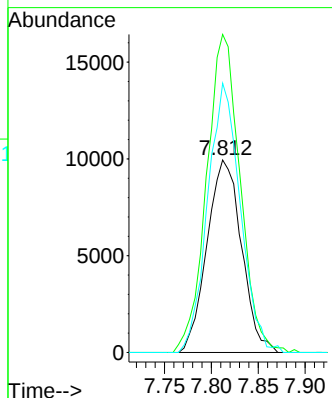
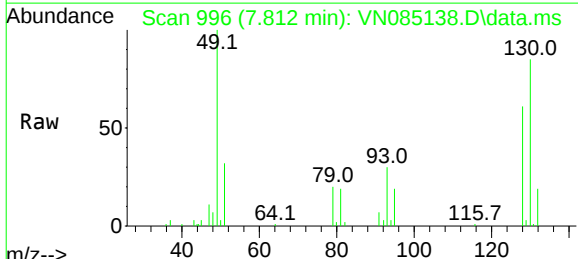




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085138.D
Acq: 06 Dec 2024 19:39

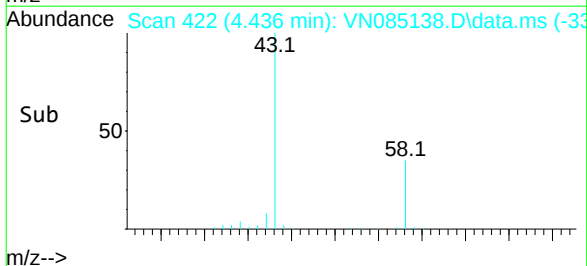
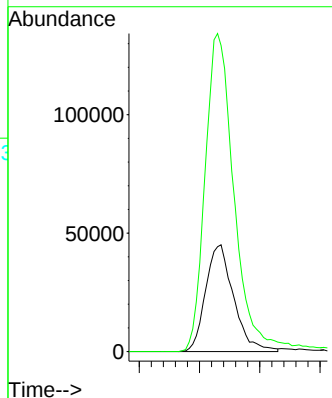
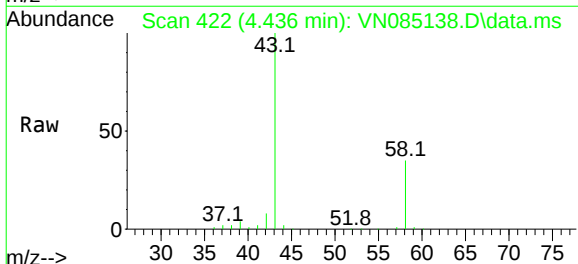
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

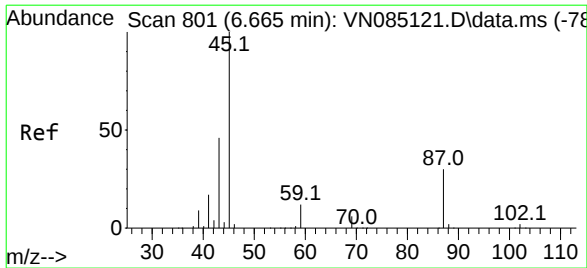
Tgt Ion:	128	Resp:	25474
Ion	Ratio	Lower	Upper
128	100		
49	159.8	0.0	394.5
130	131.9	0.0	316.5



#15
Acetone
Concen: 707.463 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085138.D
Acq: 06 Dec 2024 19:39

Tgt Ion:	58	Resp:	145694
Ion	Ratio	Lower	Upper
58	100		
43	286.5	242.3	363.5





#20

Diisopropyl ether

Concen: 13.451 ug/l

RT: 6.677 min Scan# 801

Delta R.T. 0.012 min

Lab File: VN085138.D

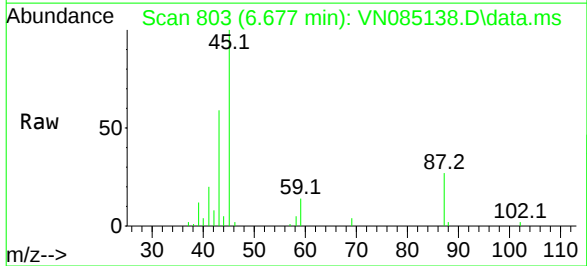
Acq: 06 Dec 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002



Tgt Ion: 45 Resp: 65527

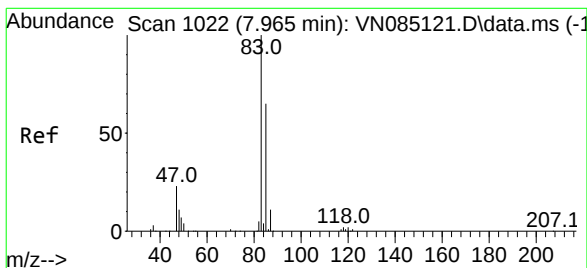
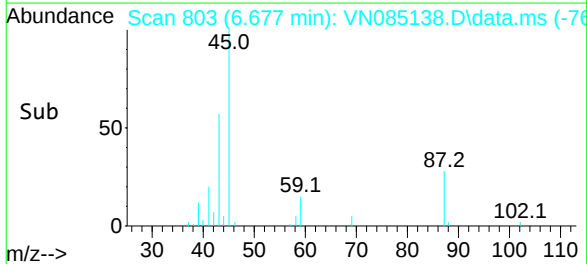
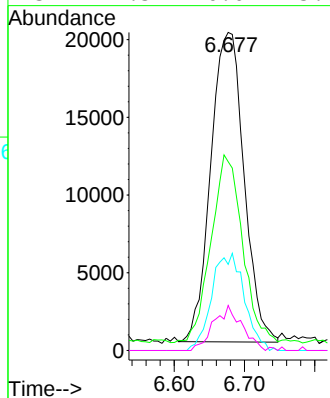
Ion Ratio Lower Upper

45 100

43 58.2 41.9 62.9

87 27.8 24.1 36.1

59 14.5 10.0 15.0



#25

Chloroform

Concen: 19.899 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085138.D

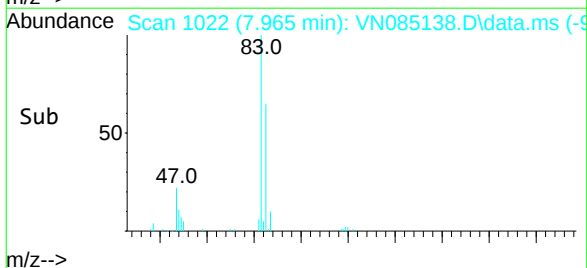
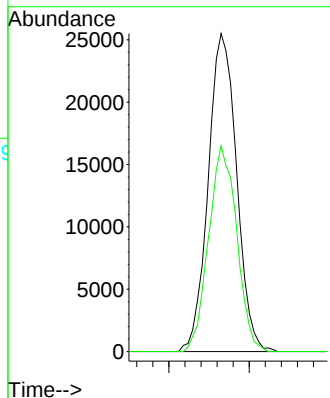
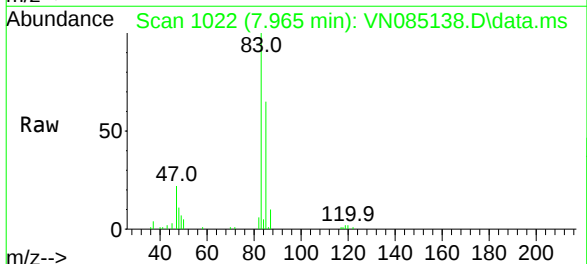
Acq: 06 Dec 2024 19:39

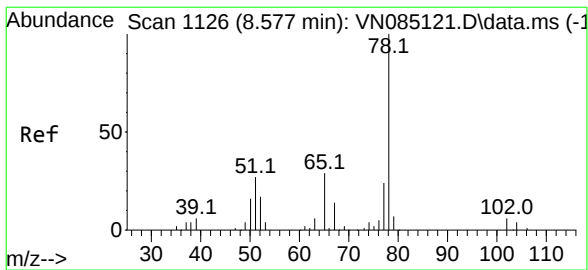
Tgt Ion: 83 Resp: 62683

Ion Ratio Lower Upper

83 100

85 64.6 49.4 74.0

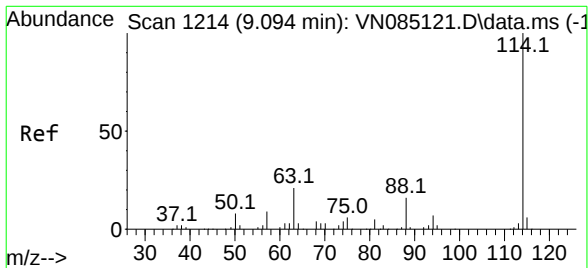
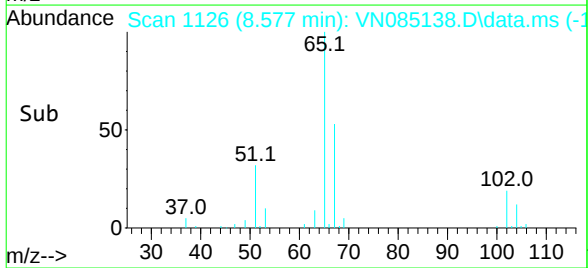
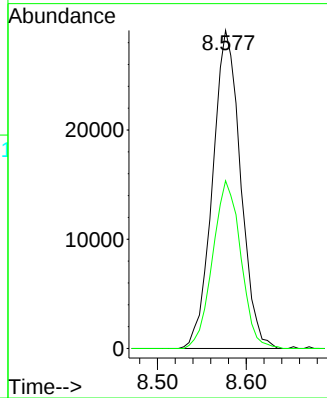
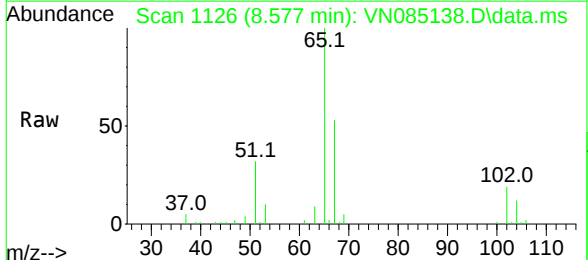




#27
1,2-Dichloroethane-d4
Concen: 31.571 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085138.D
Acq: 06 Dec 2024 19:39

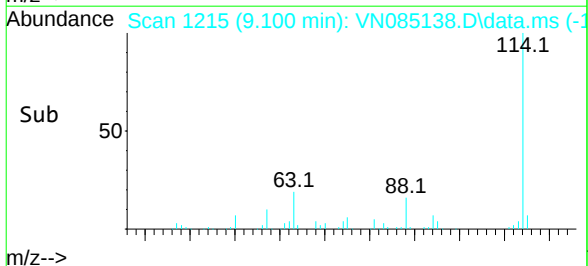
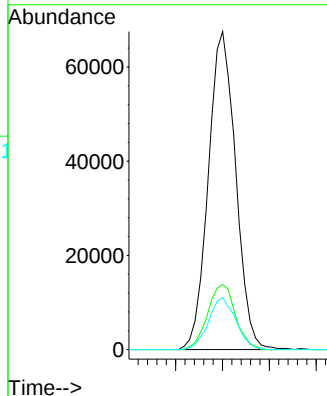
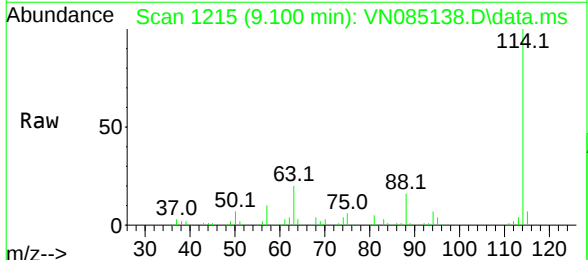
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

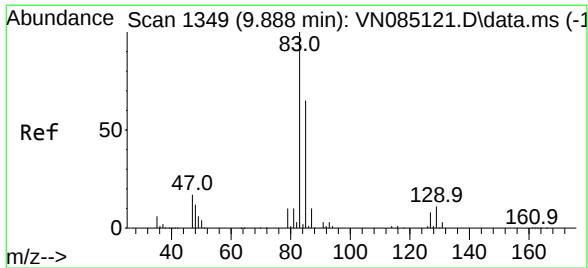
Tgt Ion: 65 Resp: 63814
Ion Ratio Lower Upper
65 100
67 53.0 39.9 59.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085138.D
Acq: 06 Dec 2024 19:39

Tgt Ion: 114 Resp: 137106
Ion Ratio Lower Upper
114 100
63 20.7 16.2 24.2
88 16.4 12.5 18.7

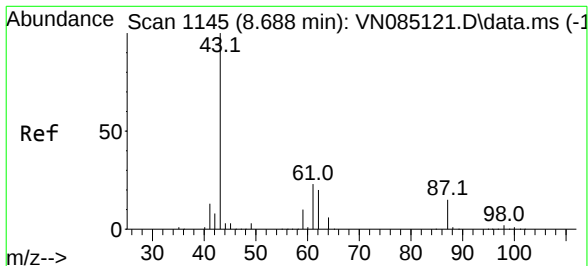
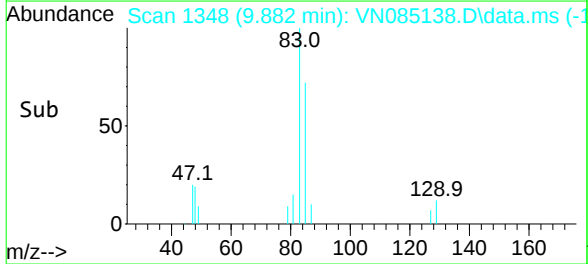
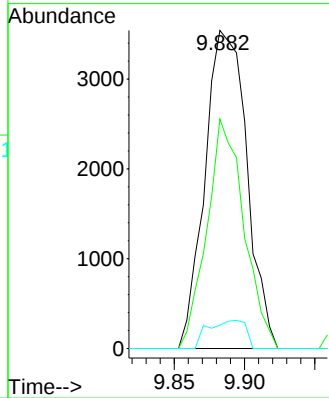
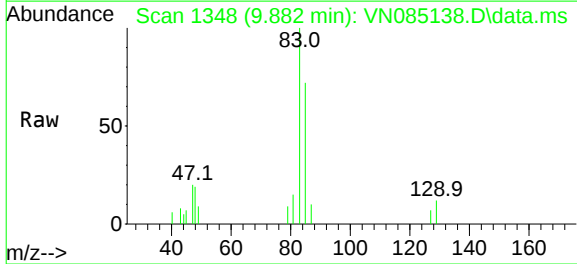




#41
Bromodichloromethane
Concen: 2.843 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN085138.D
Acq: 06 Dec 2024 19:39

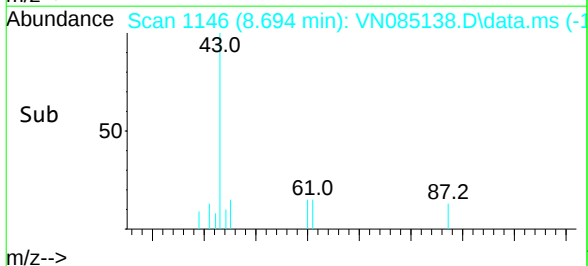
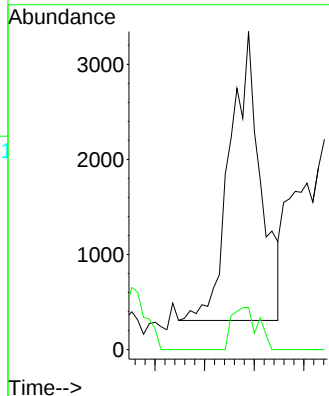
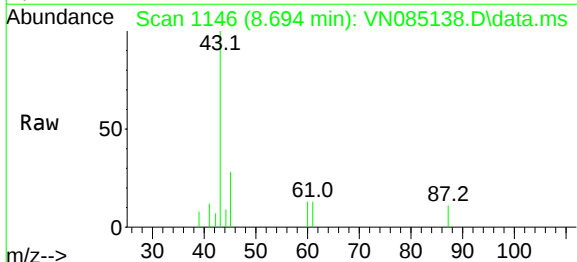
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

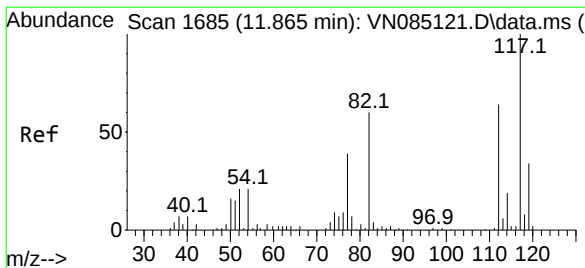
Tgt Ion:	83	Resp:	7340
Ion	Ratio	Lower	Upper
83	100		
85	72.1	54.6	81.8
127	7.3	7.0	10.6



#44
Isopropyl Acetate
Concen: 1.860 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN085138.D
Acq: 06 Dec 2024 19:39

Tgt Ion:	43	Resp:	6530
Ion	Ratio	Lower	Upper
43	100		
61	9.8	21.5	32.3

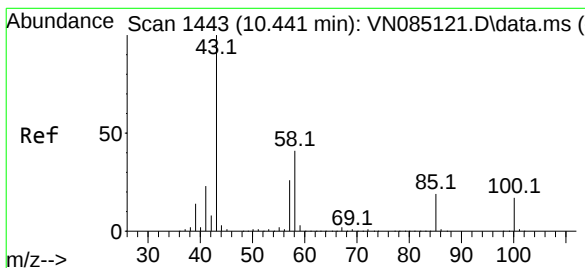
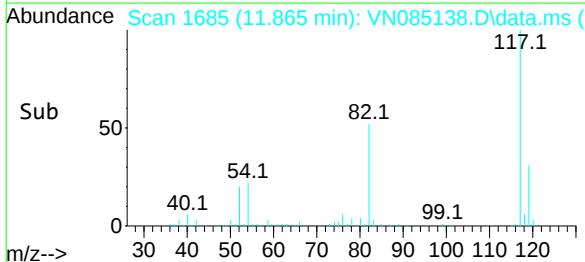
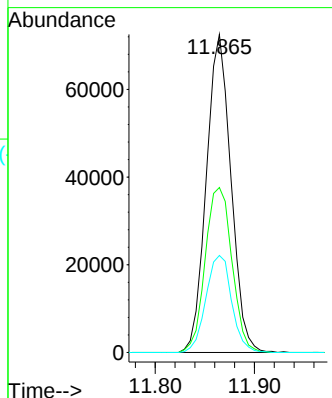
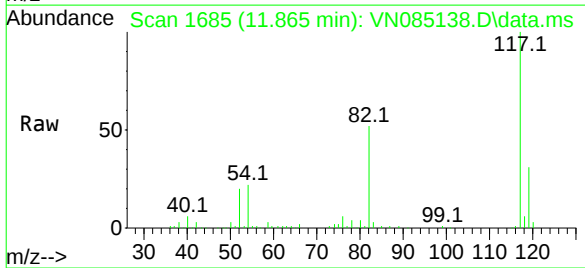




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085138.D
Acq: 06 Dec 2024 19:39

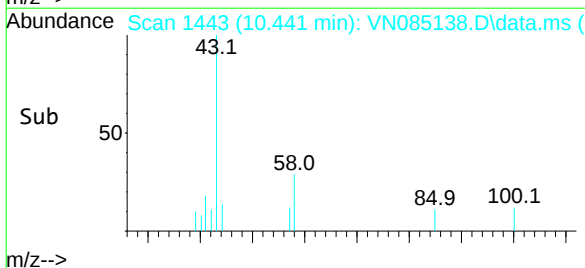
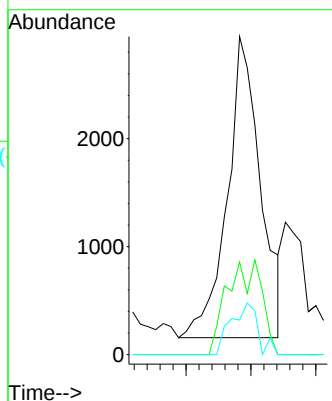
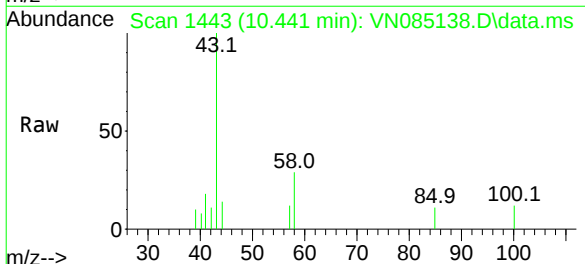
Instrument :
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OUTFALL-DSN-002

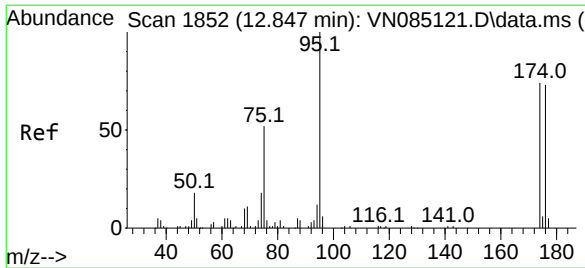
Tgt Ion: 117 Resp: 125124
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 31.9 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 2.425 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085138.D
Acq: 06 Dec 2024 19:39

Tgt Ion: 43 Resp: 4952
Ion Ratio Lower Upper
43 100
58 20.8 31.6 47.4#
85 6.3 15.0 22.6#





#60

4-Bromofluorobenzene

Concen: 24.825 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085138.D

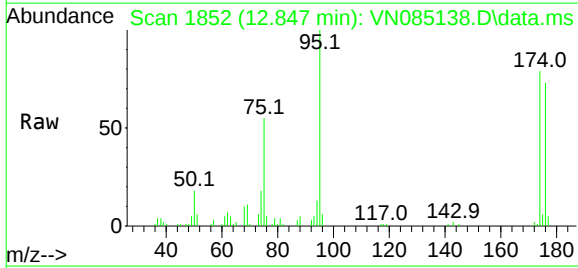
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Instrument :

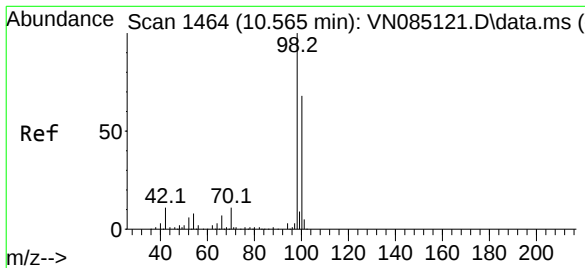
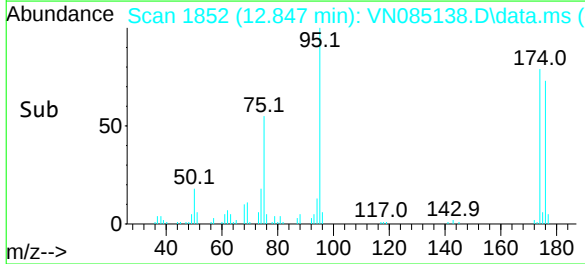
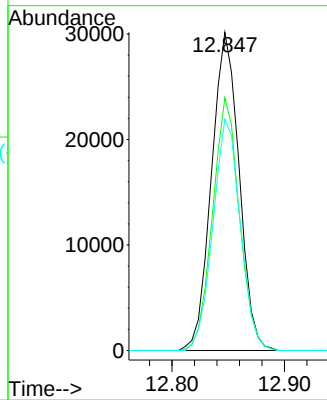
MSVOA_N

ClientSampleId :

OUTFALL-DSN-002



Tgt Ion:	95	Resp:	51396
Ion Ratio	Lower	Upper	
95	100		
174	77.1	60.3	90.5
176	72.4	57.4	86.0



#63

Toluene-d8

Concen: 28.308 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085138.D

Acq: 06 Dec 2024 19:39

Tgt Ion:	98	Resp:	166151
Ion Ratio	Lower	Upper	
98	100		
100	64.2	52.0	78.0

