

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083700.D
 Acq On : 06 Sep 2024 16:48
 Operator : JC\MD
 Sample : P3790-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Quant Time: Sep 06 23:49:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

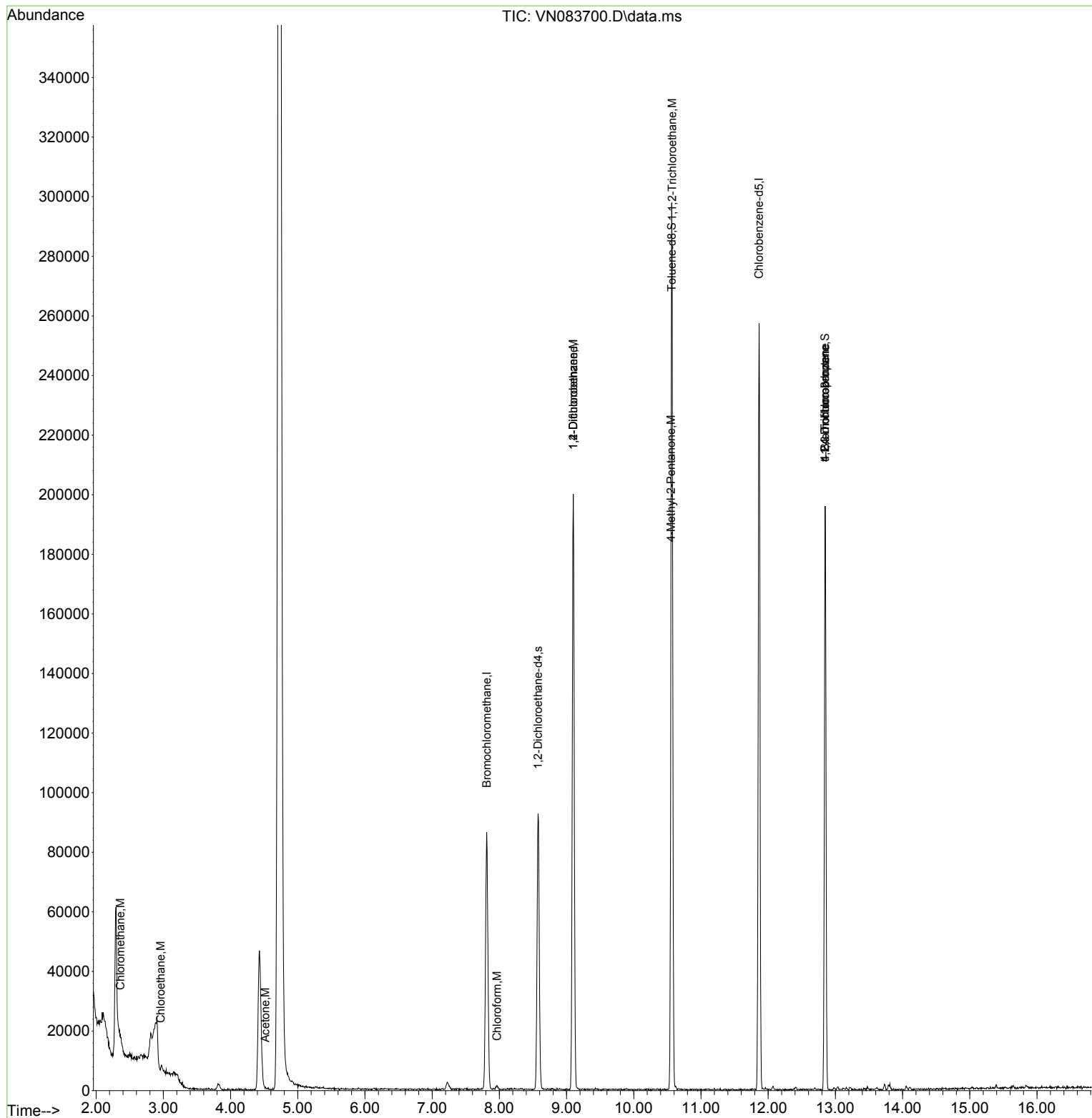
Internal Standards						
1) Bromochloromethane	7.812	128	28971	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	166396	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143073	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	81208	30.666	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.233%
60) 4-Bromofluorobenzene	12.847	95	67870	27.524	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.733%
63) Toluene-d8	10.565	98	198182	29.915	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.733%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	712	0.353	ug/l #	43
6) Chloroethane	2.959	64	523	0.377	ug/l	91
15) Acetone	4.518	58	115	0.394	ug/l	100
25) Chloroform	7.965	83	1243	0.322	ug/l #	80
36) 1,2-Dichloroethane	9.100	62	7009	2.354	ug/l #	72
50) 1,1,2-Trichloroethane	10.570	97	6027	3.399	ug/l #	1
58) 4-Methyl-2-Pentanone	10.553	43	463	0.204	ug/l #	38
72) 1,2,3-Trichloropropane	12.847	75	38952	18.510	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	38952	43.793	ug/l #	12

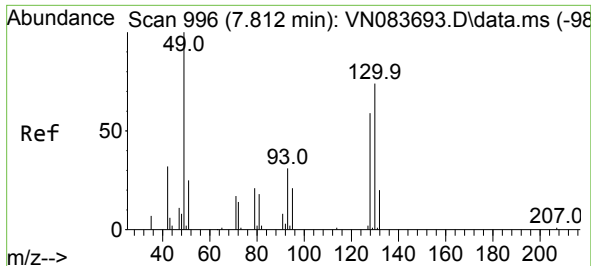
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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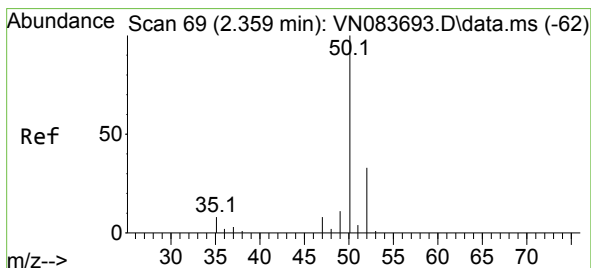
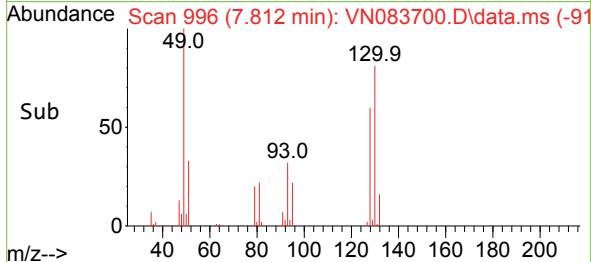
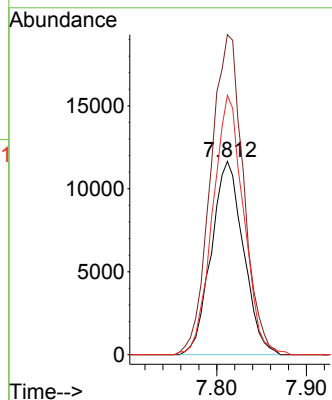
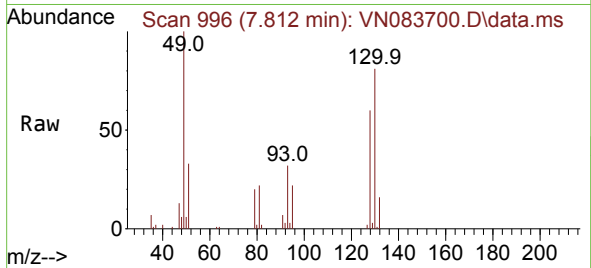




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

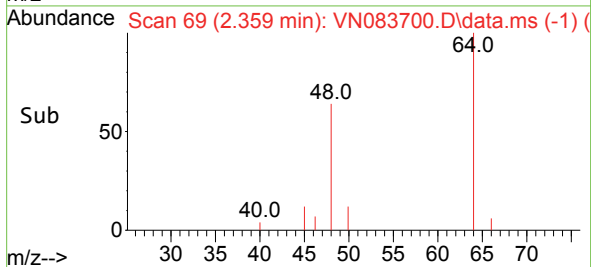
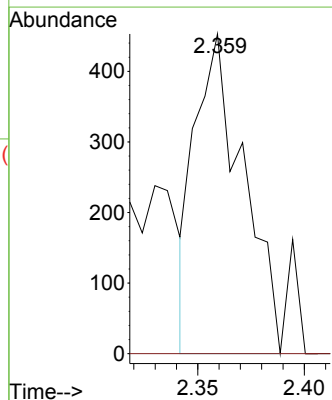
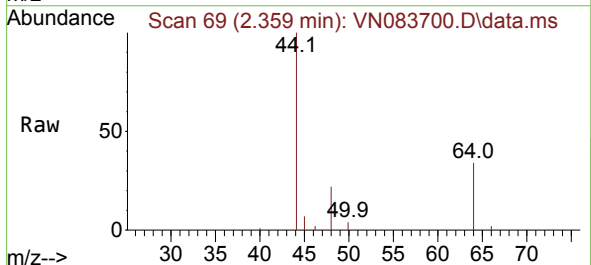
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

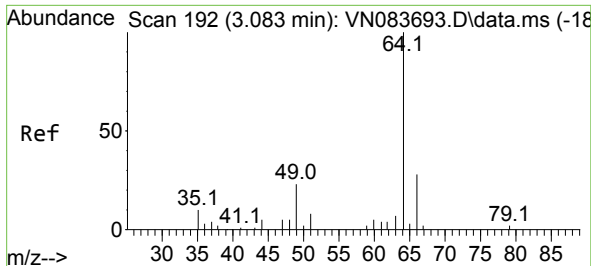
Tgt Ion:128 Resp: 28971
Ion Ratio Lower Upper
128 100
49 169.0 0.0 403.7
130 129.4 0.0 323.3



#3
Chloromethane
Concen: 0.353 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

Tgt Ion: 50 Resp: 712
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

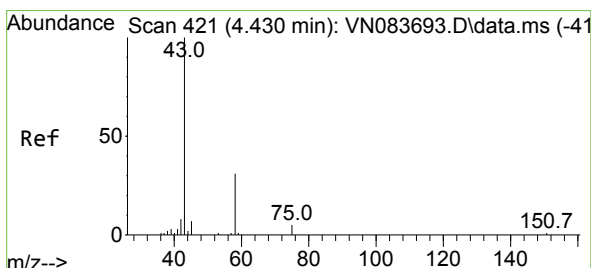
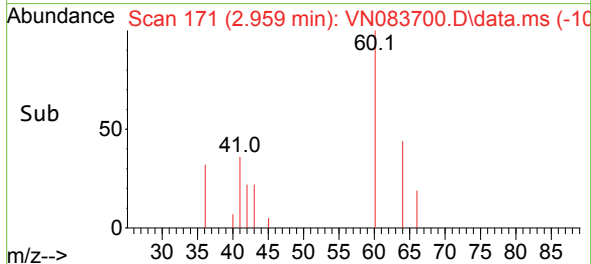
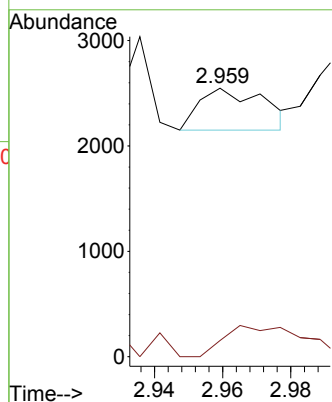
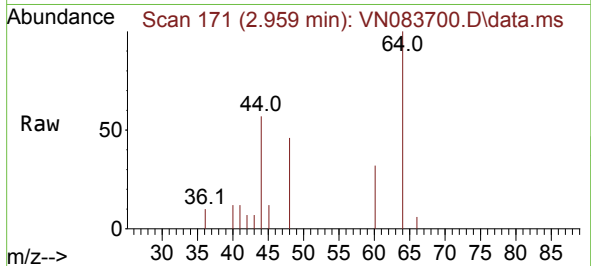




#6
Chloroethane
Concen: 0.377 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.124 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

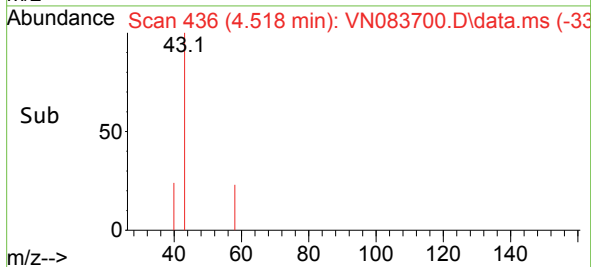
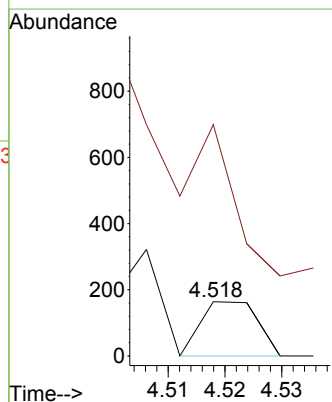
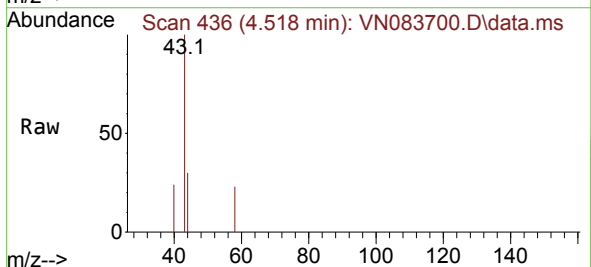
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

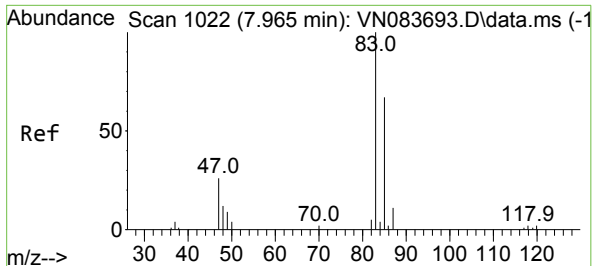
Tgt Ion: 64 Resp: 523
Ion Ratio Lower Upper
64 100
66 38.4 26.7 40.1



#15
Acetone
Concen: 0.394 ug/l
RT: 4.518 min Scan# 436
Delta R.T. 0.088 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

Tgt Ion: 58 Resp: 115
Ion Ratio Lower Upper
58 100
43 278.7 223.1 334.7





#25

Chloroform

Concen: 0.322 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN083700.D

Acq: 06 Sep 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

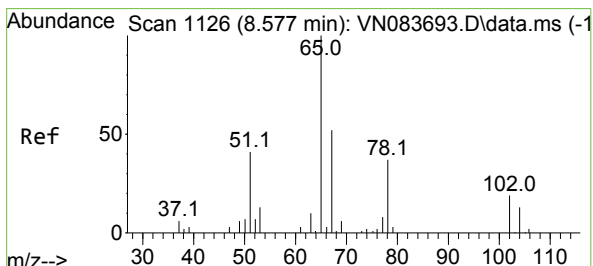
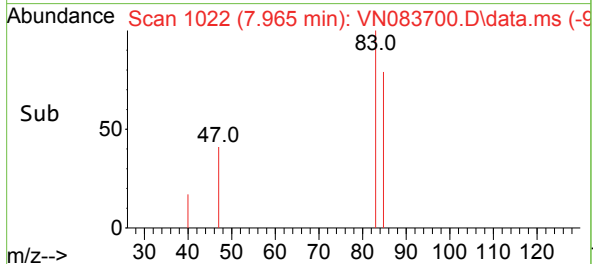
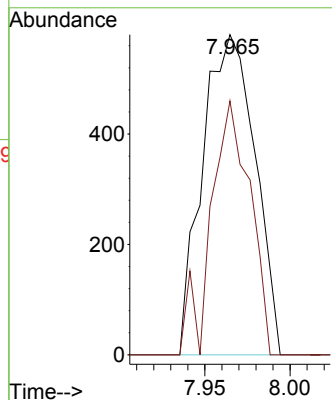
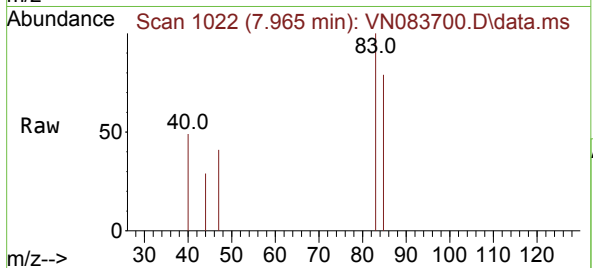
OUTFALL-DSN-001

Tgt Ion: 83 Resp: 1243

Ion Ratio Lower Upper

83 100

85 79.3 50.9 76.3#



#27

1,2-Dichloroethane-d4

Concen: 30.666 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083700.D

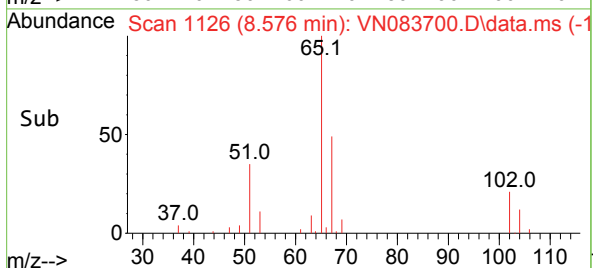
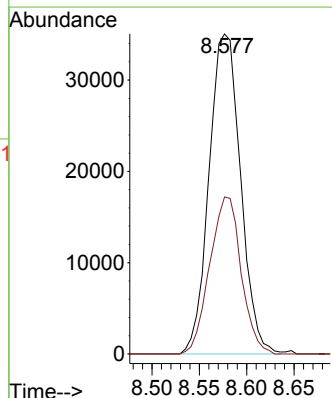
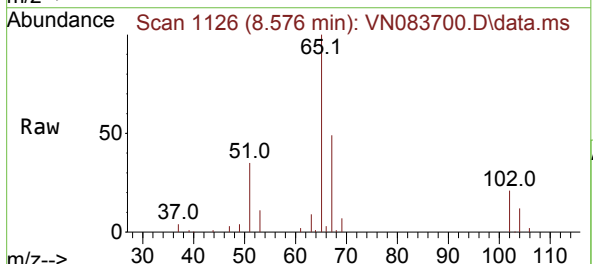
Acq: 06 Sep 2024 16:48

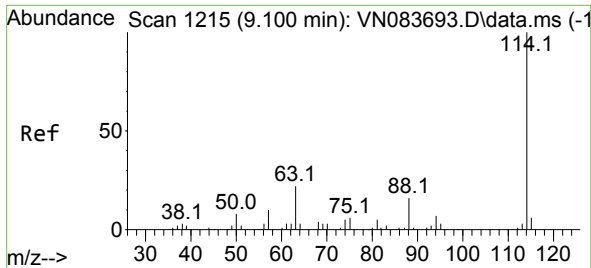
Tgt Ion: 65 Resp: 81208

Ion Ratio Lower Upper

65 100

67 48.8 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083700.D

Acq: 06 Sep 2024 16:48

Instrument :

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ClientSampleId :

OUTFALL-DSN-001

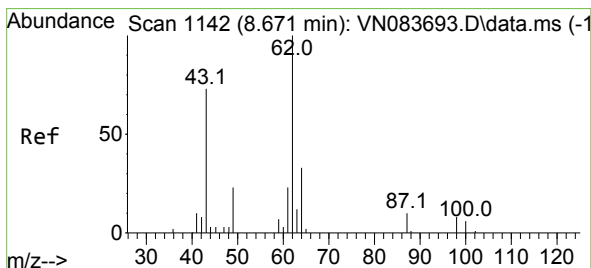
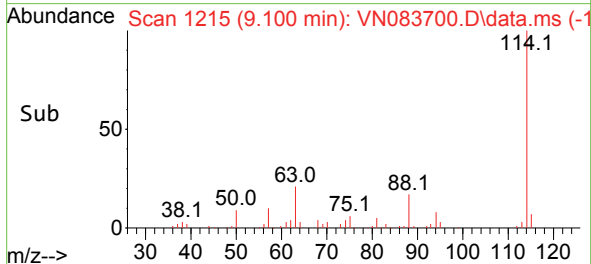
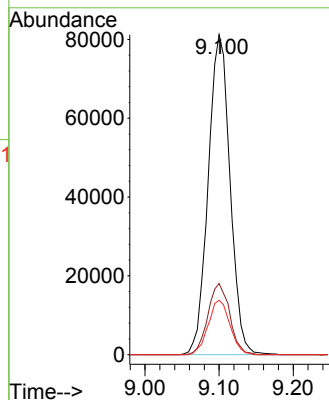
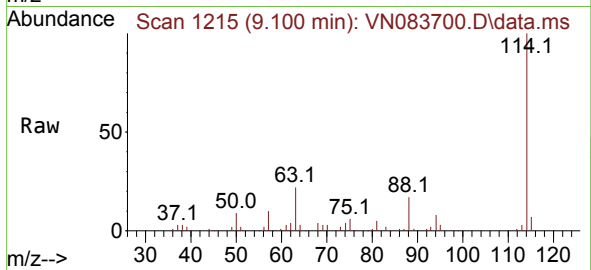
Tgt Ion:114 Resp: 166396

Ion Ratio Lower Upper

114 100

63 22.2 15.9 23.9

88 16.9 12.7 19.1



#36

1,2-Dichloroethane

Concen: 2.354 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.429 min

Lab File: VN083700.D

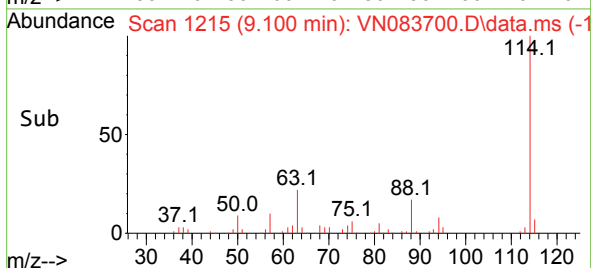
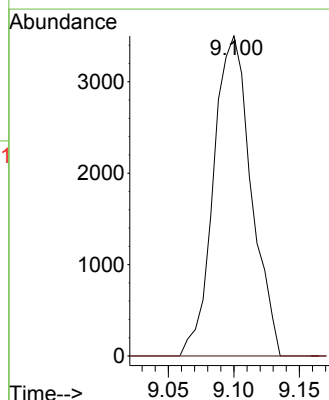
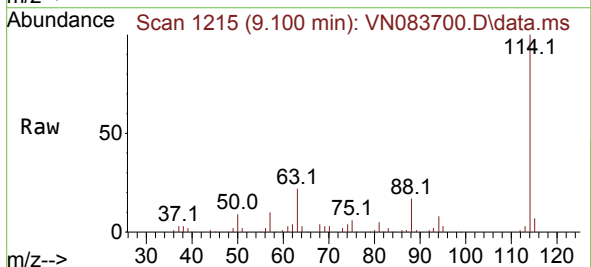
Acq: 06 Sep 2024 16:48

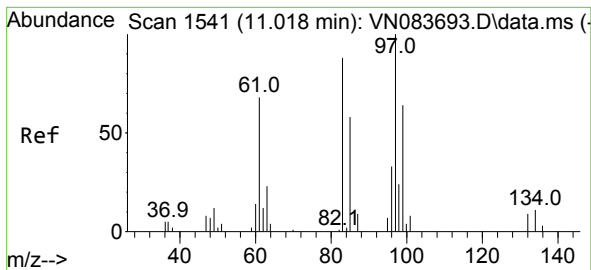
Tgt Ion: 62 Resp: 7009

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

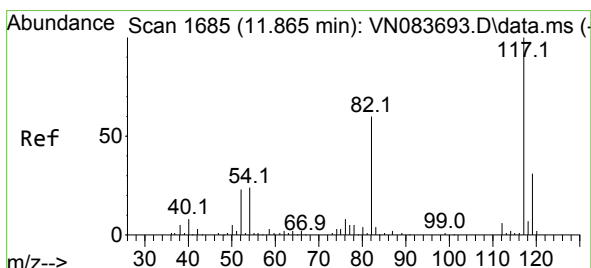
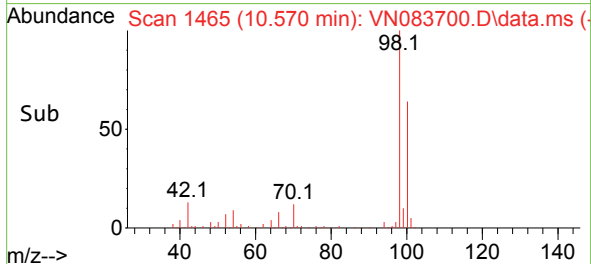
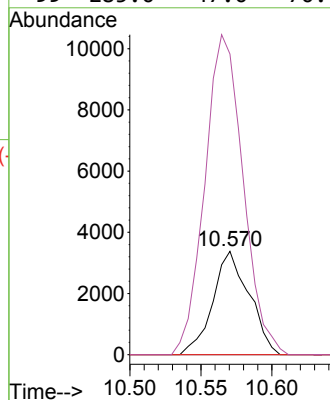
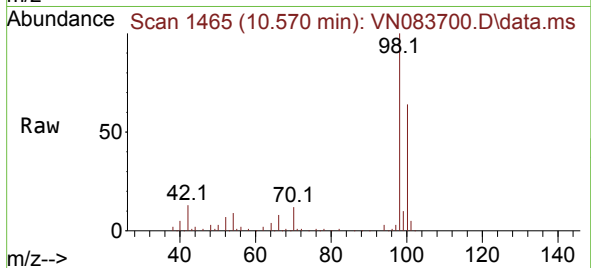




#50
1,1,2-Trichloroethane
Concen: 3.399 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

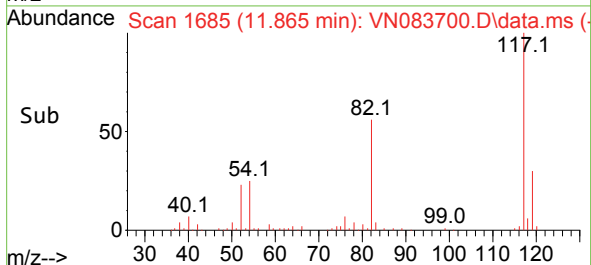
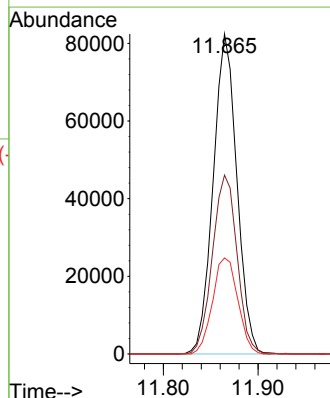
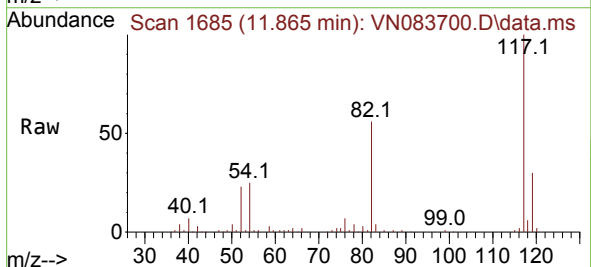
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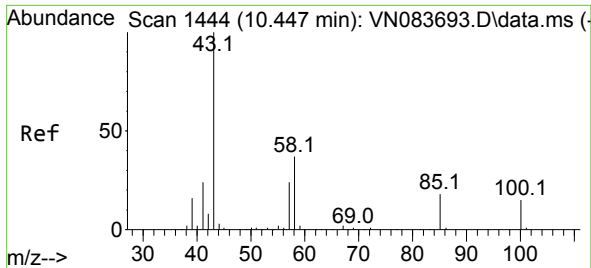
Tgt Ion: 97	Resp: 6027
Ion Ratio	Lower Upper
97 100	
83 0.0	68.1 102.1#
85 0.0	41.8 62.6#
99 285.0	47.0 70.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

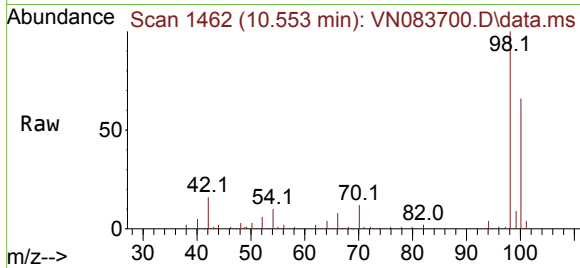
Tgt Ion: 117	Resp: 143073
Ion Ratio	Lower Upper
117 100	
82 58.1	46.6 69.8
119 32.1	25.4 38.2



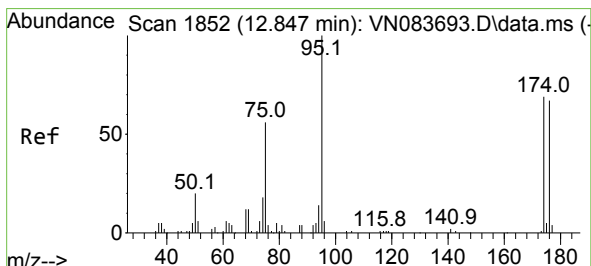
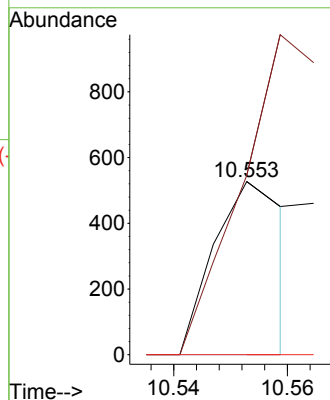
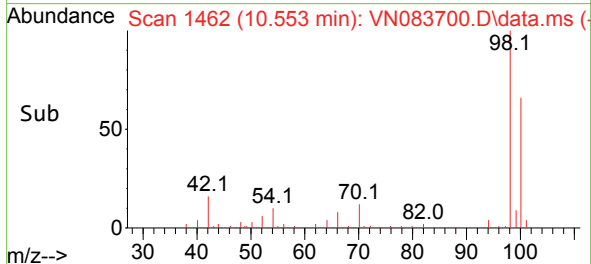


#58
4-Methyl-2-Pentanone
Concen: 0.204 ug/l
RT: 10.553 min Scan# 1444
Delta R.T. 0.106 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

Instrument :
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ClientSampleId :
OUTFALL-DSN-001

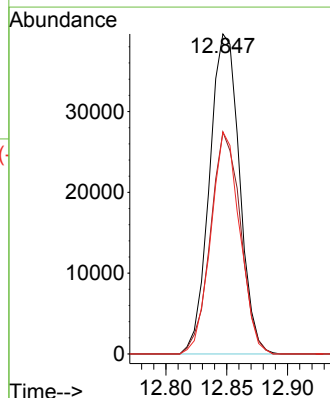
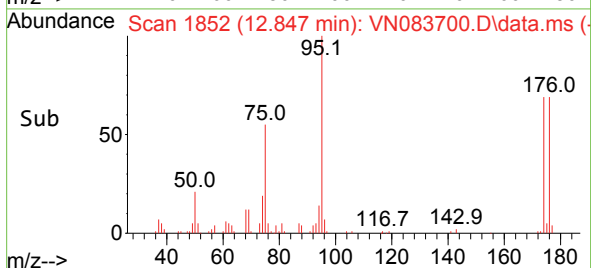
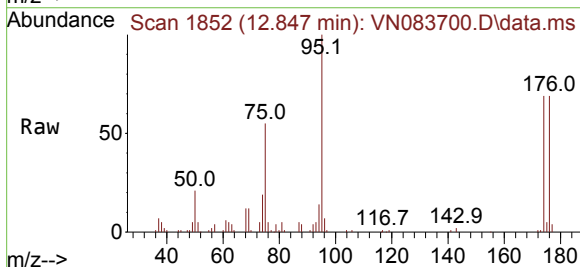


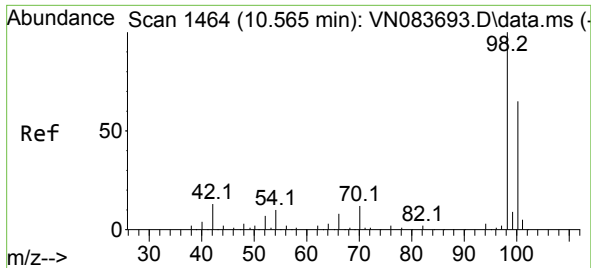
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
58 0.0 36.5 54.7#
85 0.0 19.5 29.3#



#60
4-Bromofluorobenzene
Concen: 27.524 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

Tgt Ion: 95 Resp: 67870
Ion Ratio Lower Upper
95 100
174 69.7 60.5 90.7
176 67.3 57.8 86.6

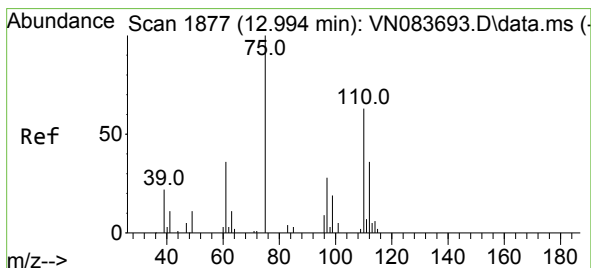
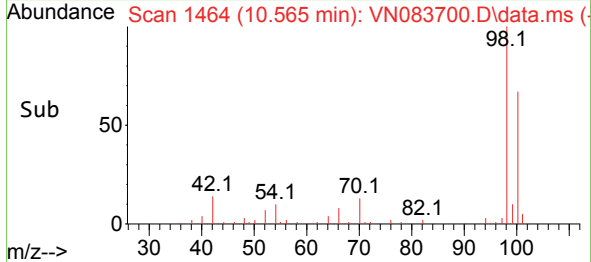
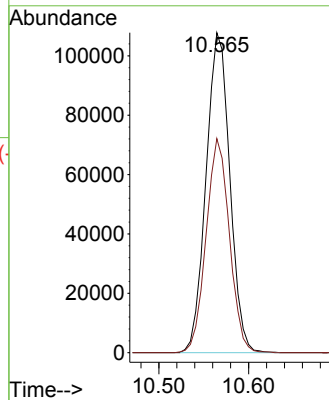
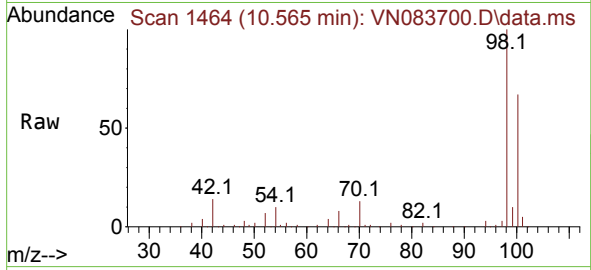




#63
Toluene-d8
Concen: 29.915 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

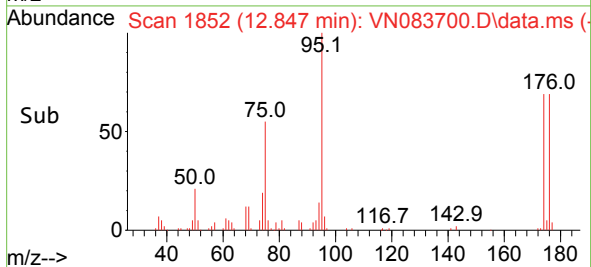
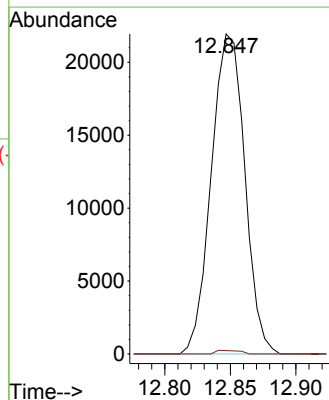
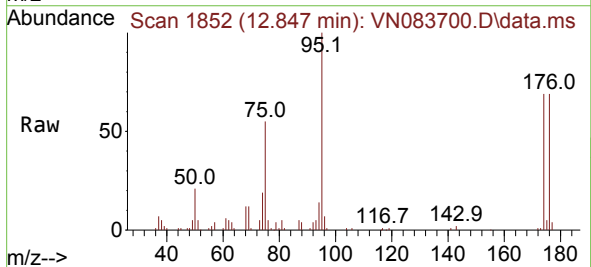
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

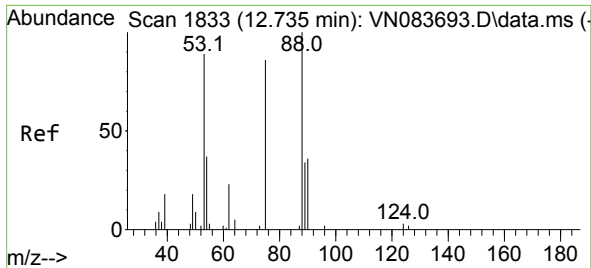
Tgt Ion: 98 Resp: 198182
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 18.510 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083700.D
Acq: 06 Sep 2024 16:48

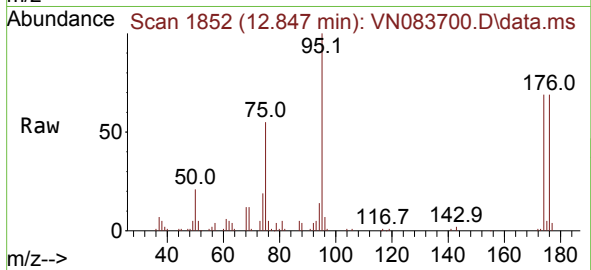
Tgt Ion: 75 Resp: 38952
Ion Ratio Lower Upper
75 100
77 0.8 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 43.793 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083700.D
 Acq: 06 Sep 2024 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001



Tgt Ion: 75 Resp: 38952
 Ion Ratio Lower Upper
 75 100
 53 0.0 45.9 137.7#
 89 0.0 25.9 77.7#

