

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085139.D
 Acq On : 06 Dec 2024 20:03
 Operator : JC\MD
 Sample : P5192-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE WATER

Quant Time: Dec 06 23:14:06 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)

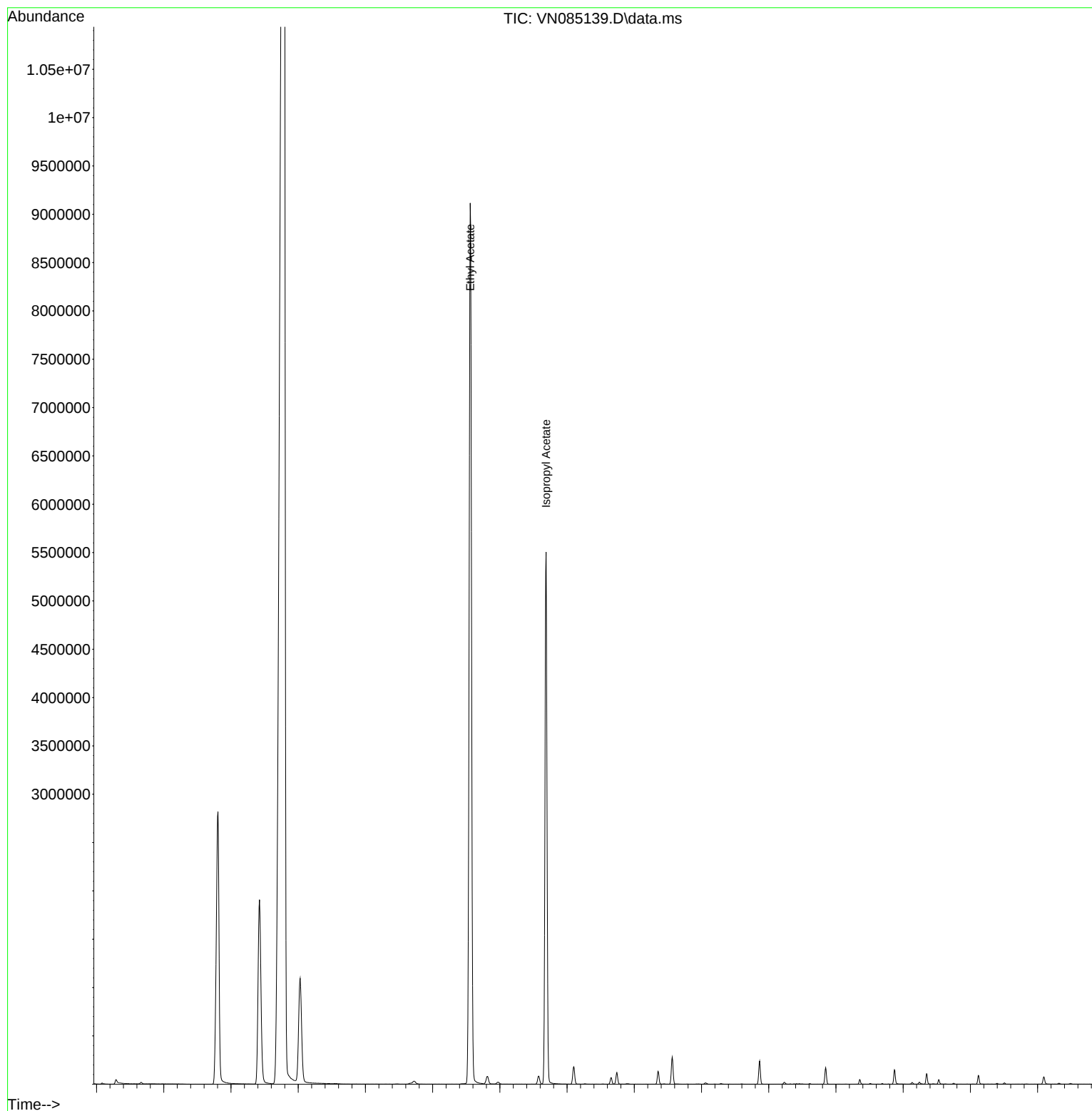
Internal Standards						
1) Bromochloromethane	7.812	128	27788	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	156041	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	135206	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	70436	31.945	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.500%
60) 4-Bromofluorobenzene	12.847	95	59647	26.662	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.867%
63) Toluene-d8	10.565	98	192865	30.409	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.367%
Target Compounds						
					Qvalue	
12) Methyl Acetate	5.030	43	2142692	1073.252	ug/l	99
15) Acetone	4.424	58	1160124	5164.239	ug/l	95
20) Diisopropyl ether	6.671	45	12101	2.277	ug/l	98
25) Chloroform	7.959	83	10088	2.936	ug/l	96
43) Ethyl Acetate	7.559	43	13495642	5870.060	ug/l	95
44) Isopropyl Acetate	8.688	43	6196413	1550.908	ug/l #	88

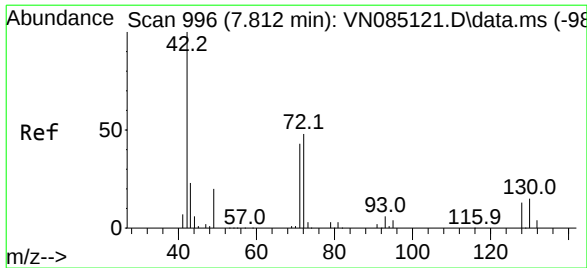
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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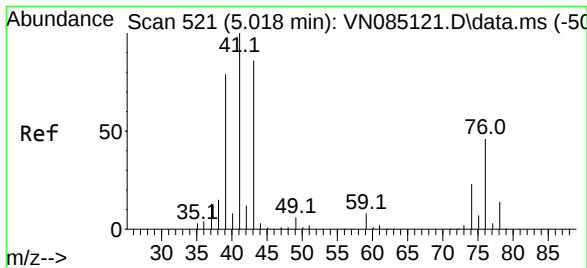
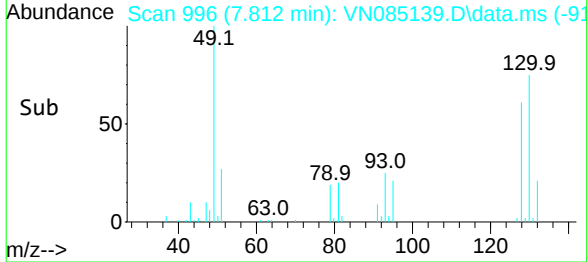
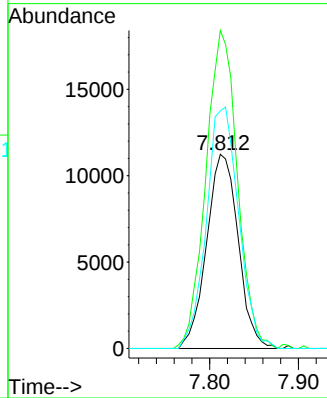
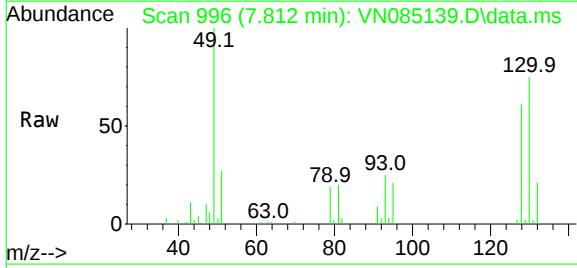




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

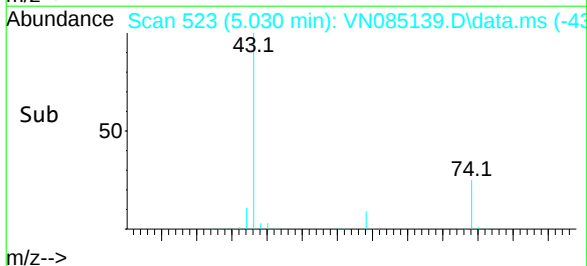
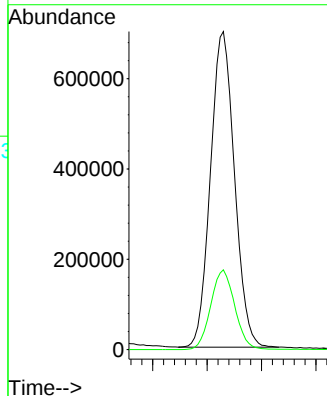
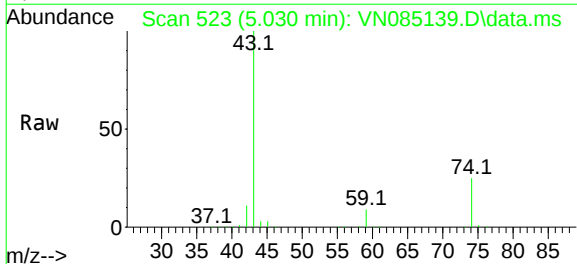
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE WATER

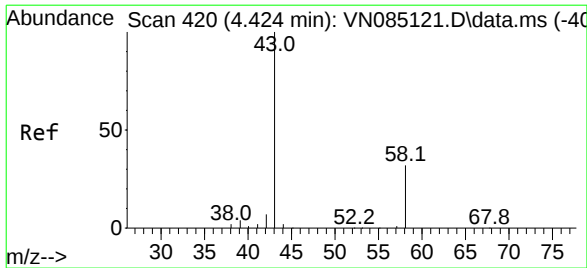
Tgt Ion	Ratio	Lower	Upper
128	100		
49	163.5	0.0	394.5
130	127.4	0.0	316.5



#12
Methyl Acetate
Concen: 1073.252 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.8	29.6

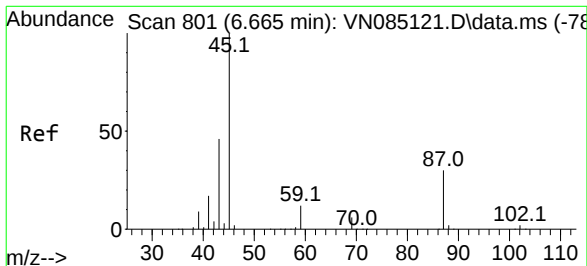
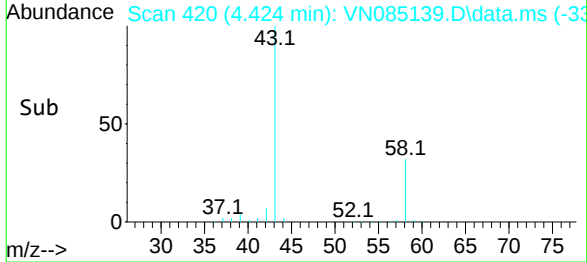
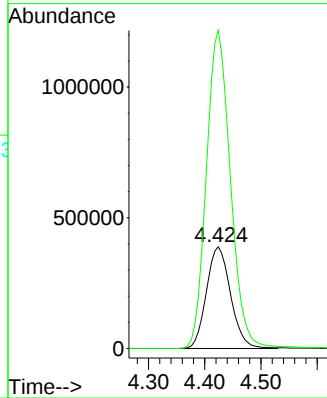
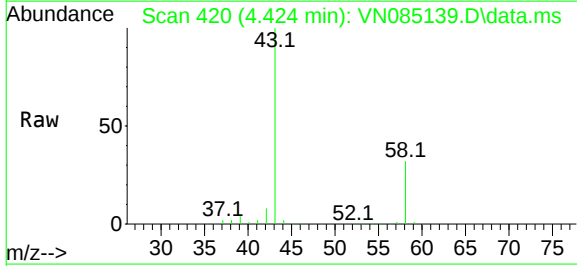




#15
Acetone
Concen: 5164.239 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

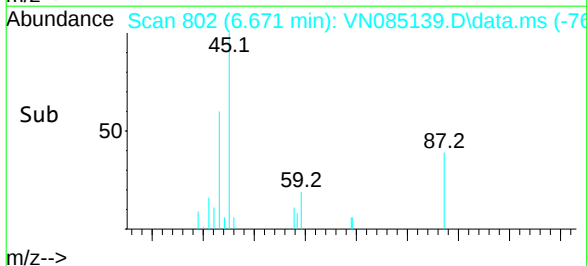
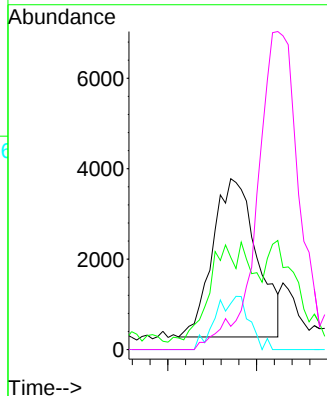
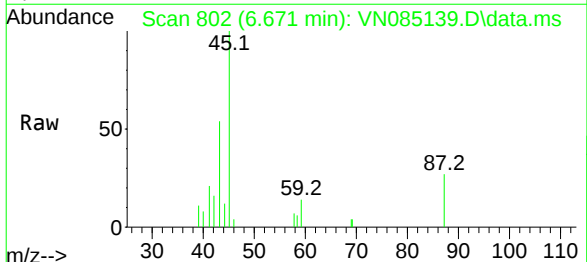
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE WATER

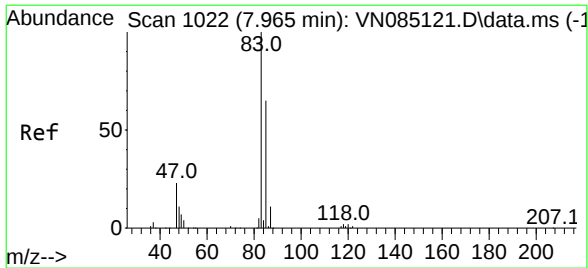
Tgt Ion: 58 Resp: 1160124
Ion Ratio Lower Upper
58 100
43 312.9 242.3 363.5



#20
Diisopropyl ether
Concen: 2.277 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

Tgt Ion: 45 Resp: 12101
Ion Ratio Lower Upper
45 100
43 51.0 41.9 62.9
87 29.1 24.1 36.1
59 14.7 10.0 15.0

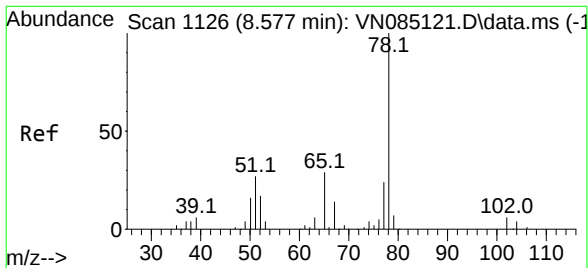
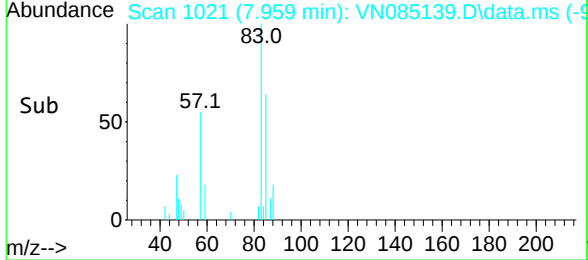
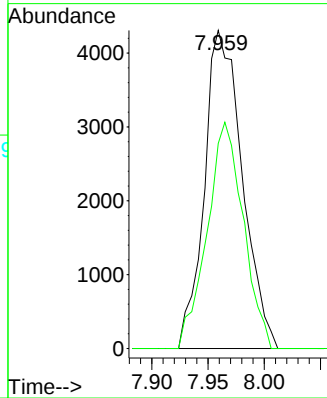
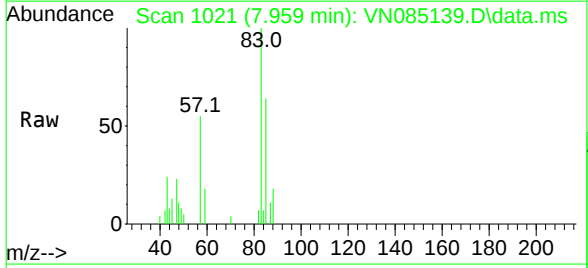




#25
Chloroform
Concen: 2.936 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

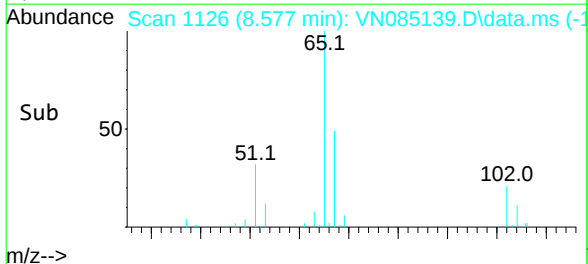
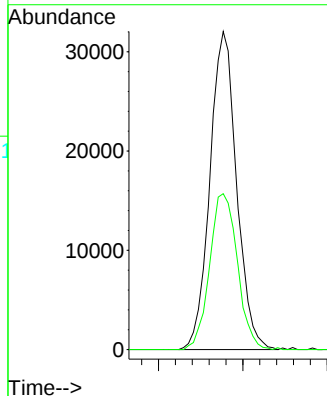
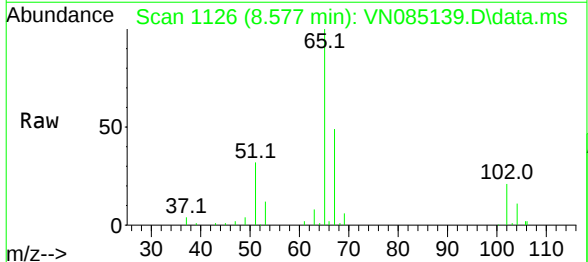
Instrument :
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EFF-WASTE WATER

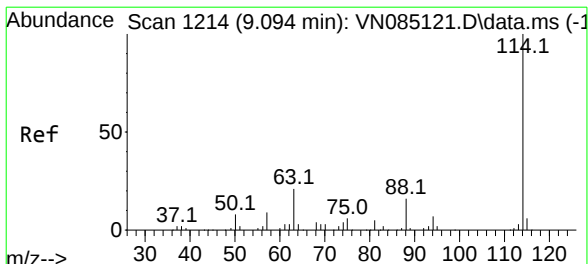
Tgt Ion: 83 Resp: 10088
Ion Ratio Lower Upper
83 100
85 64.5 49.4 74.0



#27
1,2-Dichloroethane-d4
Concen: 31.945 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

Tgt Ion: 65 Resp: 70436
Ion Ratio Lower Upper
65 100
67 51.0 39.9 59.9

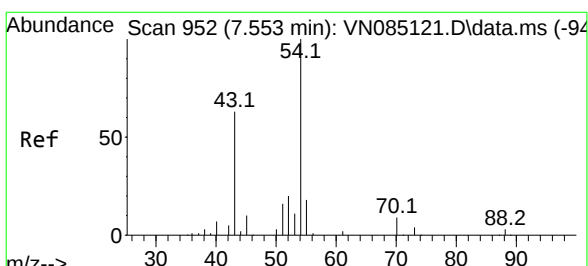
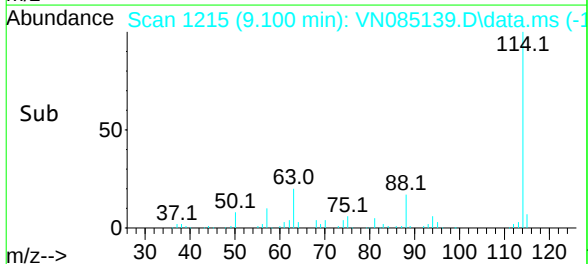
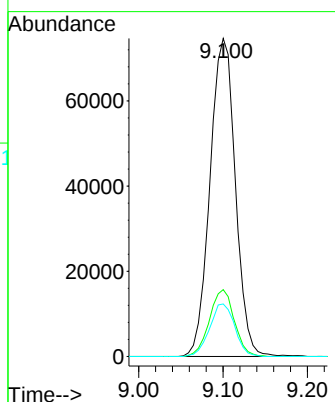
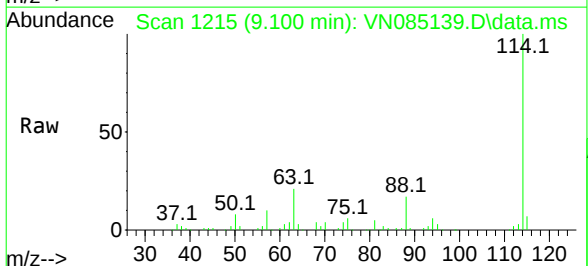




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN085139.D
 Acq: 06 Dec 2024 20:03

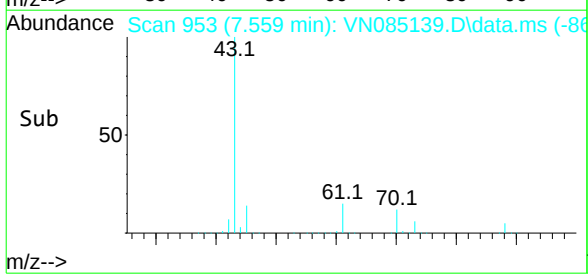
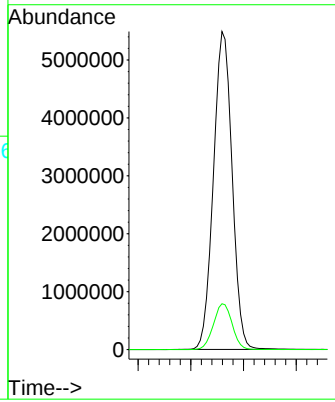
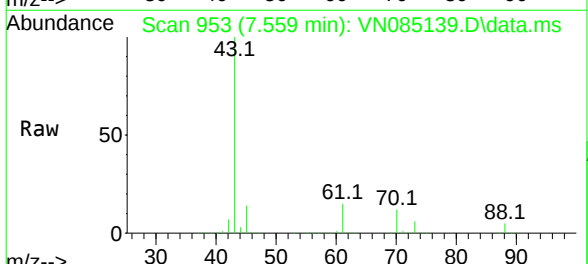
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE WATER

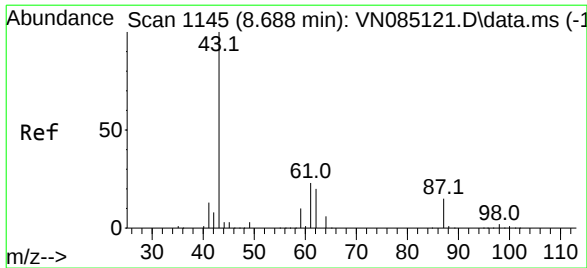
Tgt Ion:	114	Resp:	156041
Ion Ratio	Lower	Upper	
114	100		
63	20.6	16.2	24.2
88	16.4	12.5	18.7



#43
 Ethyl Acetate
 Concen: 5870.060 ug/l
 RT: 7.559 min Scan# 953
 Delta R.T. 0.000 min
 Lab File: VN085139.D
 Acq: 06 Dec 2024 20:03

Tgt Ion:	43	Resp:	13495642
Ion Ratio	Lower	Upper	
43	100		
45	14.4	13.3	19.9

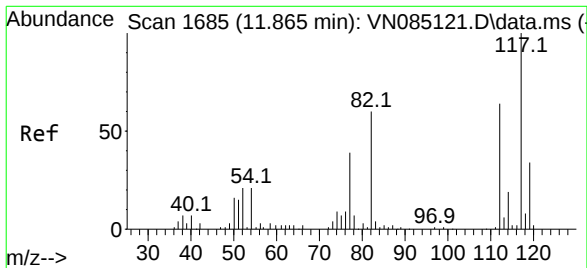
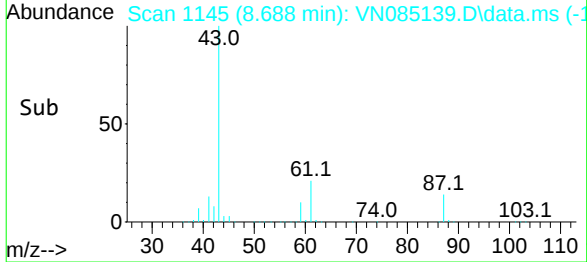
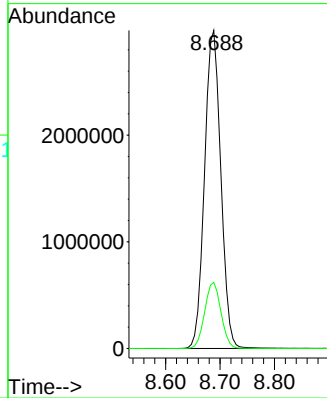
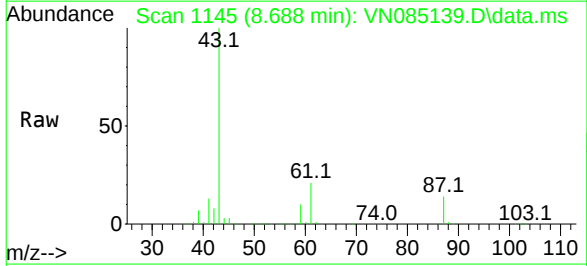




#44
Isopropyl Acetate
Concen: 1550.908 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

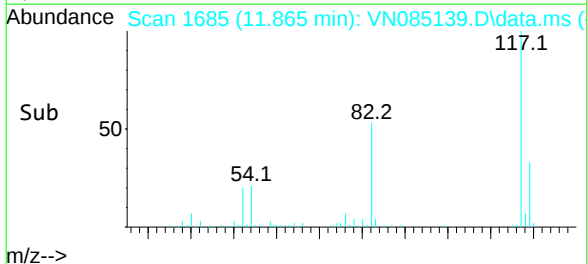
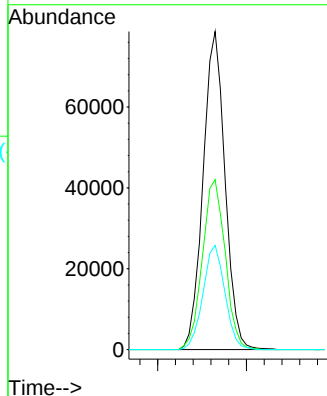
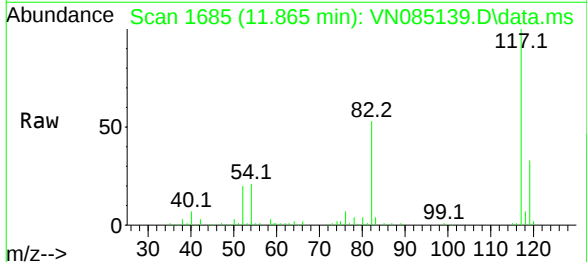
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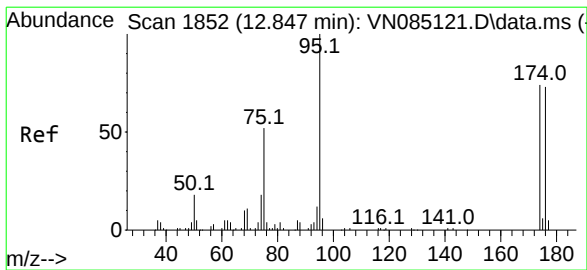
Tgt Ion: 43 Resp: 6196413
Ion Ratio Lower Upper
43 100
61 20.8 21.5 32.3#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

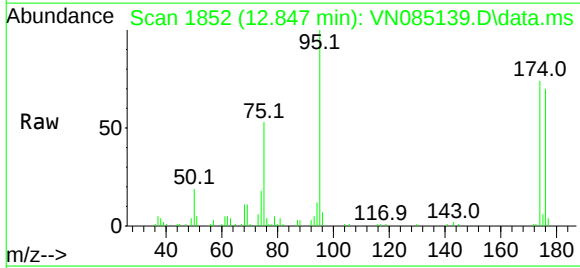
Tgt Ion: 117 Resp: 135206
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 32.8 25.4 38.2



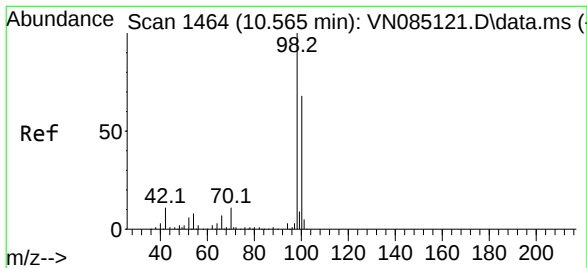
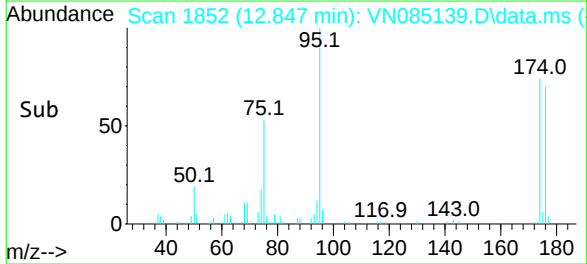
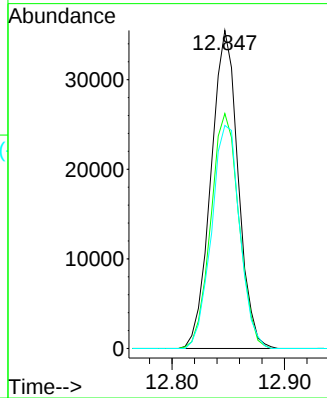


#60
4-Bromofluorobenzene
Concen: 26.662 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE WATER



Tgt Ion:	95	Resp:	59647
Ion	Ratio	Lower	Upper
95	100		
174	76.3	60.3	90.5
176	72.8	57.4	86.0



#63
Toluene-d8
Concen: 30.409 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085139.D
Acq: 06 Dec 2024 20:03

Tgt Ion:	98	Resp:	192865
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.0	78.0

