

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085425.D
 Acq On : 10 Jan 2025 14:08
 Operator : JC\MD
 Sample : Q1066-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE WATER

Quant Time: Jan 10 22:48:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

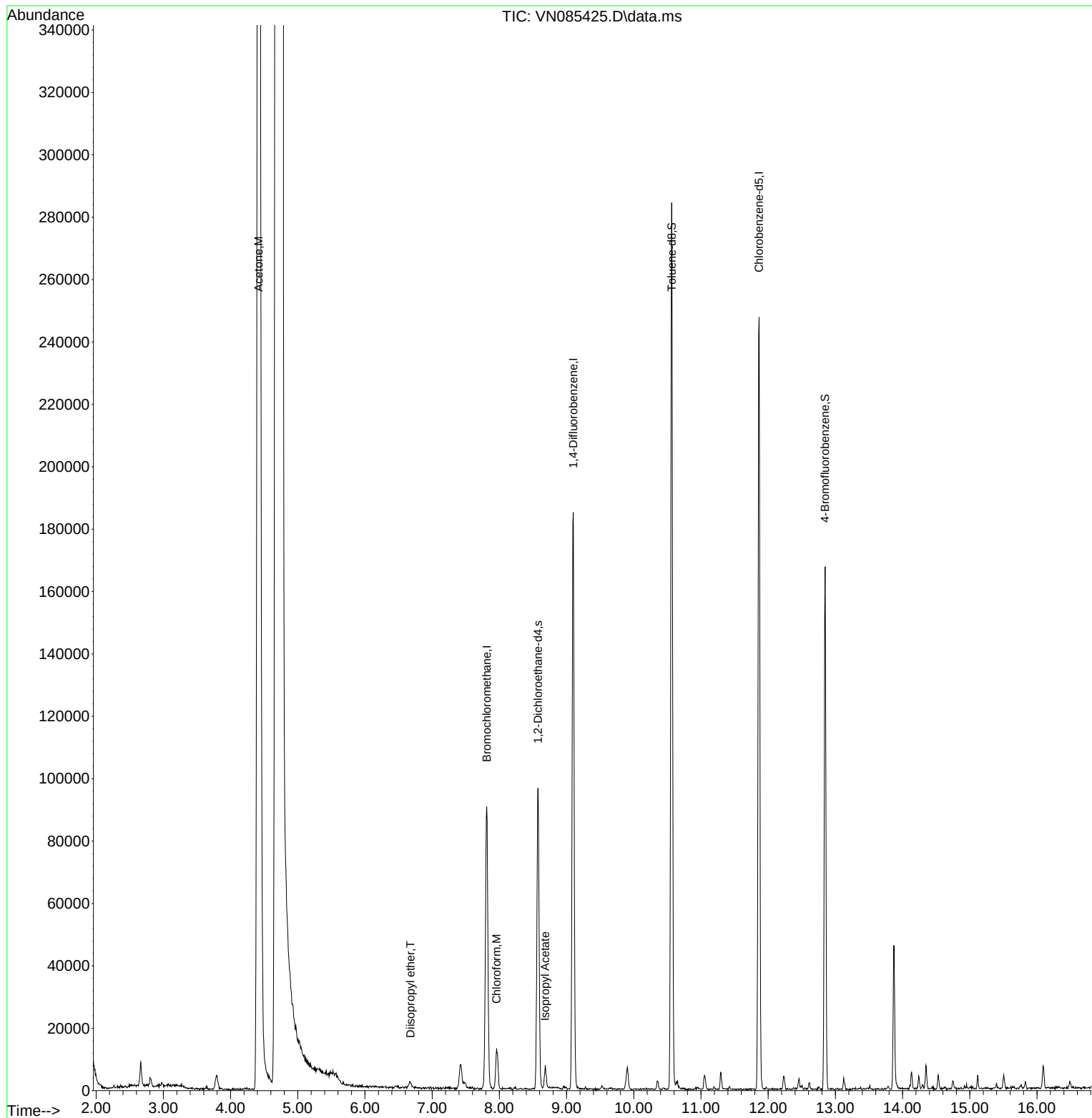
Internal Standards						
1) Bromochloromethane	7.812	128	30932	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	152538	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138971	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80452	29.566	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.567%
60) 4-Bromofluorobenzene	12.847	95	54938	24.405	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.333%
63) Toluene-d8	10.565	98	191449	28.213	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.033%
Target Compounds						
					Qvalue	
15) Acetone	4.418	58	491967	1766.985	ug/l	91
20) Diisopropyl ether	6.677	45	2887m	0.408	ug/l	
25) Chloroform	7.959	83	12429	2.961	ug/l	95
44) Isopropyl Acetate	8.683	43	8101	1.687	ug/l #	81

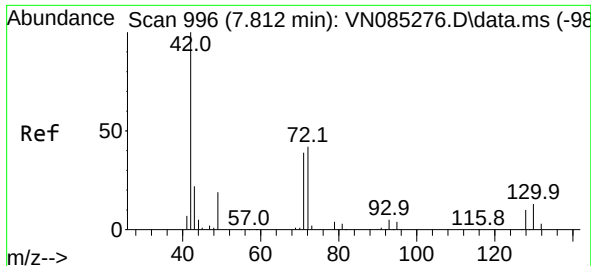
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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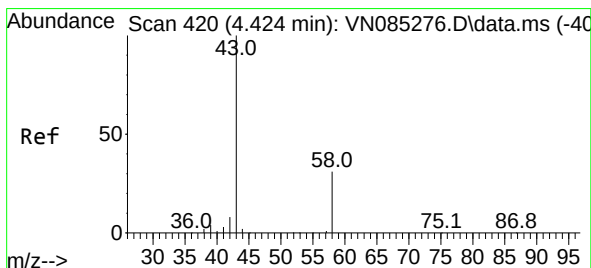
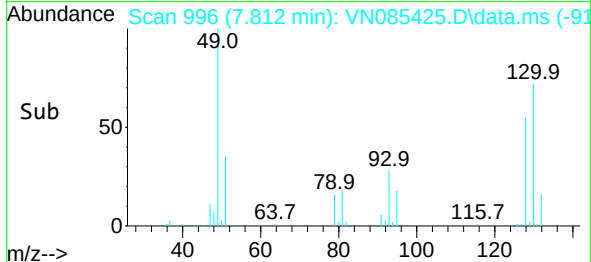
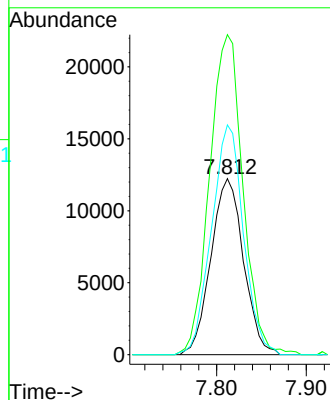
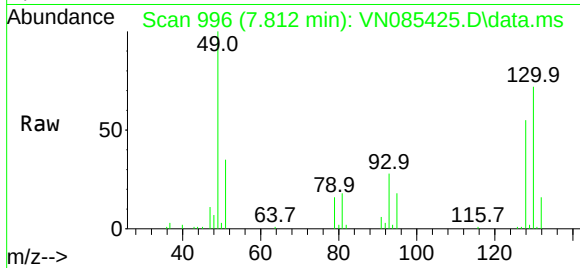




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085425.D
Acq: 10 Jan 2025 14:08

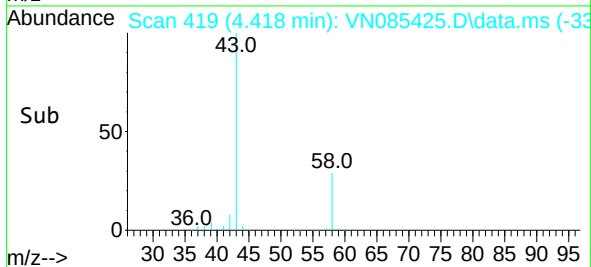
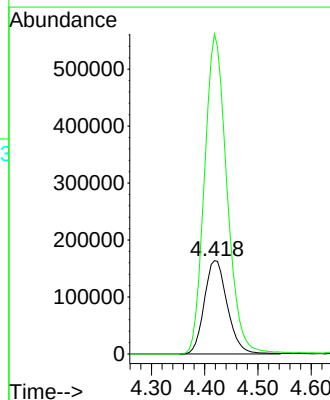
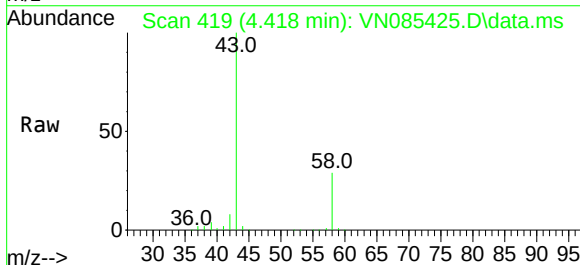
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE WATER

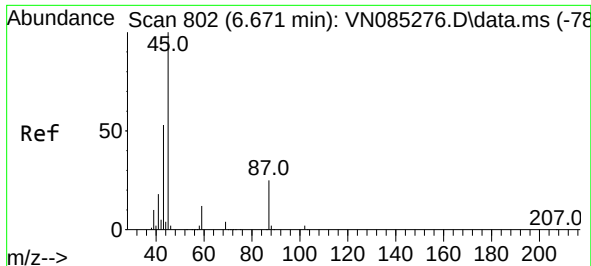
Tgt Ion:128 Resp: 30932
Ion Ratio Lower Upper
128 100
49 184.0 0.0 497.8
130 128.0 0.0 328.5



#15
Acetone
Concen: 1766.985 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN085425.D
Acq: 10 Jan 2025 14:08

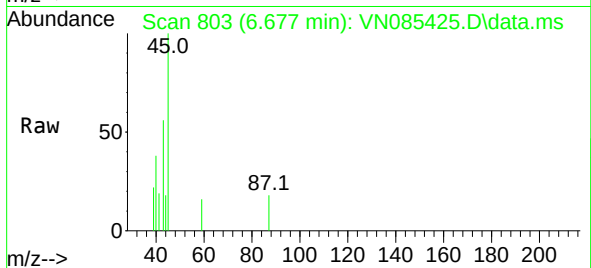
Tgt Ion: 58 Resp: 491967
Ion Ratio Lower Upper
58 100
43 342.7 258.8 388.2



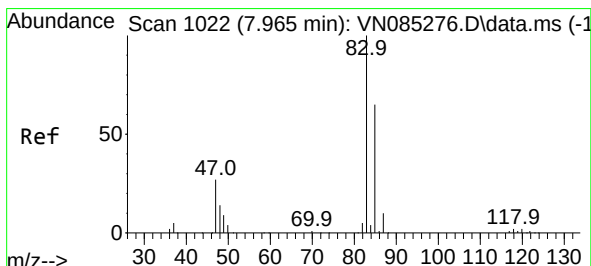
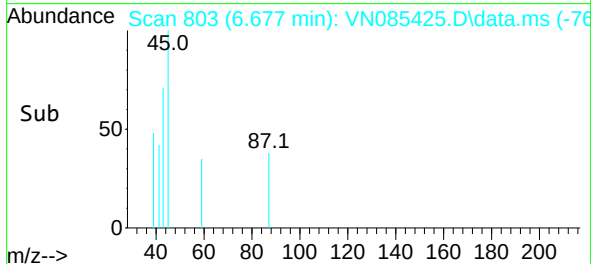
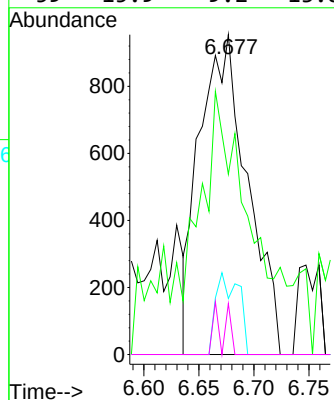


#20
Diisopropyl ether
Concen: 0.408 ug/l m
RT: 6.677 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085425.D
Acq: 10 Jan 2025 14:08

Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE WATER

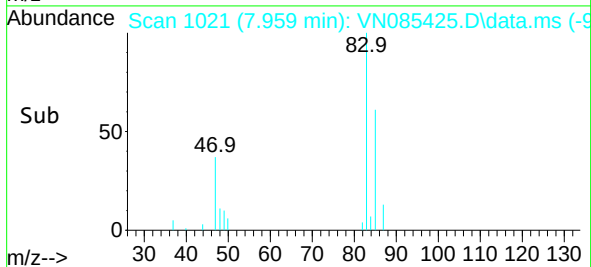
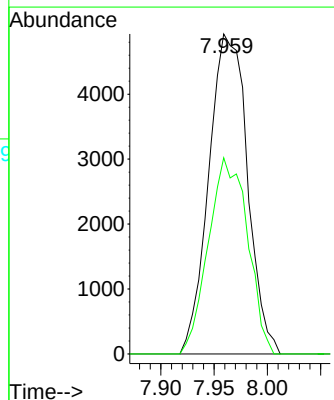
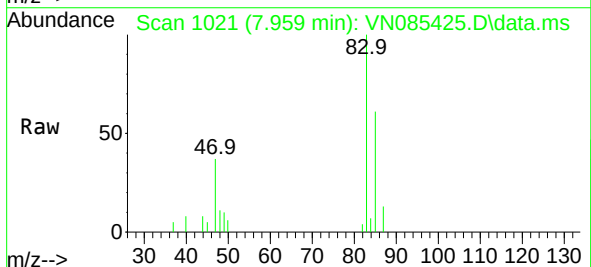


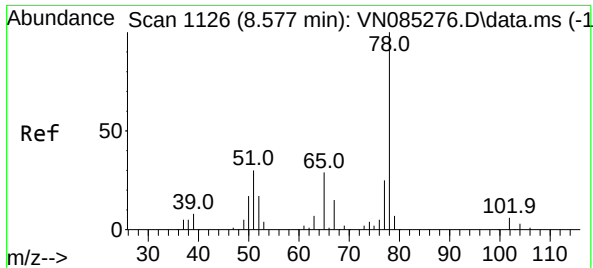
Tgt Ion: 45	Resp: 2887
Ion Ratio	Lower Upper
45 100	
43 56.4	46.6 69.8
87 17.5	22.3 33.5#
59 15.9	9.2 13.8#



#25
Chloroform
Concen: 2.961 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085425.D
Acq: 10 Jan 2025 14:08

Tgt Ion: 83	Resp: 12429		
Ion Ratio	Lower	Upper	
83 100			
85 61.3	52.0	78.0	

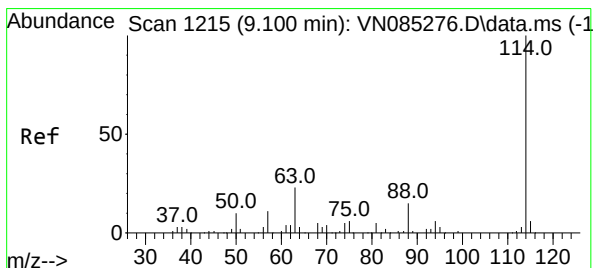
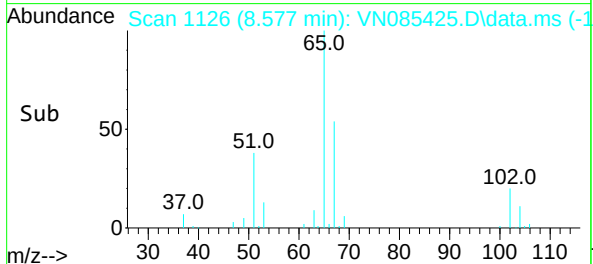
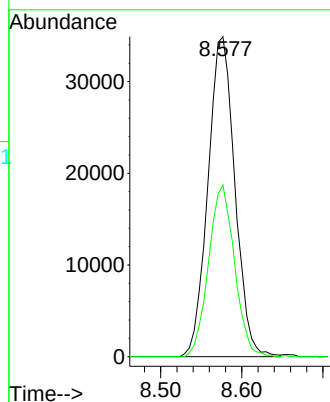
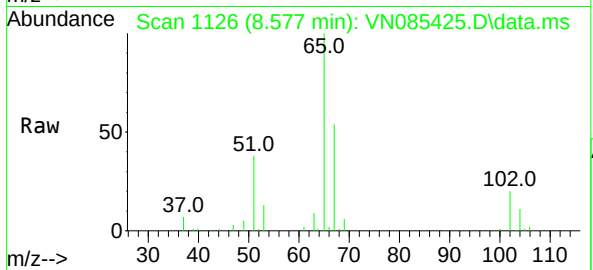




#27
 1,2-Dichloroethane-d4
 Concen: 29.566 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085425.D
 Acq: 10 Jan 2025 14:08

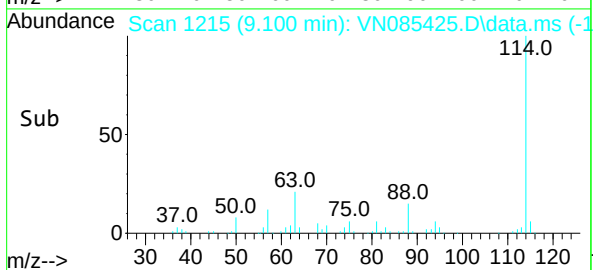
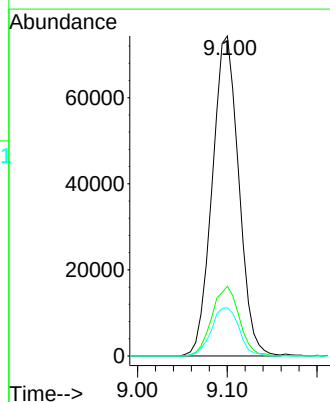
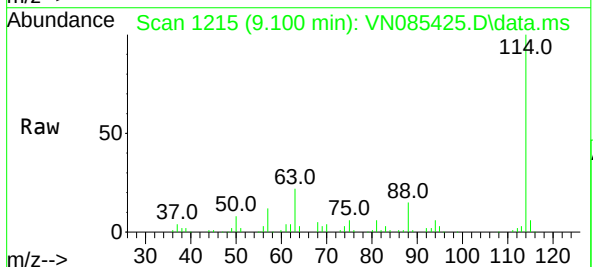
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE WATER

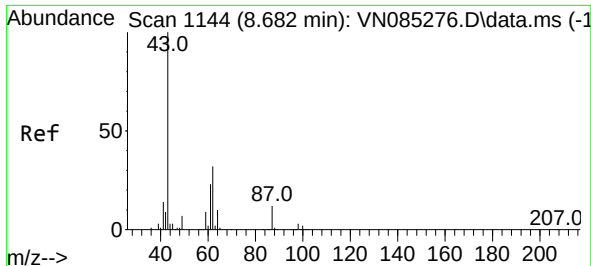
Tgt Ion: 65 Resp: 80452
 Ion Ratio Lower Upper
 65 100
 67 51.6 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085425.D
 Acq: 10 Jan 2025 14:08

Tgt Ion: 114 Resp: 152538
 Ion Ratio Lower Upper
 114 100
 63 22.4 18.0 27.0
 88 15.7 12.9 19.3

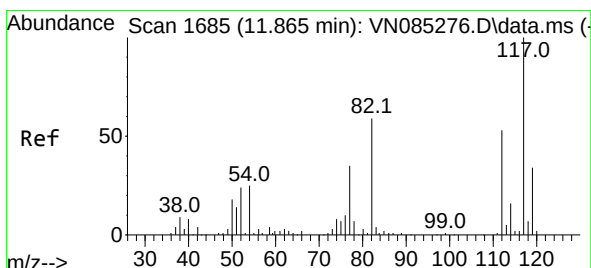
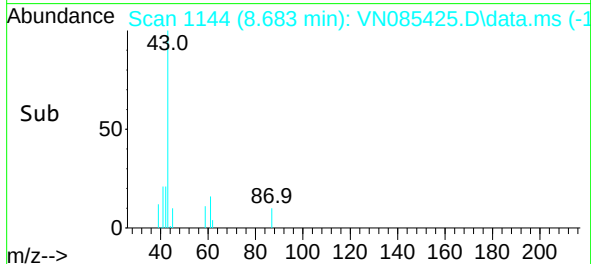
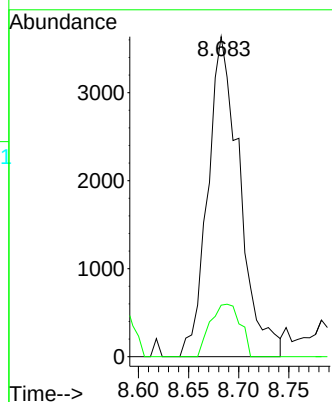
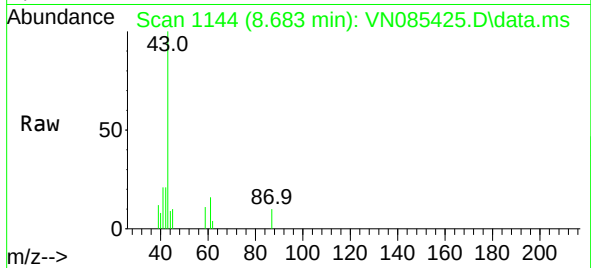




#44
Isopropyl Acetate
Concen: 1.687 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085425.D
Acq: 10 Jan 2025 14:08

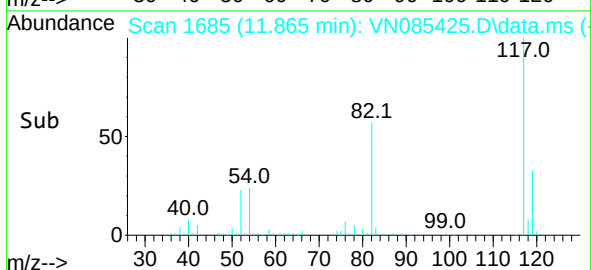
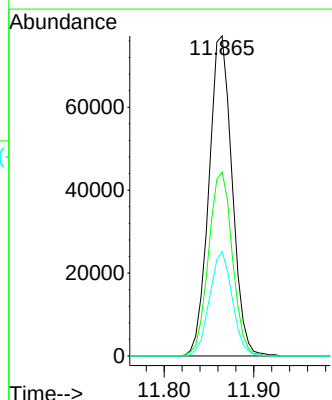
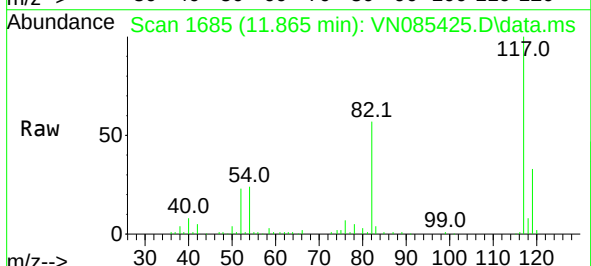
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MSVOA_N
ClientSampleId :
EFF-WASTE WATER

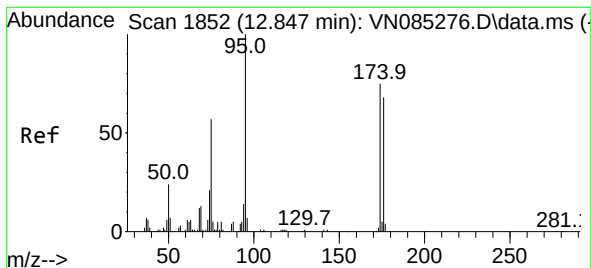
Tgt Ion: 43 Resp: 8101
Ion Ratio Lower Upper
43 100
61 15.4 19.7 29.5#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085425.D
Acq: 10 Jan 2025 14:08

Tgt Ion: 117 Resp: 138971
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 32.0 25.3 37.9

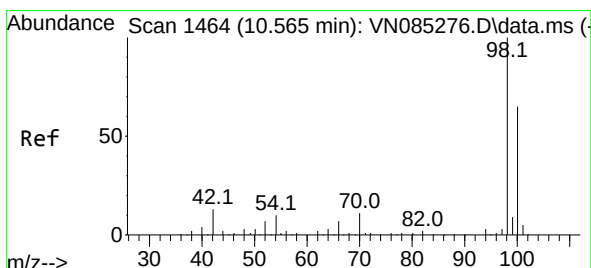
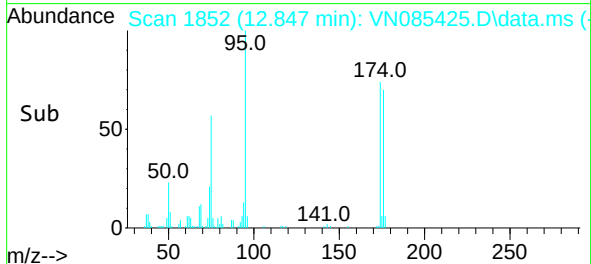
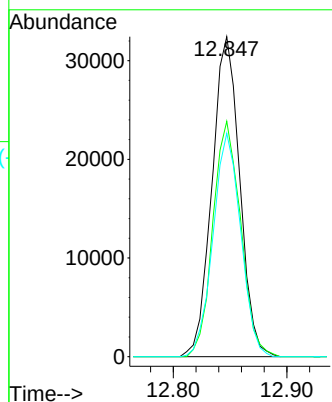
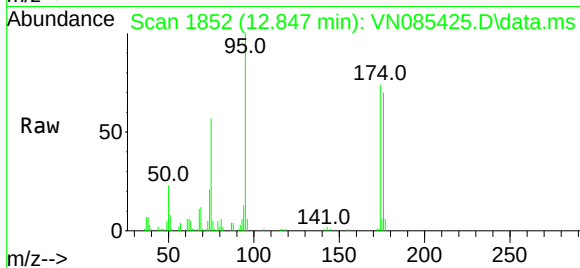




#60
4-Bromofluorobenzene
Concen: 24.405 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085425.D
Acq: 10 Jan 2025 14:08

Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 95 Resp: 54938
Ion Ratio Lower Upper
95 100
174 73.5 57.8 86.8
176 69.6 57.1 85.7



#63
Toluene-d8
Concen: 28.213 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085425.D
Acq: 10 Jan 2025 14:08

Tgt Ion: 98 Resp: 191449
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2

