

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085211.D
 Acq On : 16 Dec 2024 11:57
 Operator : JC\MD
 Sample : P5276-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(DEC)

Quant Time: Dec 16 12:22:32 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)

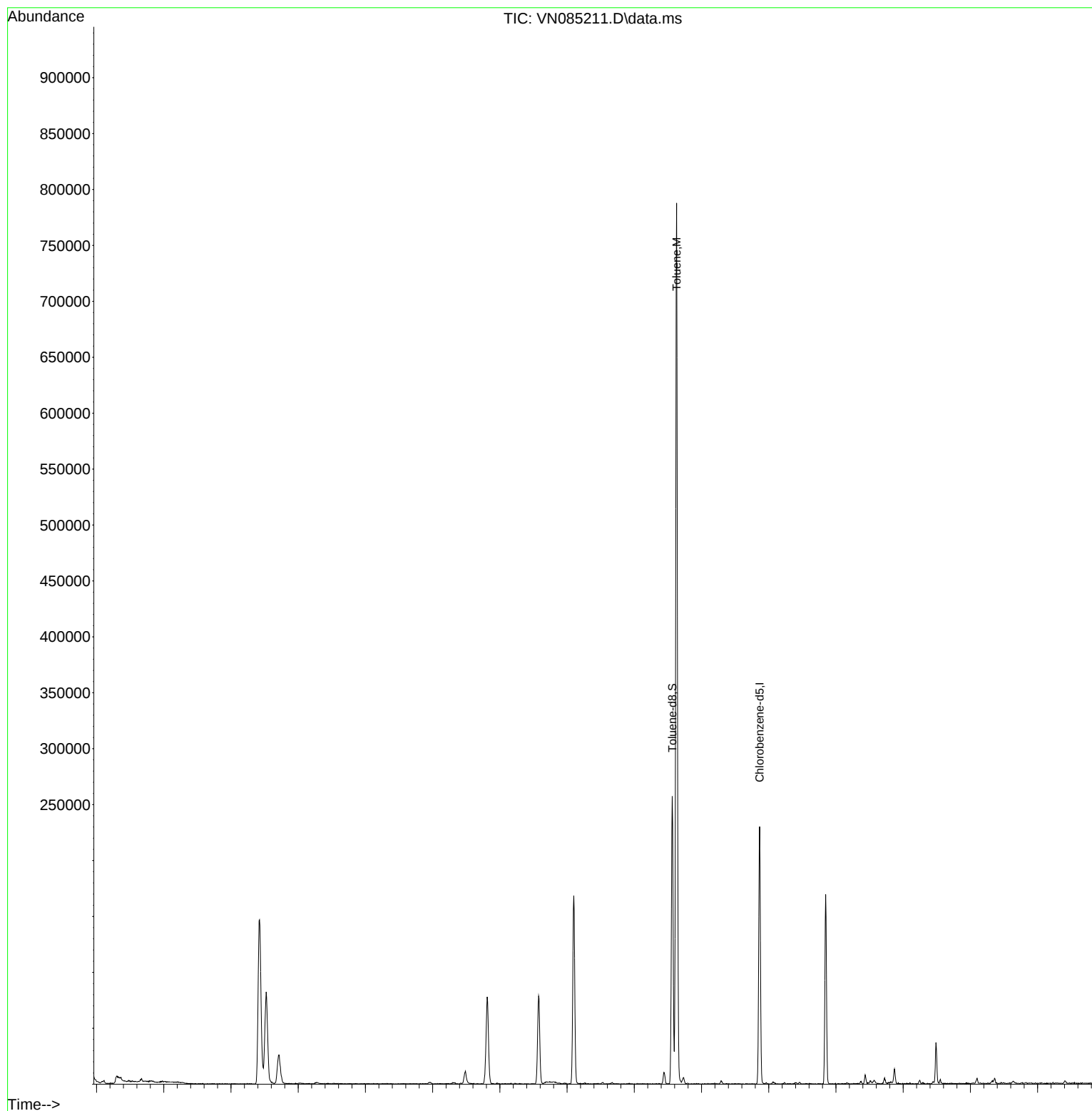
Internal Standards						
1) Bromochloromethane	7.812	128	27333	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	145796	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	134362	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	65807	30.343	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.133%
60) 4-Bromofluorobenzene	12.847	95	59091	26.580	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.600%
63) Toluene-d8	10.565	98	178120	28.261	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.200%
Target Compounds						
15) Acetone	4.424	58	89517	405.114	ug/l	Qvalue 100
30) 2-Butanone	7.488	43	18689	17.311	ug/l #	98
62) Toluene	10.629	91	591725	75.514	ug/l	99
82) p-Isopropyltoluene	13.723	119	3174	0.494	ug/l	96

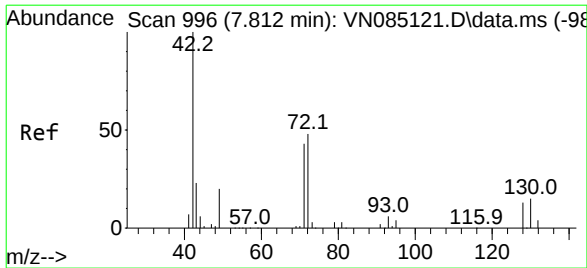
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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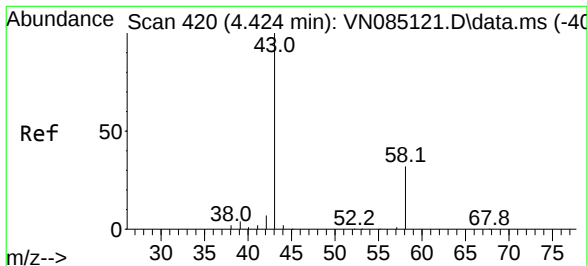
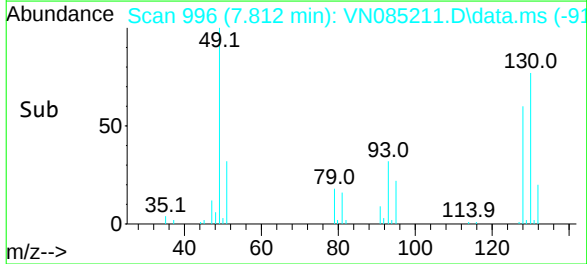
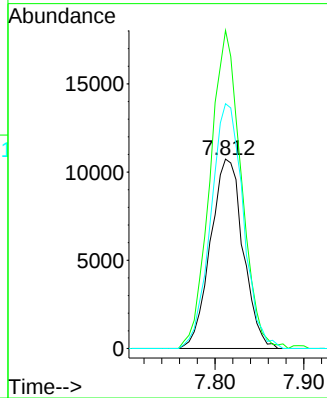
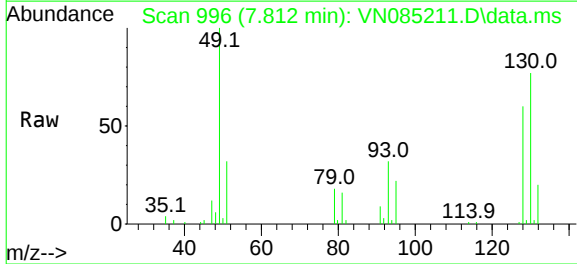




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085211.D
Acq: 16 Dec 2024 11:57

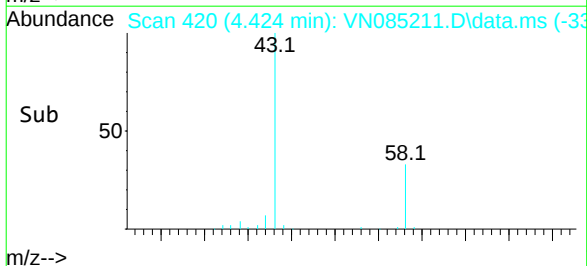
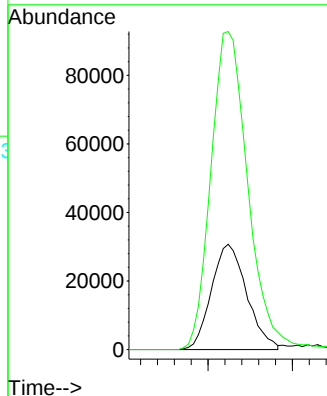
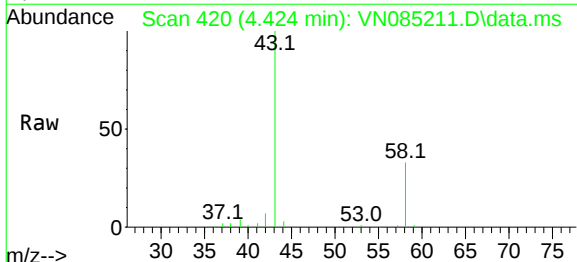
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(DEC)

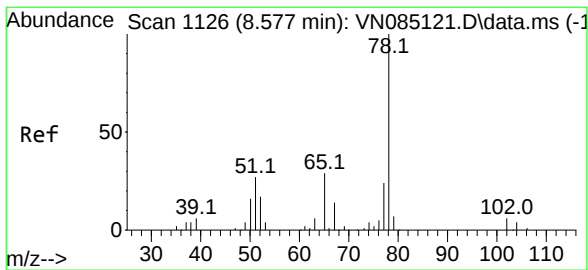
Tgt Ion	Ratio	Lower	Upper
128	100		
49	160.1	0.0	394.5
130	128.7	0.0	316.5



#15
Acetone
Concen: 405.114 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085211.D
Acq: 16 Dec 2024 11:57

Tgt Ion	Ratio	Lower	Upper
58	100		
43	302.1	242.3	363.5

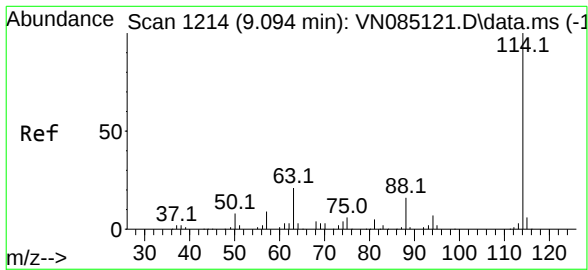
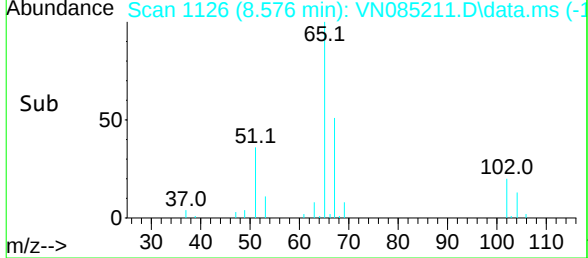
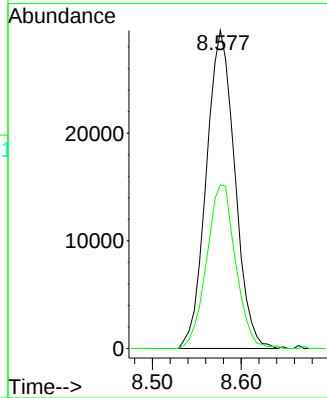
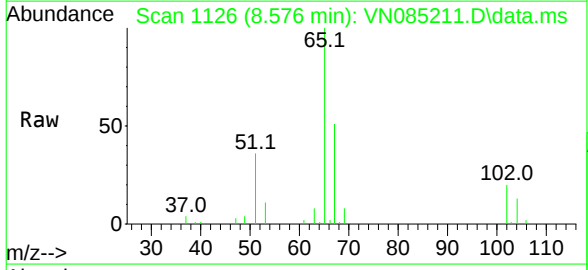




#27
1,2-Dichloroethane-d4
Concen: 30.343 ug/l
RT: 8.576 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085211.D
Acq: 16 Dec 2024 11:57

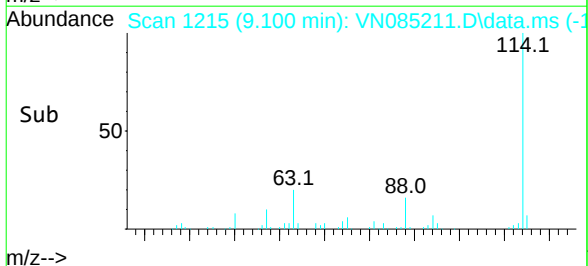
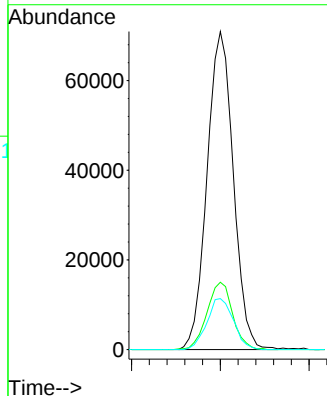
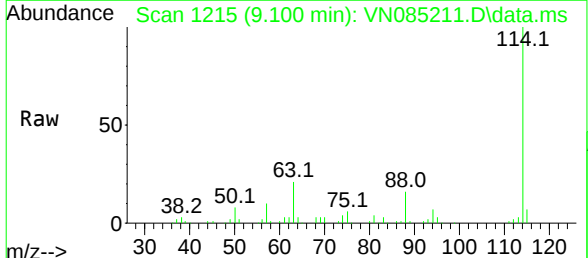
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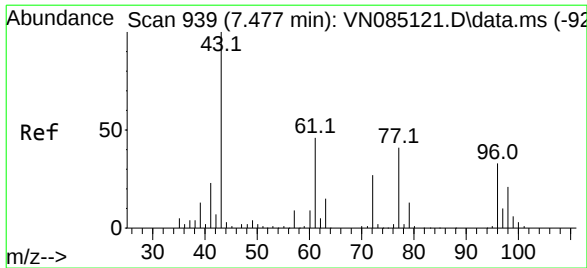
Tgt Ion: 65 Resp: 65807
Ion Ratio Lower Upper
65 100
67 52.2 39.9 59.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085211.D
Acq: 16 Dec 2024 11:57

Tgt Ion: 114 Resp: 145796
Ion Ratio Lower Upper
114 100
63 20.7 16.2 24.2
88 16.2 12.5 18.7

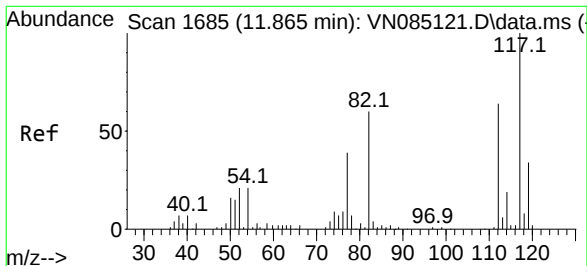
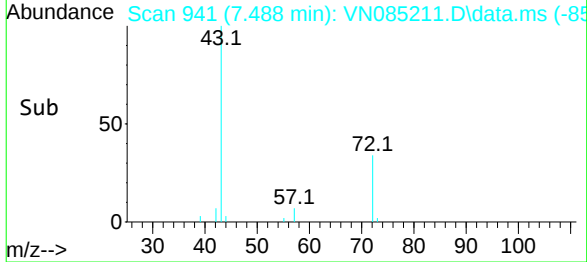
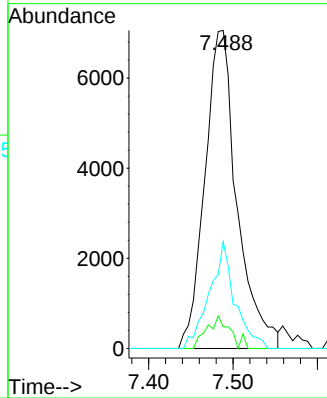
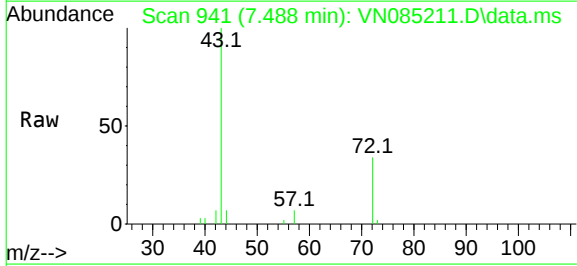




#30
2-Butanone
Concen: 17.311 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085211.D
Acq: 16 Dec 2024 11:57

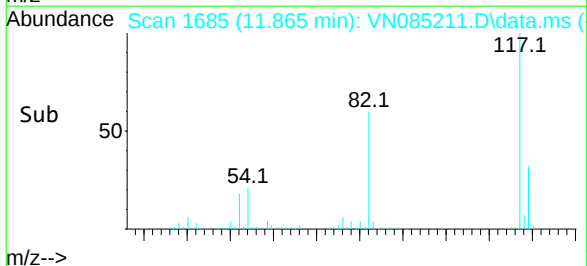
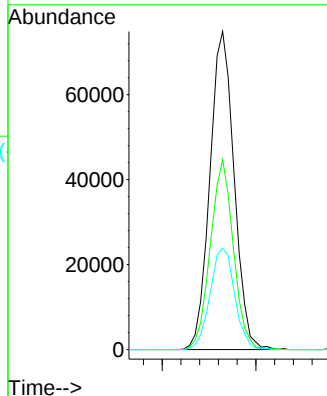
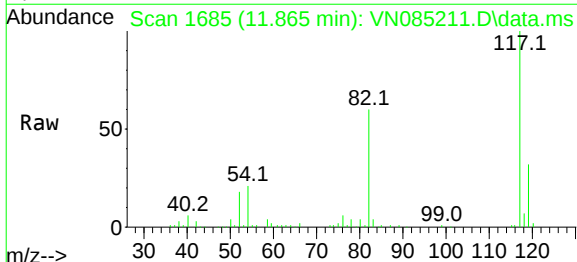
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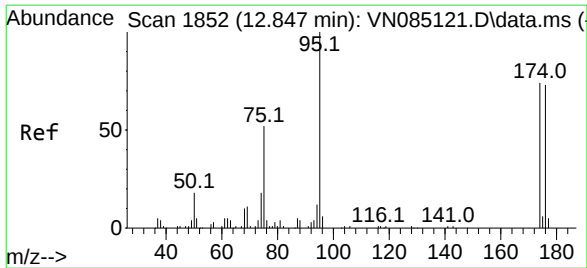
Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.8	6.9	10.3#
72	26.5	21.8	32.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085211.D
Acq: 16 Dec 2024 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.2	66.4
119	32.5	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 26.580 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085211.D

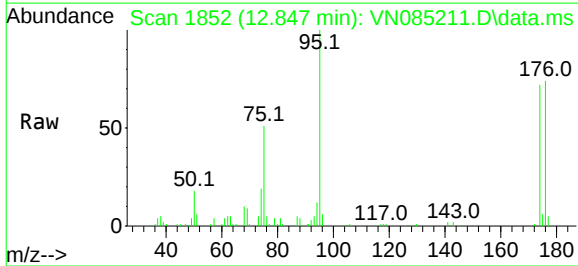
Acq: 16 Dec 2024 11:57

Instrument :

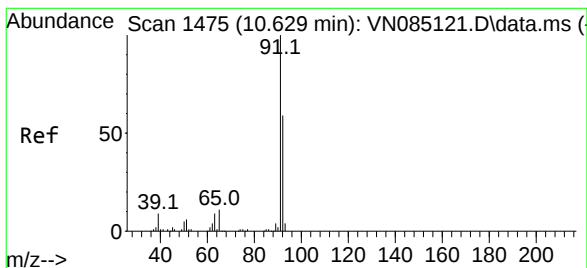
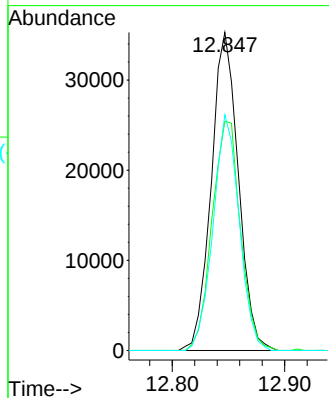
MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(DEC)



Tgt Ion:	95	Resp:	59091
Ion	Ratio	Lower	Upper
95	100		
174	75.3	60.3	90.5
176	71.3	57.4	86.0



#62

Toluene

Concen: 75.514 ug/l

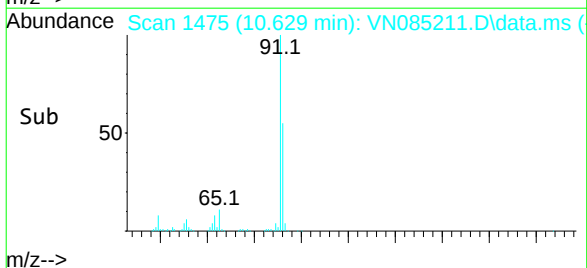
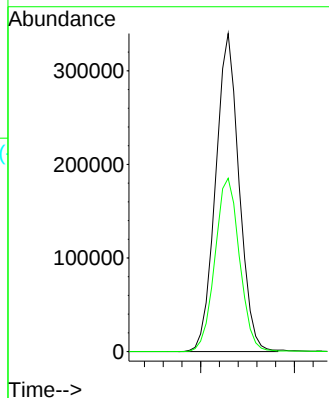
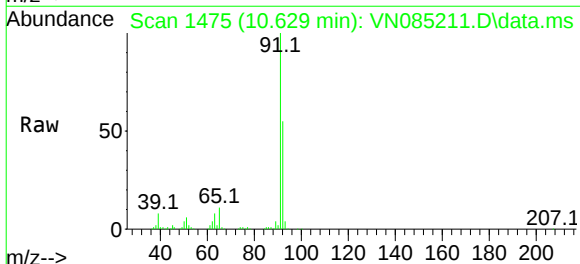
RT: 10.629 min Scan# 1475

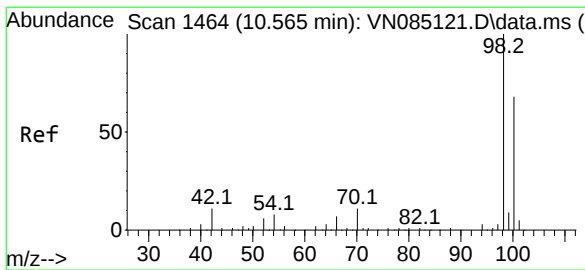
Delta R.T. -0.000 min

Lab File: VN085211.D

Acq: 16 Dec 2024 11:57

Tgt Ion:	91	Resp:	591725
Ion	Ratio	Lower	Upper
91	100		
92	57.0	46.5	69.7





#63

Toluene-d8

Concen: 28.261 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN085211.D

Acq: 16 Dec 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

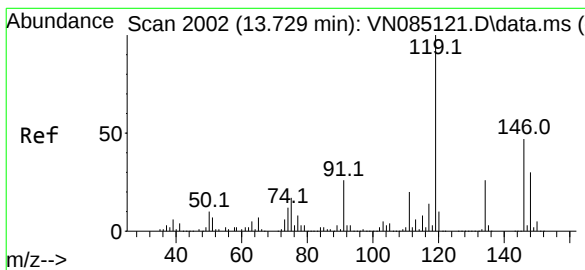
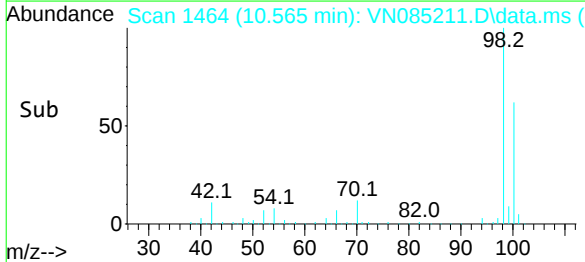
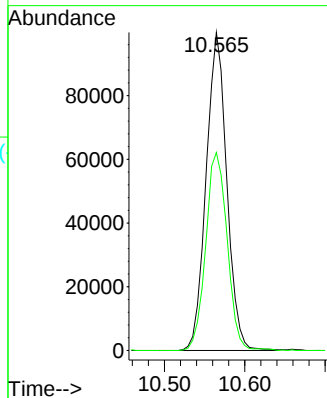
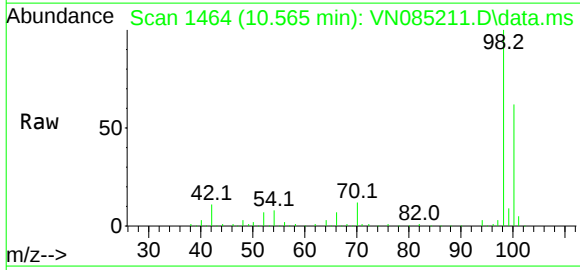
001-WILLETS-PT-BLVD(DEC)

Tgt Ion: 98 Resp: 178120

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#82

p-Isopropyltoluene

Concen: 0.494 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085211.D

Acq: 16 Dec 2024 11:57

Tgt Ion: 119 Resp: 3174

Ion Ratio Lower Upper

119 100

134 23.5 0.0 51.6

91 23.2 0.0 50.4

