

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085282.D
 Acq On : 20 Dec 2024 14:43
 Operator : JC\MD
 Sample : P5328-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 21 02:24:47 2024
 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)

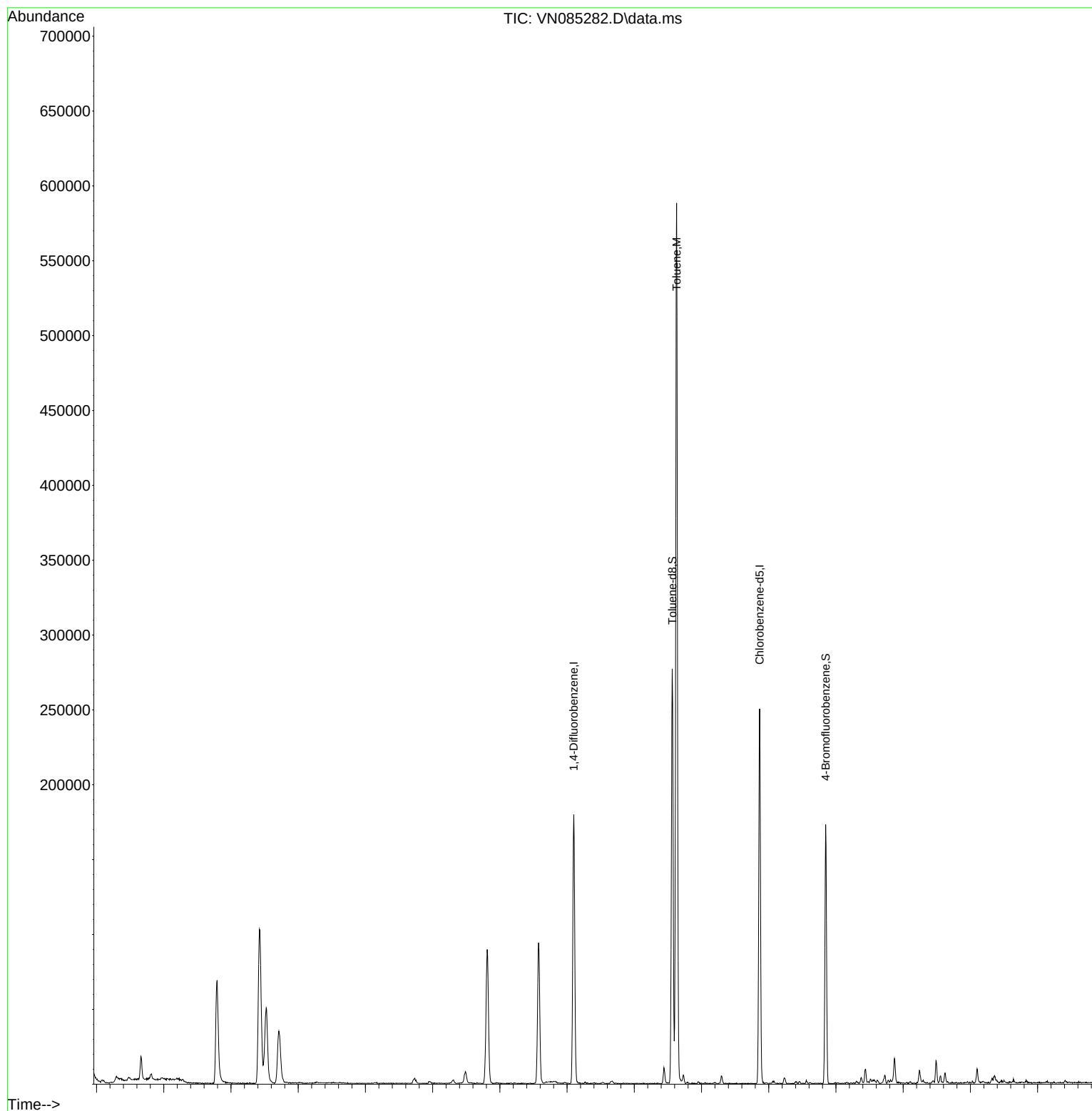
Internal Standards						
1) Bromochloromethane	7.812	128	29425	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	145458	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	136162	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	78551	30.346	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.167%
60) 4-Bromofluorobenzene	12.847	95	55452	25.141	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.800%
63) Toluene-d8	10.565	98	185829	27.949	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.167%
Target Compounds						
15) Acetone	4.424	58	58159	219.586	ug/l	96
30) 2-Butanone	7.488	43	13360	10.022	ug/l #	62
58) 4-Methyl-2-Pentanone	10.441	43	6989	2.532	ug/l	96
62) Toluene	10.629	91	432616	51.716	ug/l	99
82) p-Isopropyltoluene	13.729	119	2848	0.435	ug/l	81

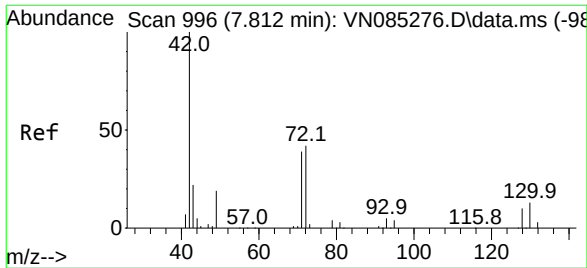
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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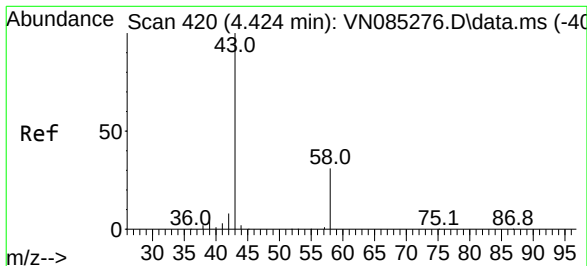
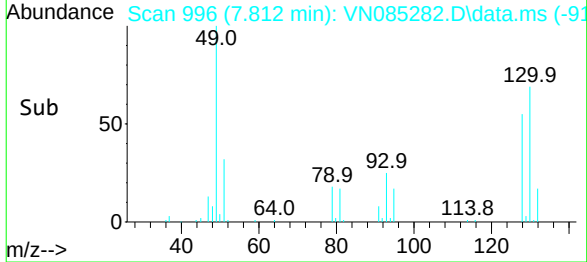
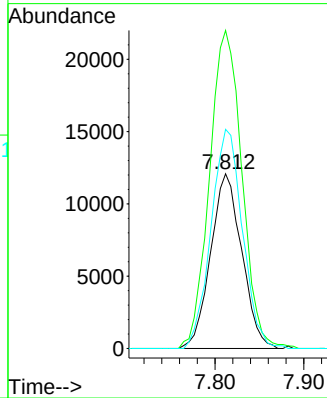
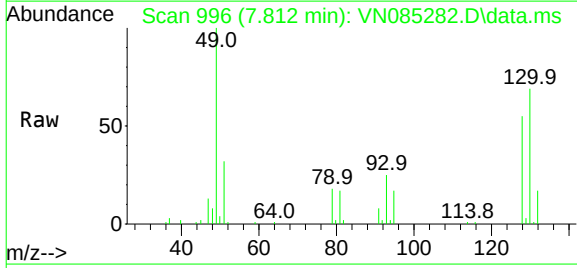




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085282.D
Acq: 20 Dec 2024 14:43

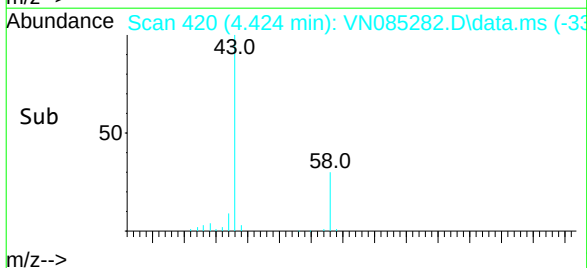
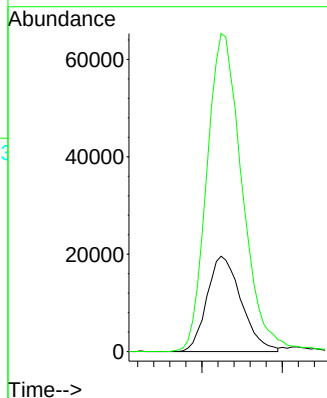
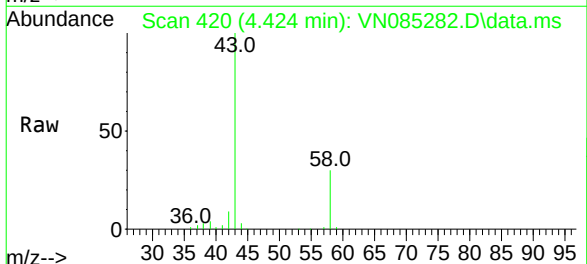
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(DEC)

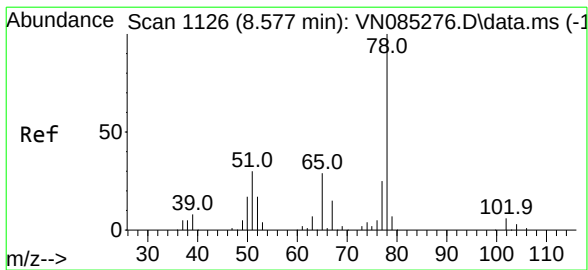
Tgt Ion:	128	Resp:	29425
Ion	Ratio	Lower	Upper
128	100		
49	189.4	0.0	497.8
130	126.7	0.0	328.5



#15
Acetone
Concen: 219.586 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN085282.D
Acq: 20 Dec 2024 14:43

Tgt Ion:	58	Resp:	58159
Ion	Ratio	Lower	Upper
58	100		
43	331.6	258.8	388.2

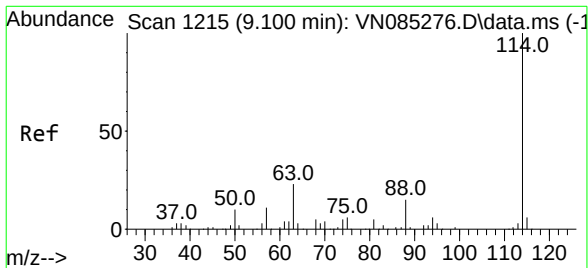
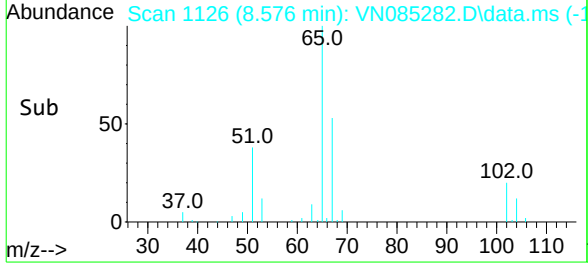
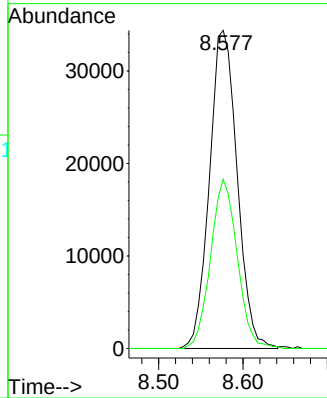
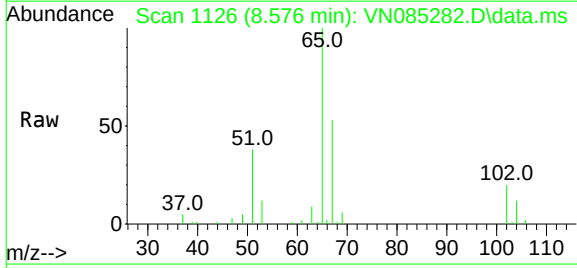




#27
1,2-Dichloroethane-d4
Concen: 30.346 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085282.D
Acq: 20 Dec 2024 14:43

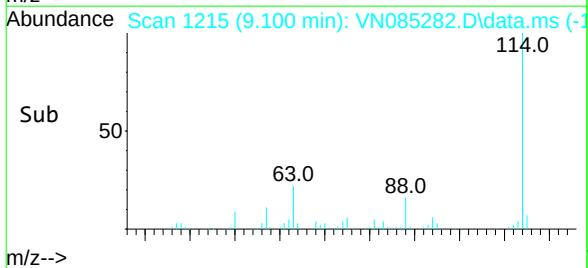
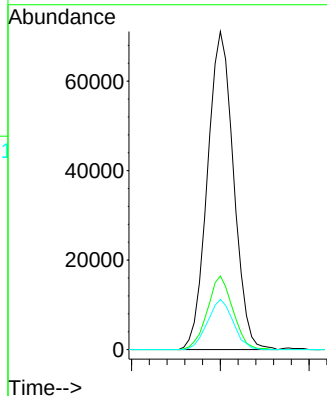
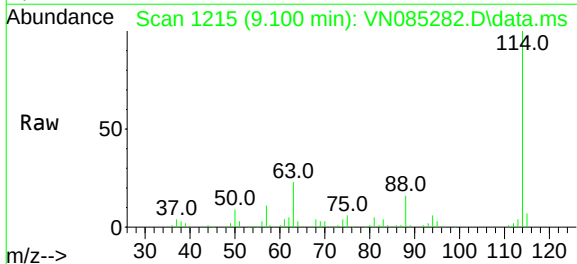
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(DEC)

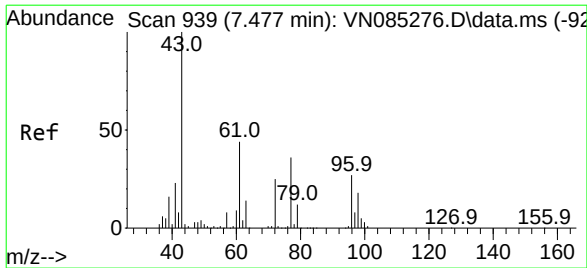
Tgt Ion: 65 Resp: 78551
Ion Ratio Lower Upper
65 100
67 51.1 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085282.D
Acq: 20 Dec 2024 14:43

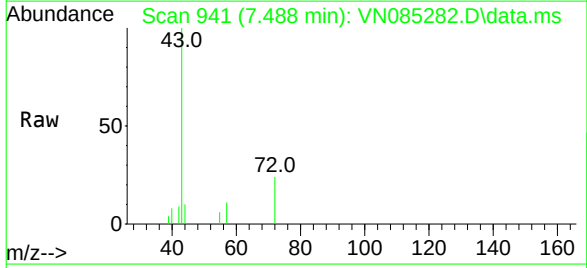
Tgt Ion: 114 Resp: 145458
Ion Ratio Lower Upper
114 100
63 22.5 18.0 27.0
88 15.4 12.9 19.3



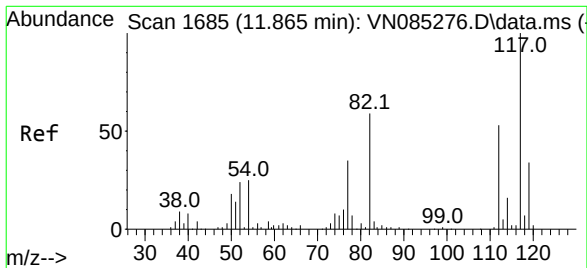
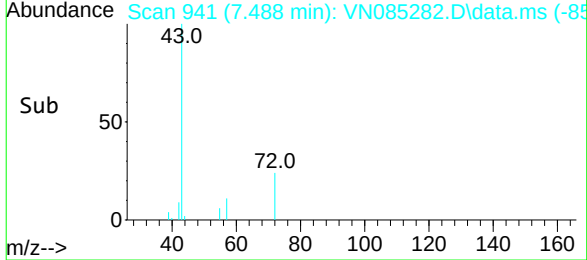
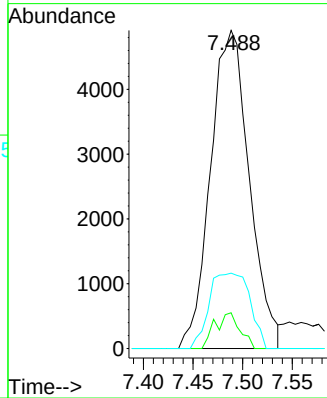


#30
2-Butanone
Concen: 10.022 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085282.D
Acq: 20 Dec 2024 14:43

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

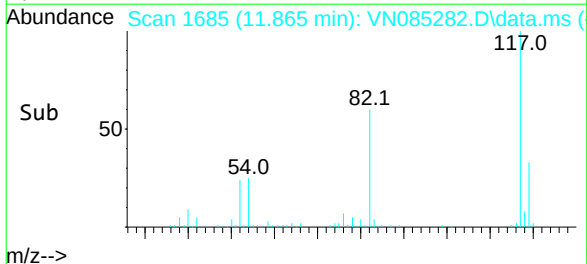
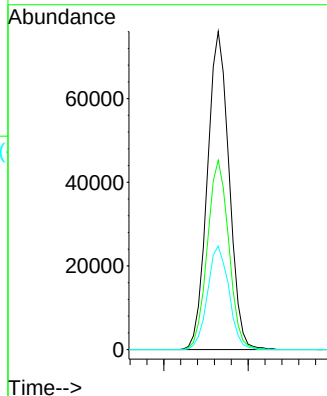
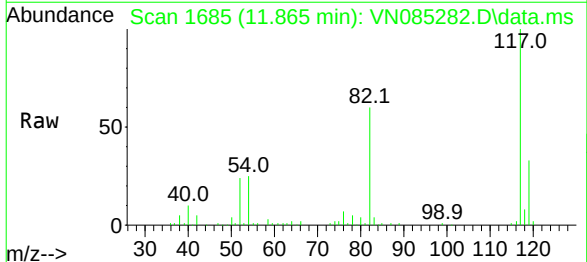


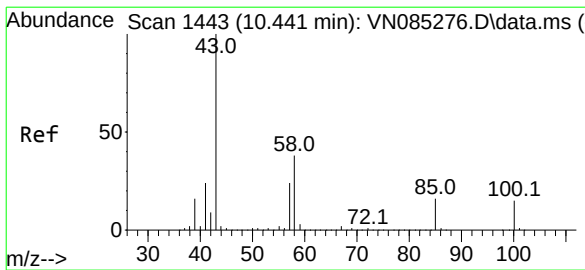
Tgt Ion: 43 Resp: 13360
Ion Ratio Lower Upper
43 100
57 7.2 6.2 9.2
72 0.0 19.9 29.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085282.D
Acq: 20 Dec 2024 14:43

Tgt Ion: 117 Resp: 136162
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.0
119 32.1 25.3 37.9

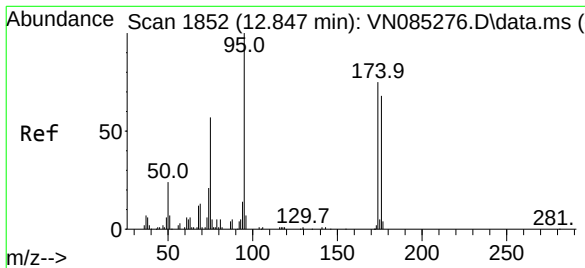
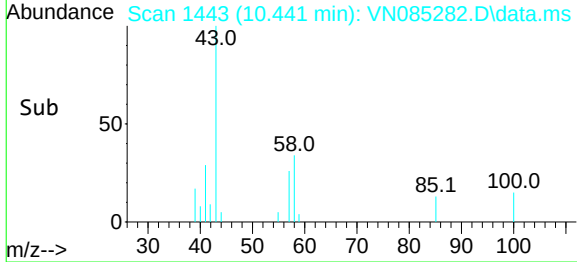
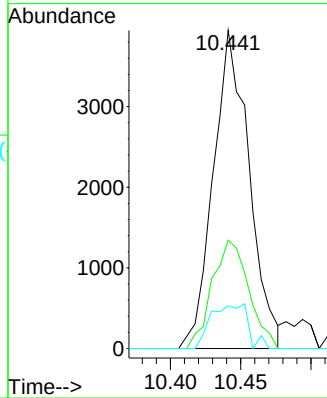
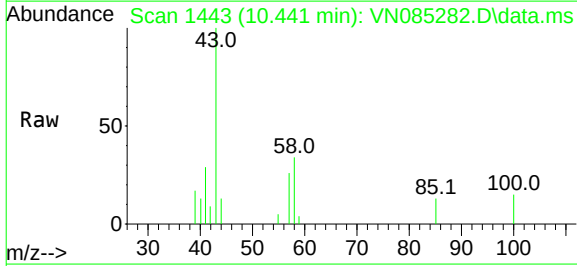




#58
4-Methyl-2-Pentanone
Concen: 2.532 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085282.D
Acq: 20 Dec 2024 14:43

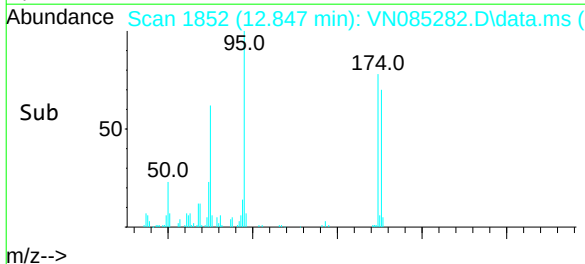
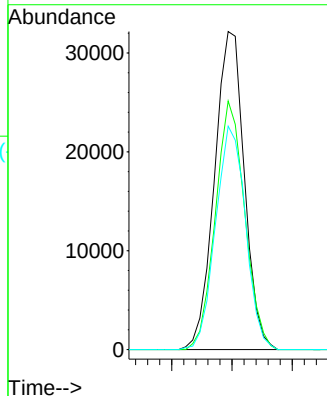
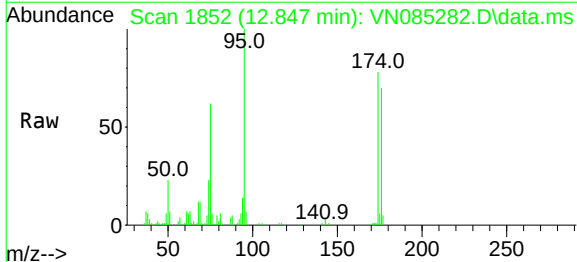
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ClientSampleId :
001-WILLETS-PT-BLVD(DEC)

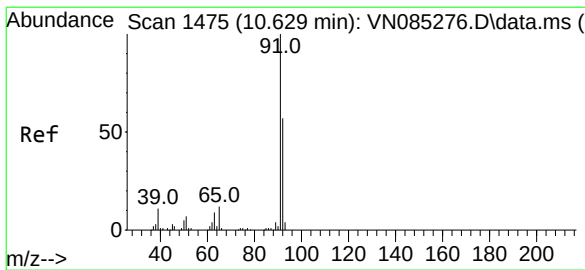
Tgt Ion: 43	Resp: 6989
Ion Ratio	Lower Upper
43 100	
58 34.7	29.2 43.8
85 13.5	12.8 19.2



#60
4-Bromofluorobenzene
Concen: 25.141 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085282.D
Acq: 20 Dec 2024 14:43

Tgt Ion: 95	Resp: 55452
Ion Ratio	Lower Upper
95 100	
174 76.7	57.8 86.8
176 70.4	57.1 85.7





#62

Toluene

Concen: 51.716 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN085282.D

Acq: 20 Dec 2024 14:43

Instrument :

MSVOA_N

ClientSampleId :

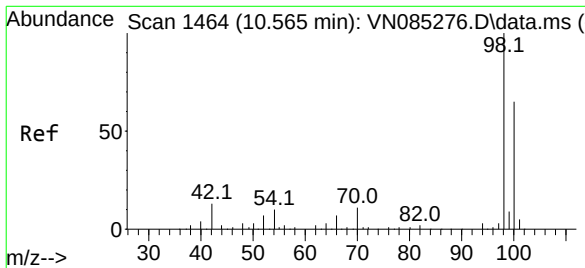
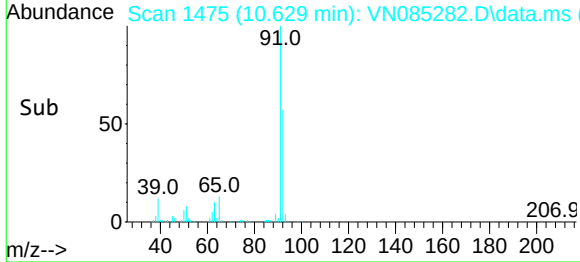
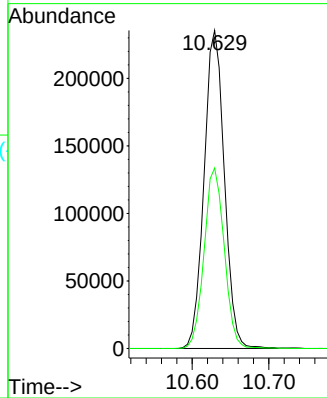
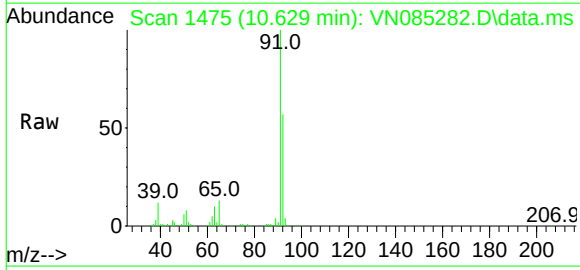
001-WILLETS-PT-BLVD(DEC)

Tgt Ion: 91 Resp: 432616

Ion Ratio Lower Upper

91 100

92 56.4 45.9 68.9



#63

Toluene-d8

Concen: 27.949 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085282.D

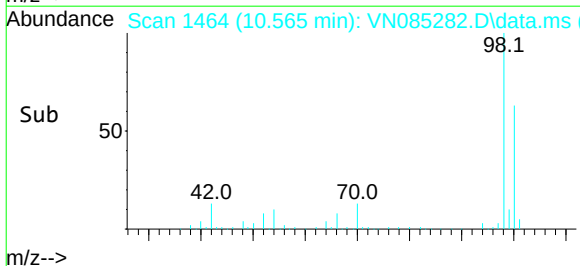
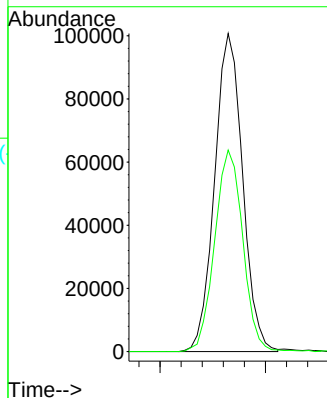
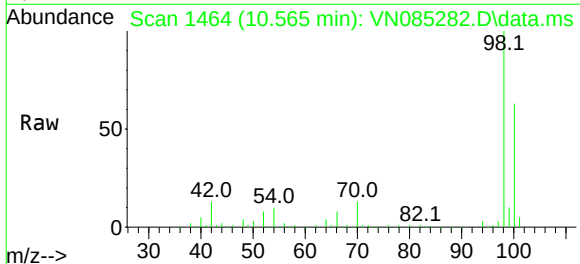
Acq: 20 Dec 2024 14:43

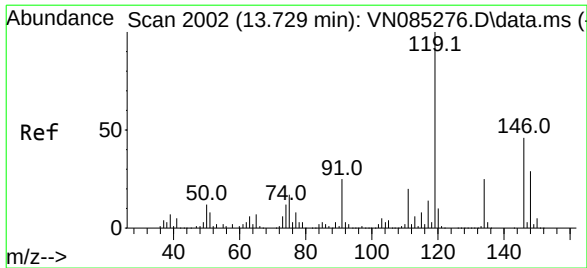
Tgt Ion: 98 Resp: 185829

Ion Ratio Lower Upper

98 100

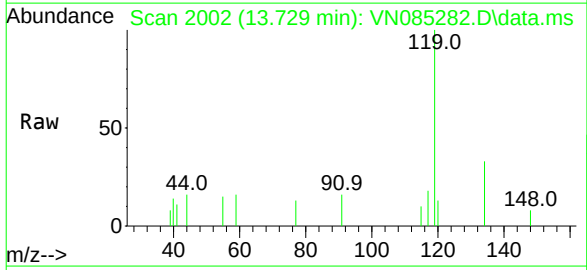
100 63.7 50.8 76.2





#82
 p-Isopropyltoluene
 Concen: 0.435 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085282.D
 Acq: 20 Dec 2024 14:43

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



Tgt Ion:	119	Resp:	2848
Ion	Ratio	Lower	Upper
119	100		
134	24.8	0.0	51.4
91	7.7	0.0	51.4

