

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084350.D
 Acq On : 08 Oct 2024 15:41
 Operator : JC\MD
 Sample : P4337-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 09 02:31:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

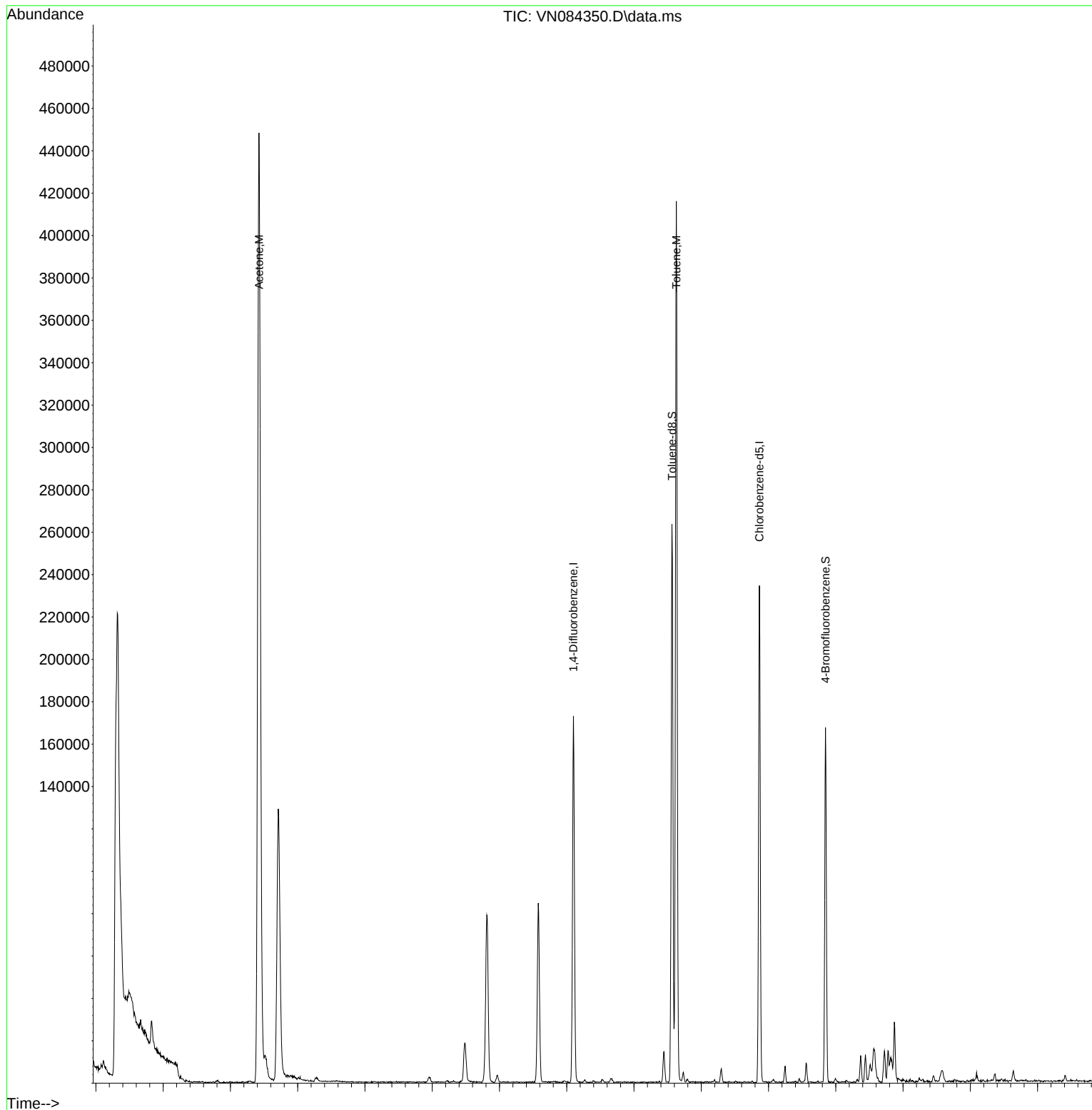
Internal Standards						
1) Bromochloromethane	7.812	128	27666	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	141573	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	132782	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	69132	31.038	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.467%
60) 4-Bromofluorobenzene	12.847	95	58382	26.641	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.800%
63) Toluene-d8	10.565	98	180120	29.281	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.600%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	266376	962.443	ug/l	88
25) Chloroform	7.971	83	3375	0.967	ug/l	89
30) 2-Butanone	7.483	43	31962	25.831	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	10647	4.304	ug/l #	93
62) Toluene	10.629	91	312986	40.264	ug/l	99
82) p-Isopropyltoluene	13.729	119	6514	0.993	ug/l	96
91) Naphthalene	15.641	128	5221	0.863	ug/l #	72

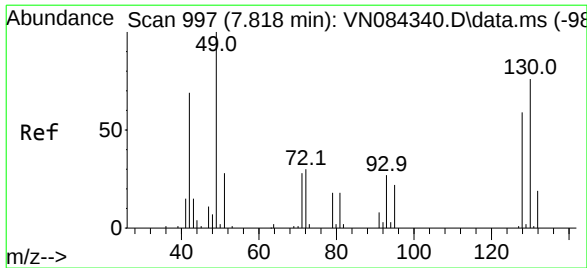
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:21:08 2024
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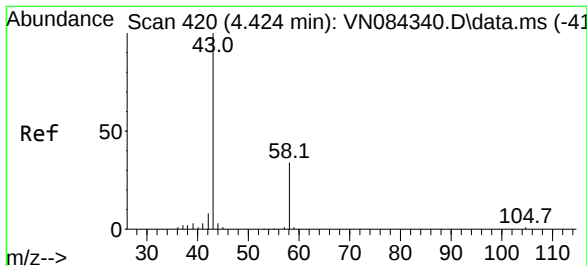
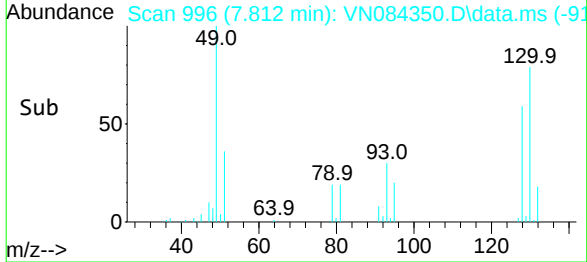
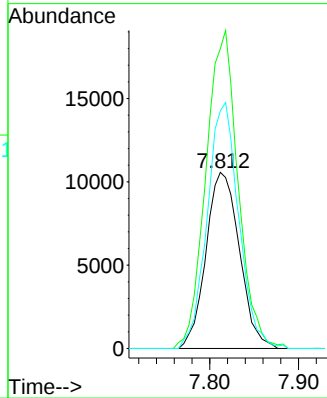
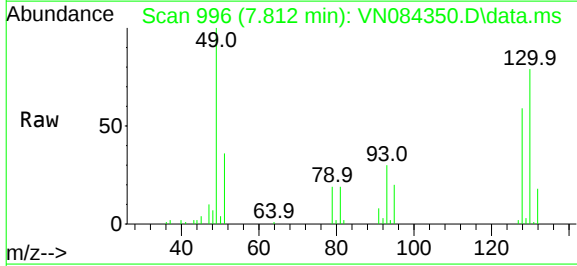




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN084350.D
Acq: 08 Oct 2024 15:41

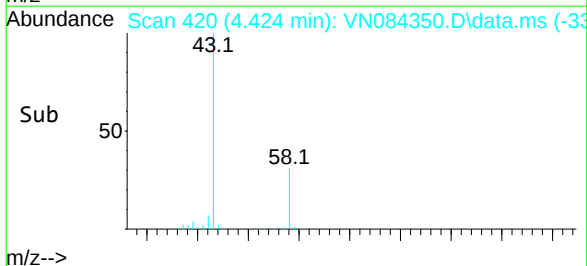
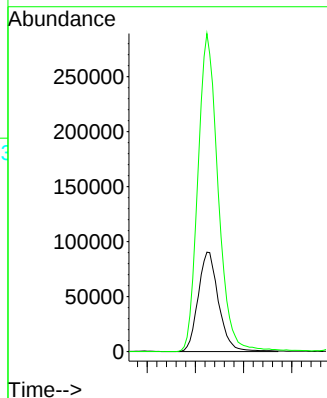
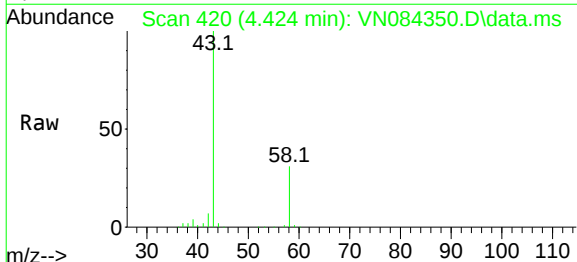
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(OCT)

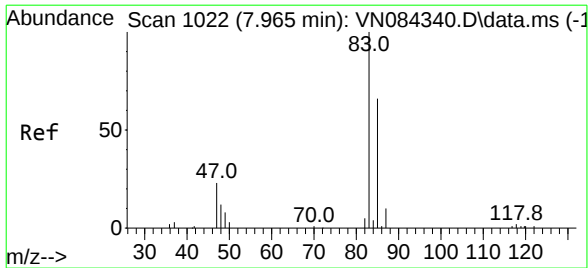
Tgt Ion	Ratio	Lower	Upper
128	100		
49	173.3	0.0	430.0
130	131.6	0.0	329.8



#15
Acetone
Concen: 962.443 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084350.D
Acq: 08 Oct 2024 15:41

Tgt Ion	Ratio	Lower	Upper
58	100		
43	319.6	237.5	356.3

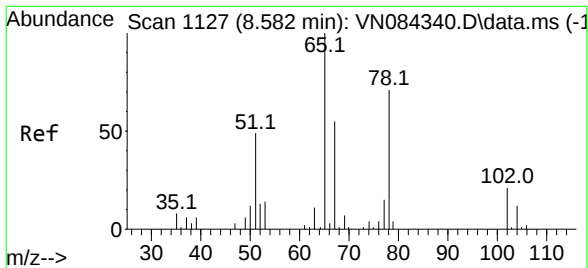
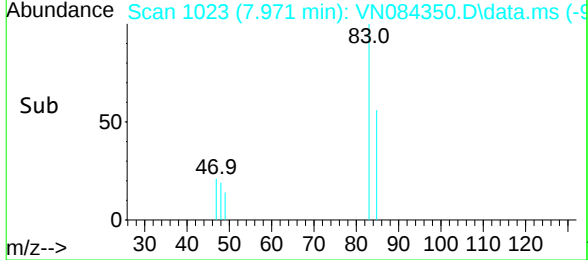
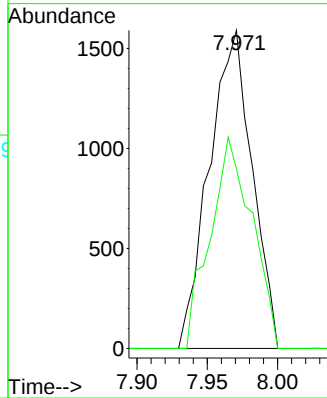
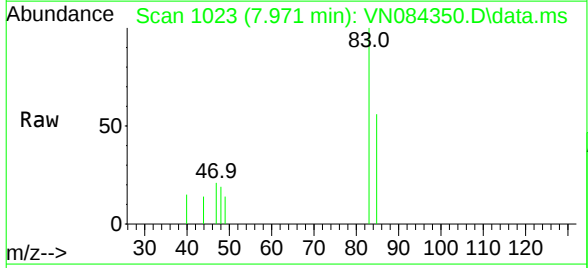




#25
 Chloroform
 Concen: 0.967 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. 0.006 min
 Lab File: VN084350.D
 Acq: 08 Oct 2024 15:41

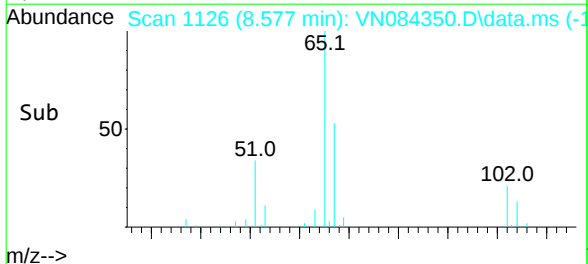
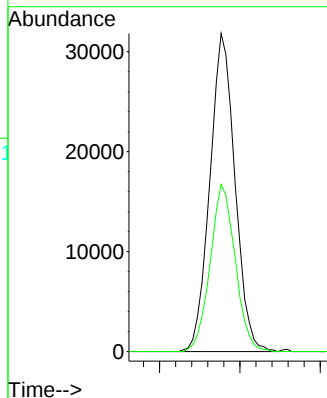
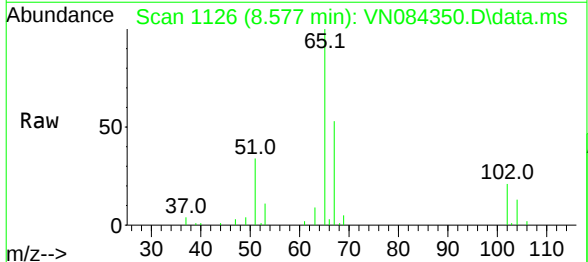
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(OCT)

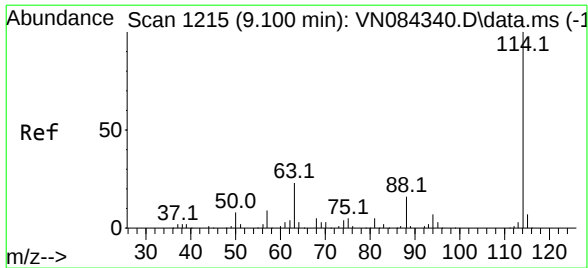
Tgt Ion:	83	Resp:	3375
Ion	Ratio	Lower	Upper
83	100		
85	56.5	52.4	78.6



#27
 1,2-Dichloroethane-d4
 Concen: 31.038 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084350.D
 Acq: 08 Oct 2024 15:41

Tgt Ion:	65	Resp:	69132
Ion	Ratio	Lower	Upper
65	100		
67	52.4	41.5	62.3

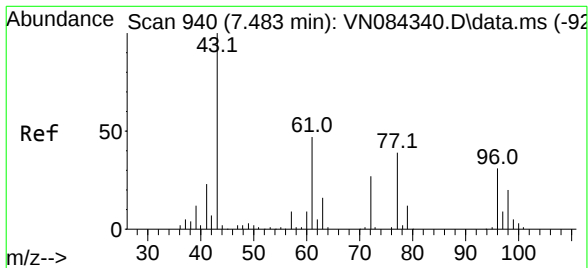
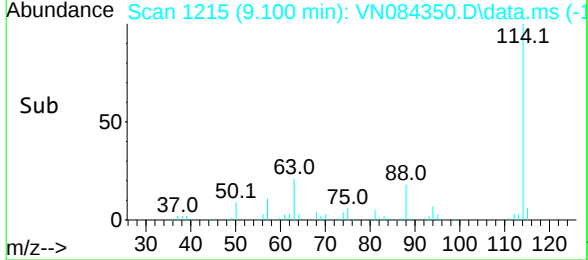
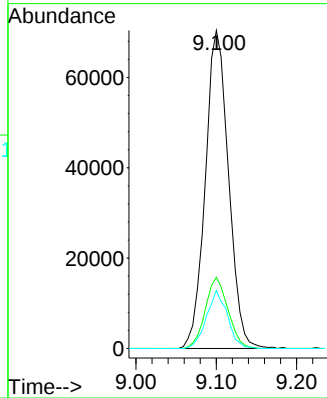
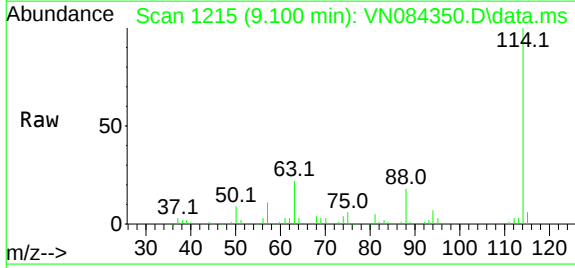




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084350.D
Acq: 08 Oct 2024 15:41

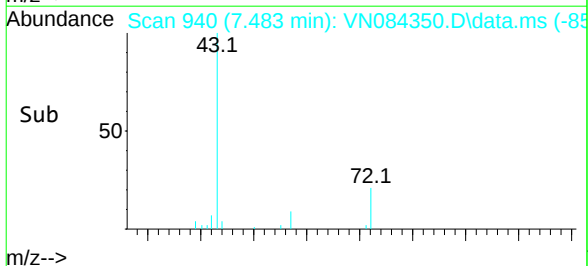
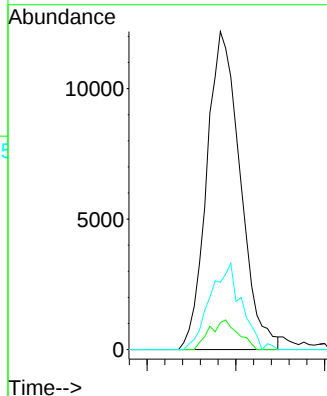
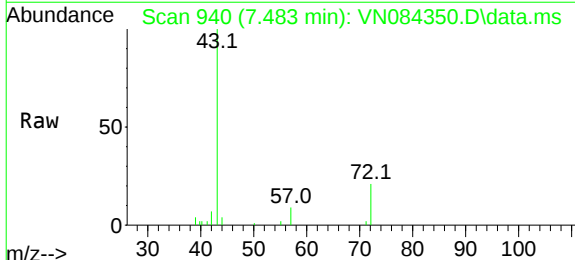
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(OCT)

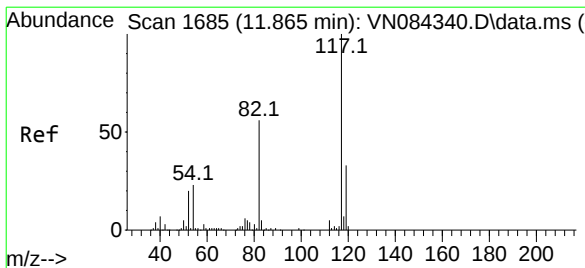
Tgt Ion:	114	Resp:	141573
Ion Ratio	Lower	Upper	
114	100		
63	21.8	17.4	26.0
88	16.5	13.2	19.8



#30
2-Butanone
Concen: 25.831 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084350.D
Acq: 08 Oct 2024 15:41

Tgt Ion:	43	Resp:	31962
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.6	9.8
72	25.1	21.3	31.9

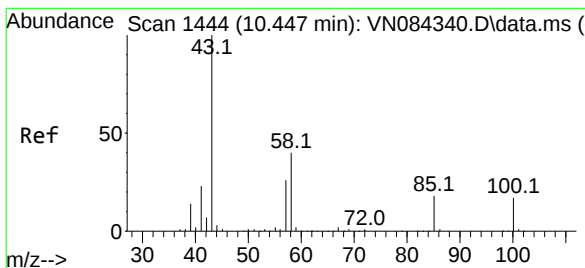
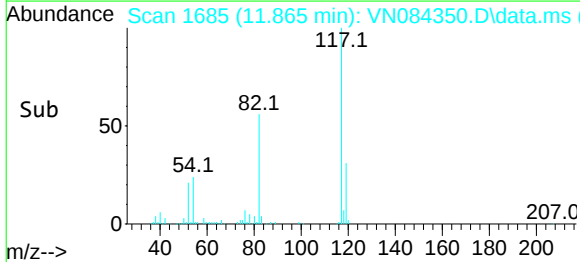
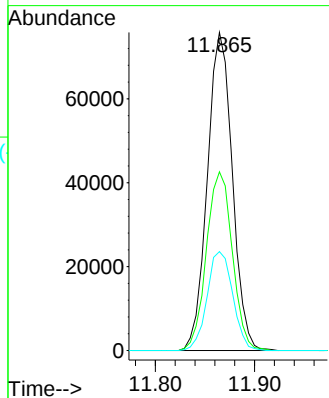
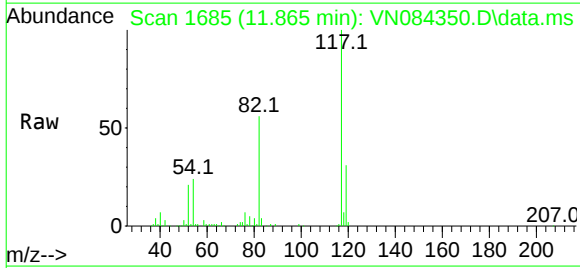




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084350.D
Acq: 08 Oct 2024 15:41

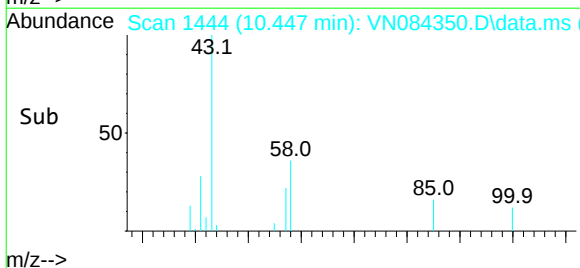
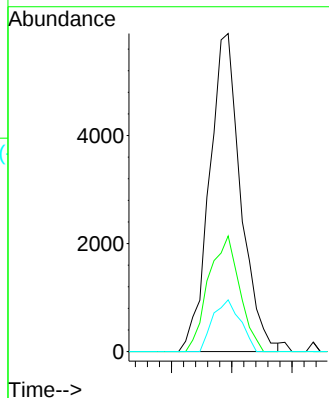
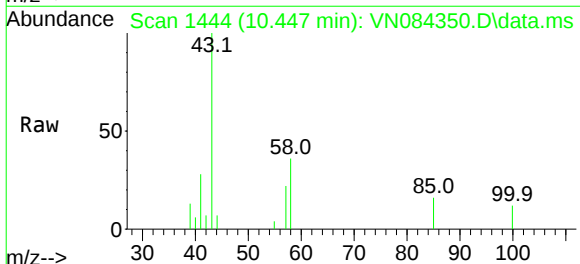
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001-WILLETS-PT-BLVD(OCT)

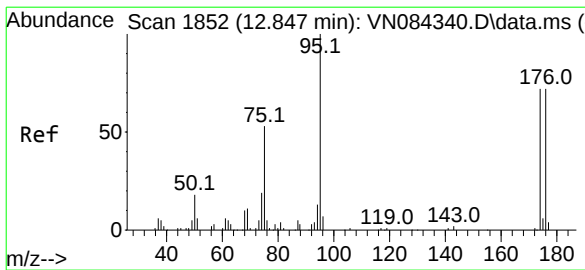
Tgt Ion: 117 Resp: 132782
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.9 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 4.304 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084350.D
Acq: 08 Oct 2024 15:41

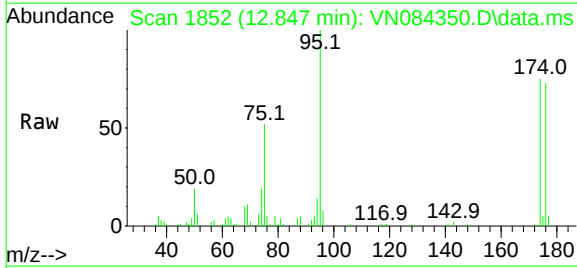
Tgt Ion: 43 Resp: 10647
Ion Ratio Lower Upper
43 100
58 36.0 31.9 47.9
85 14.2 14.6 22.0#



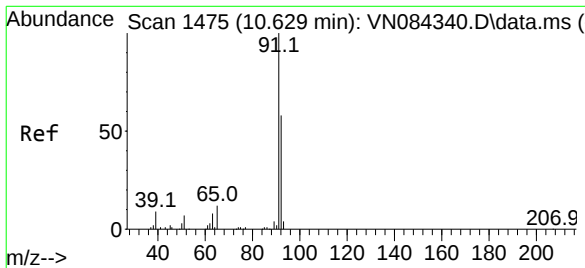
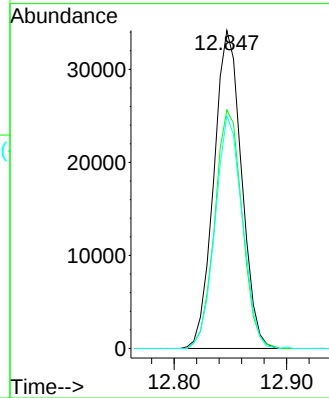
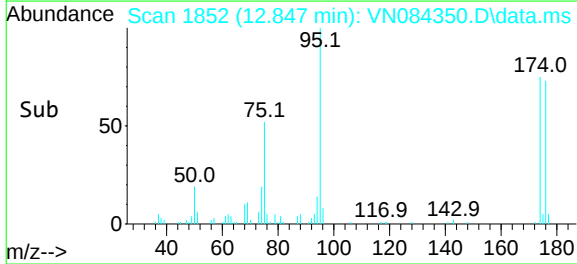


#60
4-Bromofluorobenzene
Concen: 26.641 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084350.D
Acq: 08 Oct 2024 15:41

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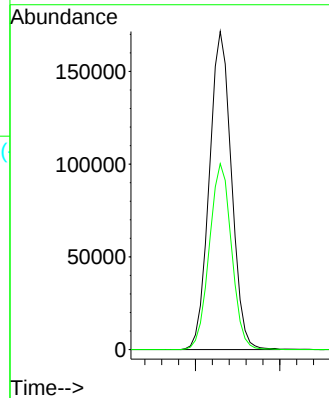
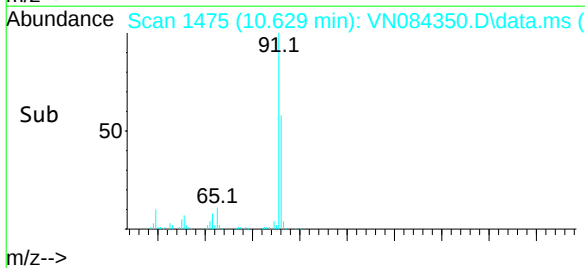
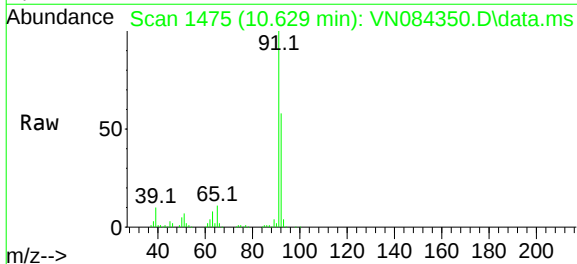


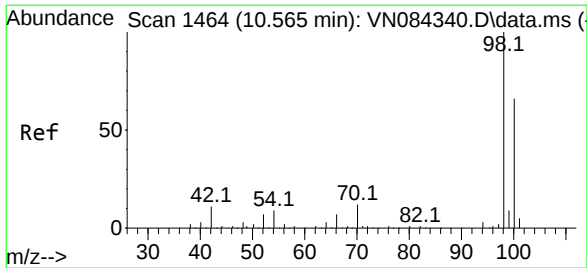
Tgt Ion: 95 Resp: 58382
Ion Ratio Lower Upper
95 100
174 74.3 58.2 87.2
176 72.1 56.4 84.6



#62
Toluene
Concen: 40.264 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084350.D
Acq: 08 Oct 2024 15:41

Tgt Ion: 91 Resp: 312986
Ion Ratio Lower Upper
91 100
92 58.6 47.2 70.8





#63

Toluene-d8

Concen: 29.281 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084350.D

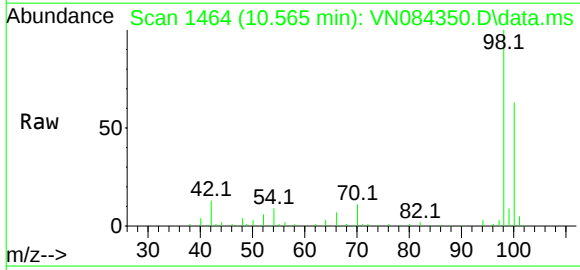
Acq: 08 Oct 2024 15:41

Instrument :

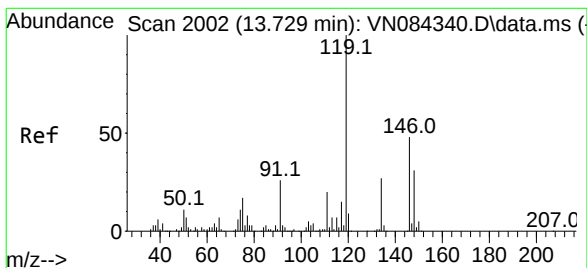
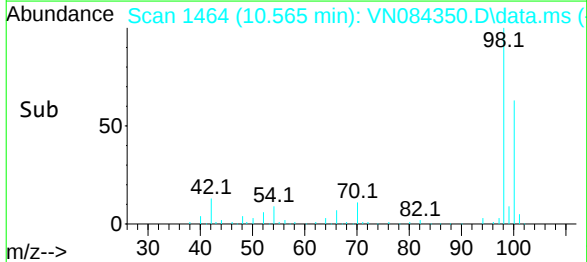
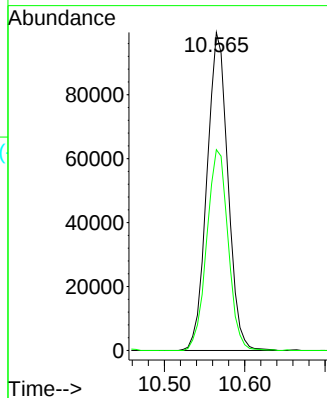
MSVOA_N

ClientSampleId :

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Tgt Ion:	98	Resp:	180120
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.5	78.7



#82

p-Isopropyltoluene

Concen: 0.993 ug/l

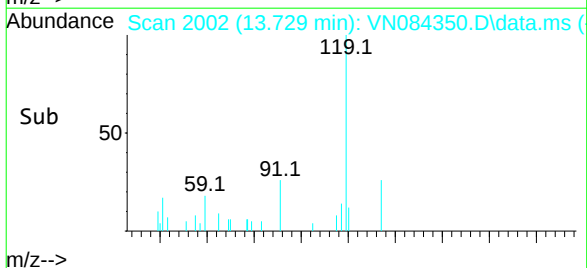
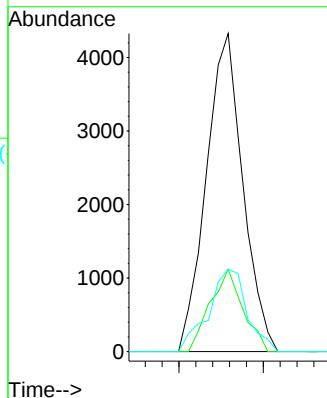
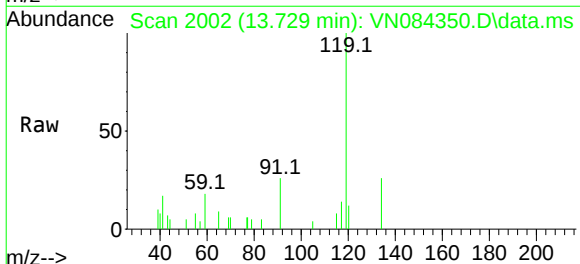
RT: 13.729 min Scan# 2002

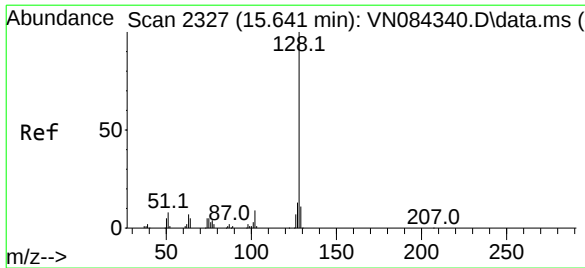
Delta R.T. -0.000 min

Lab File: VN084350.D

Acq: 08 Oct 2024 15:41

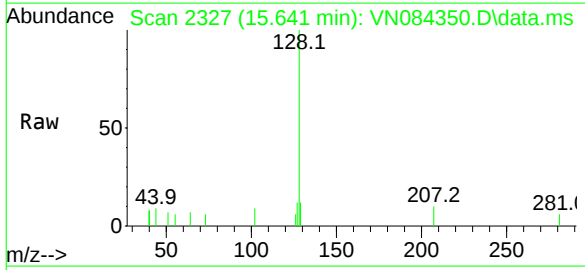
Tgt Ion:	119	Resp:	6514
Ion	Ratio	Lower	Upper
119	100		
134	23.2	0.0	50.2
91	27.3	0.0	50.6





#91
Naphthalene
Concen: 0.863 ug/l
RT: 15.641 min Scan# 23
Delta R.T. -0.000 min
Lab File: VN084350.D
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Tgt Ion:	128	Resp:	5221
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	2.5	8.8	13.2#

