

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102324\
 Data File : VN084473.D
 Acq On : 23 Oct 2024 15:26
 Operator : JC\MD
 Sample : P4464-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 23 15:48:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

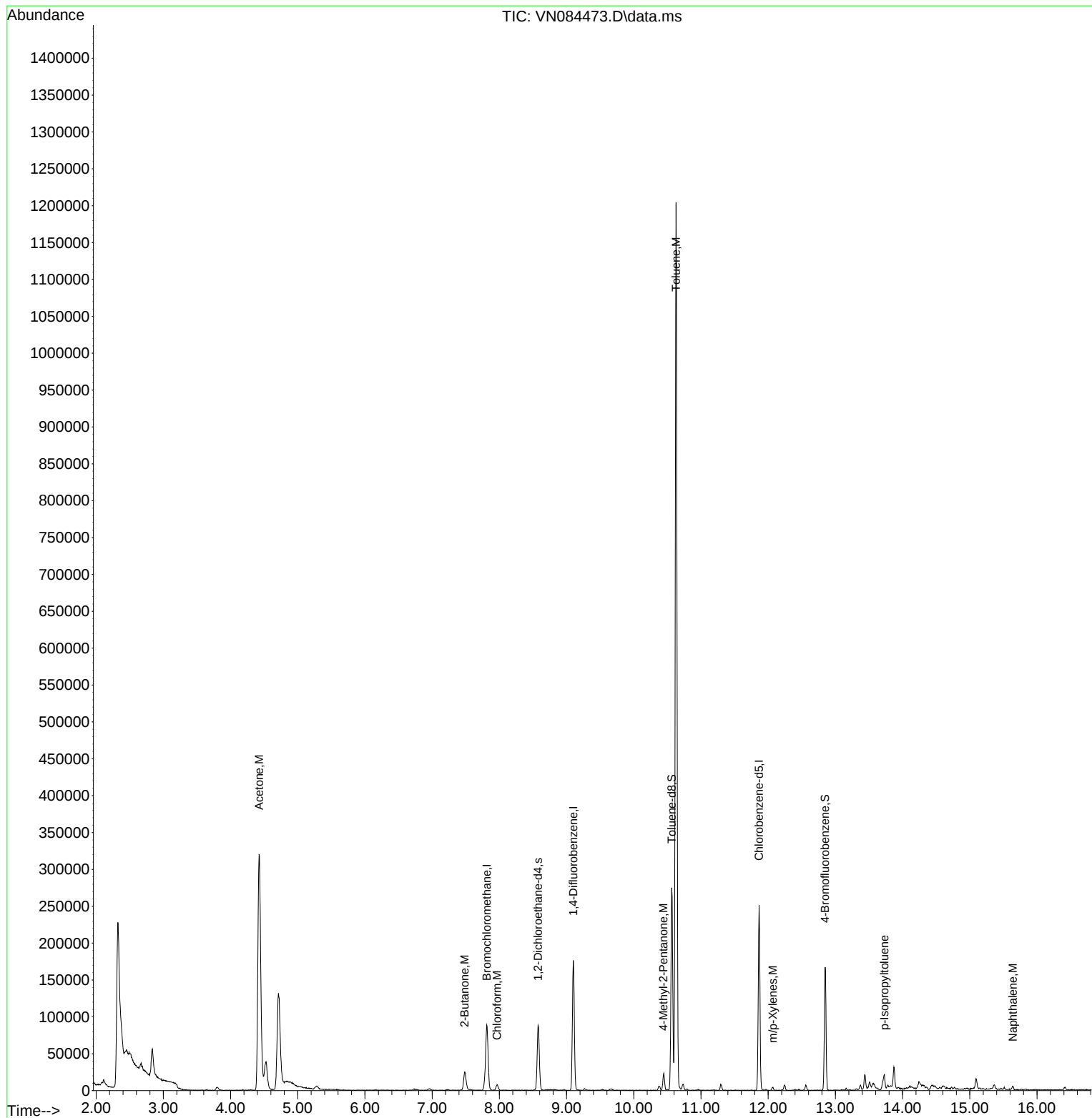
Internal Standards						
1) Bromochloromethane	7.812	128	30612	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	143930	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	140820	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74713	30.315	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.067%
60) 4-Bromofluorobenzene	12.847	95	59657	25.669	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.567%
63) Toluene-d8	10.565	98	189009	28.973	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.567%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	195025	636.832	ug/l	93
25) Chloroform	7.965	83	7599	1.968	ug/l	84
30) 2-Butanone	7.483	43	40993	32.587	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	16207	6.178	ug/l	95
62) Toluene	10.629	91	911396	110.554	ug/l	98
67) m/p-Xylenes	12.070	106	1380	0.406	ug/l	98
82) p-Isopropyltoluene	13.729	119	9378	1.348	ug/l	98
91) Naphthalene	15.641	128	4984	0.777	ug/l	96

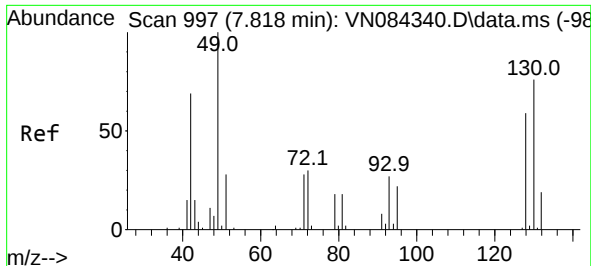
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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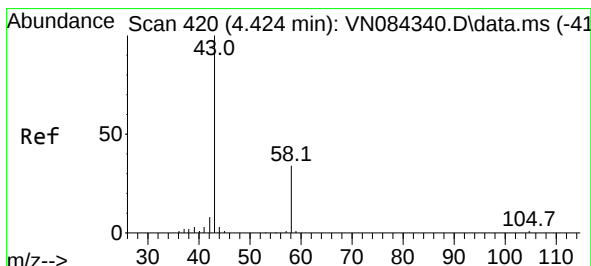
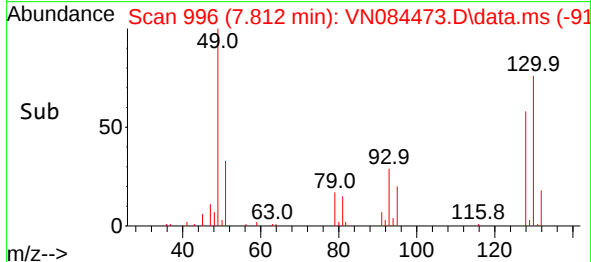
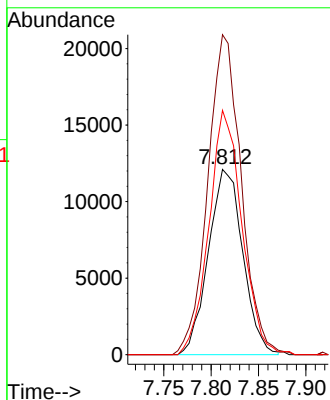
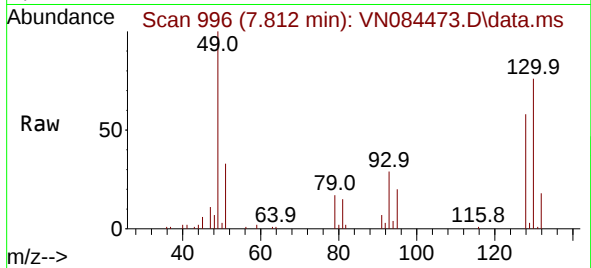




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

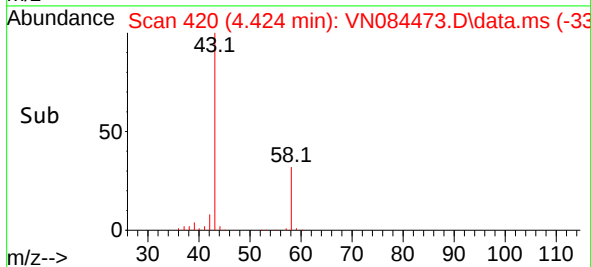
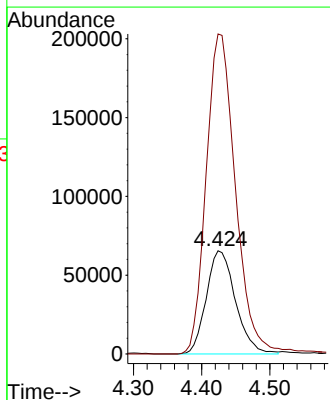
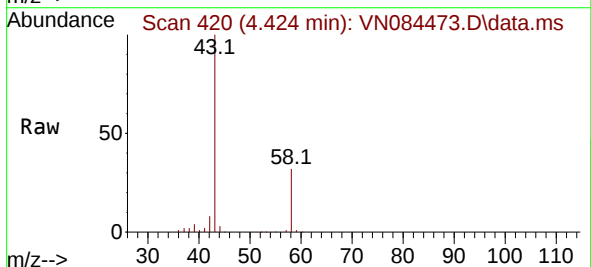
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

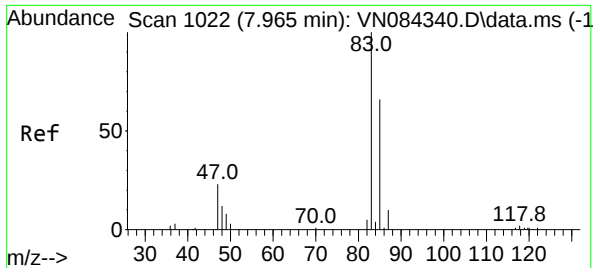
Tgt Ion:128 Resp: 30612
Ion Ratio Lower Upper
128 100
49 167.8 0.0 430.0
130 126.4 0.0 329.8



#15
Acetone
Concen: 636.832 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

Tgt Ion: 58 Resp: 195025
Ion Ratio Lower Upper
58 100
43 310.3 237.5 356.3

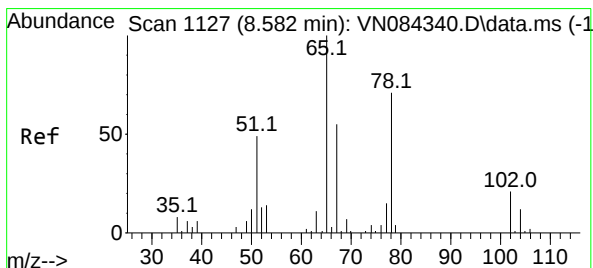
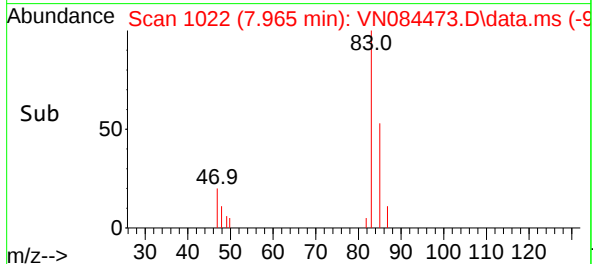
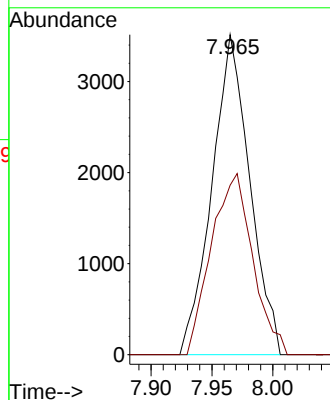
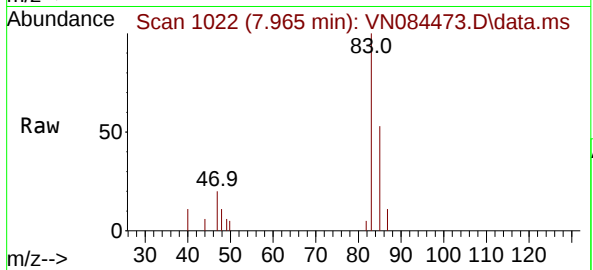




#25
Chloroform
Concen: 1.968 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

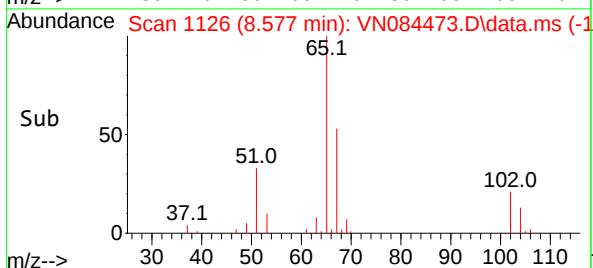
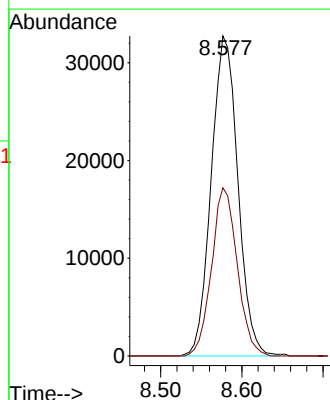
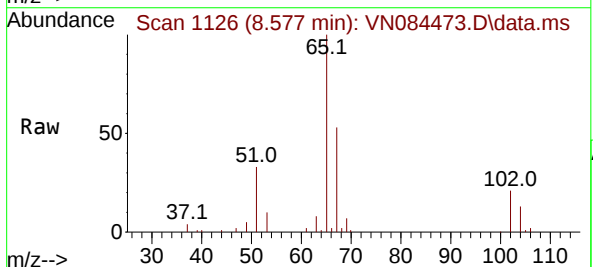
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

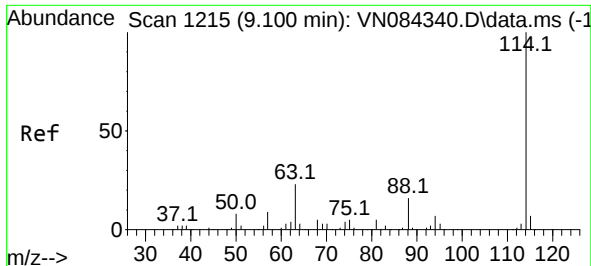
Tgt Ion: 83 Resp: 7599
Ion Ratio Lower Upper
83 100
85 53.0 52.4 78.6



#27
1,2-Dichloroethane-d4
Concen: 30.315 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

Tgt Ion: 65 Resp: 74713
Ion Ratio Lower Upper
65 100
67 50.6 41.5 62.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN084473.D

Acq: 23 Oct 2024 15:26

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(SEP)

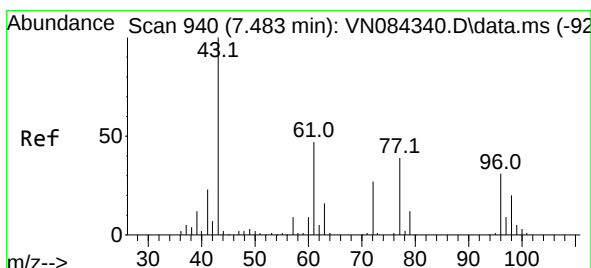
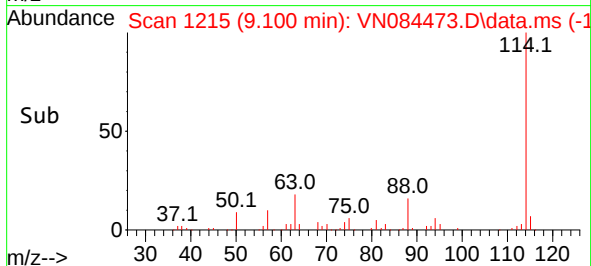
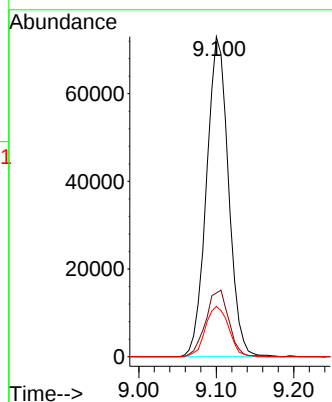
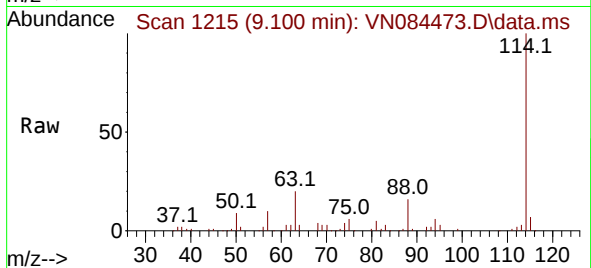
Tgt Ion:114 Resp: 143930

Ion Ratio Lower Upper

114 100

63 21.9 17.4 26.0

88 16.6 13.2 19.8



#30

2-Butanone

Concen: 32.587 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084473.D

Acq: 23 Oct 2024 15:26

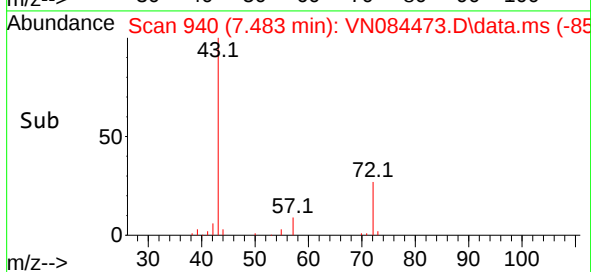
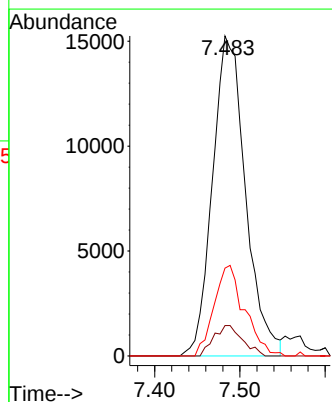
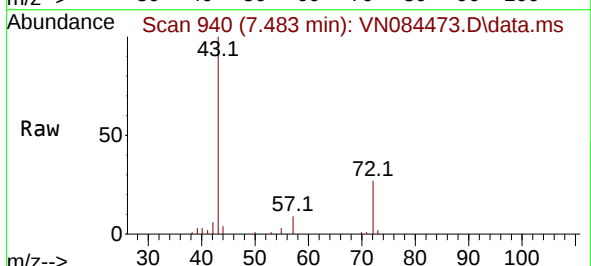
Tgt Ion: 43 Resp: 40993

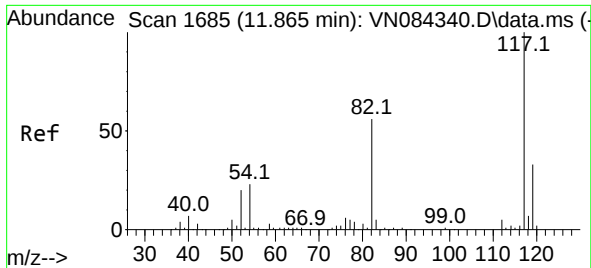
Ion Ratio Lower Upper

43 100

57 8.3 6.6 9.8

72 26.0 21.3 31.9

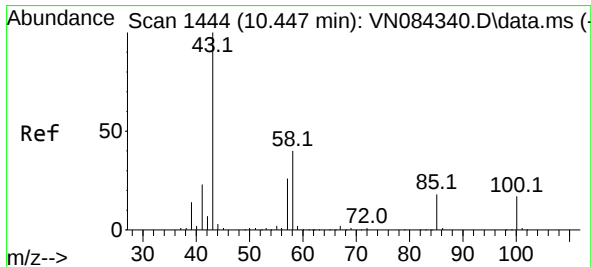
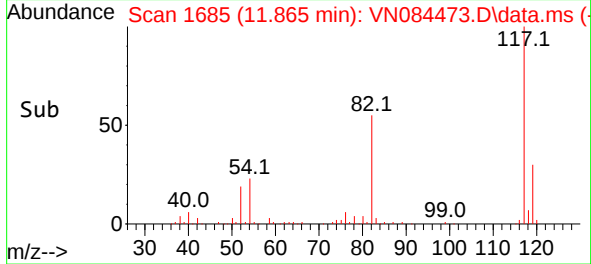
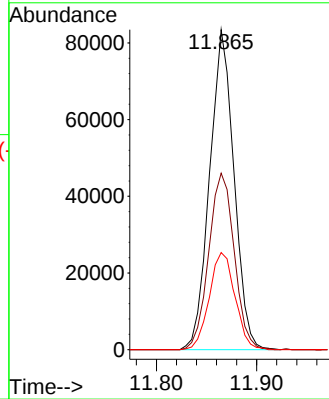
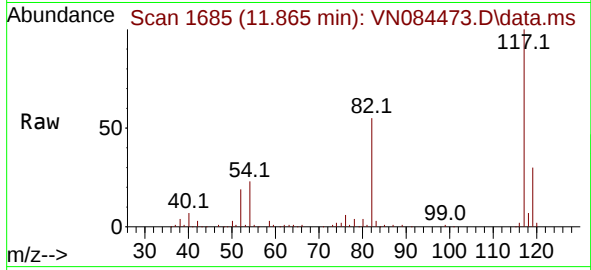




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

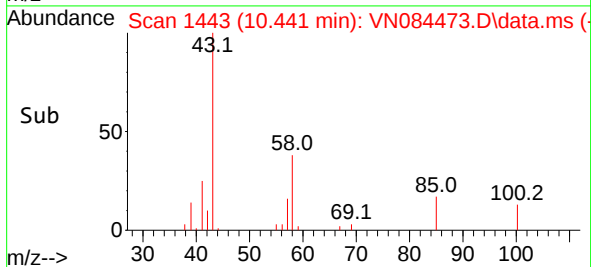
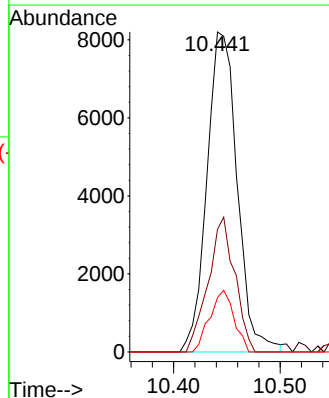
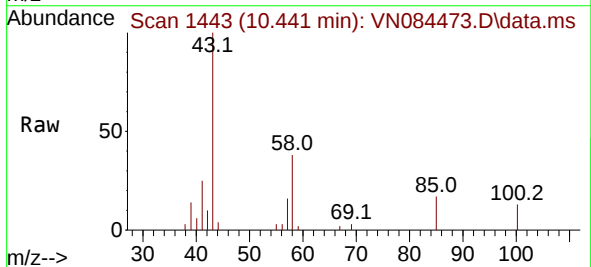
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

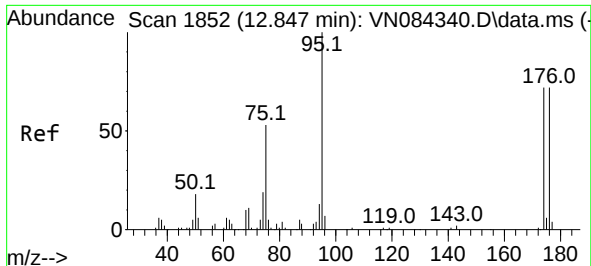
Tgt Ion:117 Resp: 140820
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.1 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 6.178 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

Tgt Ion: 43 Resp: 16207
Ion Ratio Lower Upper
43 100
58 36.9 31.9 47.9
85 15.4 14.6 22.0

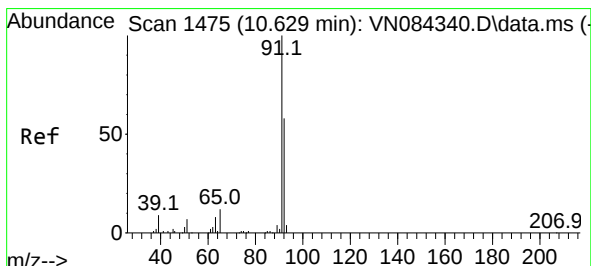
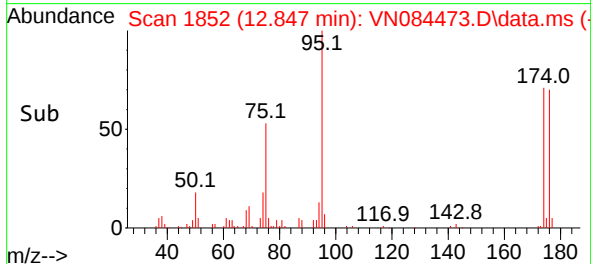
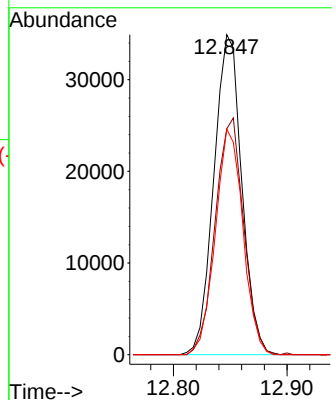
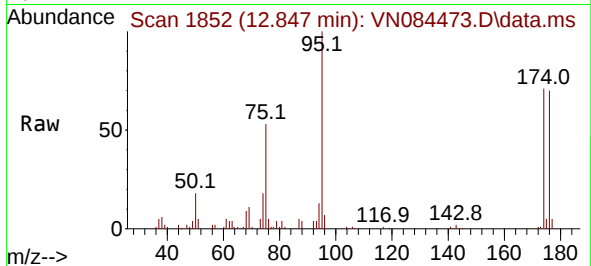




#60
4-Bromofluorobenzene
Concen: 25.669 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

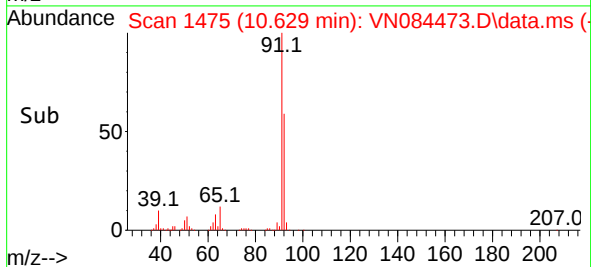
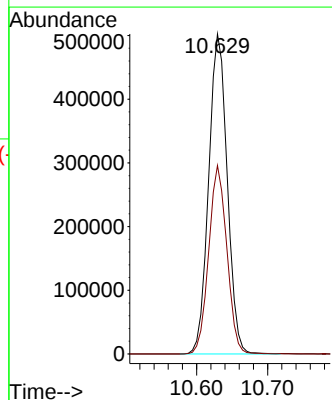
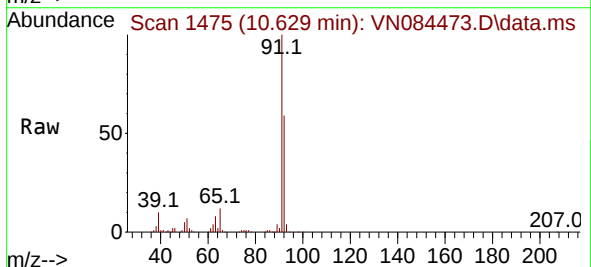
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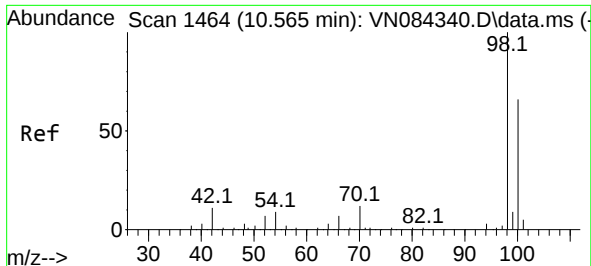
Tgt Ion: 95 Resp: 59657
Ion Ratio Lower Upper
95 100
174 75.2 58.2 87.2
176 69.8 56.4 84.6



#62
Toluene
Concen: 110.554 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

Tgt Ion: 91 Resp: 911396
Ion Ratio Lower Upper
91 100
92 57.5 47.2 70.8

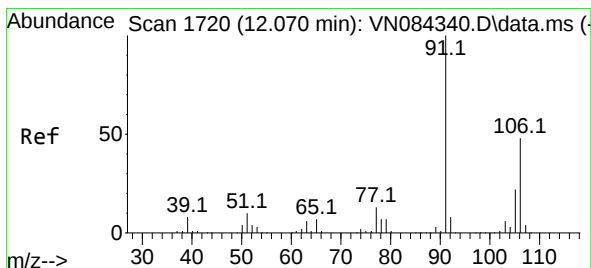
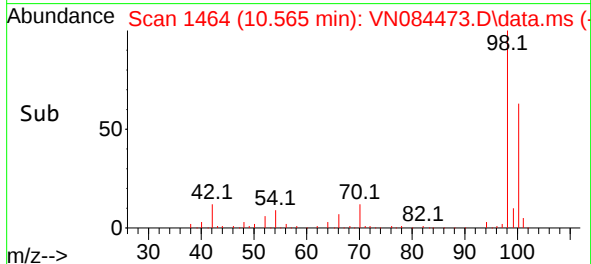
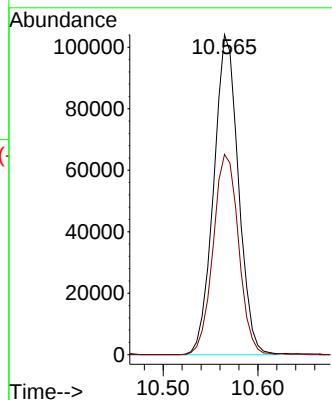
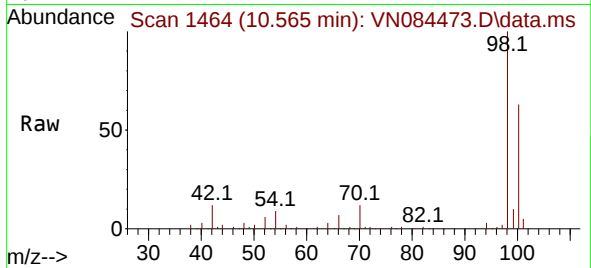




#63
Toluene-d8
Concen: 28.973 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

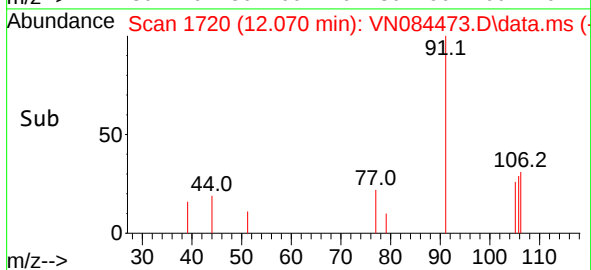
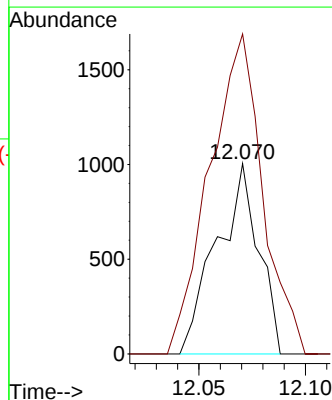
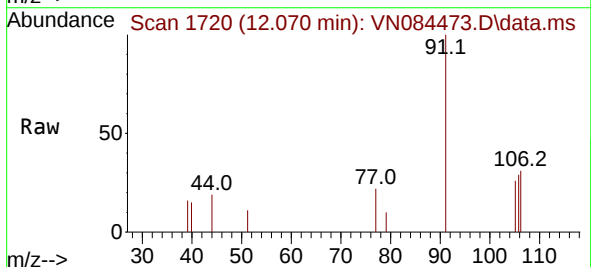
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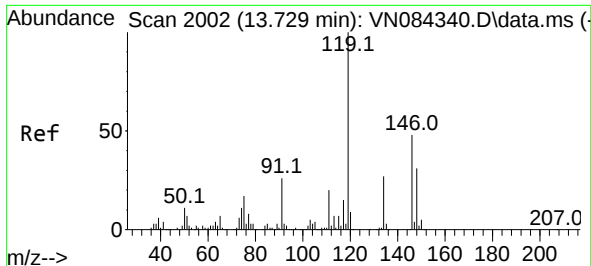
Tgt Ion: 98 Resp: 189009
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#67
m/p-Xylenes
Concen: 0.406 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

Tgt Ion:106 Resp: 1380
Ion Ratio Lower Upper
106 100
91 211.5 166.7 250.1

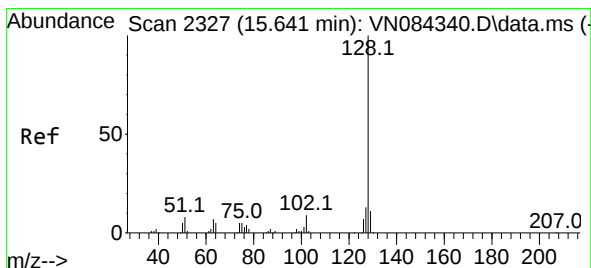
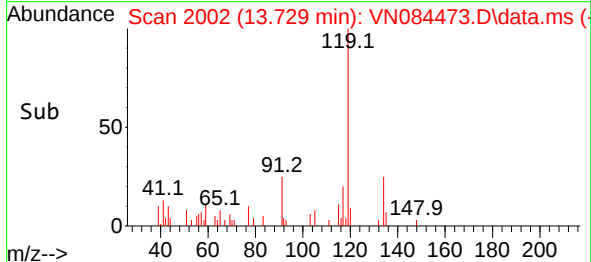
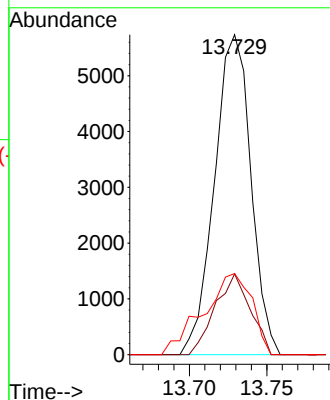
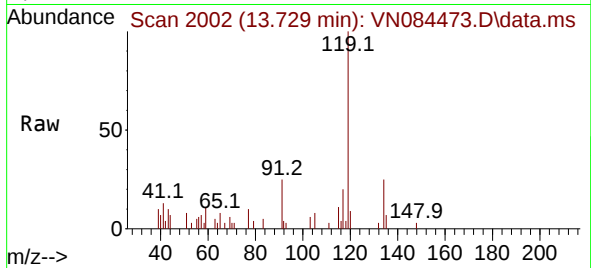




#82
p-Isopropyltoluene
Concen: 1.348 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

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Tgt Ion:	119	Resp:	9378
Ion	Ratio	Lower	Upper
119	100		
134	24.3	0.0	50.2
91	26.9	0.0	50.6



#91
Naphthalene
Concen: 0.777 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084473.D
Acq: 23 Oct 2024 15:26

Tgt Ion:	128	Resp:	4984
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	9.7	8.8	13.2

