

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083534.D
 Acq On : 28 Aug 2024 14:30
 Operator : JC\MD
 Sample : P3759-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 28 15:37:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

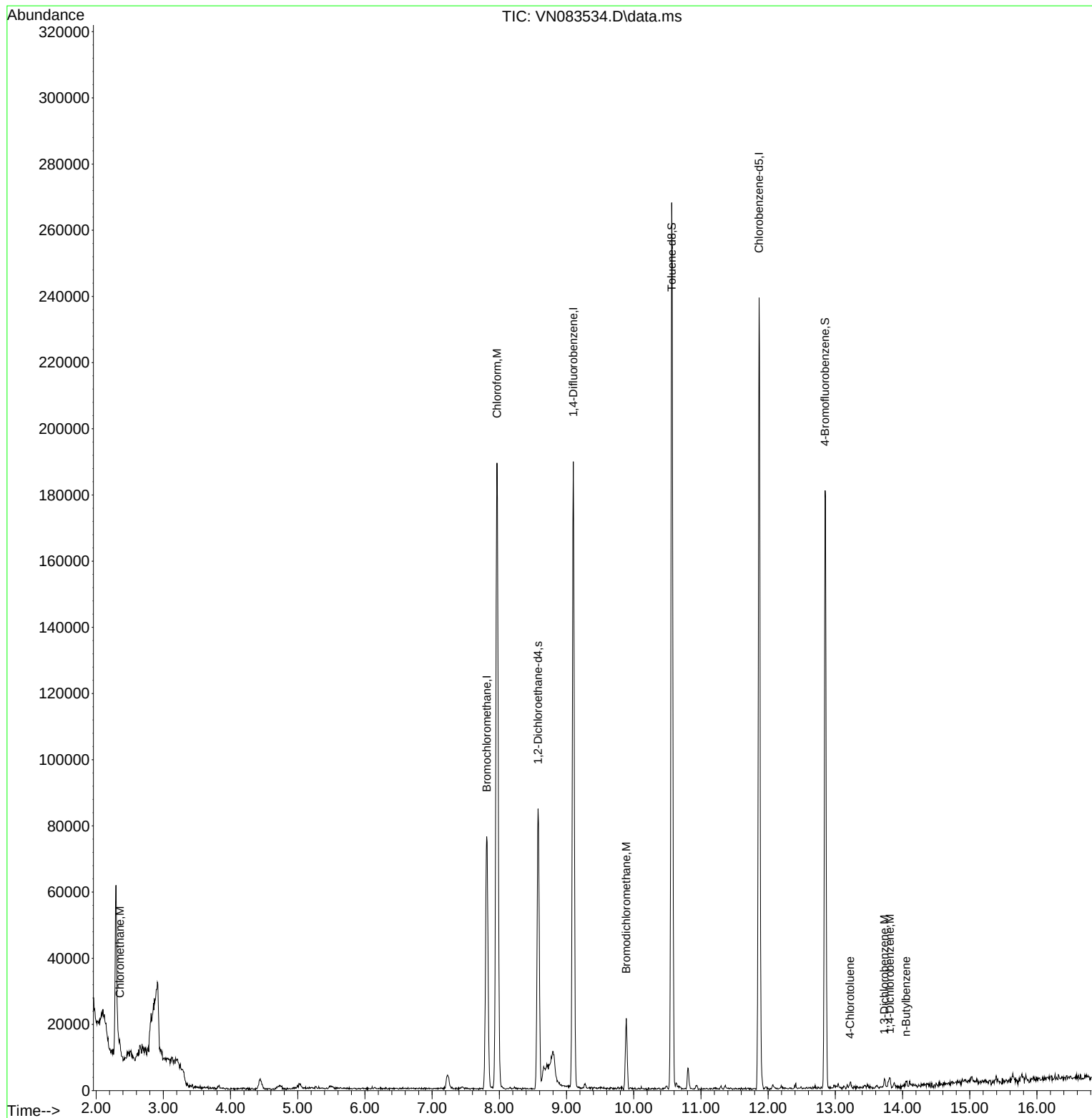
Internal Standards						
1) Bromochloromethane	7.812	128	26514	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	154836	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	131583	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73589	30.879	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.933%
60) 4-Bromofluorobenzene	12.847	95	65938	28.305	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.367%
63) Toluene-d8	10.565	98	181667	29.906	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	1260	0.688	ug/l	# 73
25) Chloroform	7.965	83	185174	51.832	ug/l	97
41) Bromodichloromethane	9.888	83	13502	4.856	ug/l	97
78) 4-Chlorotoluene	13.218	91	1314	0.216	ug/l	68
83) 1,3-Dichlorobenzene	13.729	146	1187	0.325	ug/l	81
84) 1,4-Dichlorobenzene	13.812	146	1042	0.284	ug/l	91
85) n-Butylbenzene	14.053	91	1282	0.206	ug/l	81

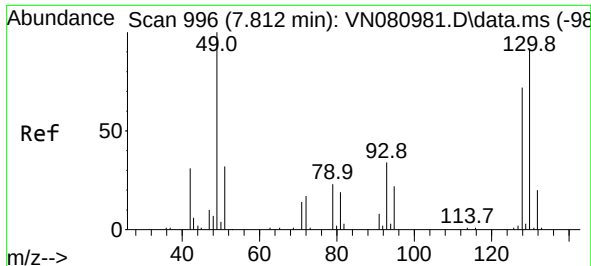
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 28 12:23:16 2024
Response via : Initial Calibration

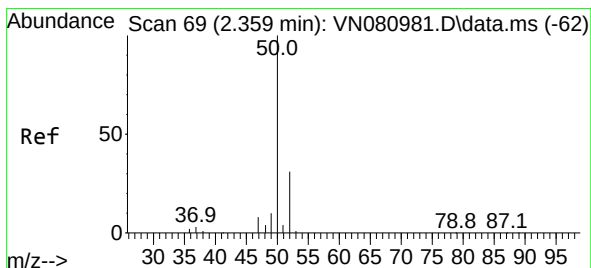
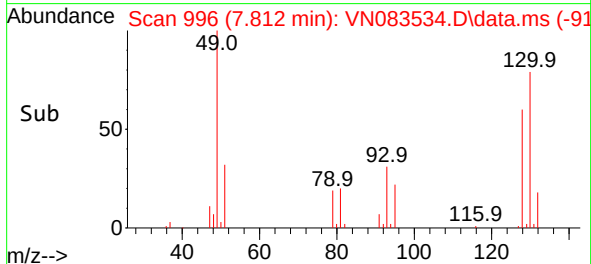
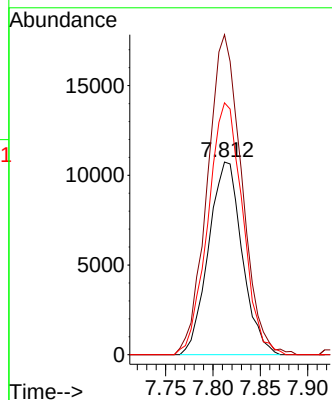
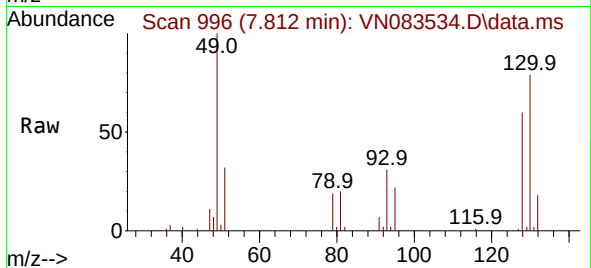




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

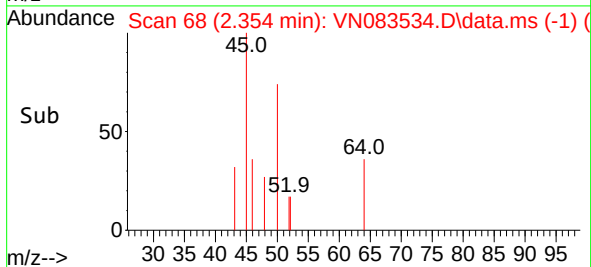
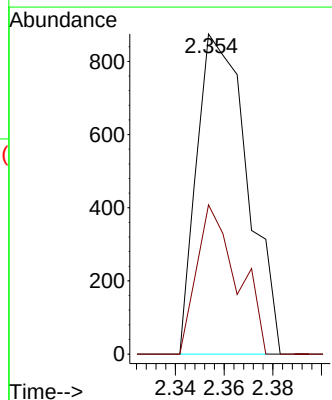
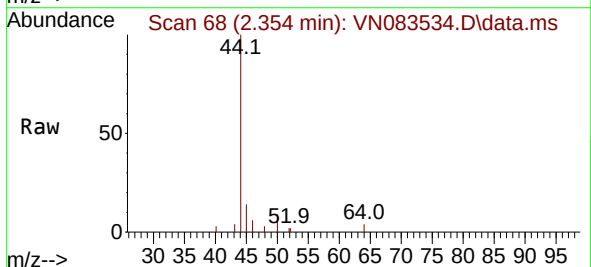
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

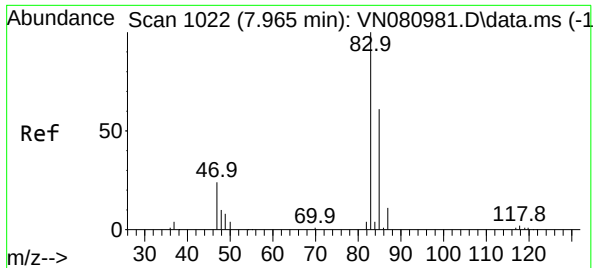
Tgt Ion:	128	Resp:	26514
Ion	Ratio	Lower	Upper
128	100		
49	169.6	0.0	403.7
130	135.0	0.0	323.3



#3
Chloromethane
Concen: 0.688 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

Tgt Ion:	50	Resp:	1260
Ion	Ratio	Lower	Upper
50	100		
52	46.6	25.4	38.0

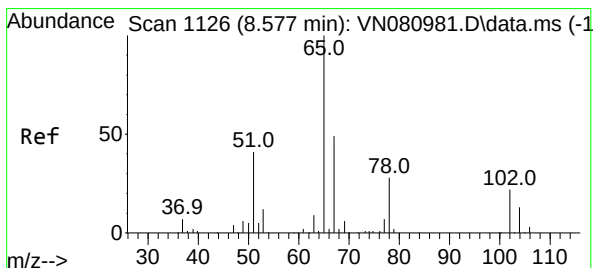
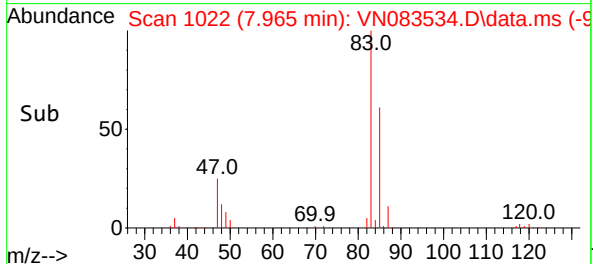
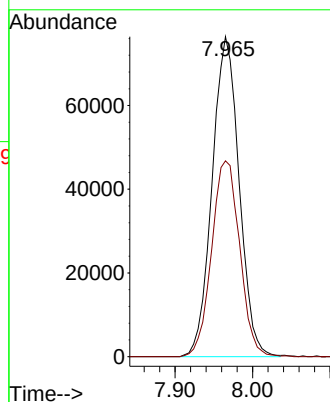
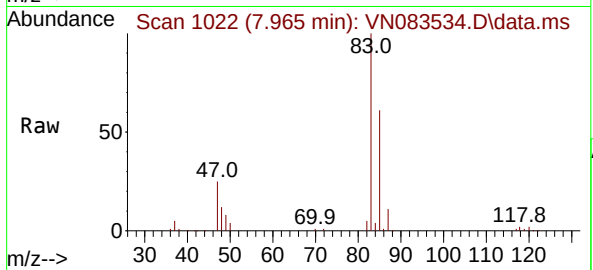




#25
Chloroform
Concen: 51.832 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

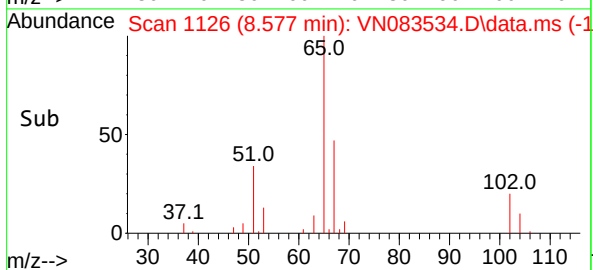
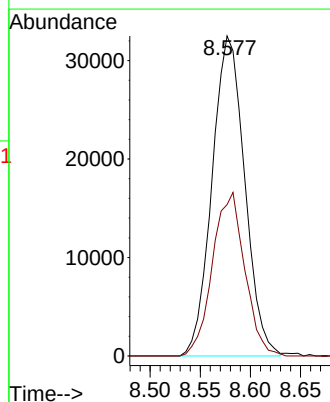
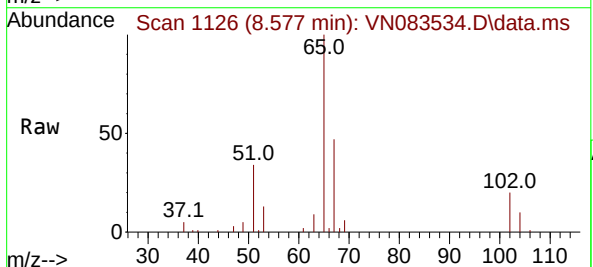
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

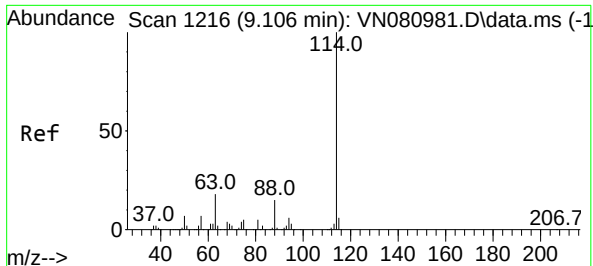
Tgt Ion: 83 Resp: 185174
Ion Ratio Lower Upper
83 100
85 61.2 50.9 76.3



#27
1,2-Dichloroethane-d4
Concen: 30.879 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

Tgt Ion: 65 Resp: 73589
Ion Ratio Lower Upper
65 100
67 50.4 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.006 min

Lab File: VN083534.D

Acq: 28 Aug 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)

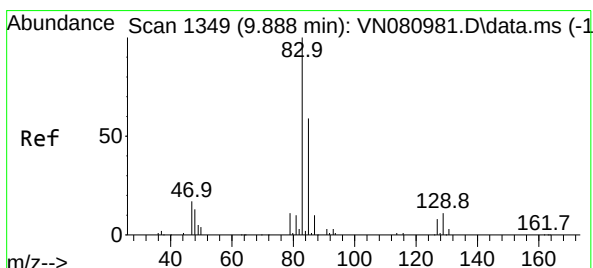
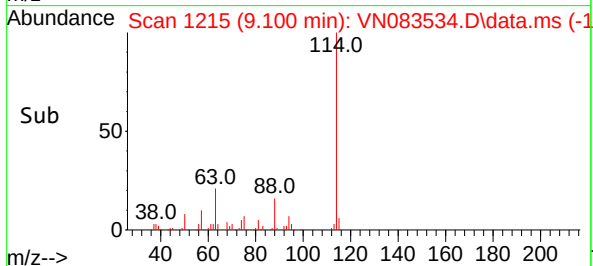
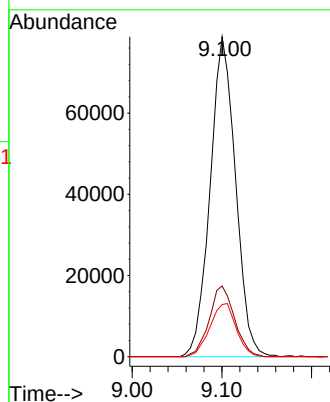
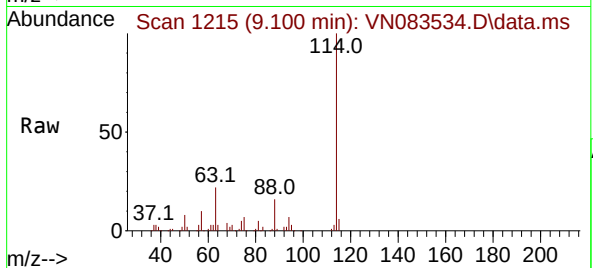
Tgt Ion:114 Resp: 154836

Ion Ratio Lower Upper

114 100

63 22.1 15.9 23.9

88 17.2 12.7 19.1



#41

Bromodichloromethane

Concen: 4.856 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083534.D

Acq: 28 Aug 2024 14:30

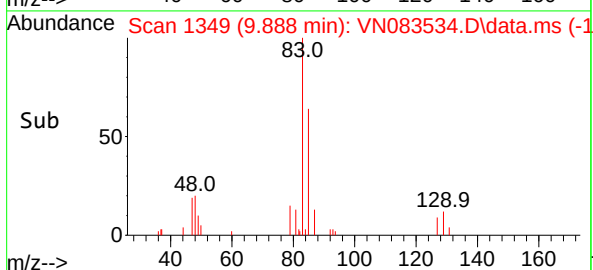
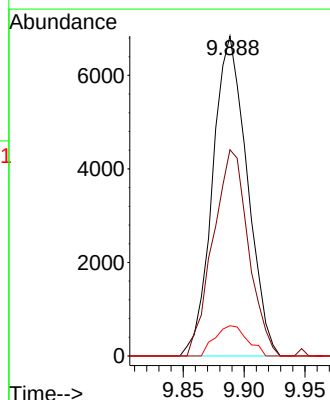
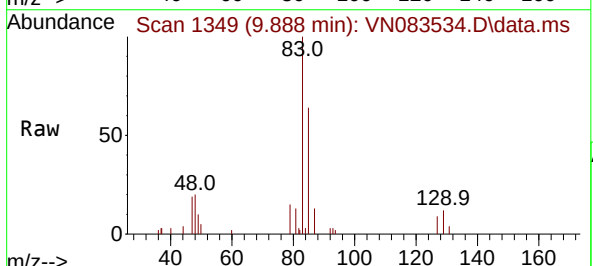
Tgt Ion: 83 Resp: 13502

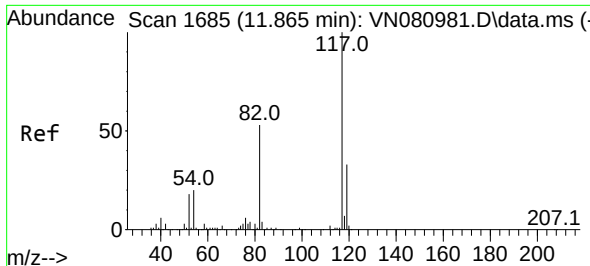
Ion Ratio Lower Upper

83 100

85 64.5 49.4 74.2

127 9.5 7.3 10.9

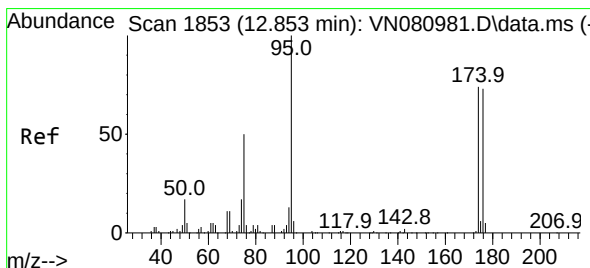
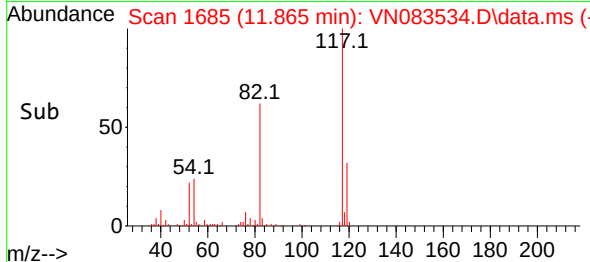
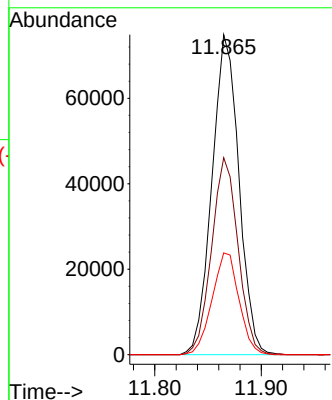
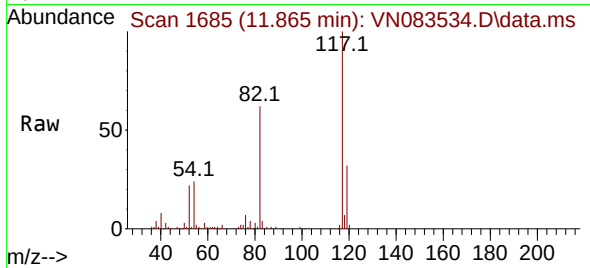




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

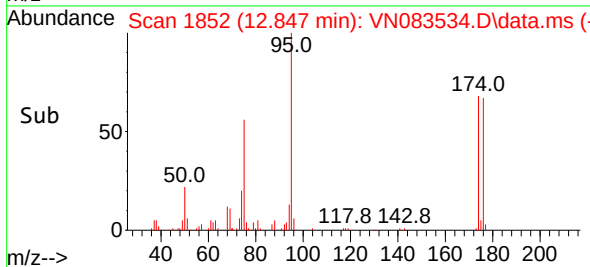
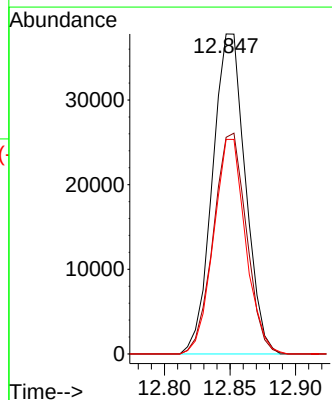
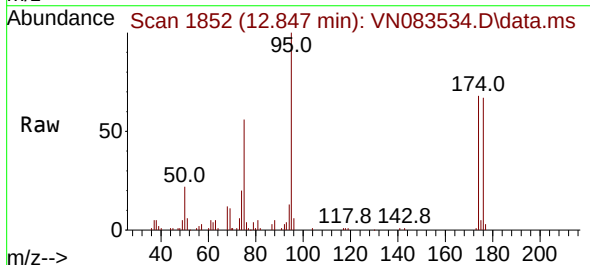
Instrument :
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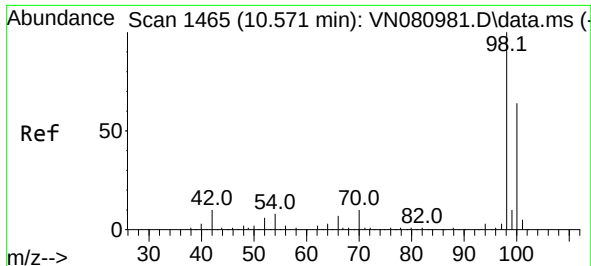
Tgt Ion:117 Resp: 131583
Ion Ratio Lower Upper
117 100
82 60.3 46.6 69.8
119 31.8 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 28.305 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

Tgt Ion: 95 Resp: 65938
Ion Ratio Lower Upper
95 100
174 69.1 60.5 90.7
176 65.5 57.8 86.6

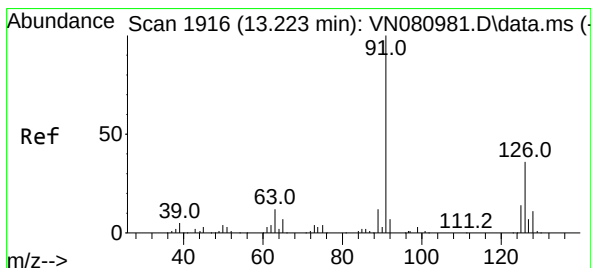
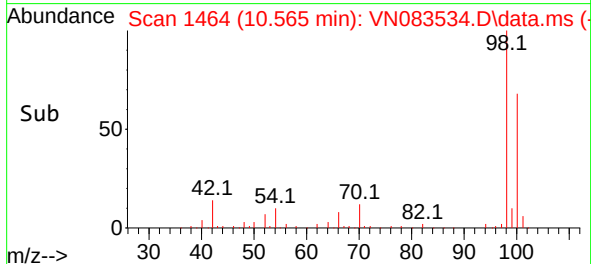
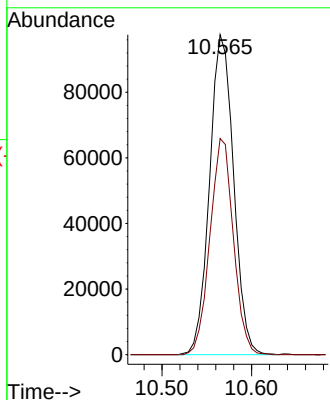
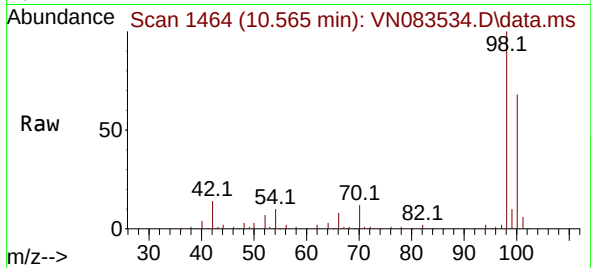




#63
Toluene-d8
Concen: 29.906 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

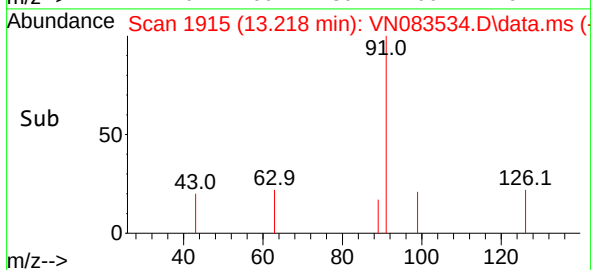
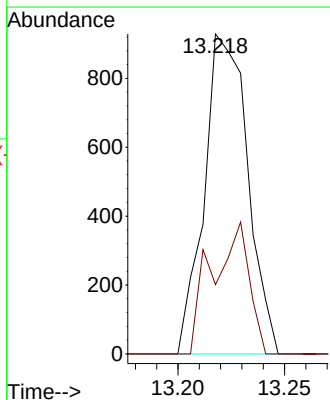
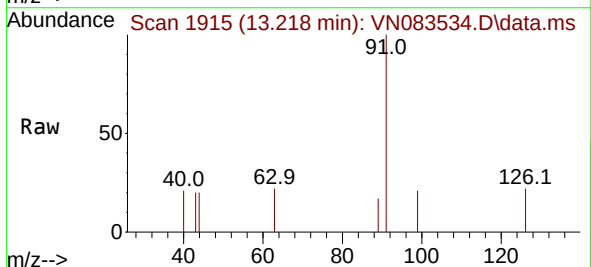
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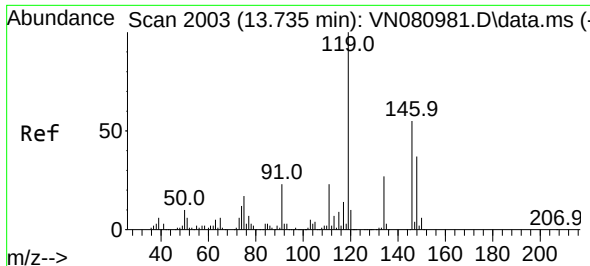
Tgt Ion: 98 Resp: 181667
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#78
4-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

Tgt Ion: 91 Resp: 1314
Ion Ratio Lower Upper
91 100
126 13.5 0.0 62.8

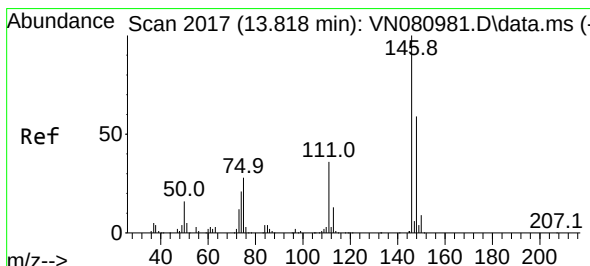
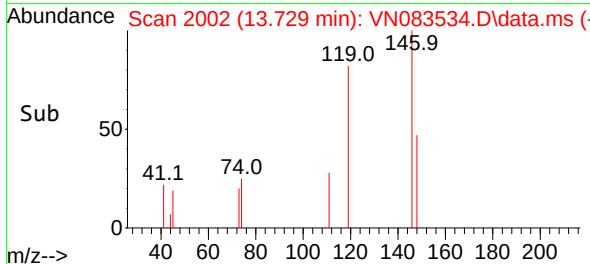
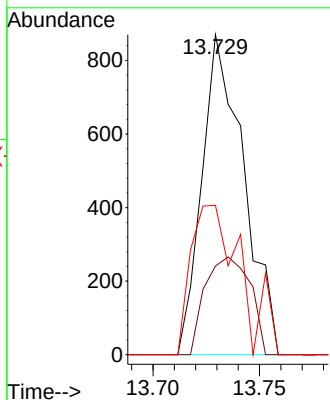
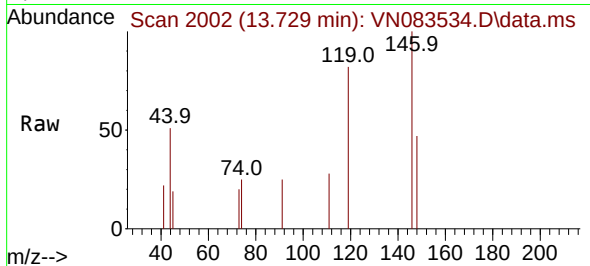




#83
1,3-Dichlorobenzene
Concen: 0.325 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

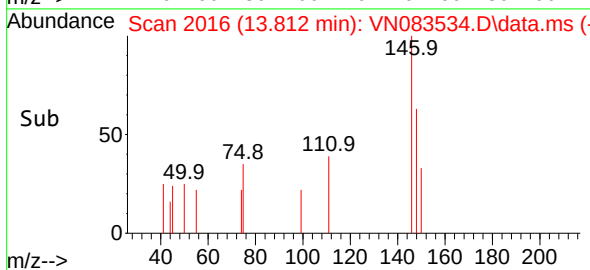
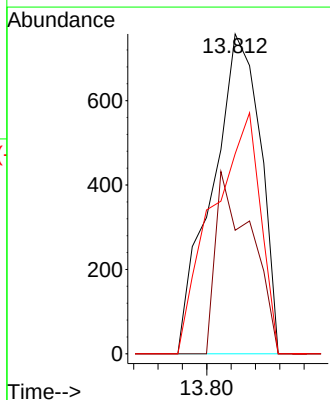
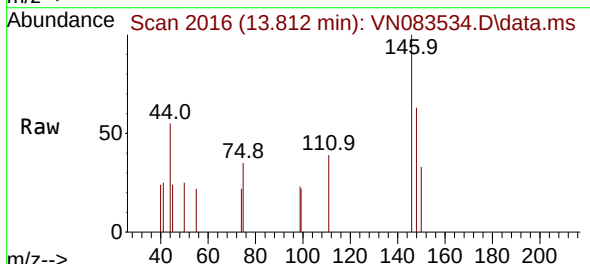
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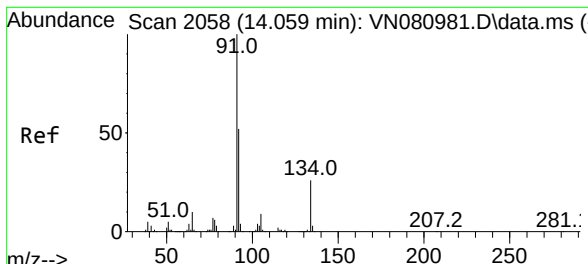
Tgt Ion:146 Resp: 1187
Ion Ratio Lower Upper
146 100
111 32.9 22.4 67.0
148 49.5 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 0.284 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN083534.D
Acq: 28 Aug 2024 14:30

Tgt Ion:146 Resp: 1042
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.9
148 74.7 31.9 95.5





#85
 n-Butylbenzene
 Concen: 0.206 ug/l
 RT: 14.053 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN083534.D
 Acq: 28 Aug 2024 14:30

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

Tgt Ion: 91	Resp:	1282
Ion	Ratio	Lower Upper
91	100	
92	61.1	0.0 105.0
134	9.8	0.0 51.8

