

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076899.D
 Acq On : 09 Mar 2023 13:40
 Operator : JC\MD
 Sample : 01852-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-051-IDWGW-20230308

Quant Time: Mar 10 01:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

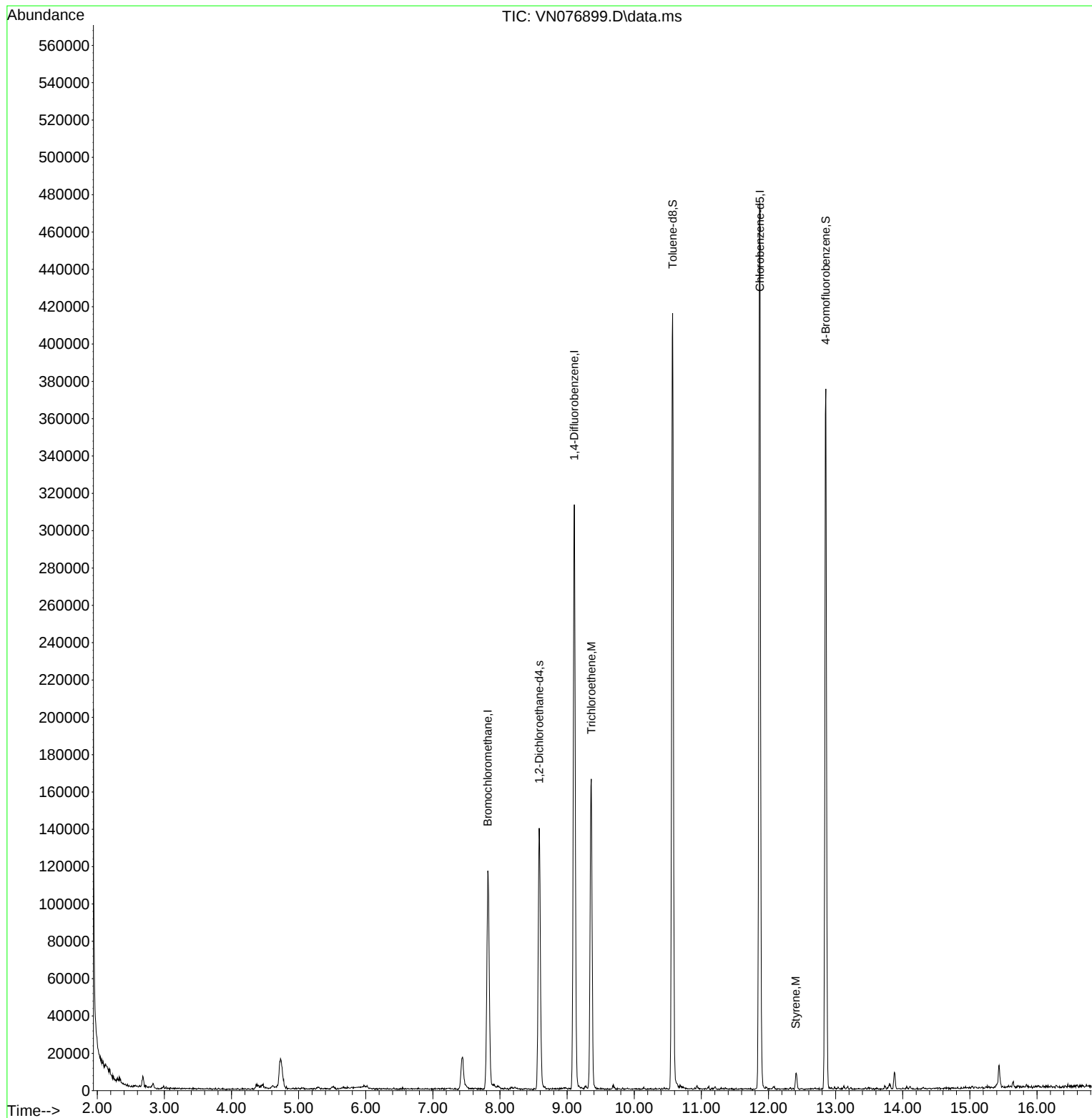
Internal Standards						
1) Bromochloromethane	7.819	128	42418	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	268372	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	284462	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	119813	30.730	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.433%
60) 4-Bromofluorobenzene	12.854	95	138779	25.777	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.933%
63) Toluene-d8	10.572	98	296361	29.621	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.733%
Target Compounds						
					Qvalue	
37) Trichloroethene	9.360	130	60562	12.680	ug/l	94
69) Styrene	12.407	104	4619	0.362	ug/l	94

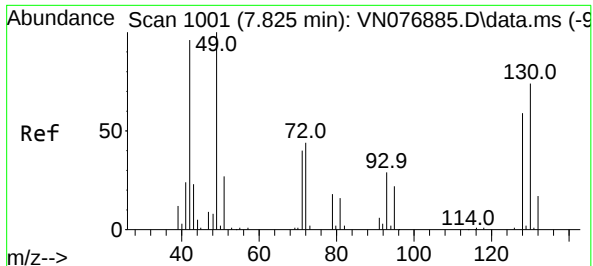
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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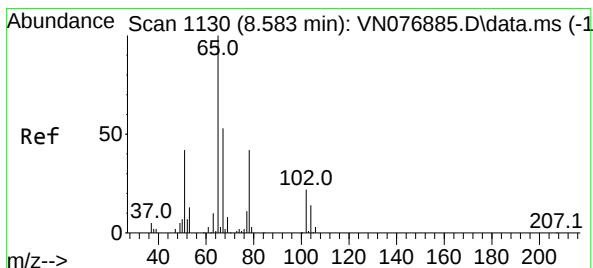
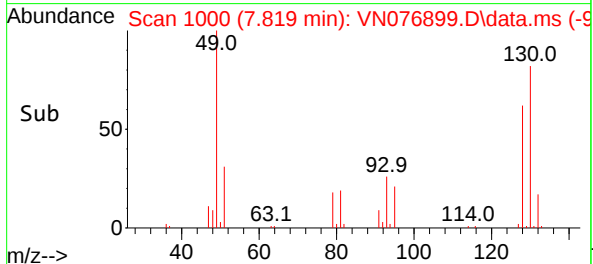
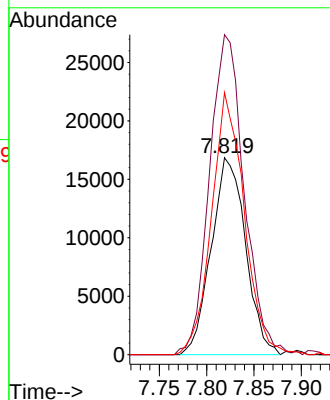
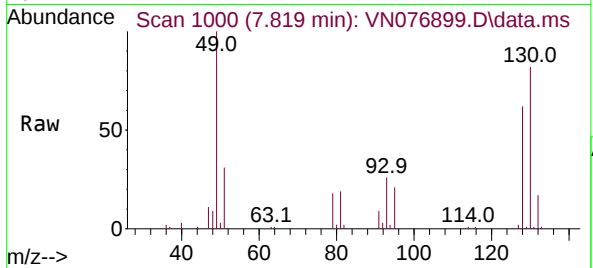




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN076899.D
Acq: 09 Mar 2023 13:40

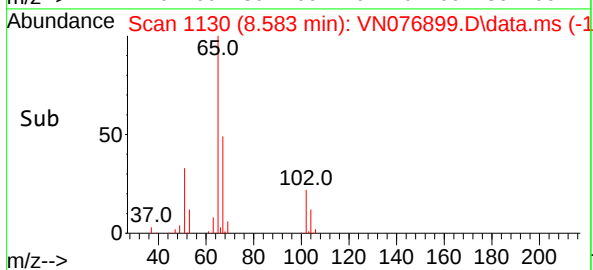
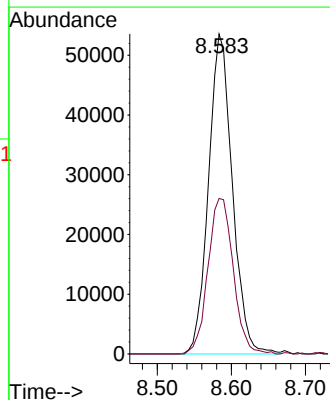
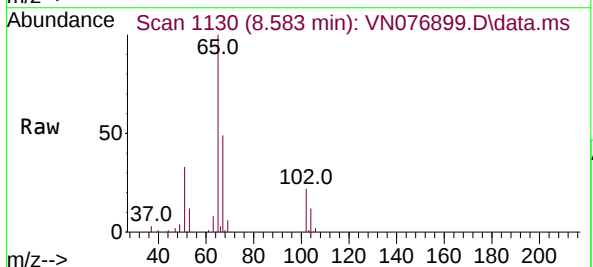
Instrument :
MSVOA_N
ClientSampleId :
TT-051-IDWGW-20230308

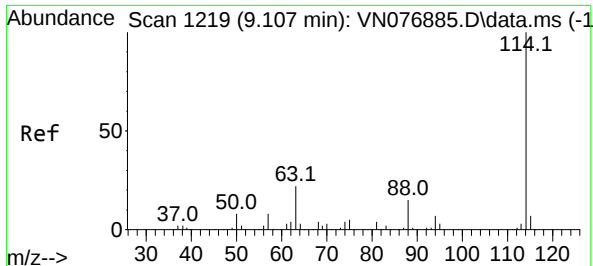
Tgt Ion:128 Resp: 42418
Ion Ratio Lower Upper
128 100
49 163.9 0.0 461.8
130 127.1 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 30.730 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076899.D
Acq: 09 Mar 2023 13:40

Tgt Ion: 65 Resp: 119813
Ion Ratio Lower Upper
65 100
67 51.4 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076899.D

Acq: 09 Mar 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

TT-051-IDWGW-20230308

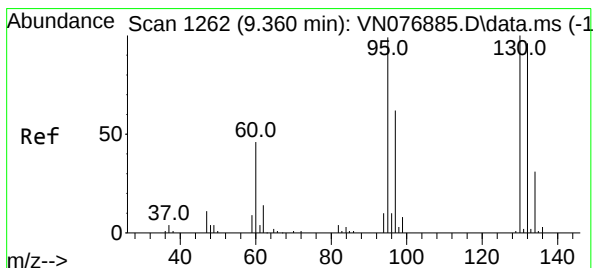
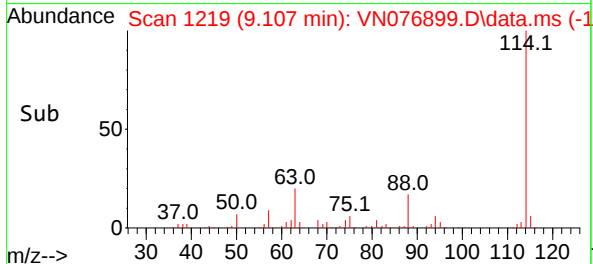
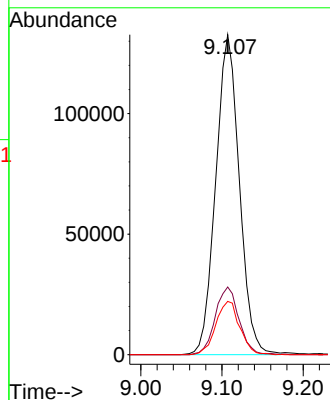
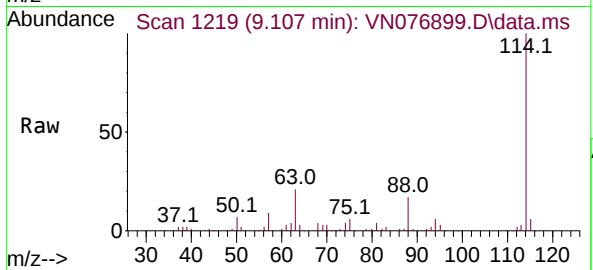
Tgt Ion:114 Resp: 268372

Ion Ratio Lower Upper

114 100

63 21.1 17.0 25.4

88 16.9 11.6 17.4



#37

Trichloroethene

Concen: 12.680 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN076899.D

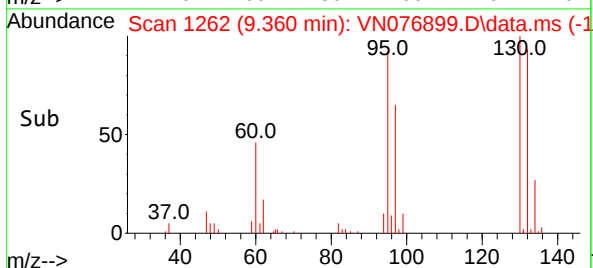
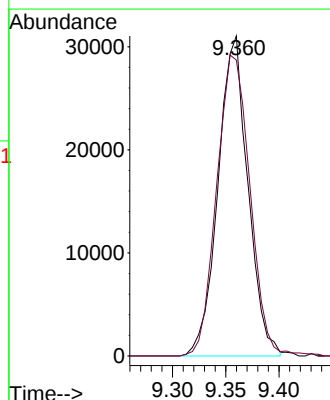
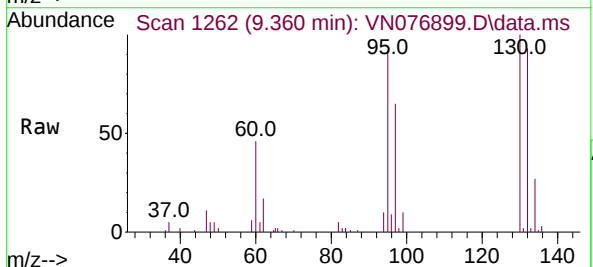
Acq: 09 Mar 2023 13:40

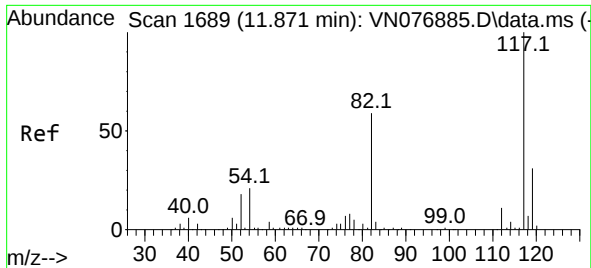
Tgt Ion:130 Resp: 60562

Ion Ratio Lower Upper

130 100

95 92.5 78.7 118.1

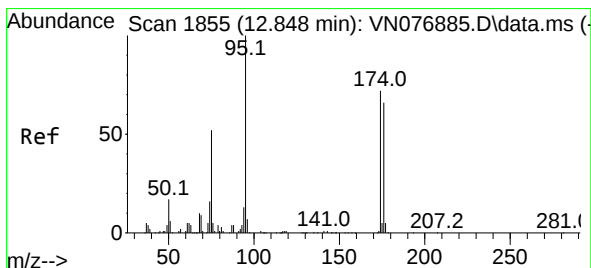
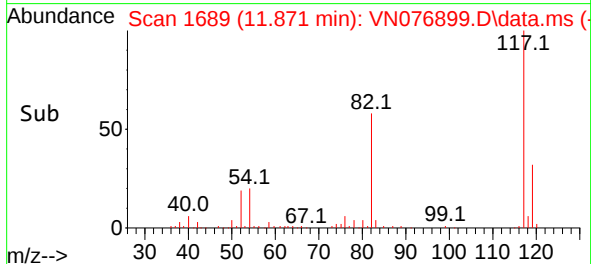
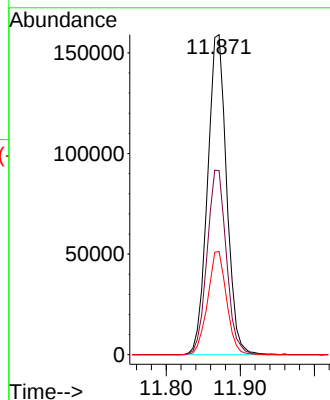
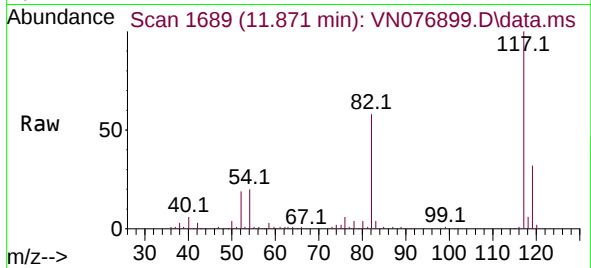




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076899.D
Acq: 09 Mar 2023 13:40

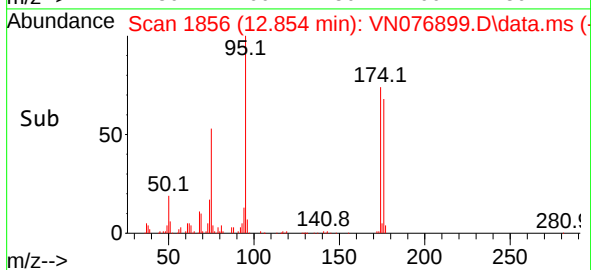
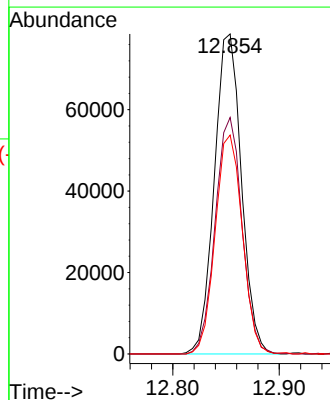
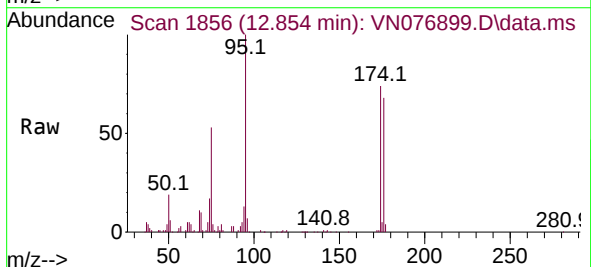
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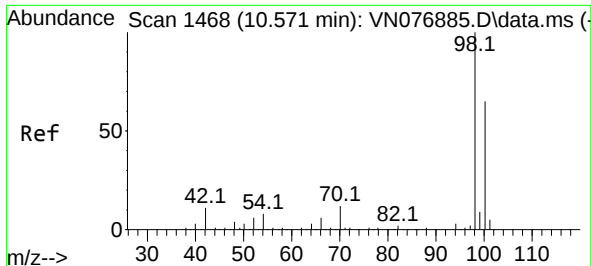
Tgt Ion:	117	Resp:	284462
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.4	68.0
119	32.0	26.8	40.2



#60
4-Bromofluorobenzene
Concen: 25.777 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076899.D
Acq: 09 Mar 2023 13:40

Tgt Ion:	95	Resp:	138779
Ion	Ratio	Lower	Upper
95	100		
174	73.0	64.2	96.4
176	68.4	61.4	92.0

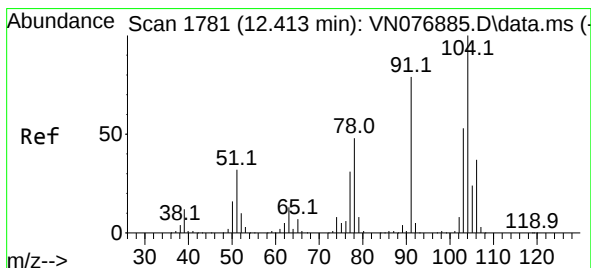
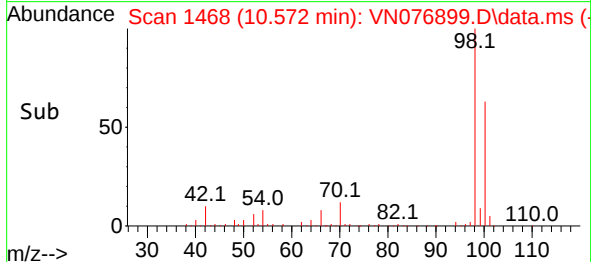
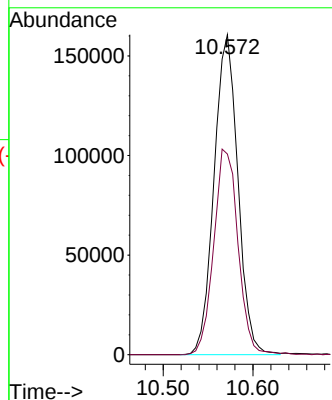
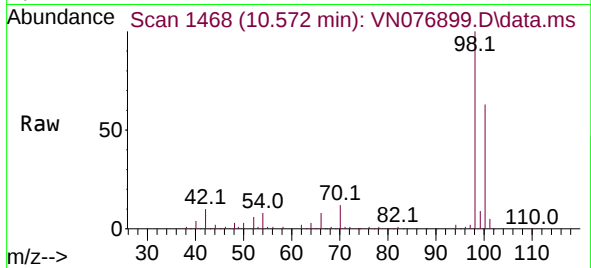




#63
Toluene-d8
Concen: 29.621 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076899.D
Acq: 09 Mar 2023 13:40

Instrument :
MSVOA_N
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Tgt Ion: 98 Resp: 296361
Ion Ratio Lower Upper
98 100
100 65.4 53.8 80.6



#69
Styrene
Concen: 0.362 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VN076899.D
Acq: 09 Mar 2023 13:40

Tgt Ion: 104 Resp: 4619
Ion Ratio Lower Upper
104 100
78 45.3 39.6 59.4
103 50.9 43.9 65.9

