

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051223\
 Data File : VN077669.D
 Acq On : 12 May 2023 13:12
 Operator : JC\MD
 Sample : 02752-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230510034-01-TRIP-BLANK

Quant Time: May 15 01:37:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

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

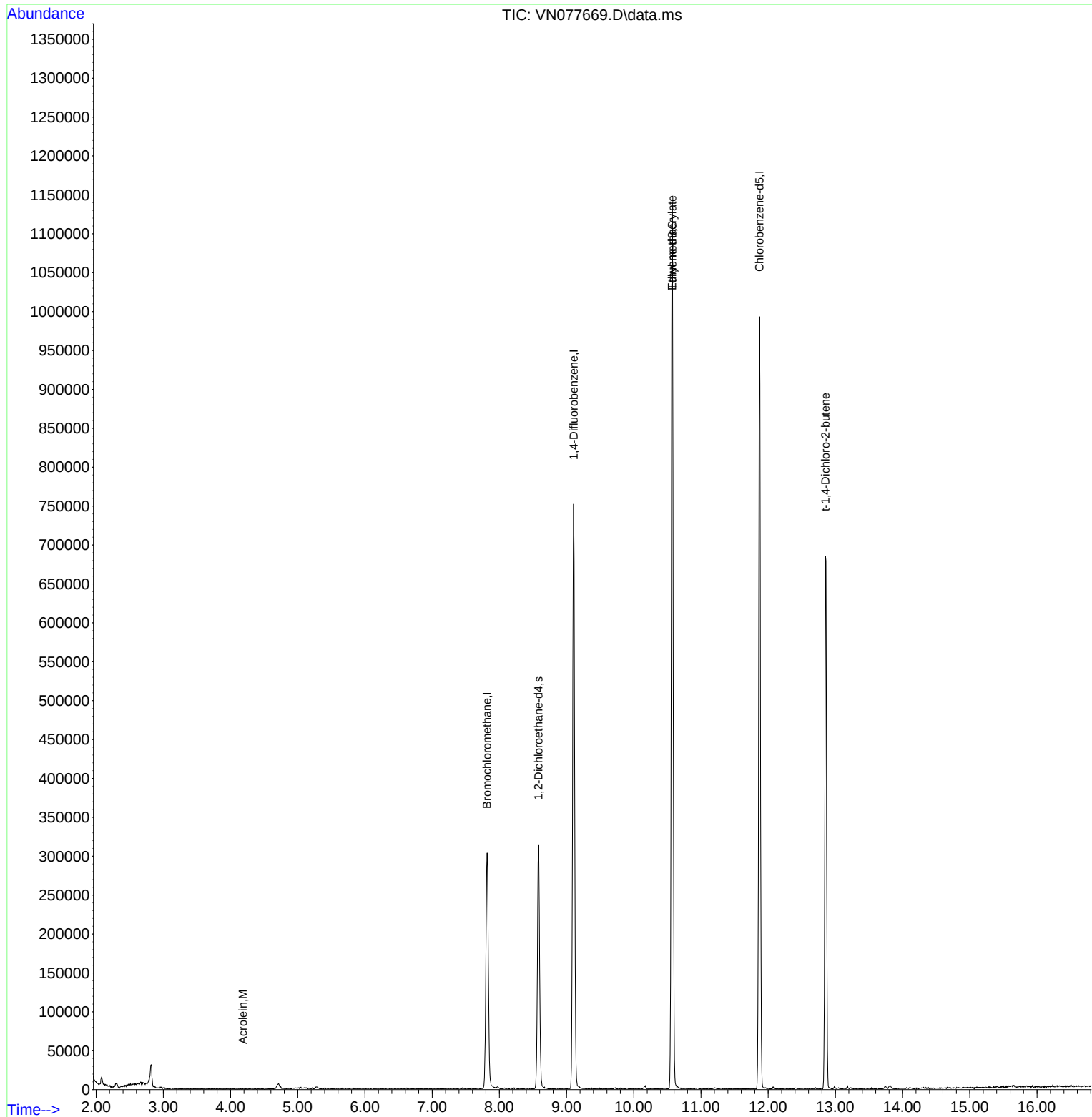
Internal Standards						
1) Bromochloromethane	7.818	128	124783	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	711396	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	625527	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	255971	28.525	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.067%
60) 4-Bromofluorobenzene	13.182	95	911	0.092	ug/l	0.33
Spiked Amount	30.000	Range	63 - 112	Recovery	=	0.300%#
63) Toluene-d8	10.571	98	847559	29.336	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.800%
Target Compounds						
13) Acrolein	4.183	56	287	0.292	ug/l #	71
51) Ethyl methacrylate	10.571	69	2340	0.223	ug/l	80
77) t-1,4-Dichloro-2-butene	12.853	75	119820	39.887	ug/l #	12

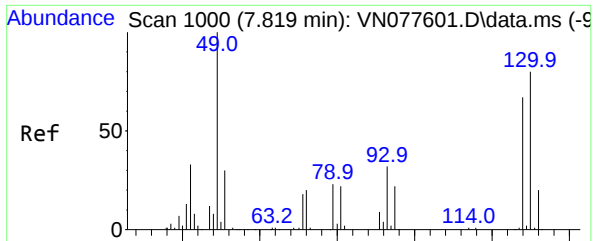
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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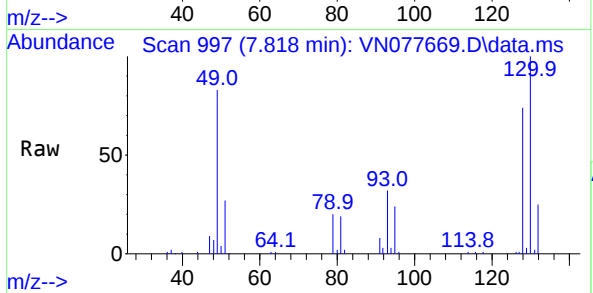
Quant Time: May 15 01:37:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
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Response via : Initial Calibration



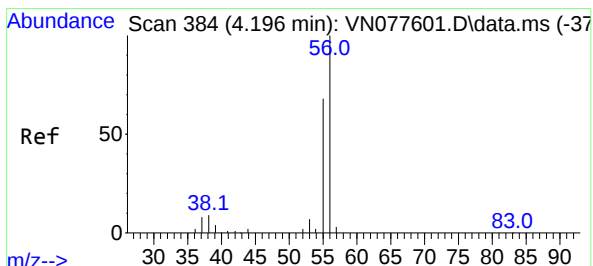
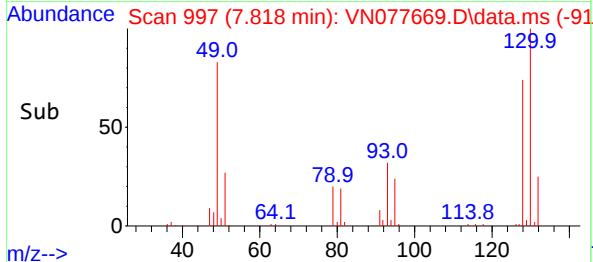
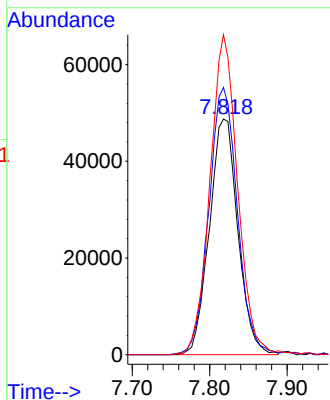


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

Instrument :
MSVOA_N
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230510034-01-TRIP-BLANK

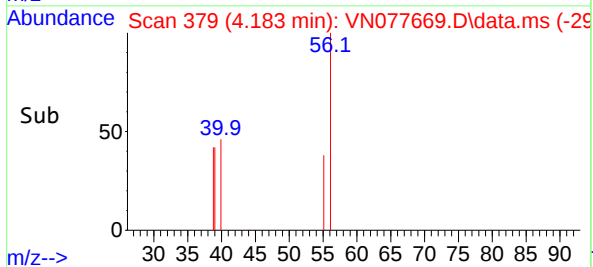
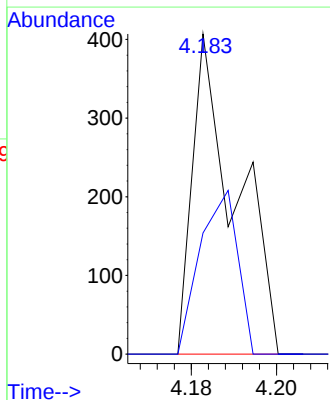
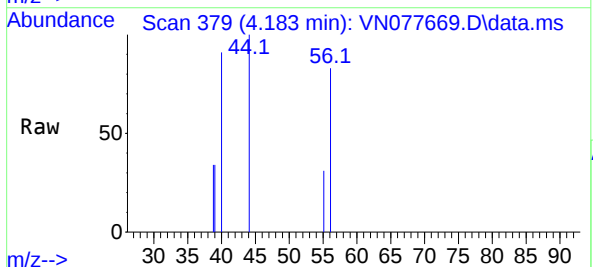


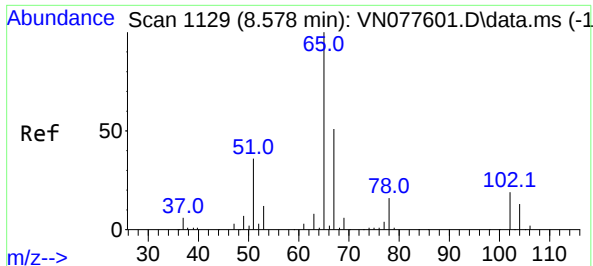
Tgt Ion:128 Resp: 124783
Ion Ratio Lower Upper
128 100
49 113.8 0.0 369.8
130 131.8 0.0 317.8



#13
Acrolein
Concen: 0.292 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.013 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

Tgt Ion: 56 Resp: 287
Ion Ratio Lower Upper
56 100
55 44.6 54.8 82.2#





#27

1,2-Dichloroethane-d4

Concen: 28.525 ug/l

RT: 8.582 min Scan# 1129

Delta R.T. 0.004 min

Lab File: VN077669.D

Acq: 12 May 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

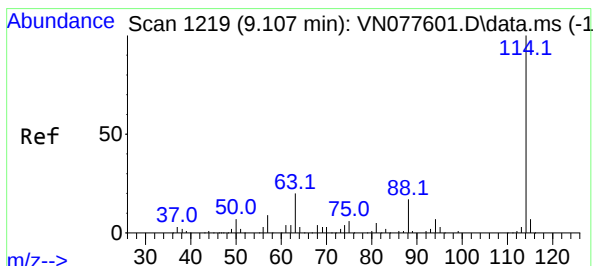
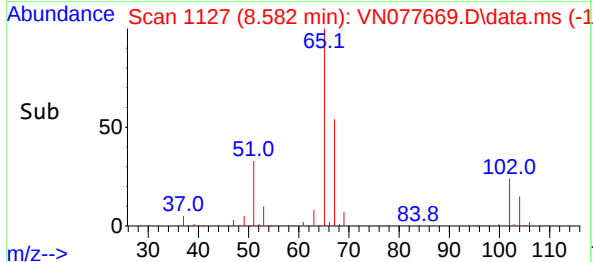
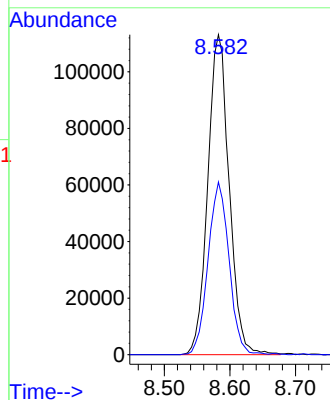
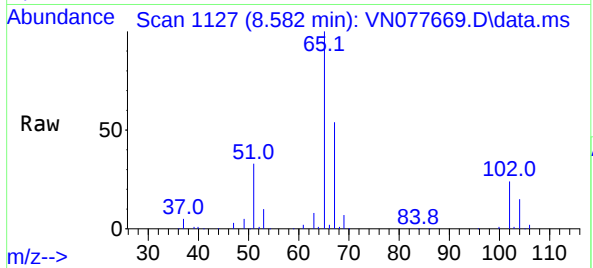
230510034-01-TRIP-BLANK

Tgt Ion: 65 Resp: 255971

Ion Ratio Lower Upper

65 100

67 52.7 41.3 61.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.001 min

Lab File: VN077669.D

Acq: 12 May 2023 13:12

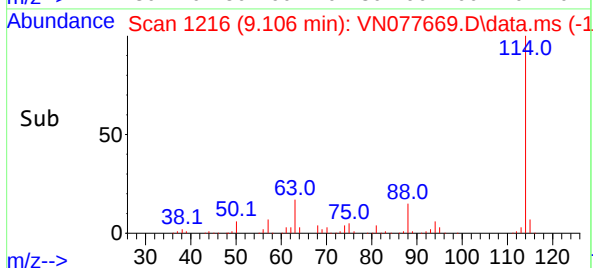
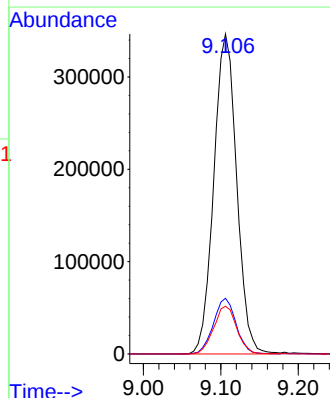
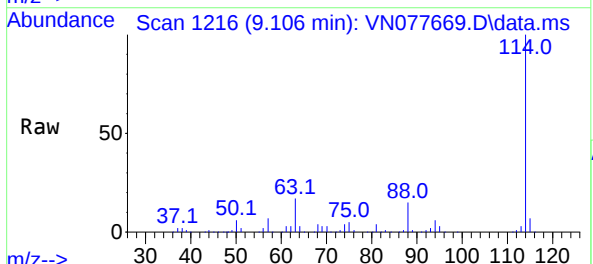
Tgt Ion: 114 Resp: 711396

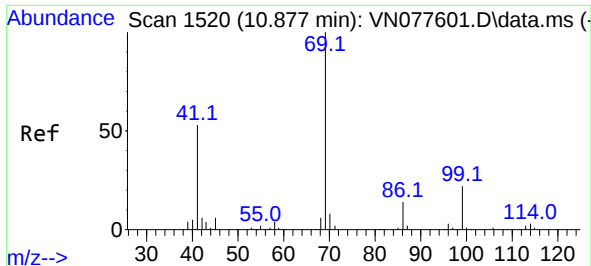
Ion Ratio Lower Upper

114 100

63 17.2 15.8 23.6

88 15.1 13.0 19.4

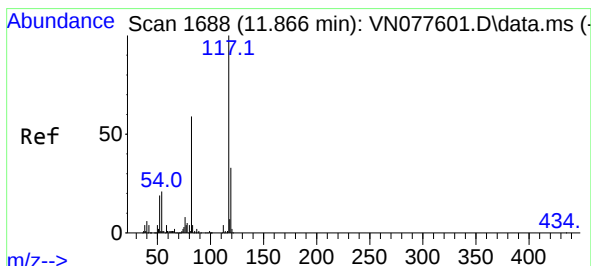
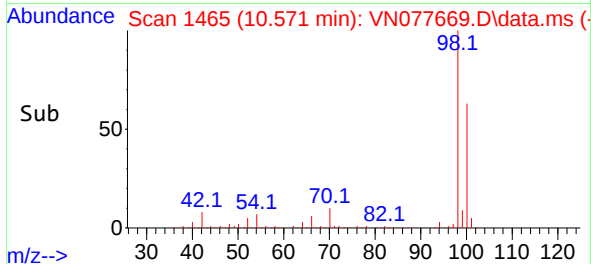
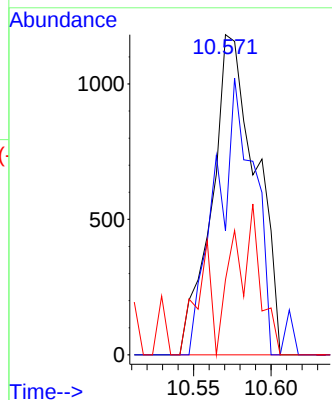
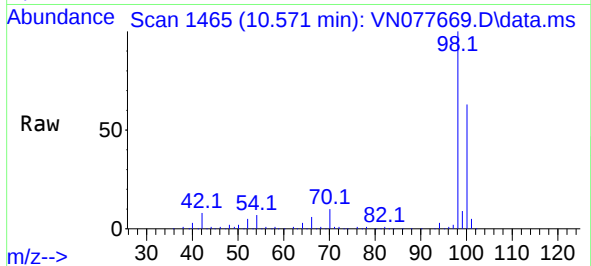




#51
Ethyl methacrylate
Concen: 0.223 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.306 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

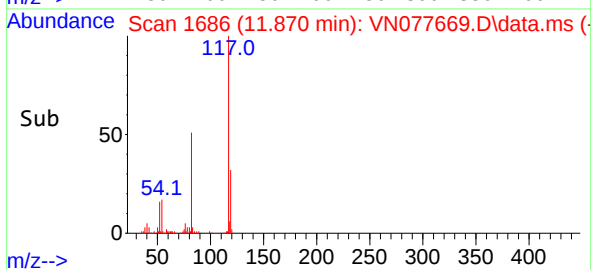
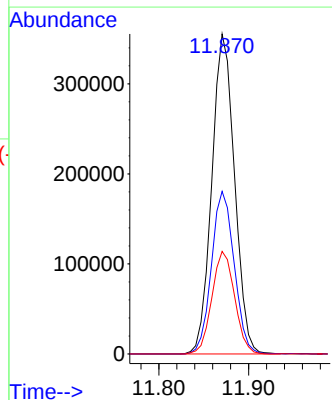
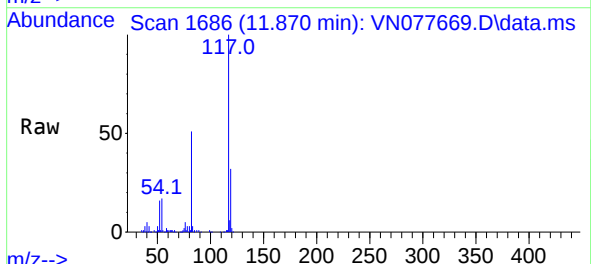
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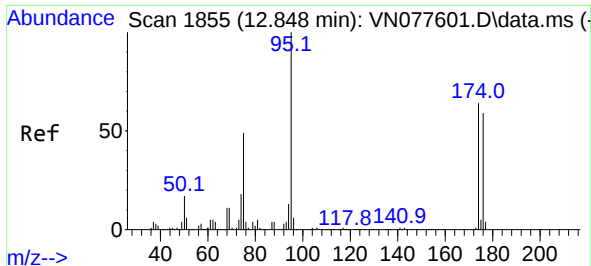
Tgt Ion:	69	Resp:	2340
Ion	Ratio	Lower	Upper
69	100		
41	38.7	26.3	78.9
39	23.4	18.1	54.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.004 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

Tgt Ion:	117	Resp:	625527
Ion	Ratio	Lower	Upper
117	100		
82	50.8	47.4	71.2
119	32.0	26.6	39.8

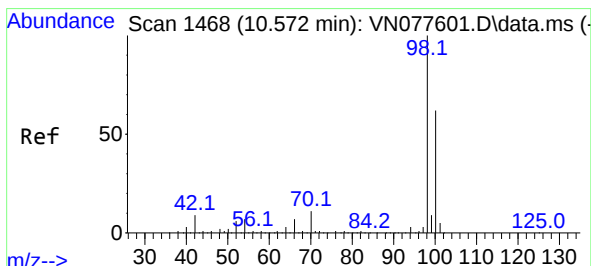
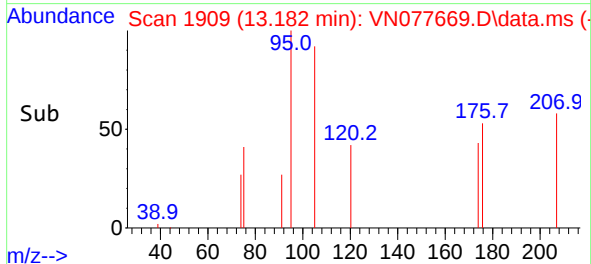
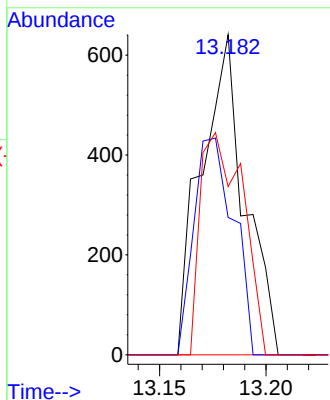
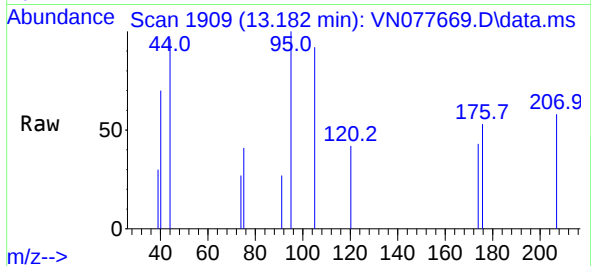




#60
4-Bromofluorobenzene
Concen: 0.092 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.334 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

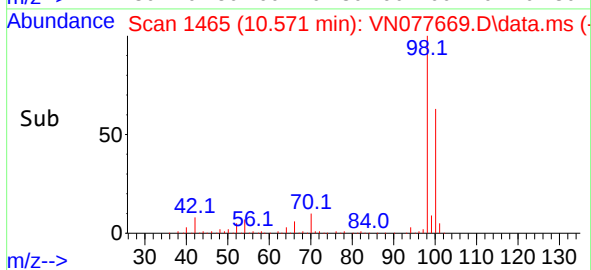
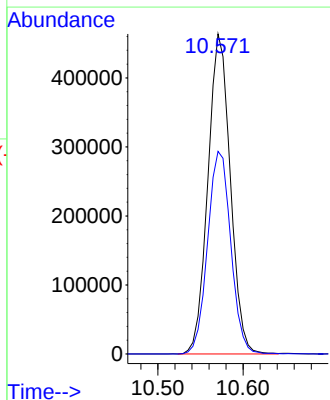
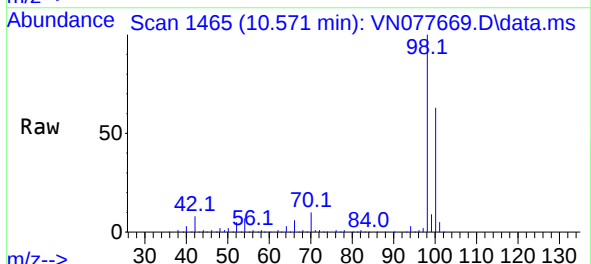
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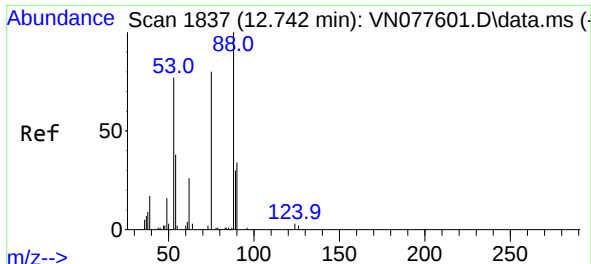
Tgt Ion:	95	Resp:	911
Ion	Ratio	Lower	Upper
95	100		
174	62.0	53.4	80.0
176	67.9	50.0	75.0



#63
Toluene-d8
Concen: 29.336 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

Tgt Ion:	98	Resp:	847559
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1





#77

t-1,4-Dichloro-2-butene

Concen: 39.887 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.111 min

Lab File: VN077669.D

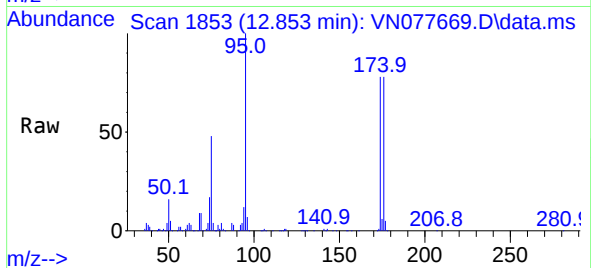
Acq: 12 May 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

230510034-01-TRIP-BLANK



Tgt Ion: 75 Resp: 119820

Ion Ratio Lower Upper

75 100

53 0.0 46.9 140.7#

89 0.0 21.0 63.0#

