

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076974.D
 Acq On : 13 Mar 2023 20:10
 Operator : JC\MD
 Sample : 01880-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20230310

Quant Time: Mar 14 07:07:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

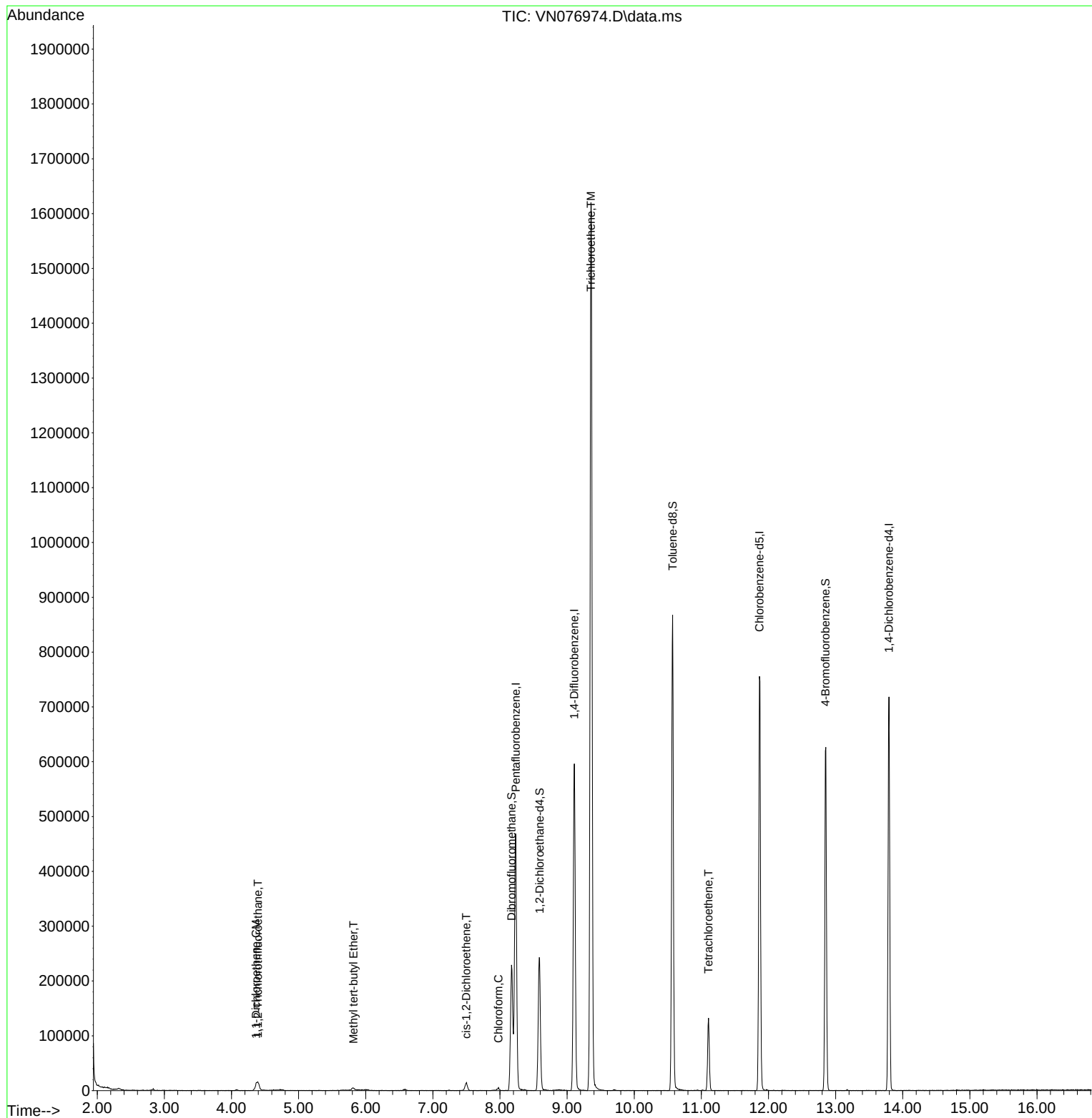
Internal Standards						
1) Pentafluorobenzene	8.236	168	319948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	502617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	439836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	191944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	230311	48.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.172	113	157478	47.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	10.572	98	589046	47.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.848	95	216698	47.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.980%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.396	101	10429	2.718	ug/l #	69
12) 1,1-Dichloroethene	4.366	96	2367	0.669	ug/l	82
19) Methyl tert-butyl Ether	5.819	73	6642	0.528	ug/l #	79
27) cis-1,2-Dichloroethene	7.495	96	8169	1.888	ug/l	93
30) Chloroform	7.978	83	4324	0.561	ug/l	87
44) Trichloroethene	9.354	130	580090	146.985	ug/l	100
64) Tetrachloroethene	11.107	164	29053	8.162	ug/l	96

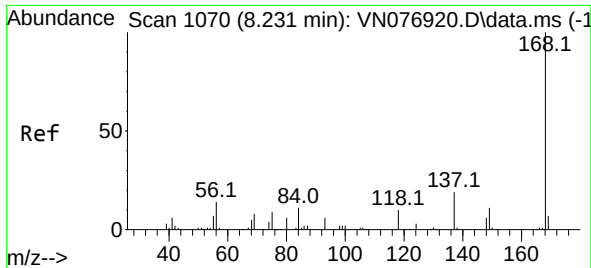
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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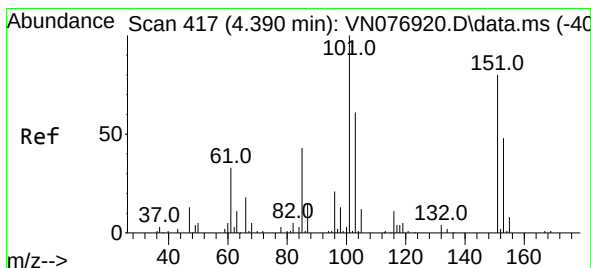
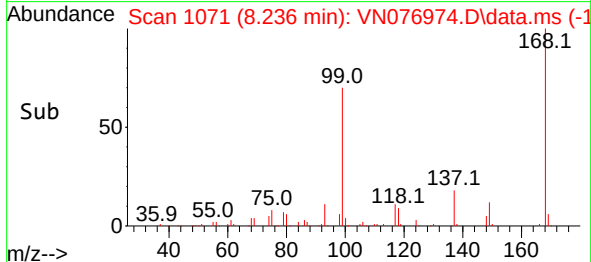
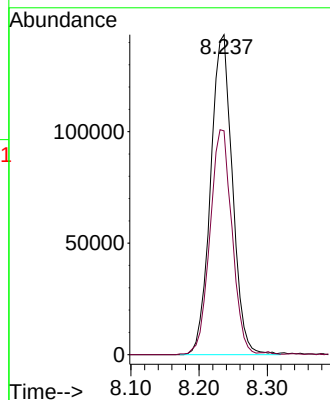
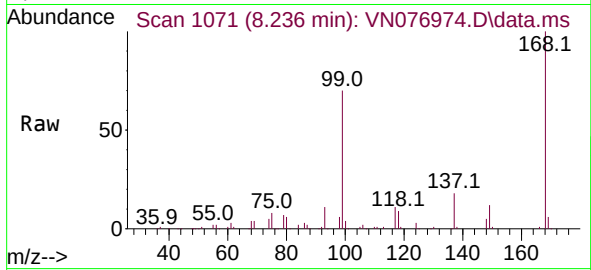




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

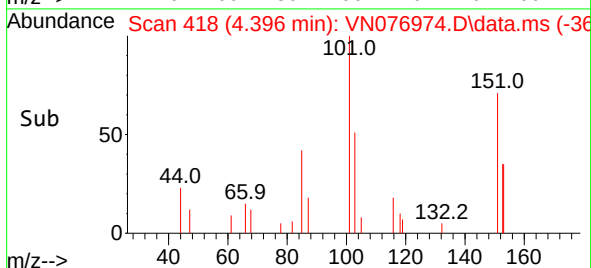
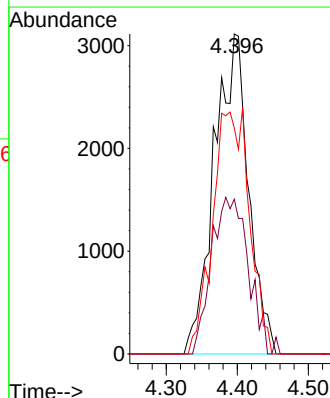
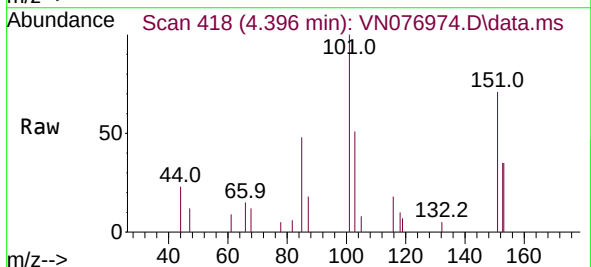
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

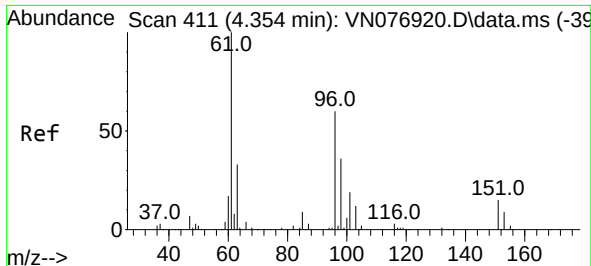
Tgt Ion:168 Resp: 319948
Ion Ratio Lower Upper
168 100
99 69.8 48.6 73.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.718 ug/l
RT: 4.396 min Scan# 418
Delta R.T. 0.006 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

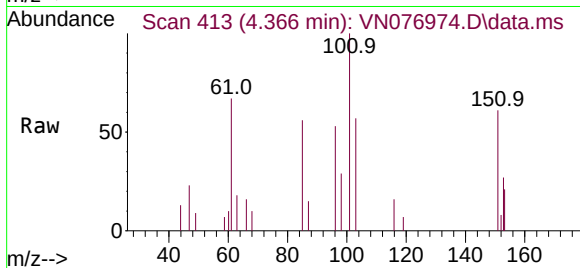
Tgt Ion:101 Resp: 10429
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 81.4 58.9 88.3





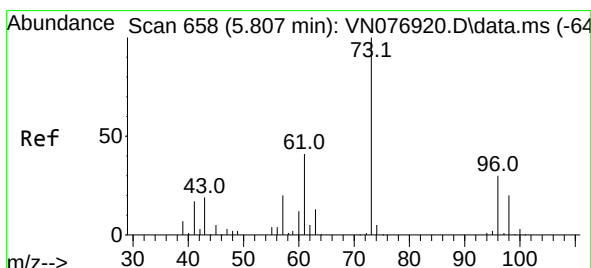
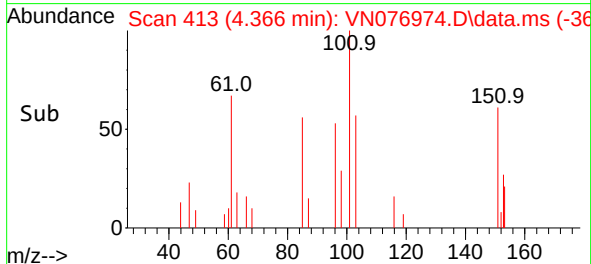
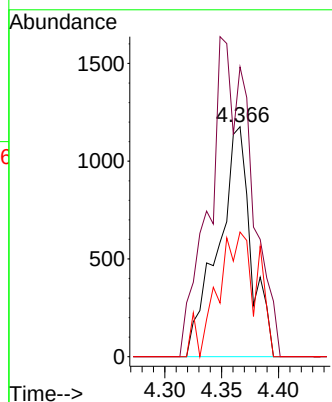
#12
 1,1-Dichloroethene
 Concen: 0.669 ug/l
 RT: 4.366 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VN076974.D
 Acq: 13 Mar 2023 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20230310



Tgt Ion: 96 Resp: 2367

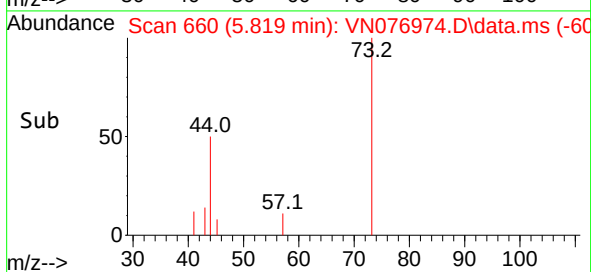
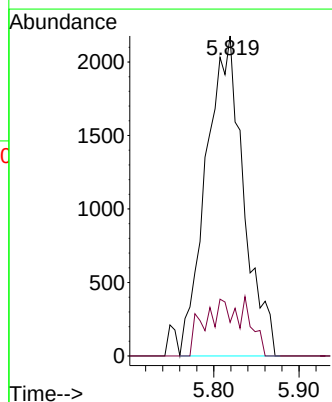
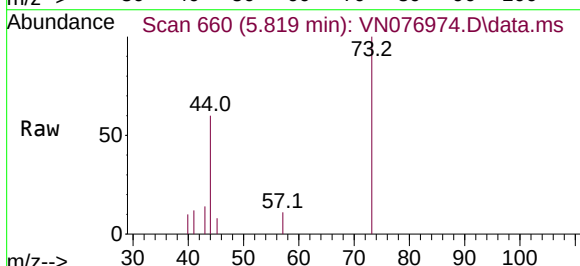
Ion	Ratio	Lower	Upper
96	100		
61	126.0	121.3	181.9
98	54.3	52.1	78.1

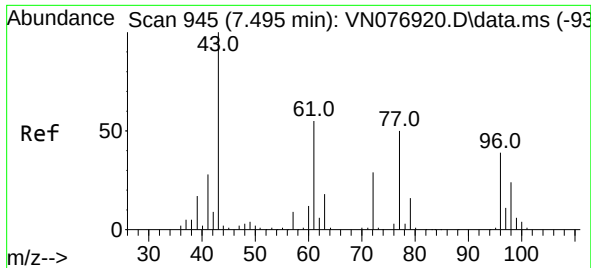


#19
 Methyl tert-butyl Ether
 Concen: 0.528 ug/l
 RT: 5.819 min Scan# 660
 Delta R.T. 0.012 min
 Lab File: VN076974.D
 Acq: 13 Mar 2023 20:10

Tgt Ion: 73 Resp: 6642

Ion	Ratio	Lower	Upper
73	100		
57	10.5	16.1	24.1#

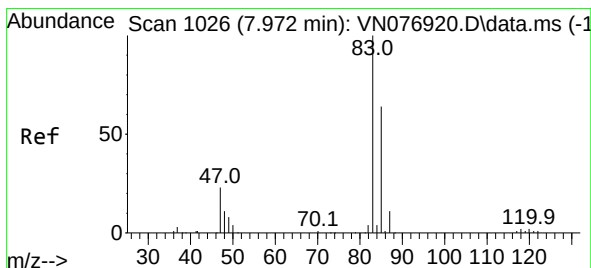
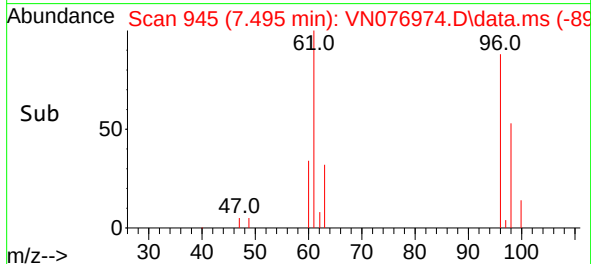
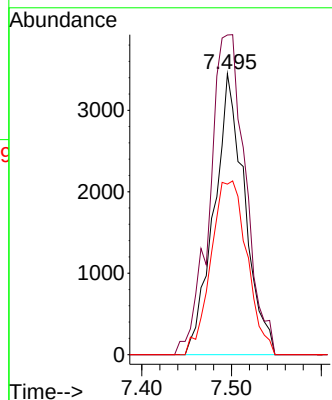
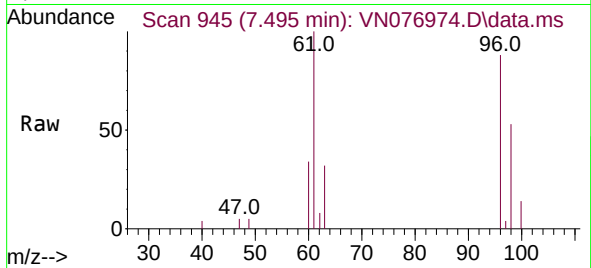




#27
 cis-1,2-Dichloroethene
 Concen: 1.888 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076974.D
 Acq: 13 Mar 2023 20:10

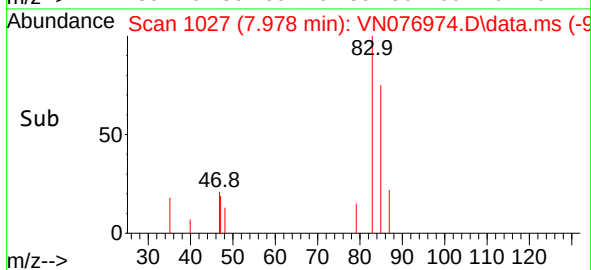
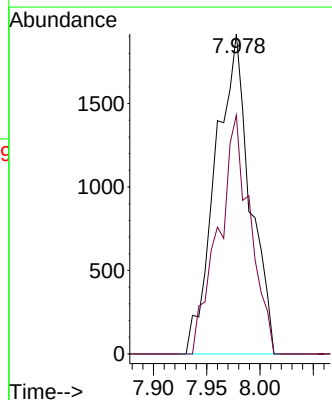
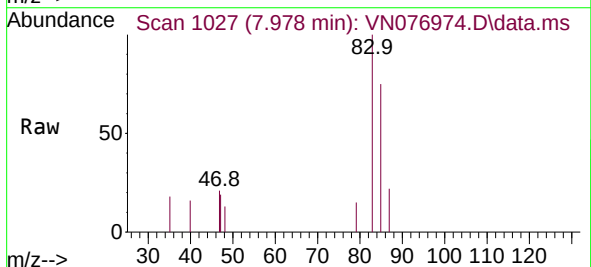
Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20230310

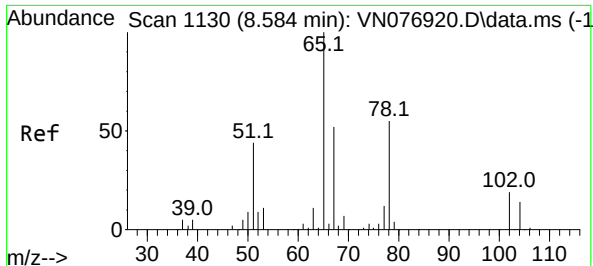
Tgt Ion: 96	Resp:	8169
Ion	Ratio	Lower Upper
96	100	
61	133.2	0.0 255.6
98	73.0	0.0 127.4



#30
 Chloroform
 Concen: 0.561 ug/l
 RT: 7.978 min Scan# 1027
 Delta R.T. 0.006 min
 Lab File: VN076974.D
 Acq: 13 Mar 2023 20:10

Tgt Ion: 83	Resp:	4324
Ion	Ratio	Lower Upper
83	100	
85	74.6	51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 48.238 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.005 min

Lab File: VN076974.D

Acq: 13 Mar 2023 20:10

Instrument :

MSVOA_N

ClientSampleId :

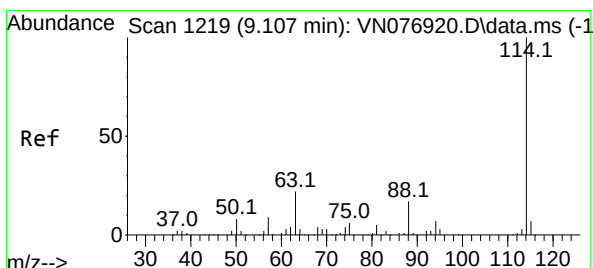
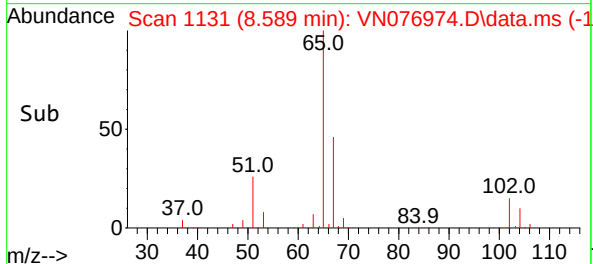
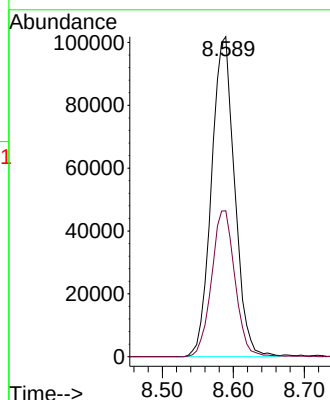
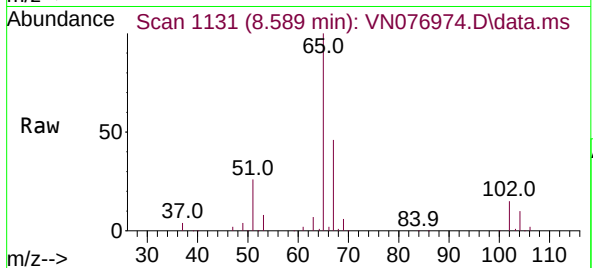
RE125D1-20230310

Tgt Ion: 65 Resp: 230311

Ion Ratio Lower Upper

65 100

67 46.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076974.D

Acq: 13 Mar 2023 20:10

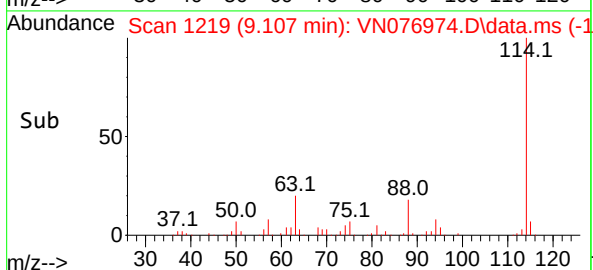
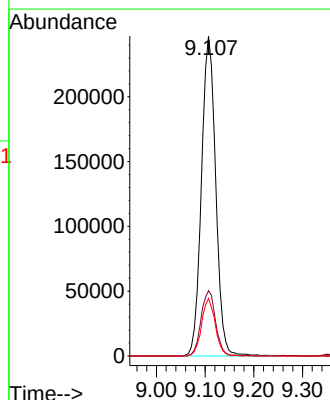
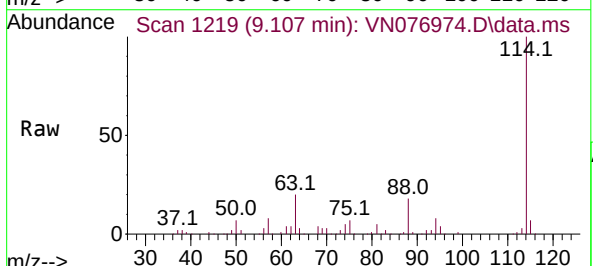
Tgt Ion: 114 Resp: 502617

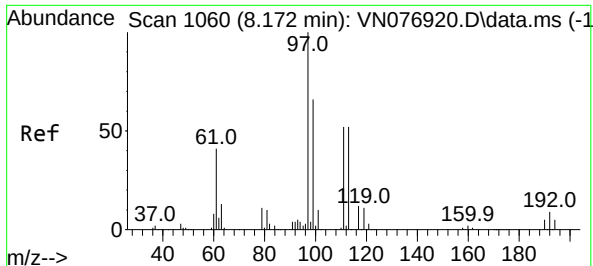
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 17.9 0.0 28.6

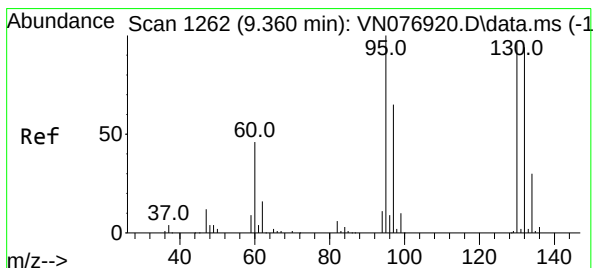
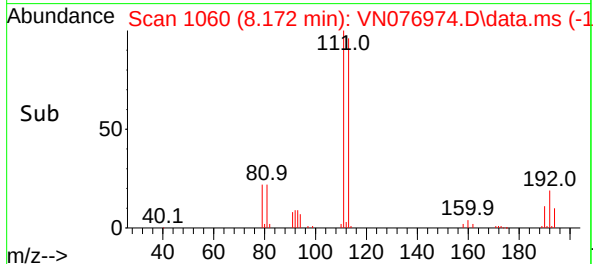
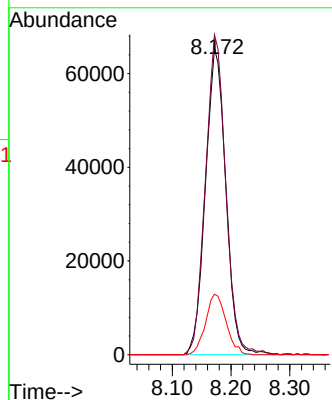
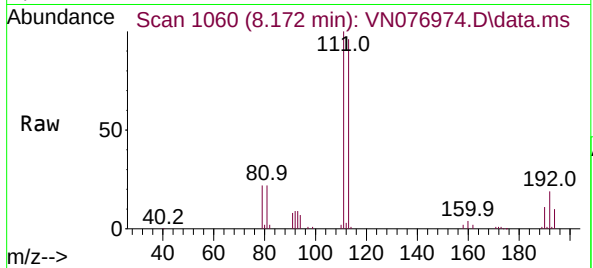




#35
Dibromofluoromethane
Concen: 47.011 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

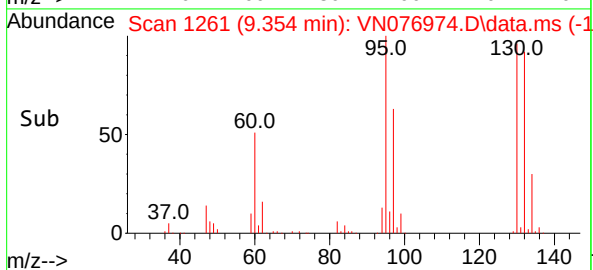
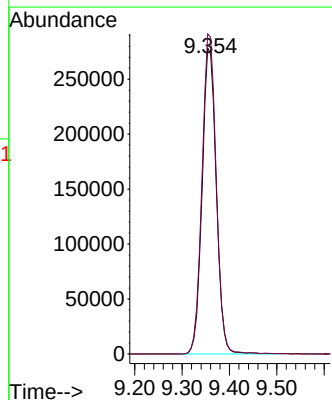
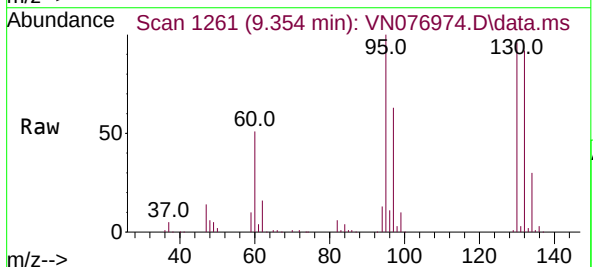
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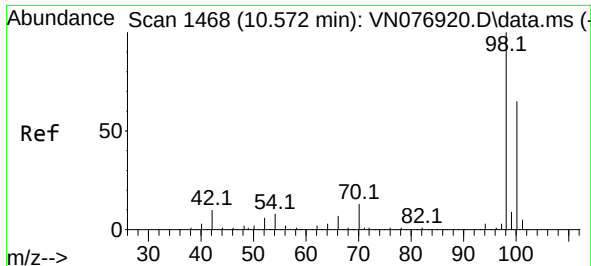
Tgt Ion:113 Resp: 157478
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 19.9 13.9 20.9



#44
Trichloroethene
Concen: 146.985 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion:130 Resp: 580090
Ion Ratio Lower Upper
130 100
95 104.6 0.0 208.6

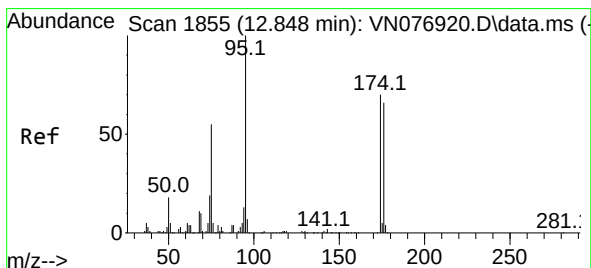
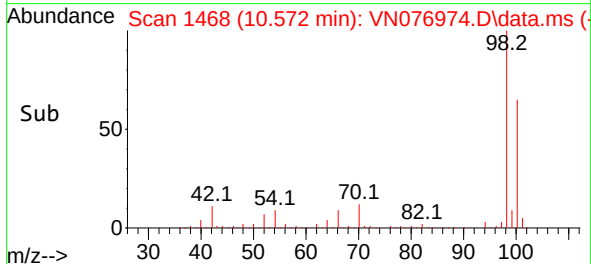
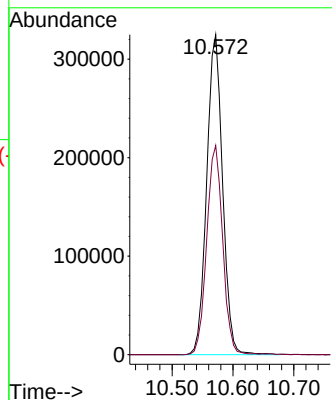
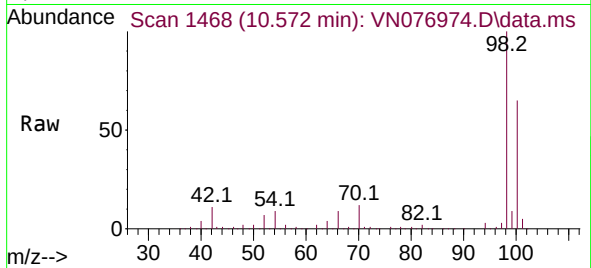




#50
Toluene-d8
Concen: 47.713 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

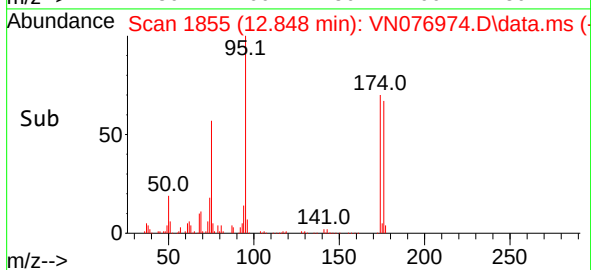
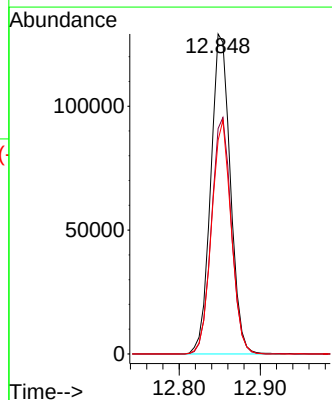
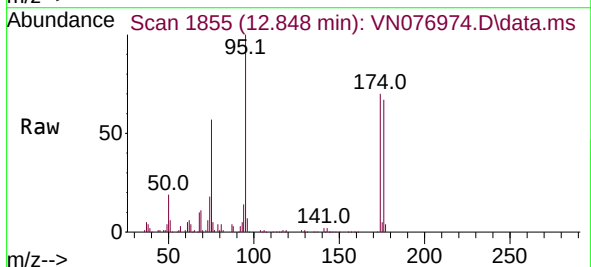
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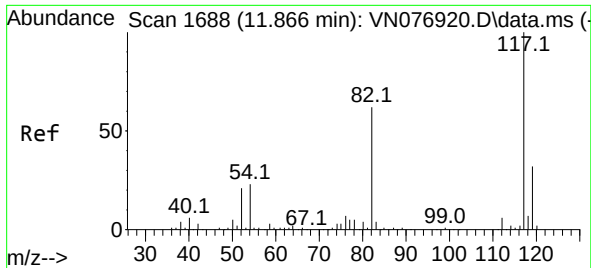
Tgt Ion: 98 Resp: 589046
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.989 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion: 95 Resp: 216698
Ion Ratio Lower Upper
95 100
174 74.7 0.0 162.4
176 72.9 0.0 157.4

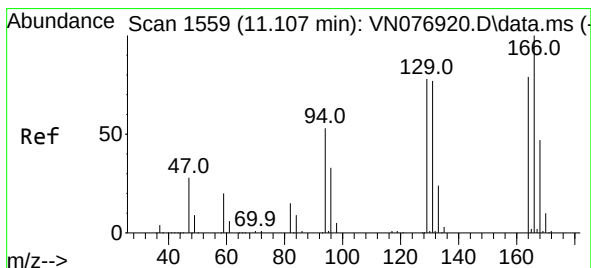
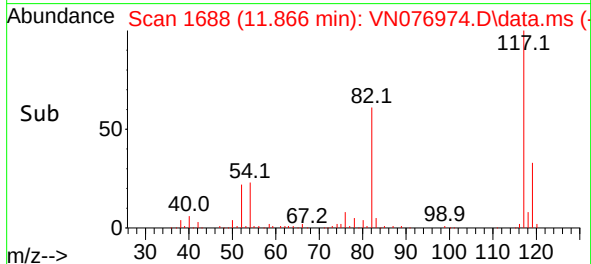
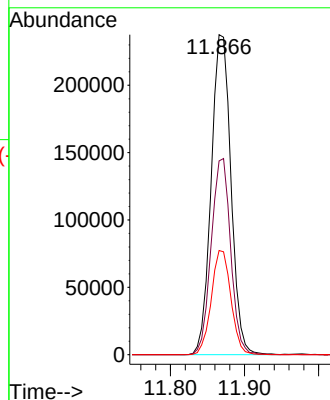
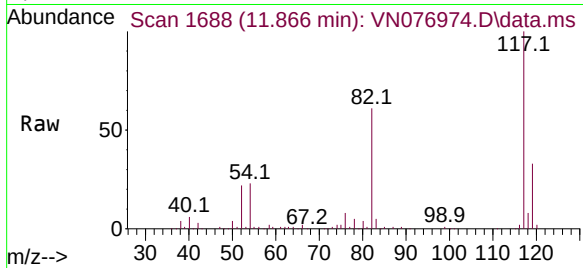




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

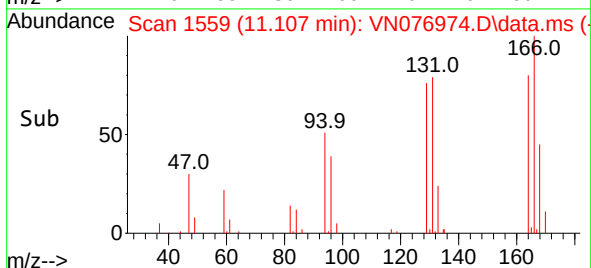
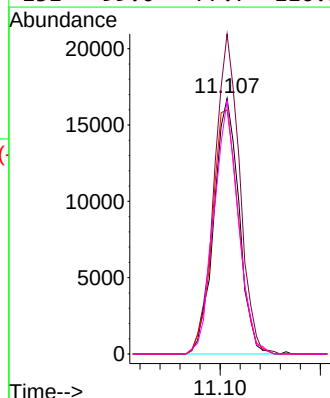
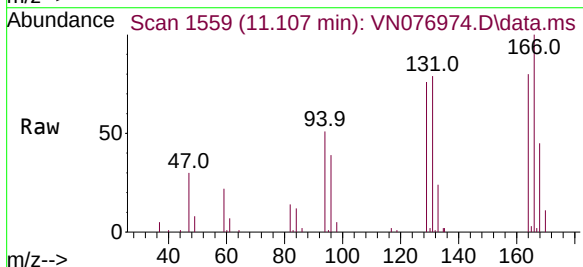
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

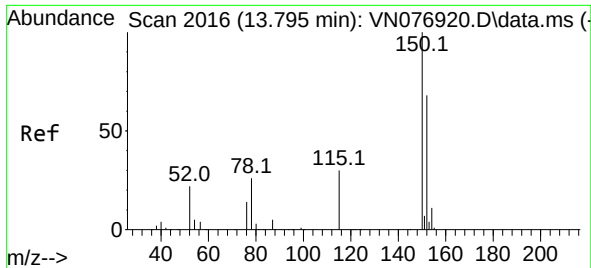
Tgt Ion:117 Resp: 439836
Ion Ratio Lower Upper
117 100
82 60.5 43.5 65.3
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 8.162 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

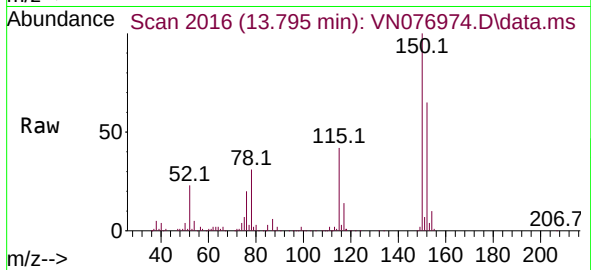
Tgt Ion:164 Resp: 29053
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 95.6 81.5 122.3
131 99.0 77.7 116.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076974.D
 Acq: 13 Mar 2023 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20230310



Tgt Ion:152 Resp: 191944
 Ion Ratio Lower Upper
 152 100
 115 66.4 30.3 90.9
 150 156.7 0.0 353.6

