

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074122.D
 Acq On : 25 Aug 2022 18:27
 Operator : JC\MD
 Sample : N4280-09DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D3-20220818DL

Quant Time: Aug 26 02:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

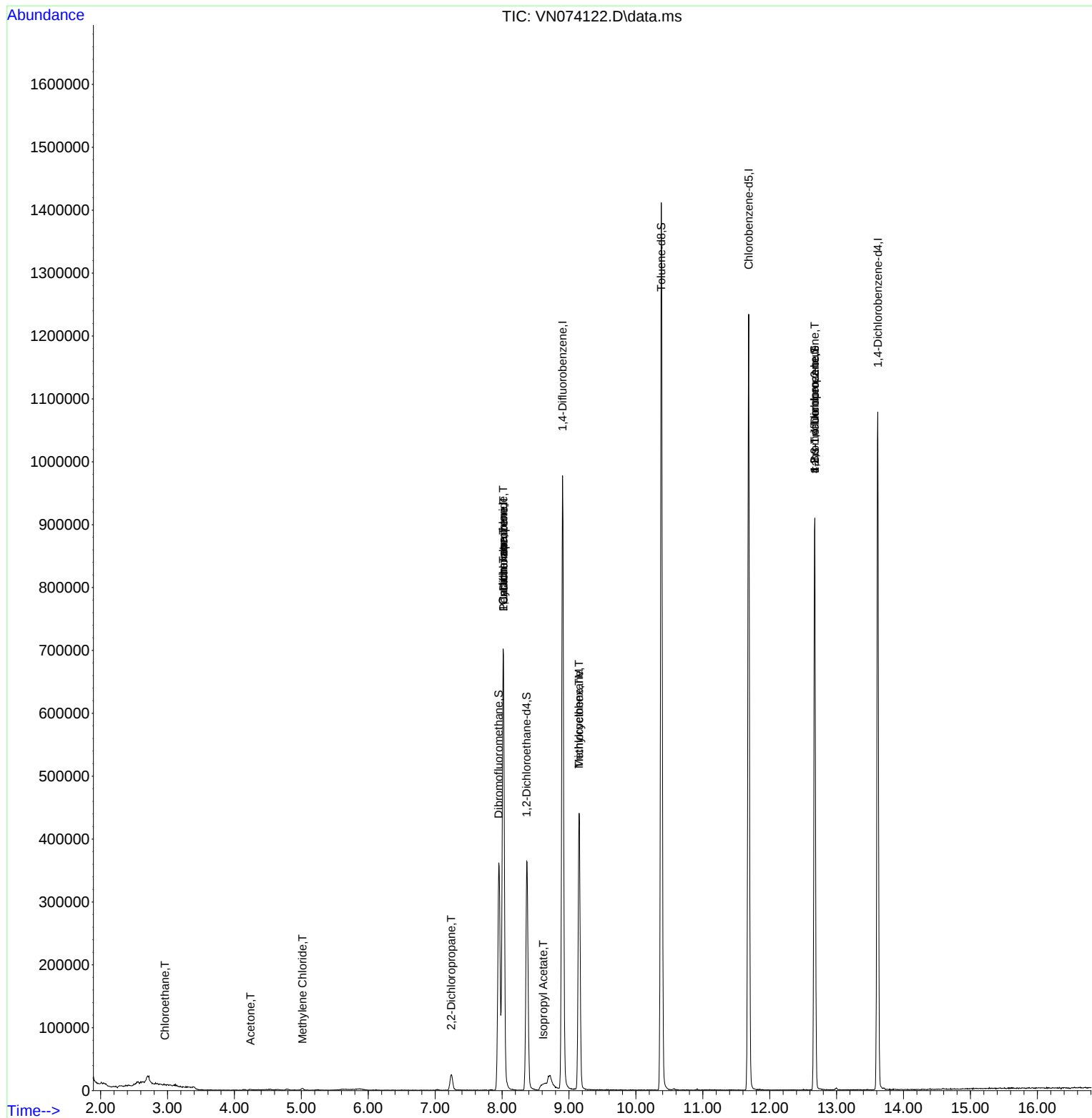
Internal Standards						
1) Pentafluorobenzene	8.022	168	590810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	902085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	740346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	310148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	307195	53.384	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	= 106.760%		
35) Dibromofluoromethane	7.951	113	270898	50.779	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 101.560%		
50) Toluene-d8	10.380	98	1002320	48.512	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	= 97.020%		
62) 4-Bromofluorobenzene	12.674	95	301426	43.958	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 87.920%		
Target Compounds						
					Qvalue	
6) Chloroethane	2.963	64	991	0.210	ug/l #	71
16) Acetone	4.240	43	2607	0.960	ug/l #	76
18) Methyl Acetate	4.798	43	3739	Below Cal	#	78
20) Methylene Chloride	5.016	84	2306	0.403	ug/l #	74
26) 2,2-Dichloropropane	7.239	77	2147	0.251	ug/l #	53
31) Cyclohexane	8.016	56	9364	1.167	ug/l #	1
36) 1,1-Dichloropropene	8.022	75	39987	5.396	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53423	6.308	ug/l #	17
39) Methylcyclohexane	9.151	83	2258	0.243	ug/l #	1
43) Isopropyl Acetate	8.616	43	10413	0.814	ug/l #	53
44) Trichloroethene	9.151	130	183261	27.130	ug/l	98
76) 1,2,3-Trichloropropane	12.674	75	147645	22.904	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	147645	65.142	ug/l #	10

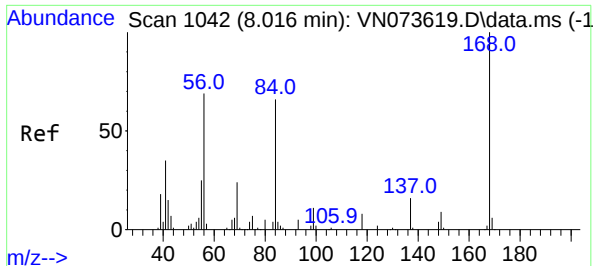
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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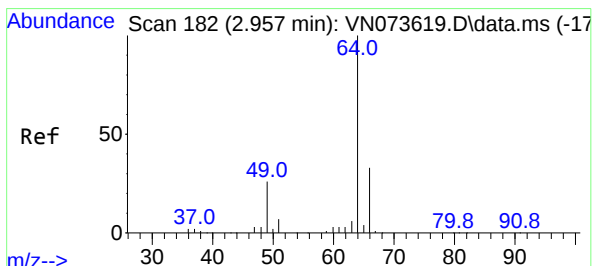
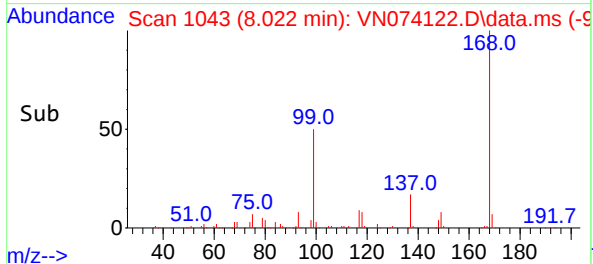
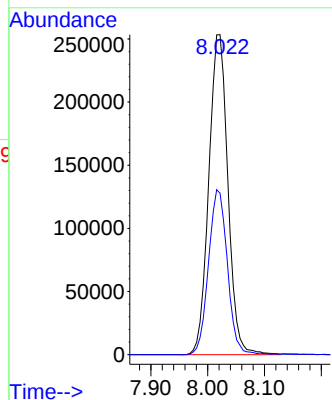
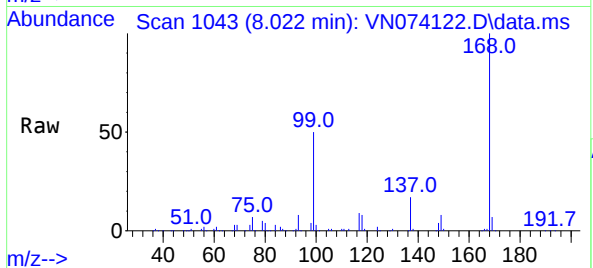




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

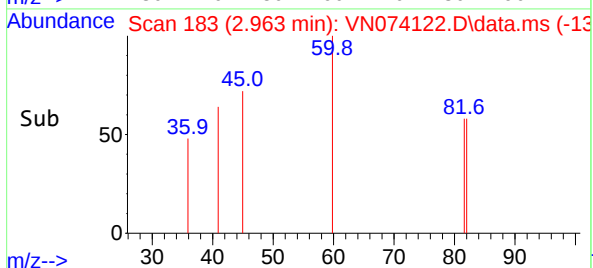
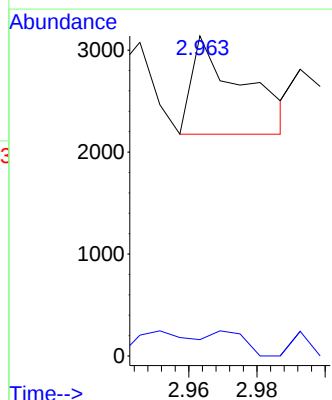
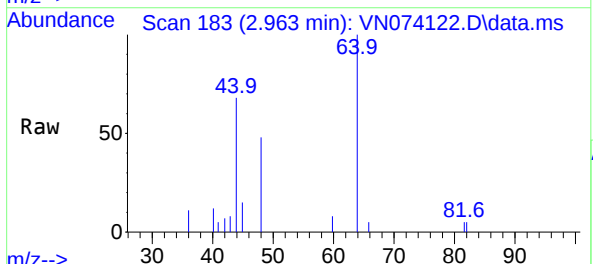
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20220818DL

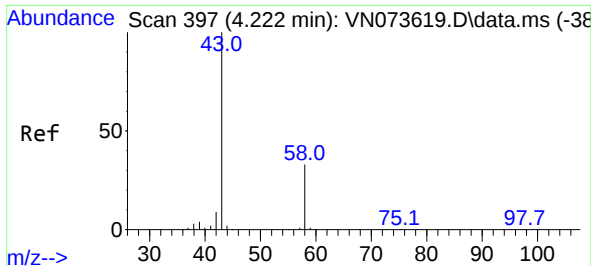
Tgt Ion:168 Resp: 590810
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#6
Chloroethane
Concen: 0.210 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Tgt Ion: 64 Resp: 991
Ion Ratio Lower Upper
64 100
66 16.7 26.2 39.4#





#16

Acetone

Concen: 0.960 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN074122.D

Acq: 25 Aug 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

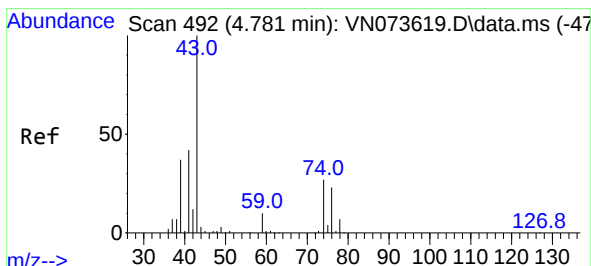
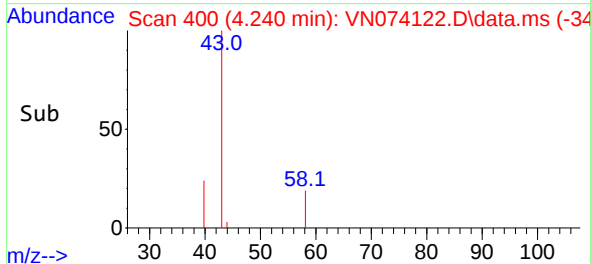
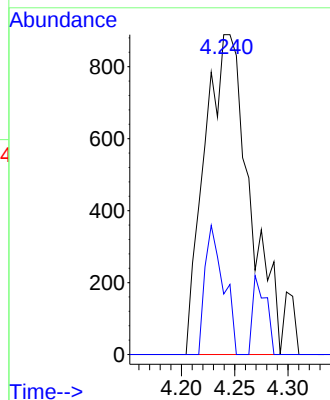
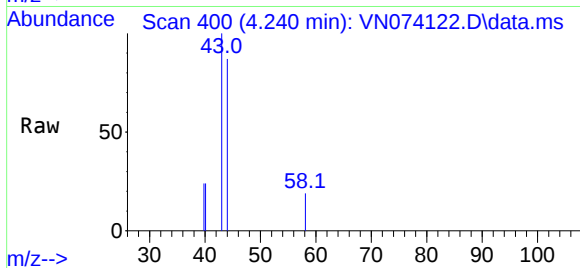
RE103D3-20220818DL

Tgt Ion: 43 Resp: 2607

Ion Ratio Lower Upper

43 100

58 18.9 26.0 39.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.798 min Scan# 495

Delta R.T. 0.017 min

Lab File: VN074122.D

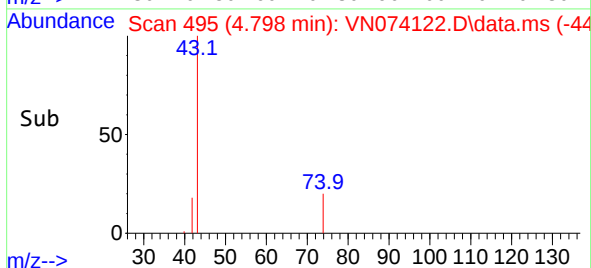
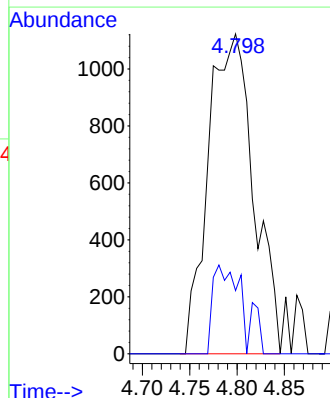
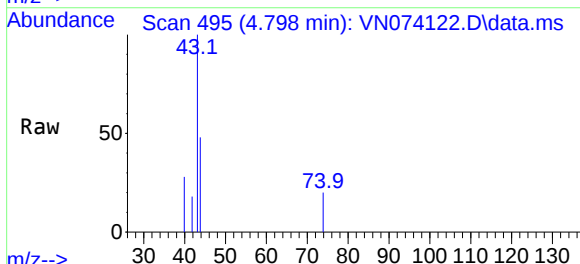
Acq: 25 Aug 2022 18:27

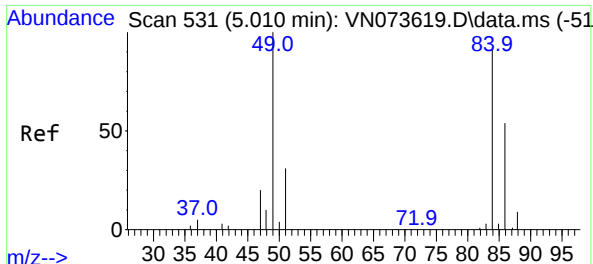
Tgt Ion: 43 Resp: 3739

Ion Ratio Lower Upper

43 100

74 15.4 21.6 32.4#

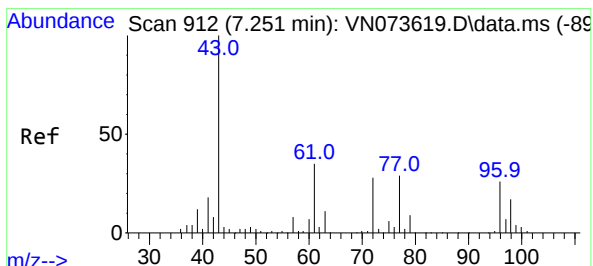
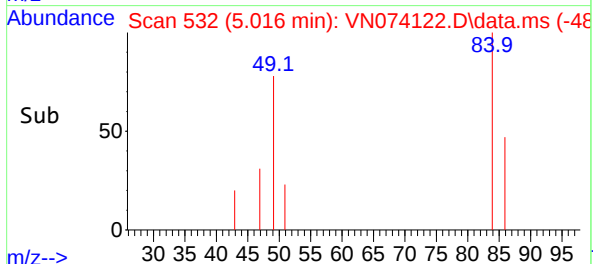
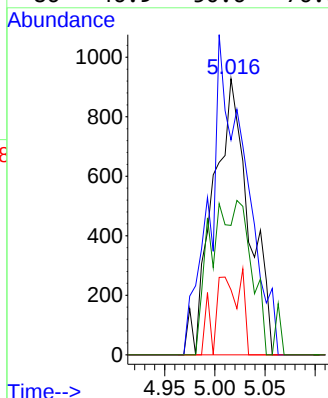
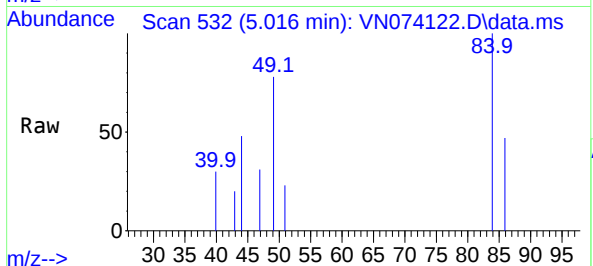




#20
Methylene Chloride
Concen: 0.403 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

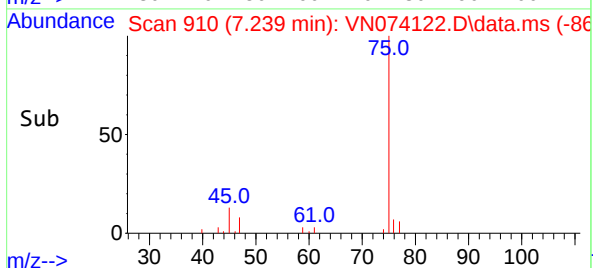
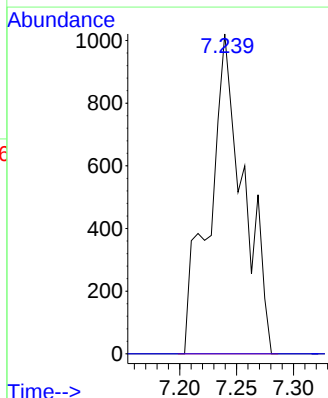
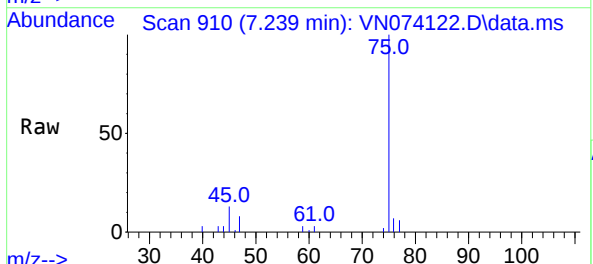
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20220818DL

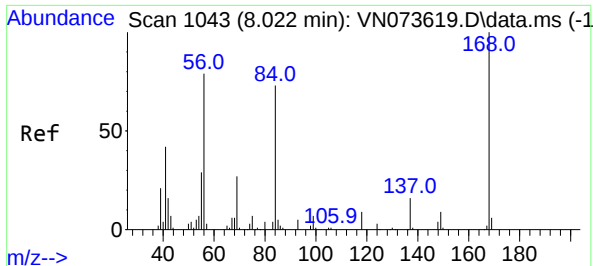
Tgt Ion:	84	Resp:	2306
Ion	Ratio	Lower	Upper
84	100		
49	77.8	88.3	132.5#
51	23.5	28.2	42.2#
86	46.9	50.6	76.0#



#26
2,2-Dichloropropane
Concen: 0.251 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Tgt Ion:	77	Resp:	2147
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.2#

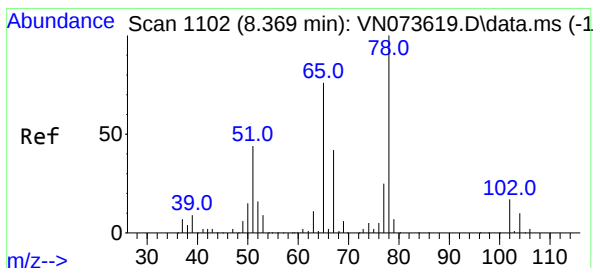
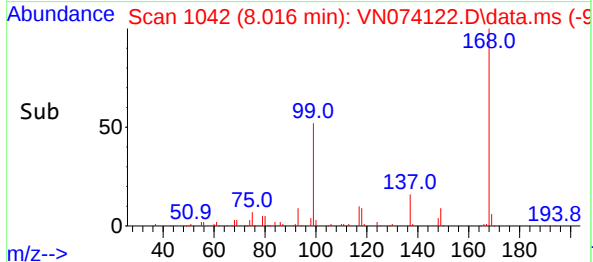
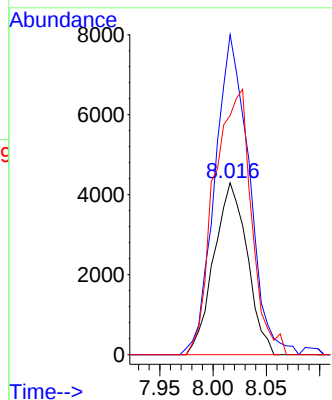
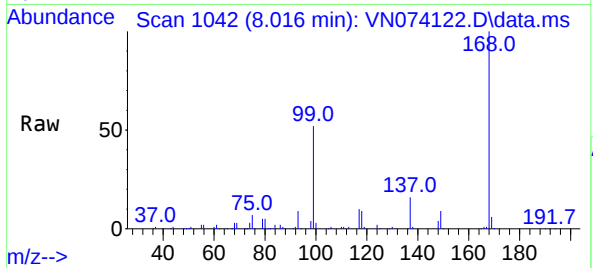




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

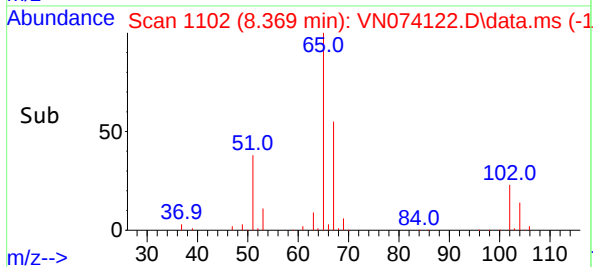
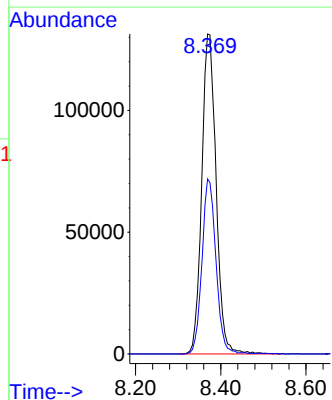
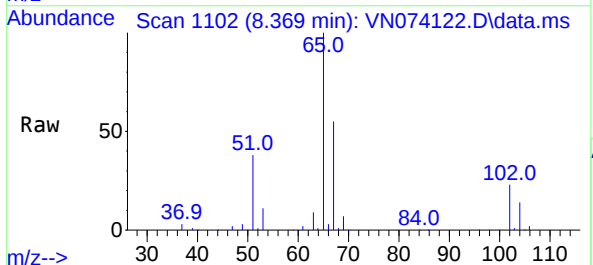
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20220818DL

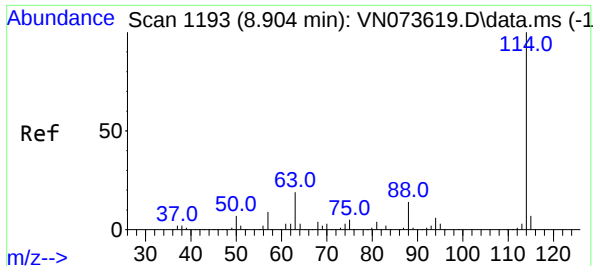
Tgt Ion: 56 Resp: 9364
Ion Ratio Lower Upper
56 100
69 186.2 27.8 41.8#
84 139.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.384 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Tgt Ion: 65 Resp: 307195
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074122.D

Acq: 25 Aug 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

RE103D3-20220818DL

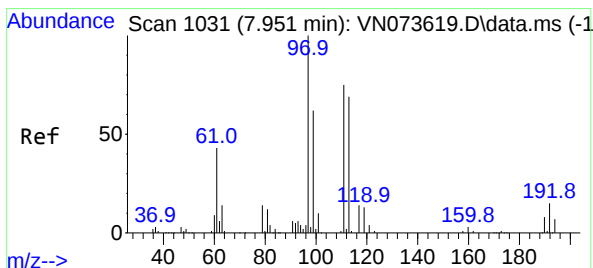
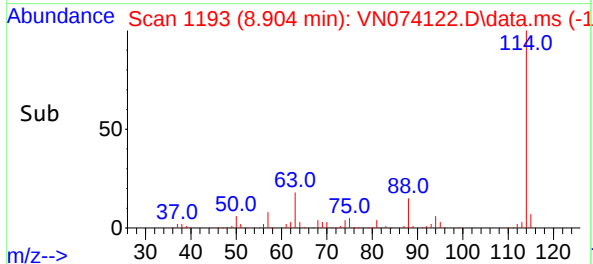
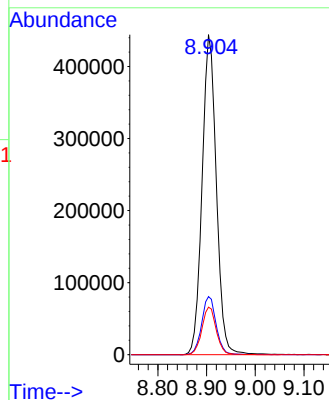
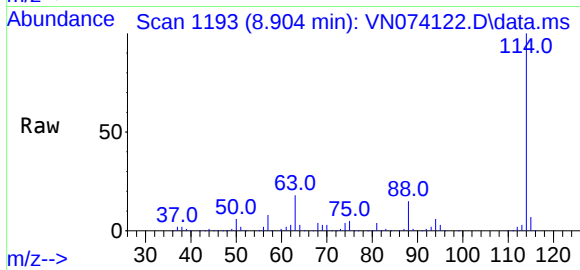
Tgt Ion:114 Resp: 902085

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074122.D

Acq: 25 Aug 2022 18:27

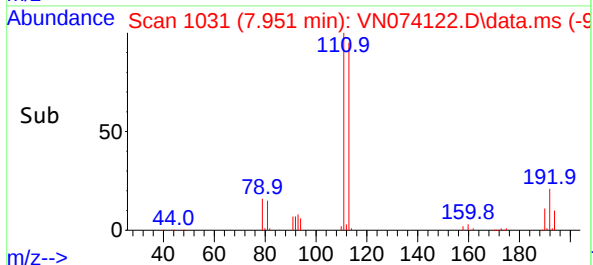
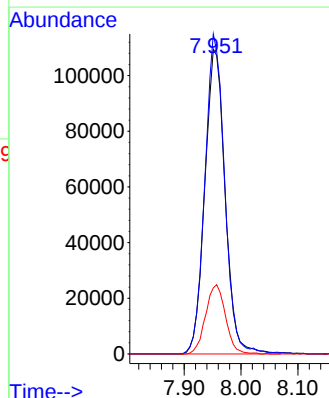
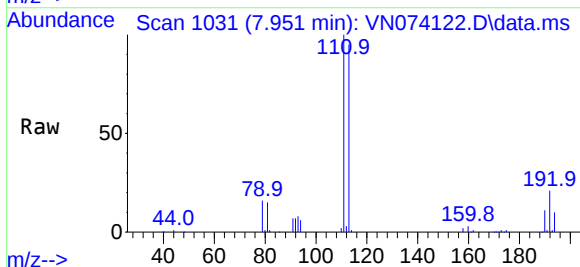
Tgt Ion:113 Resp: 270898

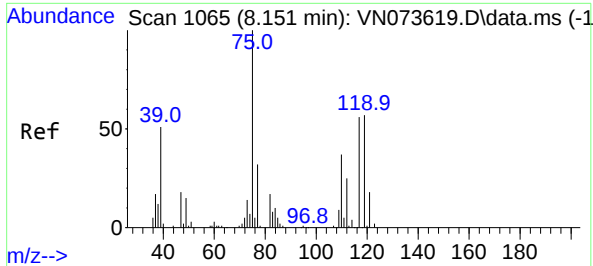
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 22.4 17.0 25.6

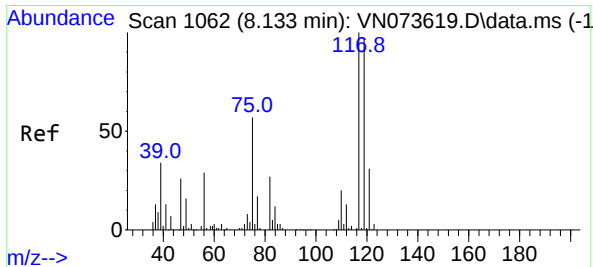
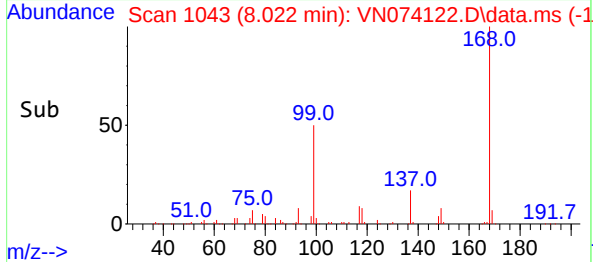
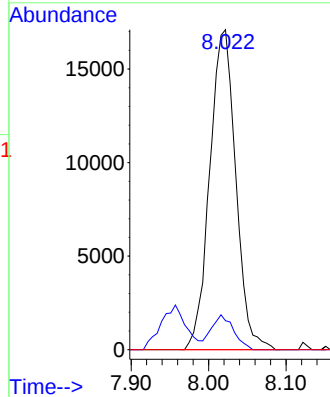
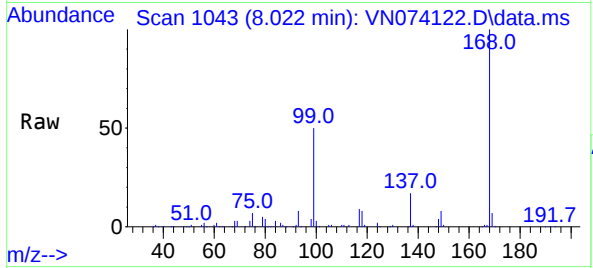




#36
1,1-Dichloropropene
Concen: 5.396 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

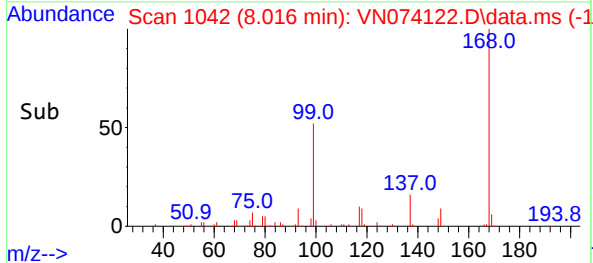
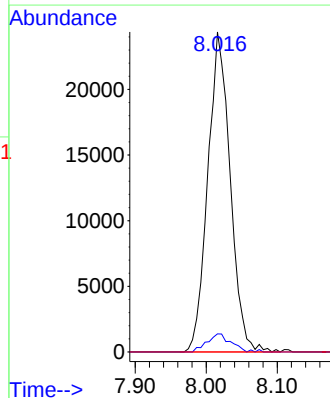
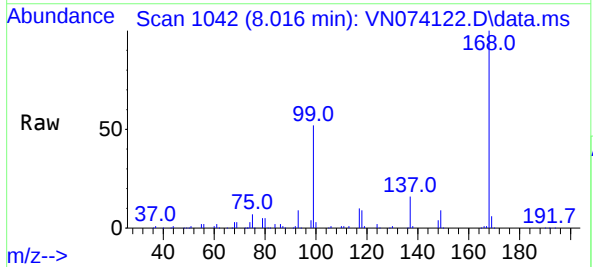
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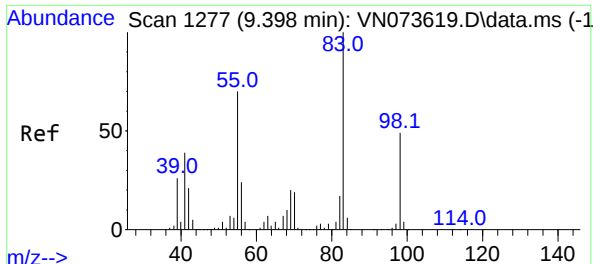
Tgt Ion:	75	Resp:	39987
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.8#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Tgt Ion:	117	Resp:	53423
Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.8	113.8#
121	0.0	24.6	37.0#





#39

Methylcyclohexane

Concen: 0.243 ug/l

RT: 9.151 min Scan# 1144

Delta R.T. -0.247 min

Lab File: VN074122.D

Acq: 25 Aug 2022 18:27

Instrument :

MSVOA_N

ClientSampleId :

RE103D3-20220818DL

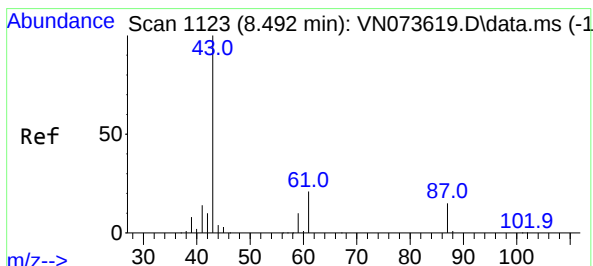
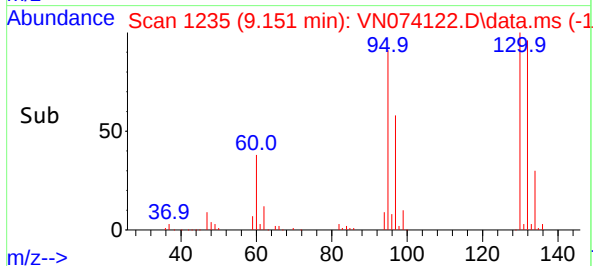
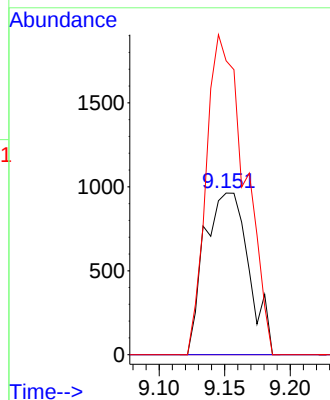
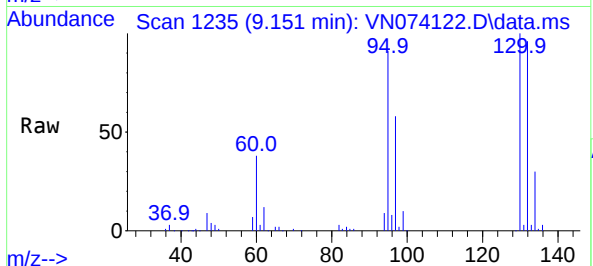
Tgt Ion: 83 Resp: 2258

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 181.8 39.4 59.2#



#43

Isopropyl Acetate

Concen: 0.814 ug/l

RT: 8.616 min Scan# 1144

Delta R.T. 0.124 min

Lab File: VN074122.D

Acq: 25 Aug 2022 18:27

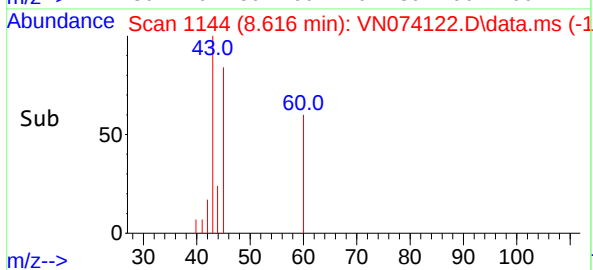
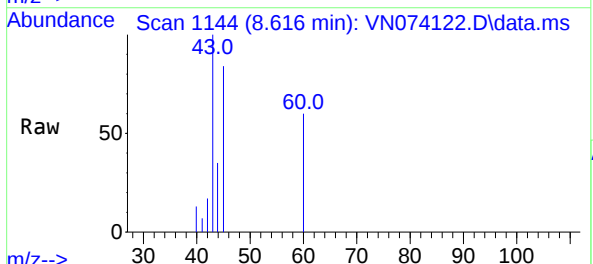
Tgt Ion: 43 Resp: 10413

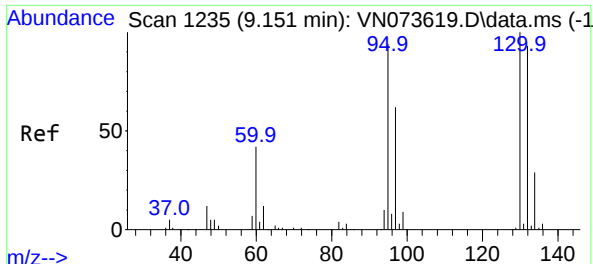
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

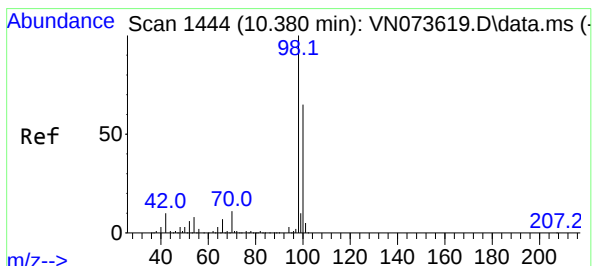
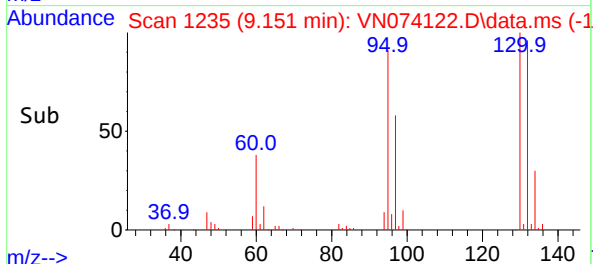
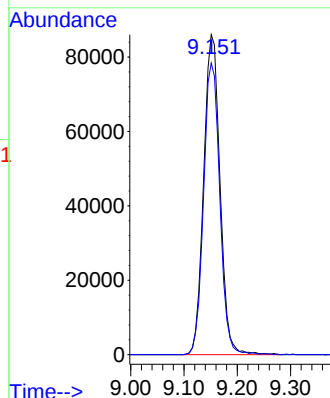
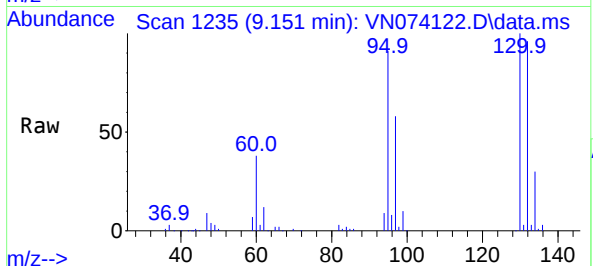




#44
Trichloroethene
Concen: 27.130 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

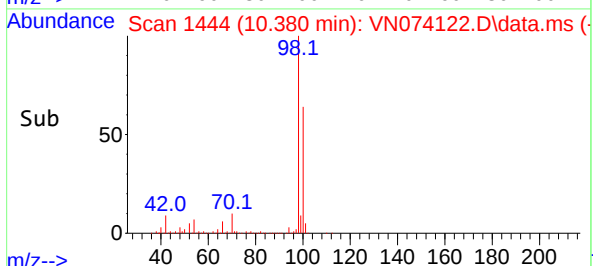
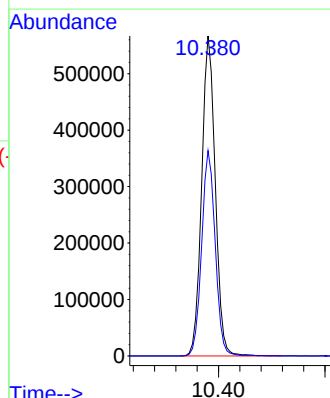
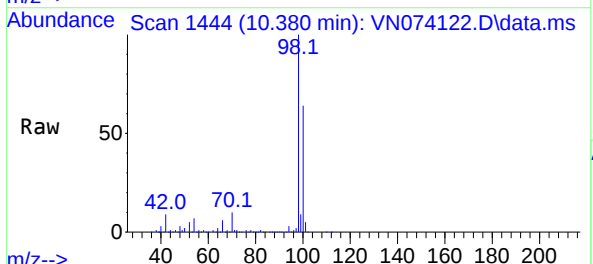
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20220818DL

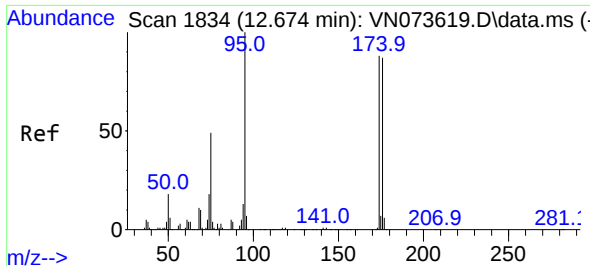
Tgt Ion:130 Resp: 183261
Ion Ratio Lower Upper
130 100
95 91.1 0.0 186.8



#50
Toluene-d8
Concen: 48.512 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Tgt Ion: 98 Resp: 1002320
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



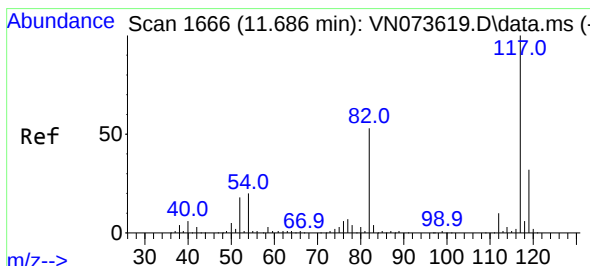
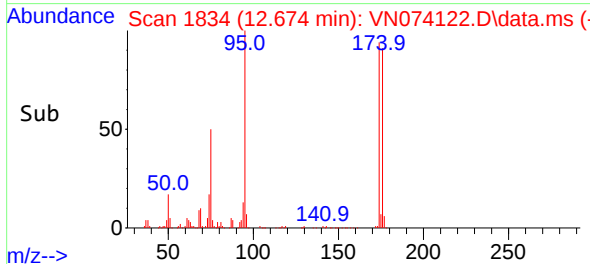
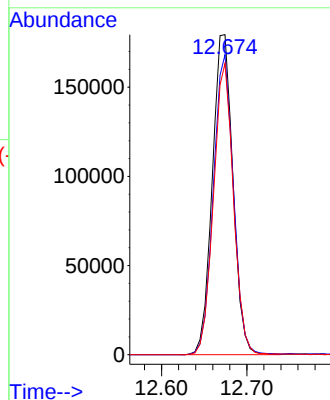
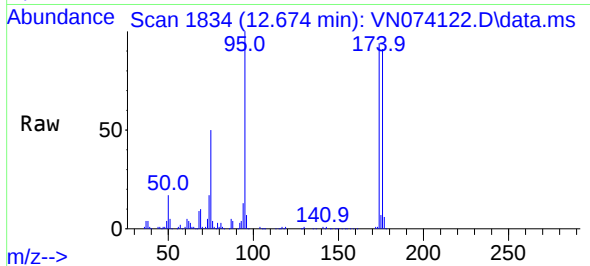


#62
4-Bromofluorobenzene
Concen: 43.958 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20220818DL

Tgt Ion: 95 Resp: 301426

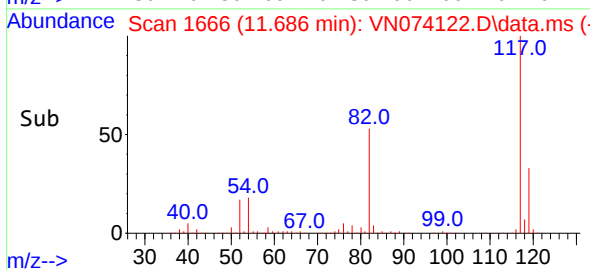
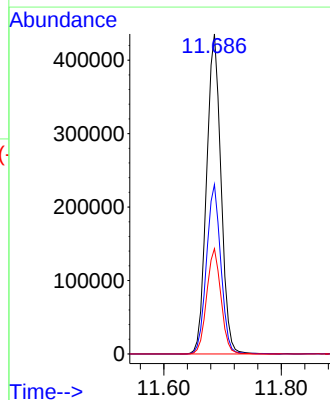
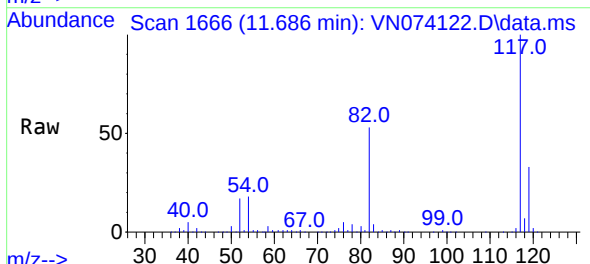
Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	167.6
176	88.1	0.0	163.4

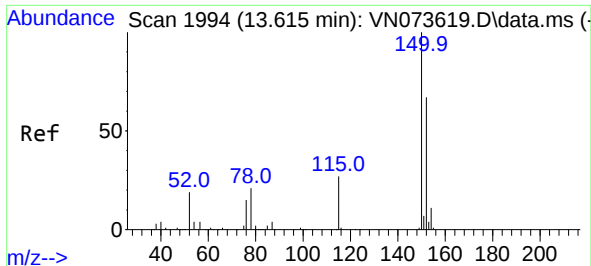


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Tgt Ion: 117 Resp: 740346

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.2	66.2
119	32.9	25.4	38.0

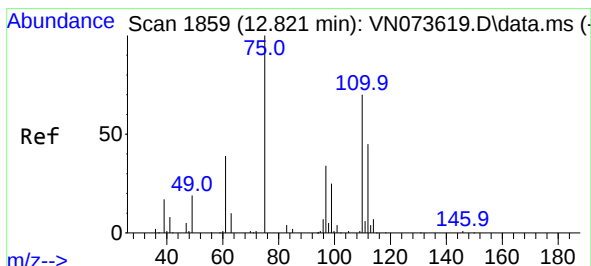
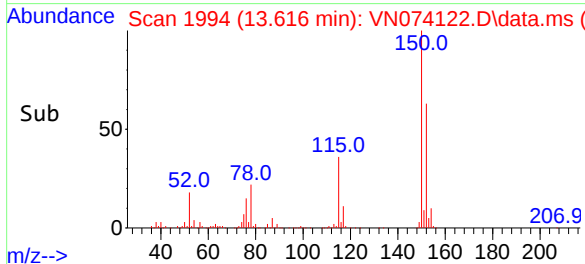
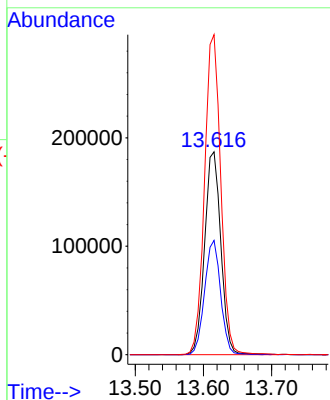
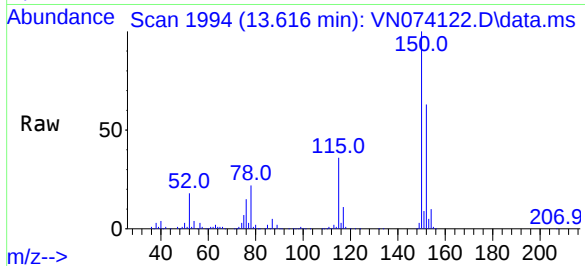




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

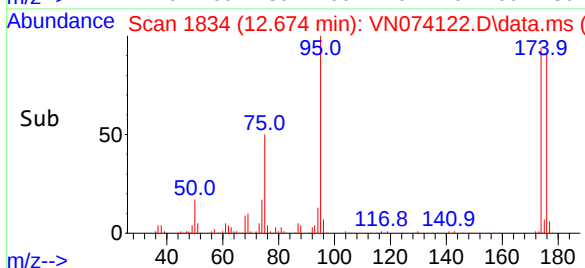
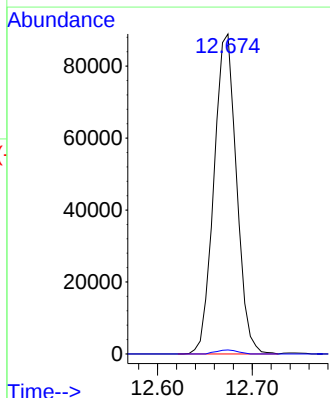
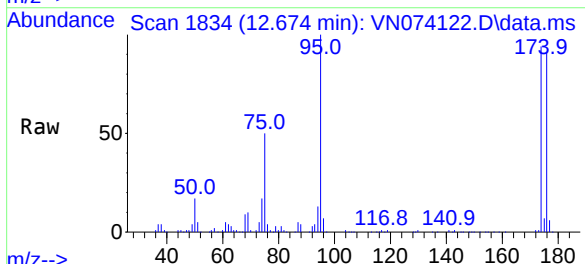
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20220818DL

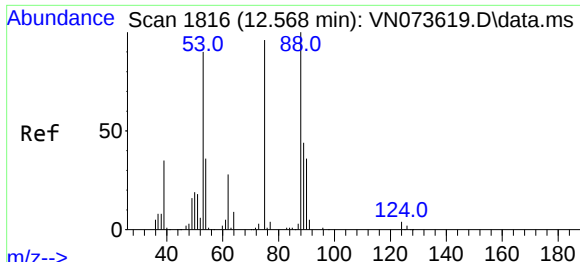
Tgt Ion:152 Resp: 310148
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 157.7 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 22.904 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Tgt Ion: 75 Resp: 147645
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.142 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN074122.D
Acq: 25 Aug 2022 18:27

Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20220818DL

Tgt Ion: 75 Resp: 147645
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

