

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075453.D
 Acq On : 28 Nov 2022 16:59
 Operator : JC\MD
 Sample : N5757-07DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137D7-20221121DL

Quant Time: Nov 29 05:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

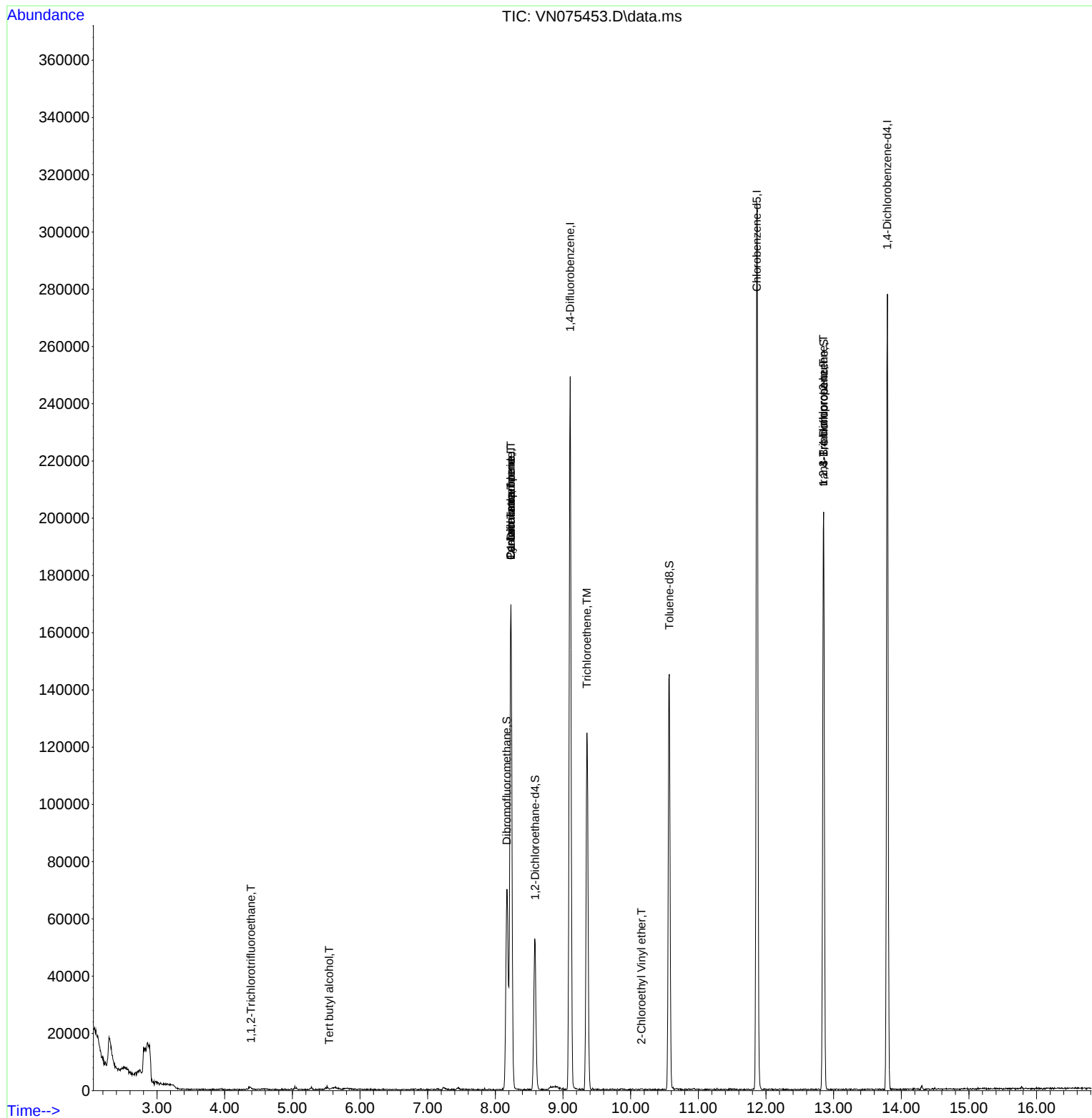
Internal Standards						
1) Pentafluorobenzene	8.229	168	128223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	224668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	196095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	42569	61.848	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.700%	
35) Dibromofluoromethane	8.171	113	51230	58.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.100%	
50) Toluene-d8	10.571	98	105686	53.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.853	95	71765	48.913	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.820%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.389	101	472	0.389	ug/l #	20
11) Tert butyl alcohol	5.541	59	60	0.208	ug/l #	72
18) Methyl Acetate	5.036	43	517	Below Cal	#	68
20) Methylene Chloride	5.283	84	536	Below Cal	#	58
31) Cyclohexane	8.229	56	2340	1.070	ug/l #	21
36) 1,1-Dichloropropene	8.229	75	10051	5.222	ug/l #	50
38) Carbon Tetrachloride	8.229	117	13570	6.418	ug/l #	16
44) Trichloroethene	9.353	130	47680	29.571	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.159	63	163	0.216	ug/l #	44
76) 1,2,3-Trichloropropane	12.847	75	36195	24.697	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	36195	73.072	ug/l #	10

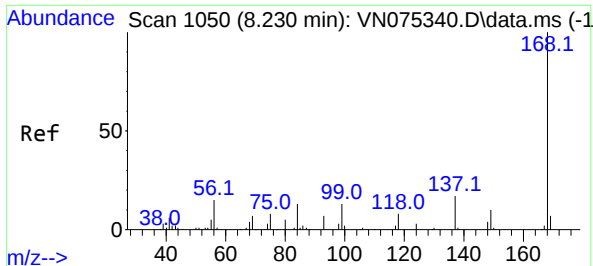
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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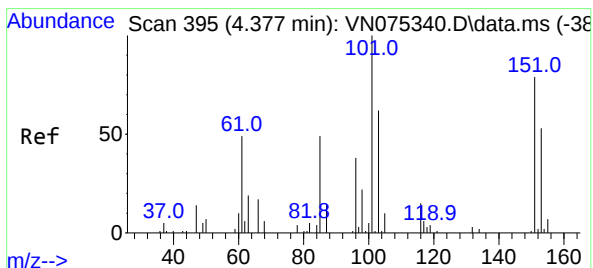
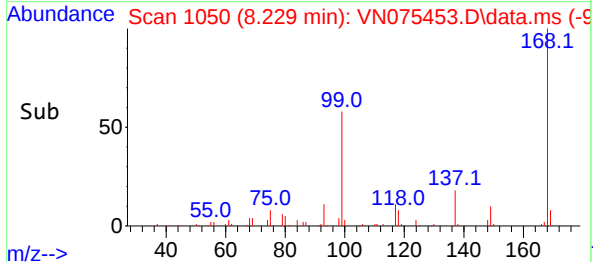
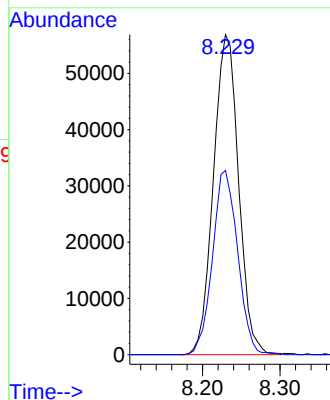
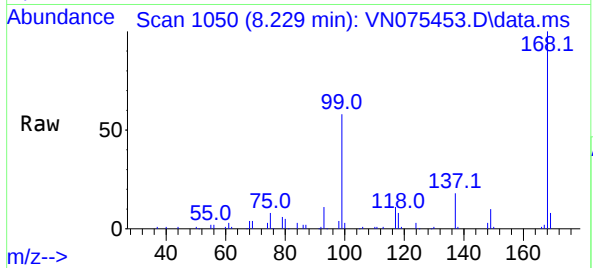




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

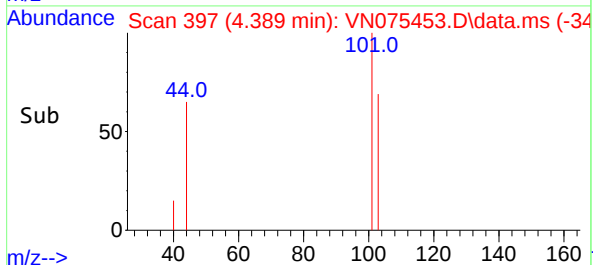
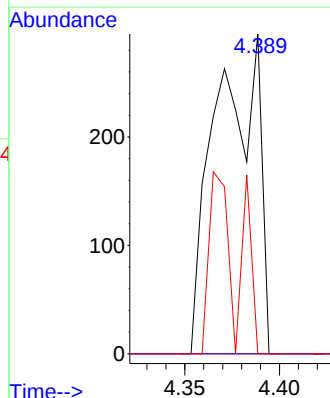
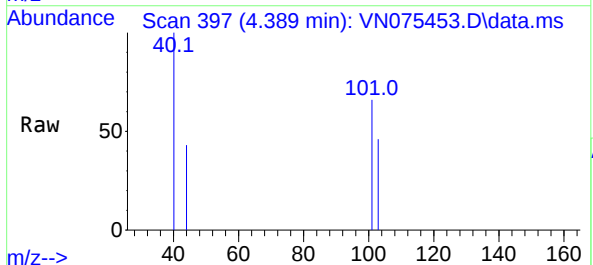
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121DL

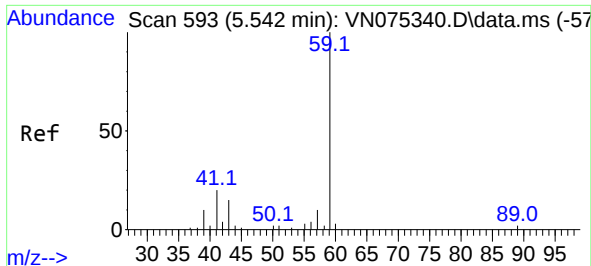
Tgt Ion:168 Resp: 128223
Ion Ratio Lower Upper
168 100
99 57.6 51.6 77.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.389 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

Tgt Ion:101 Resp: 472
Ion Ratio Lower Upper
101 100
85 0.0 37.6 56.4#
151 0.0 58.3 87.5#





#11

Tert butyl alcohol

Concen: 0.208 ug/l

RT: 5.541 min Scan# 59

Delta R.T. -0.001 min

Lab File: VN075453.D

Acq: 28 Nov 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

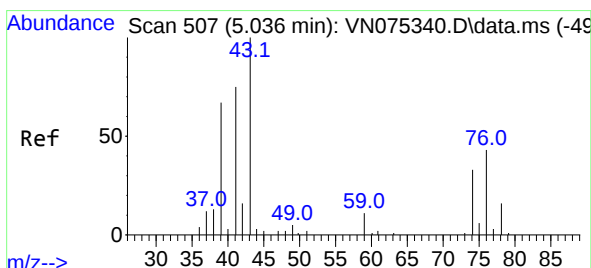
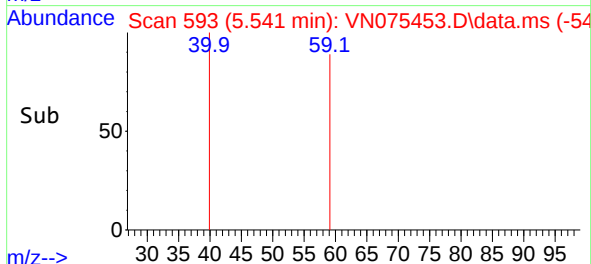
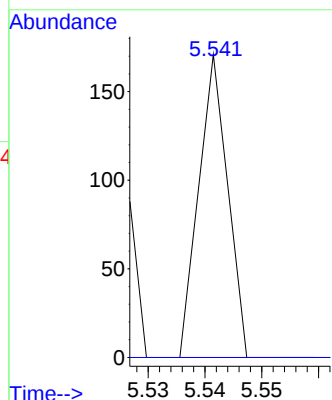
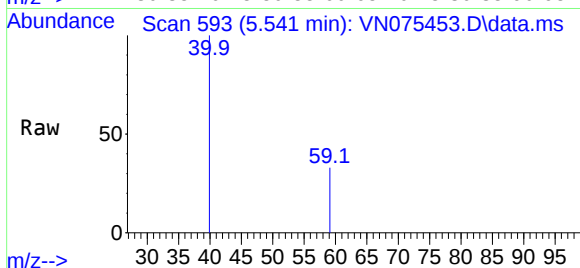
RE137D7-20221121DL

Tgt Ion: 59 Resp: 60

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN075453.D

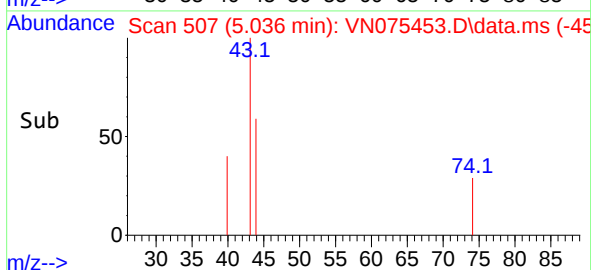
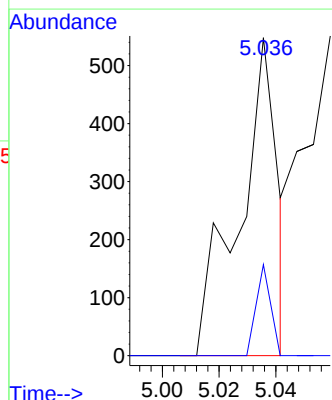
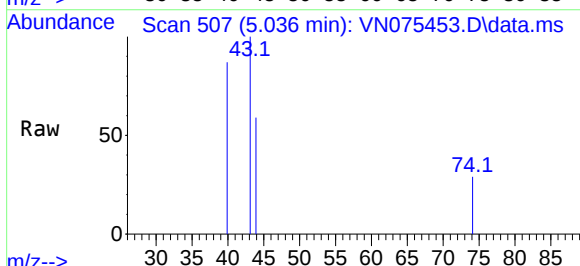
Acq: 28 Nov 2022 16:59

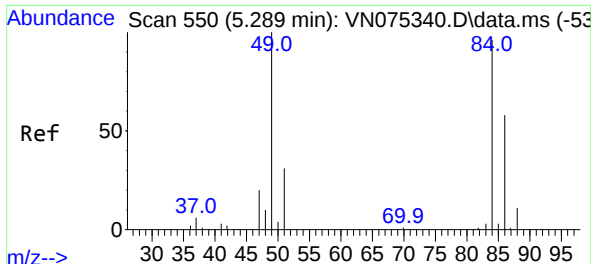
Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

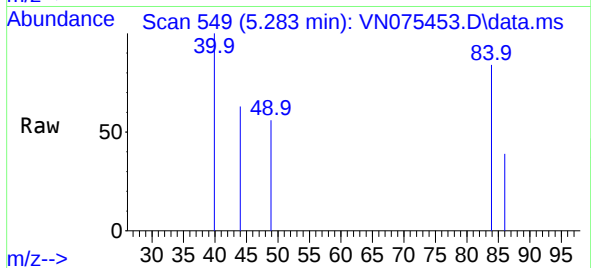
74 10.6 22.0 33.0#



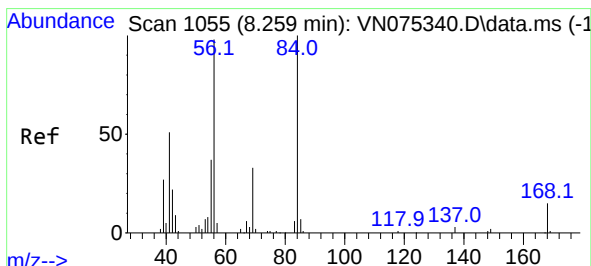
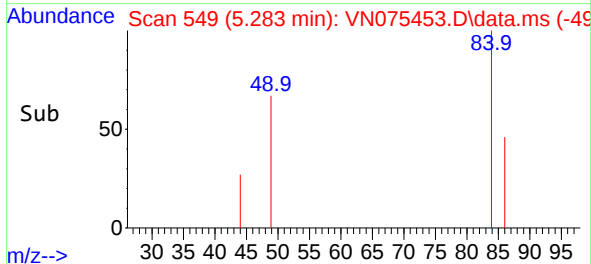
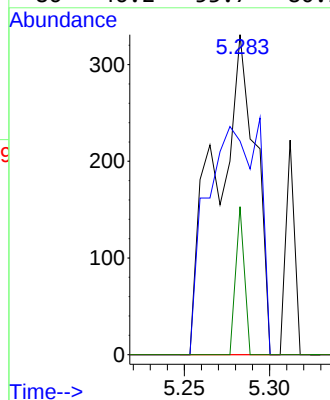


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121DL

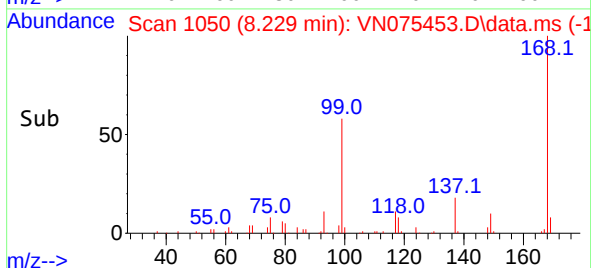
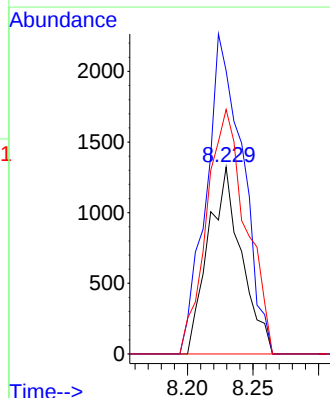
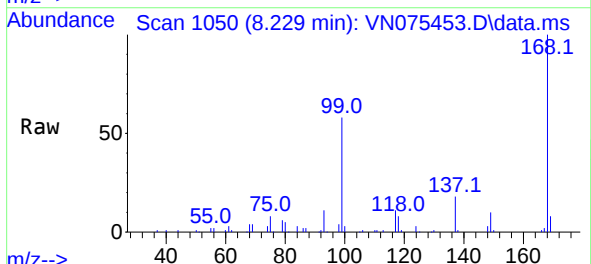


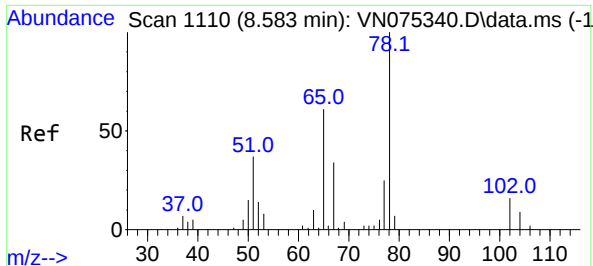
Tgt Ion:	84	Resp:	536
Ion	Ratio	Lower	Upper
84	100		
49	66.8	94.9	142.3#
51	0.0	26.8	40.2#
86	46.2	53.7	80.5#



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

Tgt Ion:	56	Resp:	2340
Ion	Ratio	Lower	Upper
56	100		
69	151.5	25.2	37.8#
84	130.8	77.8	116.8#





#33

1,2-Dichloroethane-d4

Concen: 61.848 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.005 min

Lab File: VN075453.D

Acq: 28 Nov 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

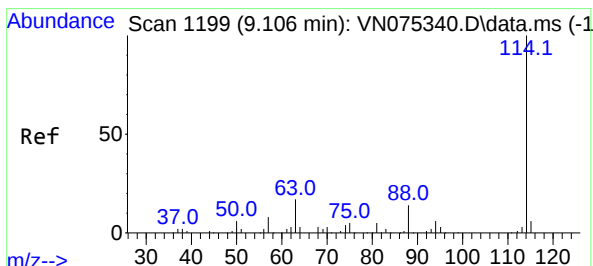
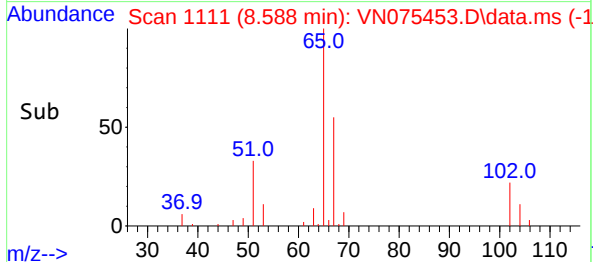
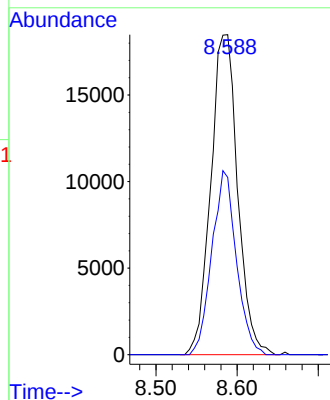
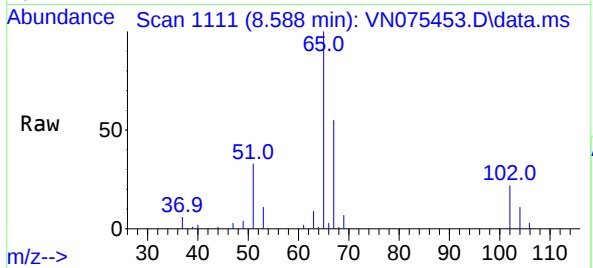
RE137D7-20221121DL

Tgt Ion: 65 Resp: 42569

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075453.D

Acq: 28 Nov 2022 16:59

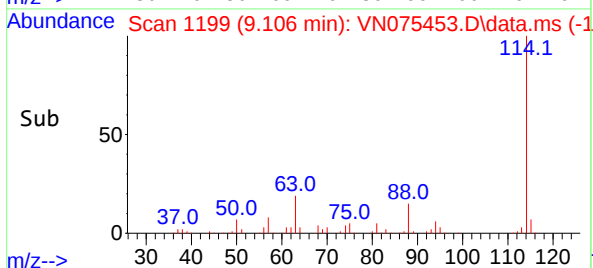
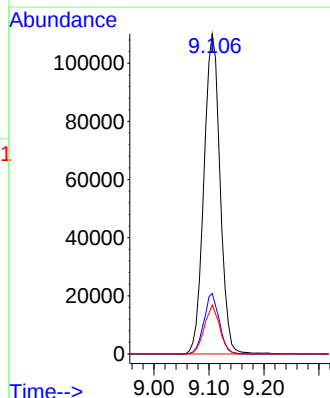
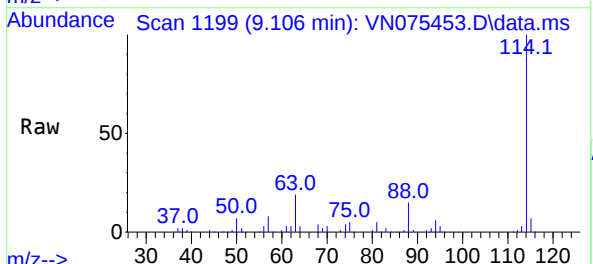
Tgt Ion:114 Resp: 224668

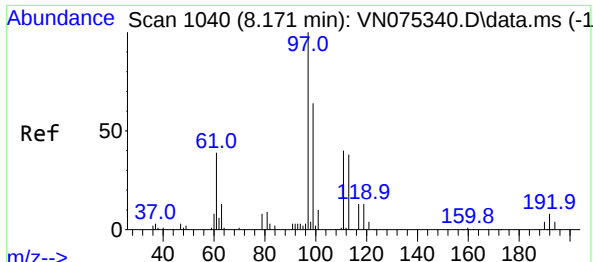
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

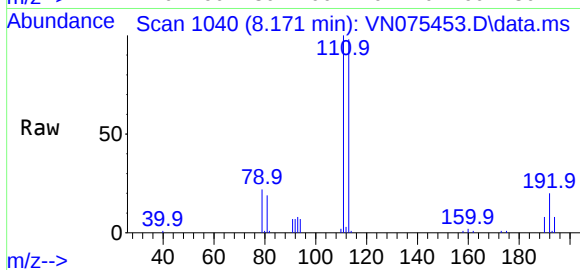
88 15.3 0.0 29.0



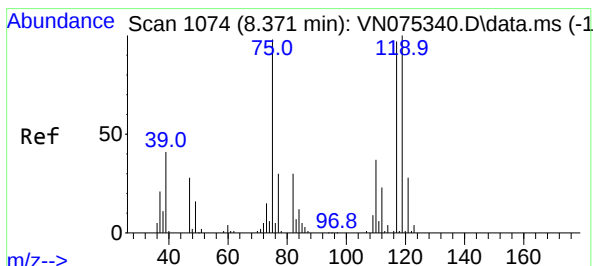
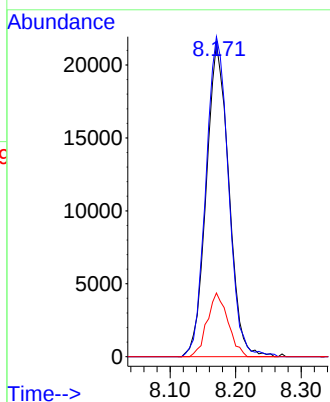
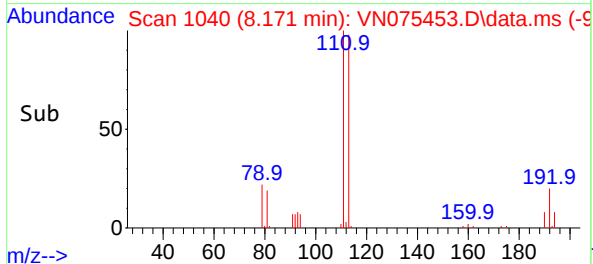


#35
Dibromofluoromethane
Concen: 58.046 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

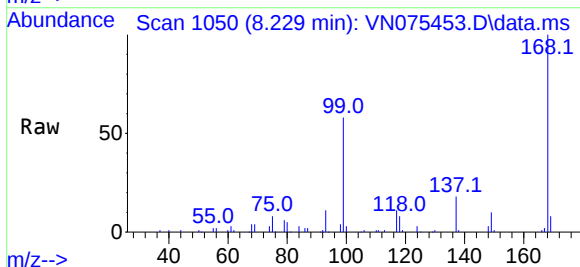
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121DL



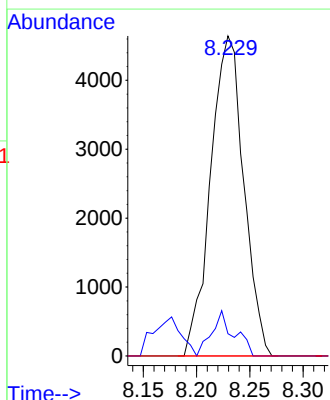
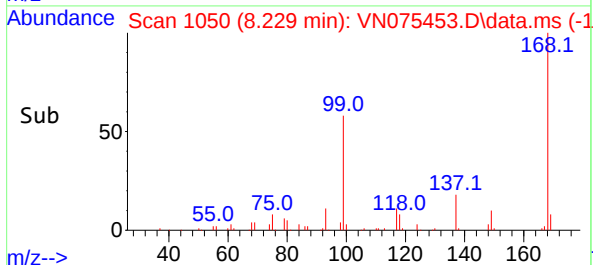
Tgt Ion:113 Resp: 51230
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 18.7 13.2 19.8

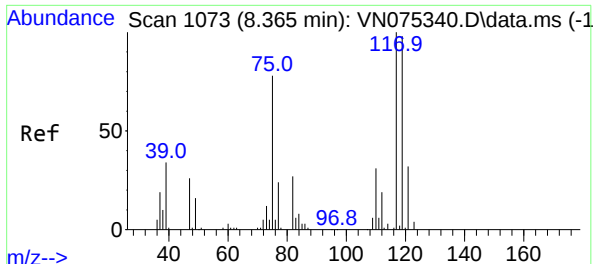


#36
1,1-Dichloropropene
Concen: 5.222 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59



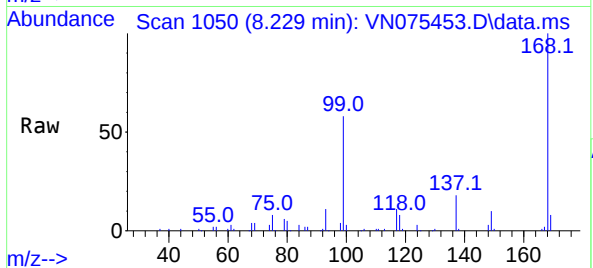
Tgt Ion: 75 Resp: 10051
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 24.6 37.0#



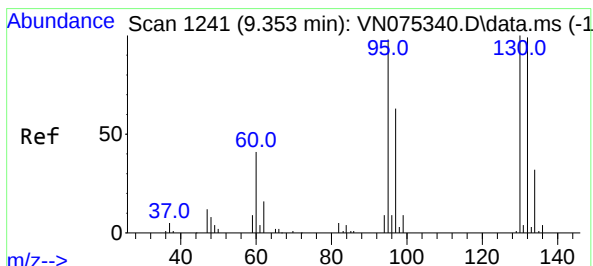
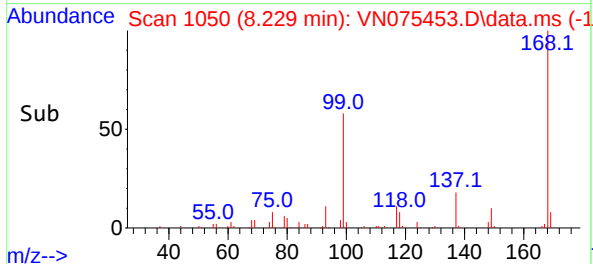
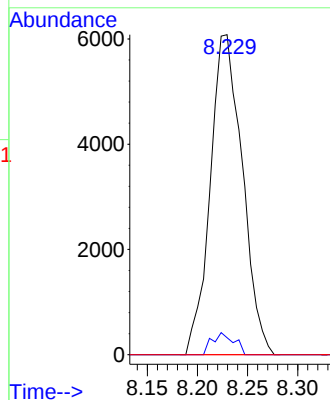


#38
Carbon Tetrachloride
Concen: 6.418 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121DL

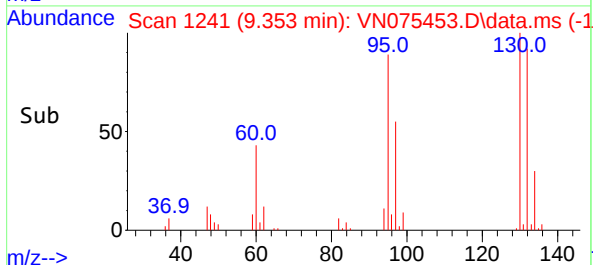
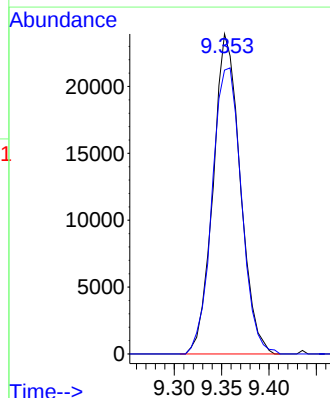
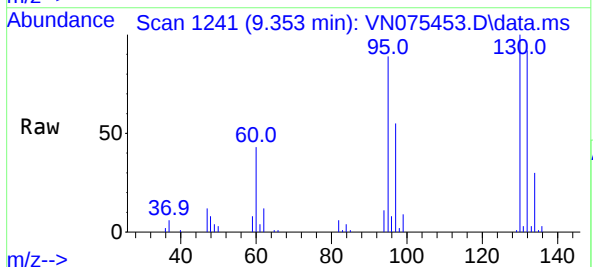


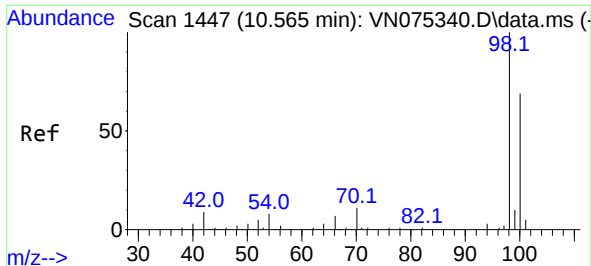
Tgt Ion:117 Resp: 13570
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 29.571 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

Tgt Ion:130 Resp: 47680
Ion Ratio Lower Upper
130 100
95 88.7 0.0 198.4

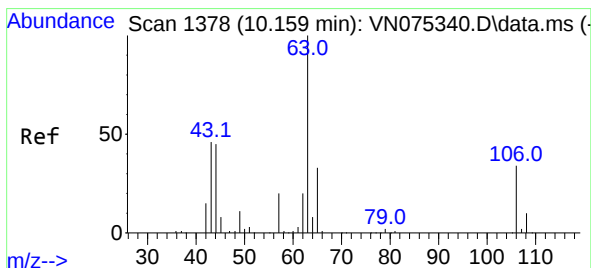
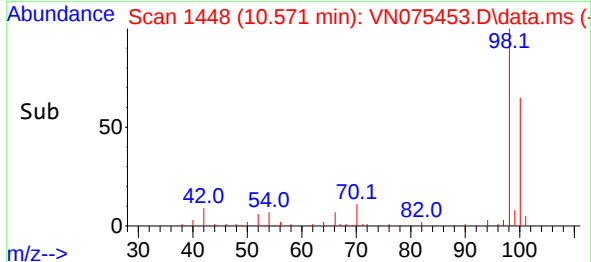
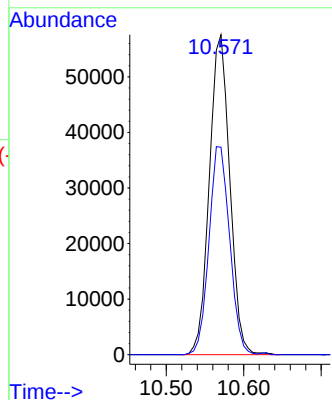
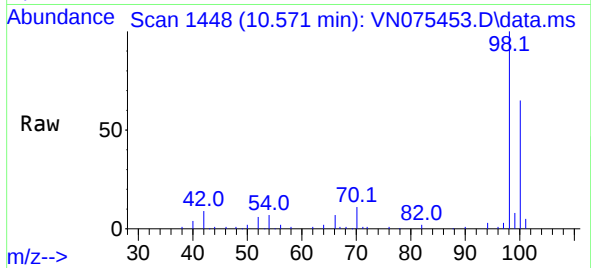




#50
Toluene-d8
Concen: 53.167 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

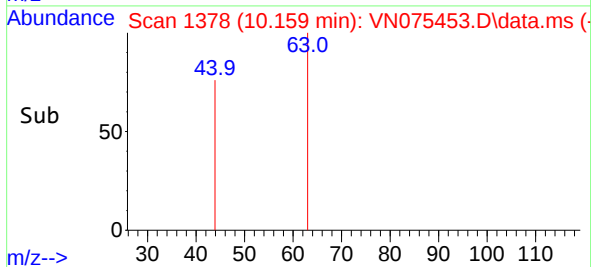
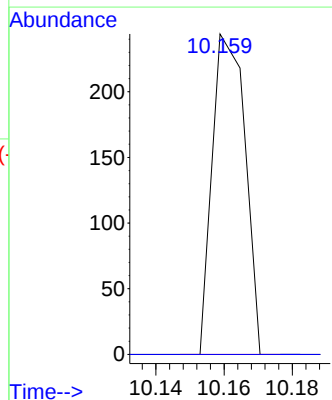
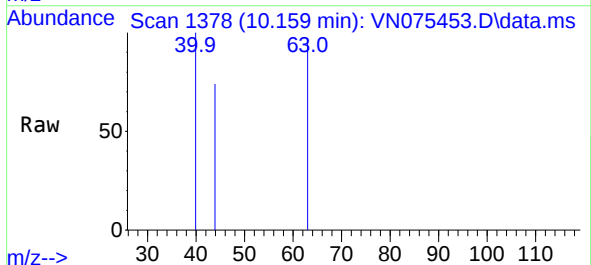
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121DL

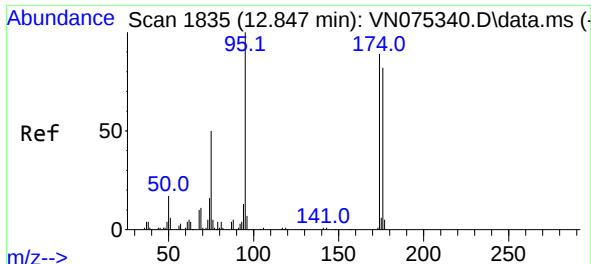
Tgt Ion: 98 Resp: 105686
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.216 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

Tgt Ion: 63 Resp: 163
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#

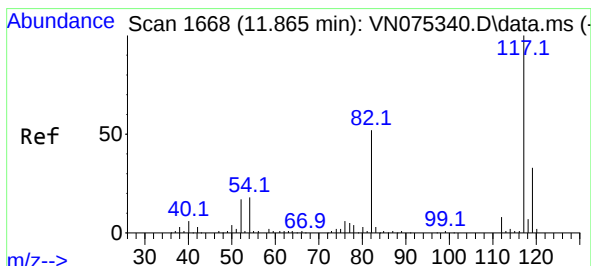
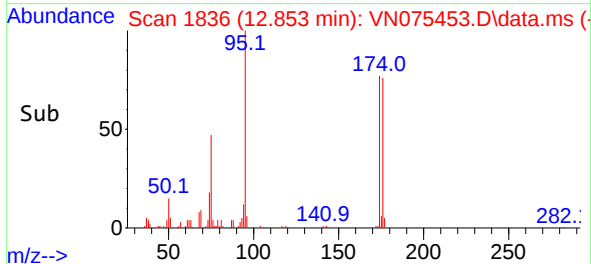
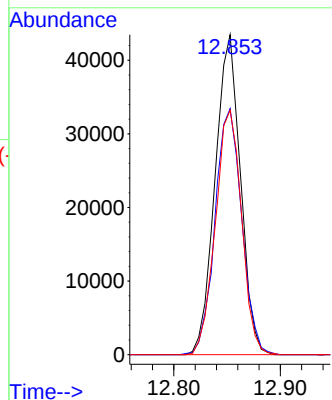
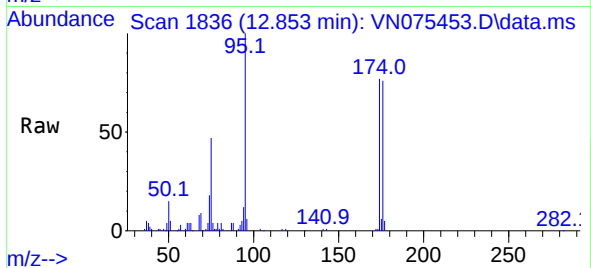




#62
4-Bromofluorobenzene
Concen: 48.913 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

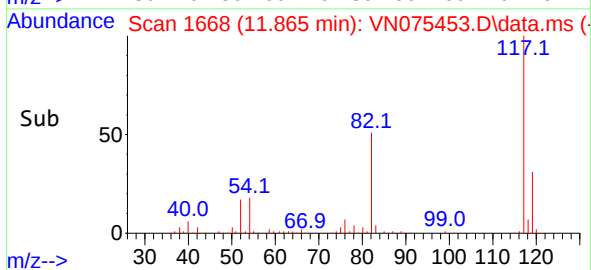
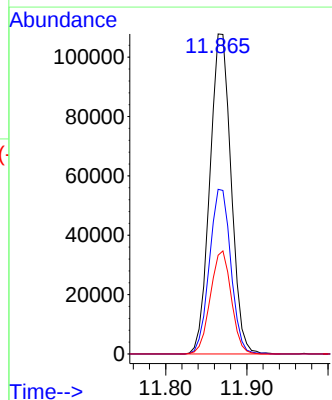
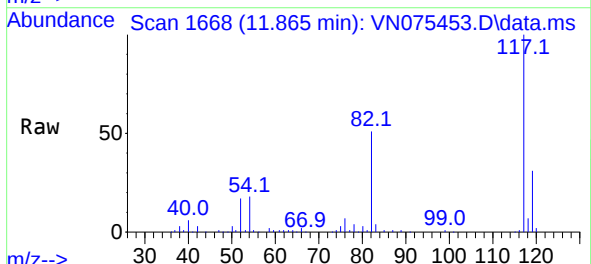
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121DL

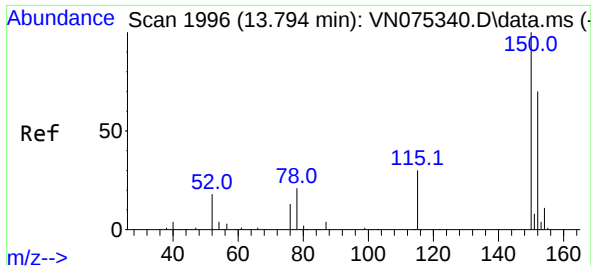
Tgt Ion:	95	Resp:	71765
Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	147.4
176	78.8	0.0	142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

Tgt Ion:	117	Resp:	196095
Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.1	64.7
119	30.8	25.5	38.3

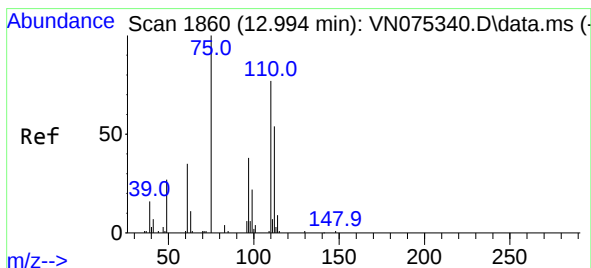
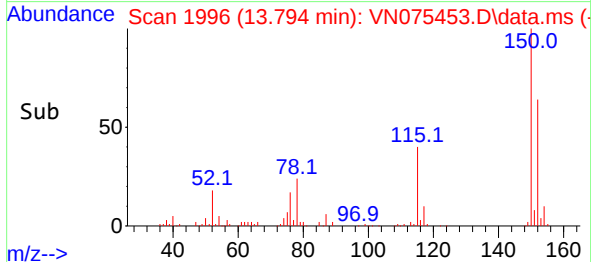
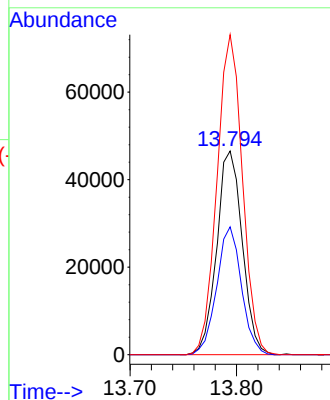
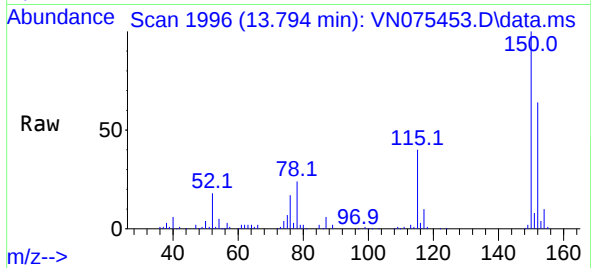




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

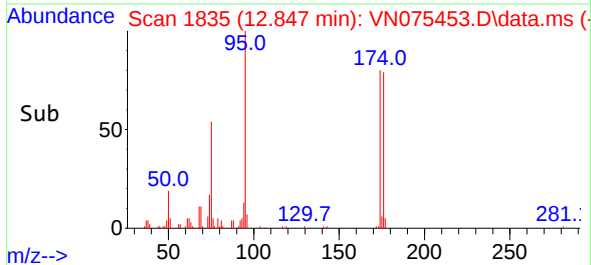
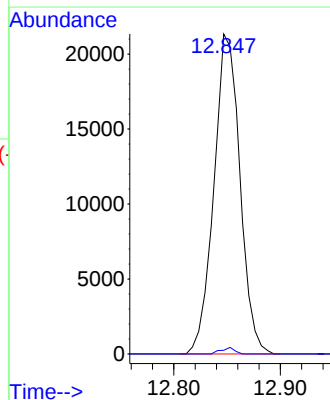
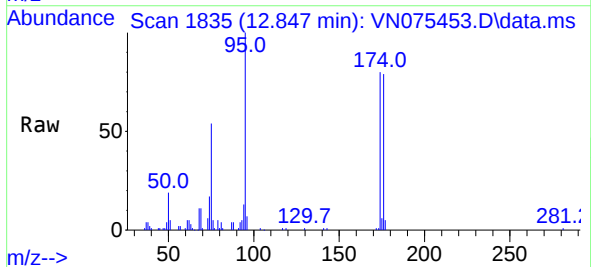
Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121DL

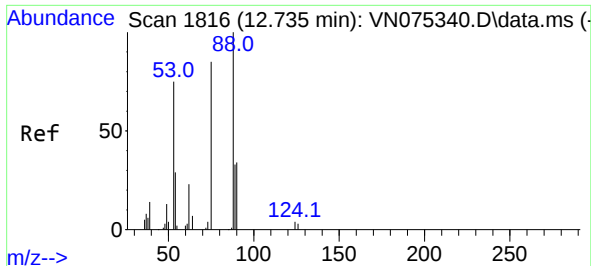
Tgt Ion:152 Resp: 77514
Ion Ratio Lower Upper
152 100
115 60.8 30.2 90.6
150 156.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 24.697 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

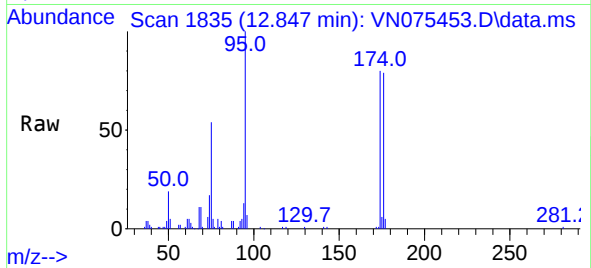
Tgt Ion: 75 Resp: 36195
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.072 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075453.D
Acq: 28 Nov 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
RE137D7-20221121DL



Tgt Ion: 75 Resp: 36195
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

