

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075432.D
 Acq On : 25 Nov 2022 19:41
 Operator : JC\MD
 Sample : N5757-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20221121

Quant Time: Nov 28 03:39:06 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)

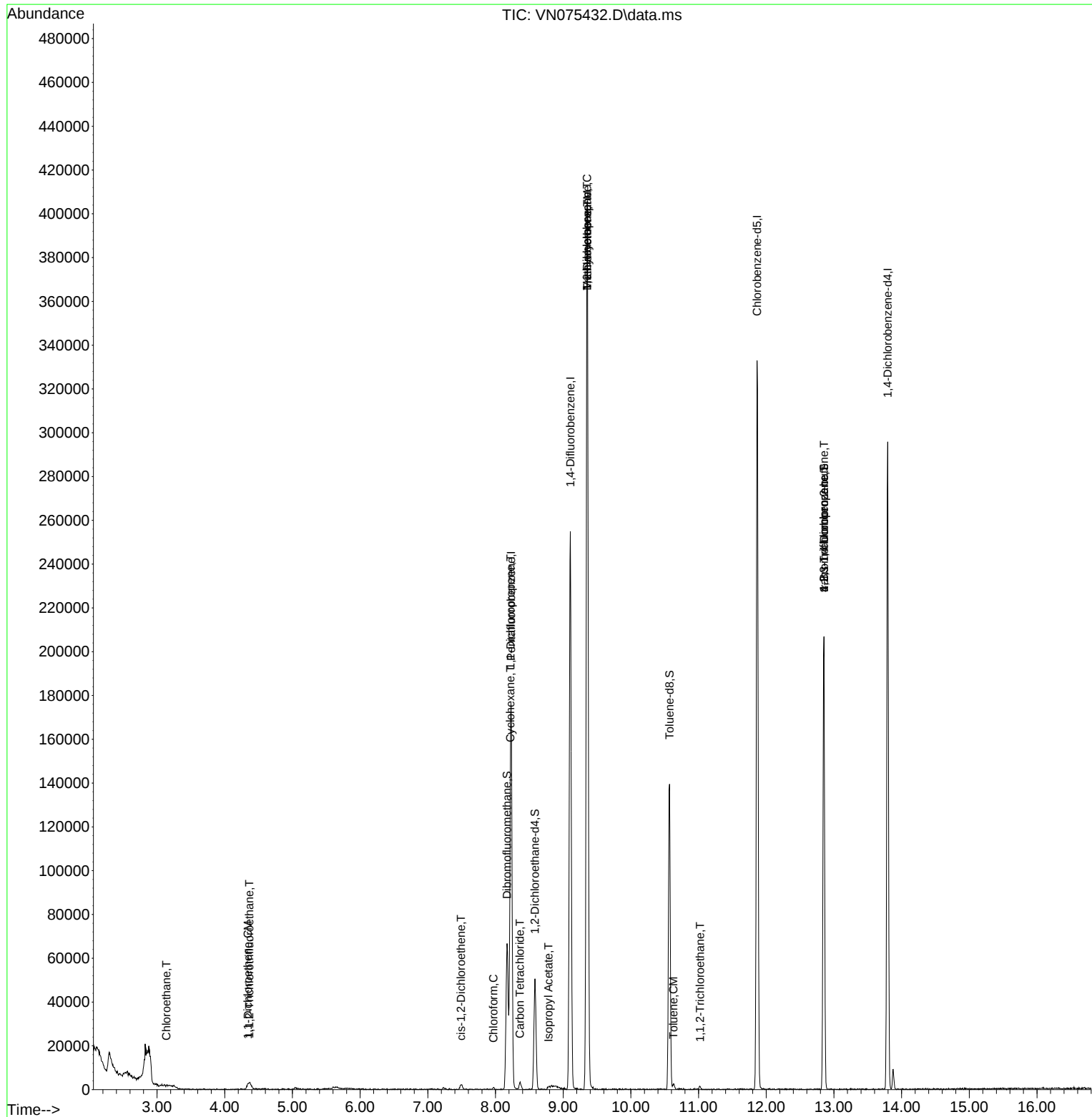
Internal Standards						
1) Pentafluorobenzene	8.230	168	135759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	39884	54.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.460%	
35) Dibromofluoromethane	8.171	113	47593	50.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.540%	
50) Toluene-d8	10.571	98	104103	49.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	12.853	95	71338	45.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.540%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.136	64	406	0.329	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.365	101	870	0.678	ug/l #	50
12) 1,1-Dichloroethene	4.342	96	1671	1.329	ug/l #	78
18) Methyl Acetate	5.036	43	864	Below Cal	#	73
27) cis-1,2-Dichloroethene	7.489	96	1650	1.018	ug/l	71
30) Chloroform	7.971	83	813	0.297	ug/l #	62
31) Cyclohexane	8.218	56	2502	1.081	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	10244	5.011	ug/l #	50
38) Carbon Tetrachloride	8.359	117	2513	1.119	ug/l #	67
39) Methylcyclohexane	9.353	83	1756	0.686	ug/l #	1
43) Isopropyl Acetate	8.783	43	1009	0.341	ug/l #	53
44) Trichloroethene	9.359	130	153897	89.855	ug/l	94
45) 1,2-Dichloropropane	9.353	63	378	0.253	ug/l #	1
52) Toluene	10.630	92	1333	0.330	ug/l	84
55) 1,1,2-Trichloroethane	11.024	97	686	0.418	ug/l #	82
76) 1,2,3-Trichloropropane	12.853	75	35742	23.110	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	35742	68.378	ug/l #	10

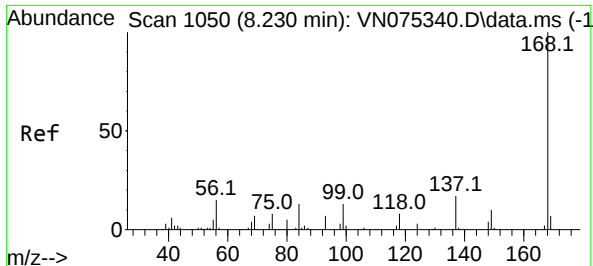
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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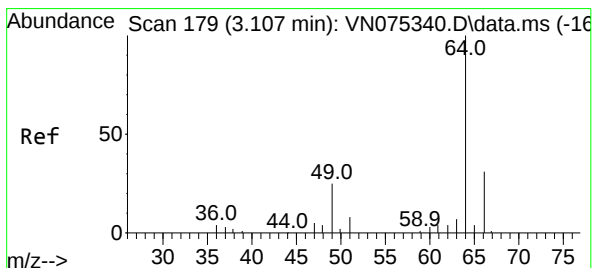
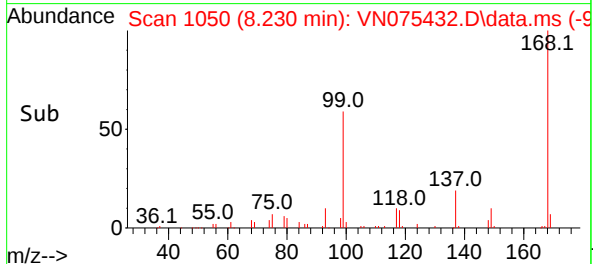
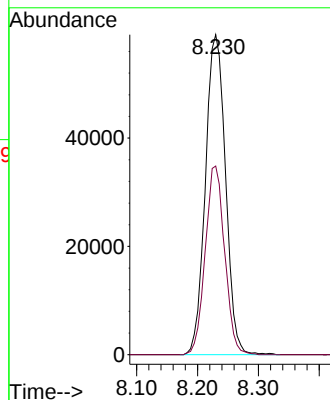
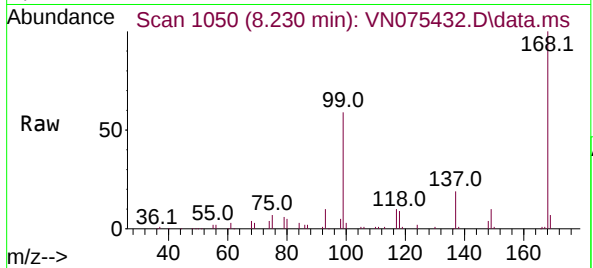




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

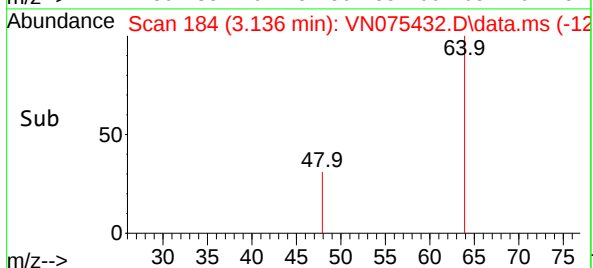
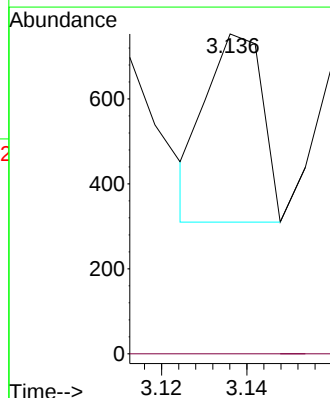
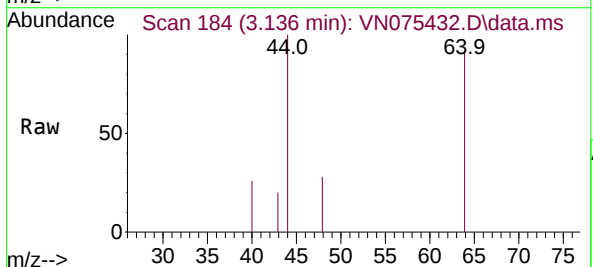
Instrument :
MSVOA_N
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RE117D1-20221121

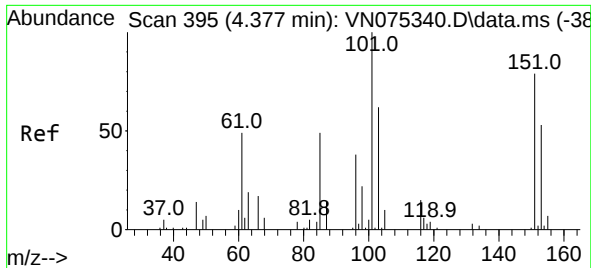
Tgt Ion:168 Resp: 135759
Ion Ratio Lower Upper
168 100
99 59.0 51.6 77.4



#6
Chloroethane
Concen: 0.329 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.029 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion: 64 Resp: 406
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

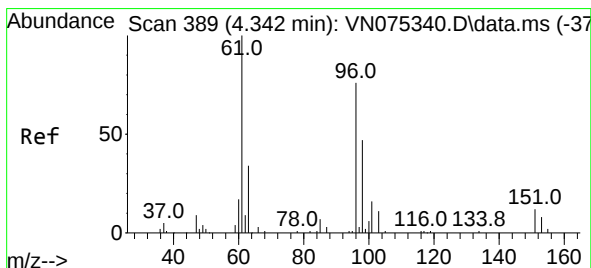
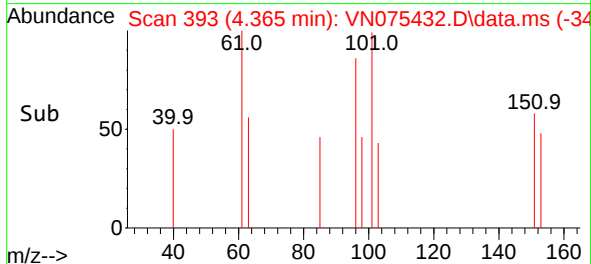
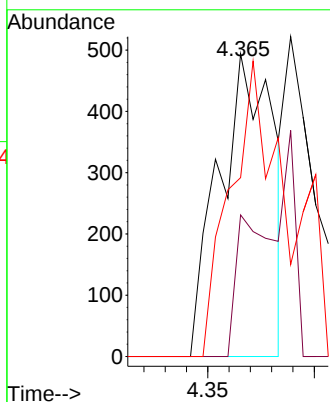
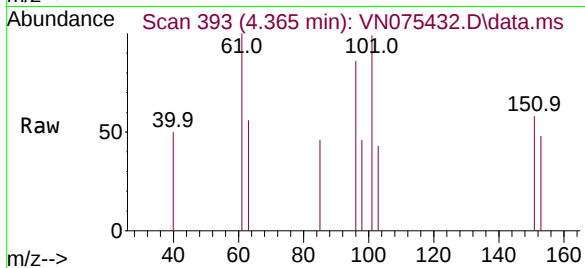




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.678 ug/l
 RT: 4.365 min Scan# 393
 Delta R.T. -0.012 min
 Lab File: VN075432.D
 Acq: 25 Nov 2022 19:41

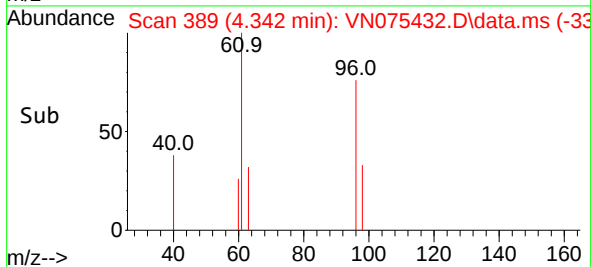
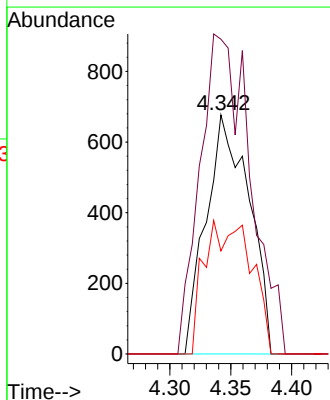
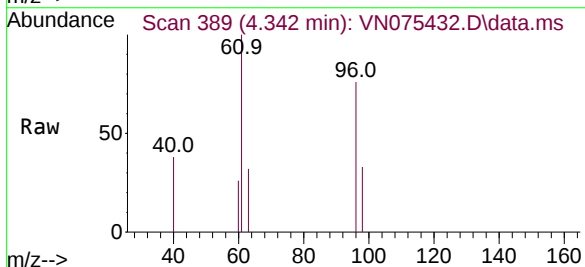
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20221121

Tgt Ion:101 Resp: 870
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.6 56.4#
 151 104.3 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 1.329 ug/l
 RT: 4.342 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VN075432.D
 Acq: 25 Nov 2022 19:41

Tgt Ion: 96 Resp: 1671
 Ion Ratio Lower Upper
 96 100
 61 131.6 126.2 189.4
 98 43.1 51.5 77.3#

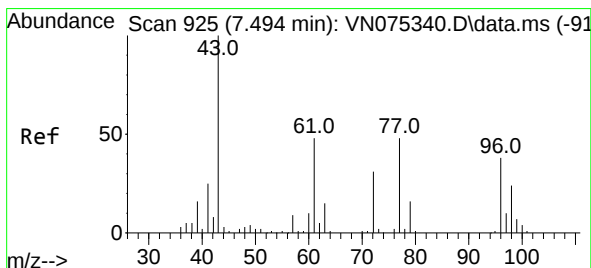
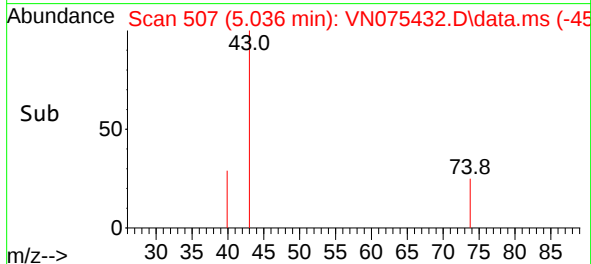
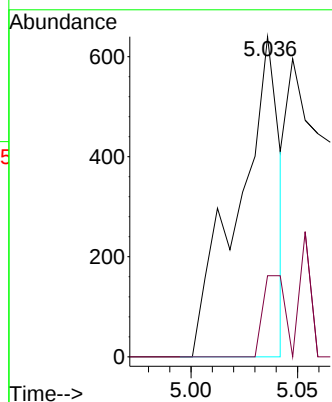
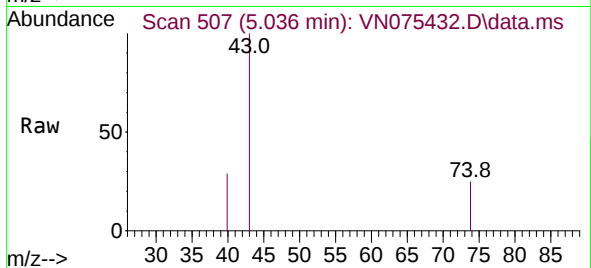




#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

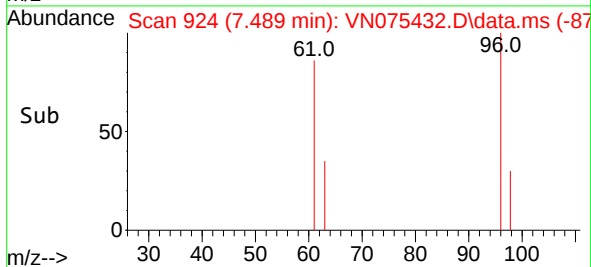
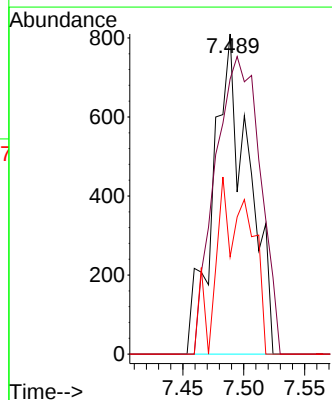
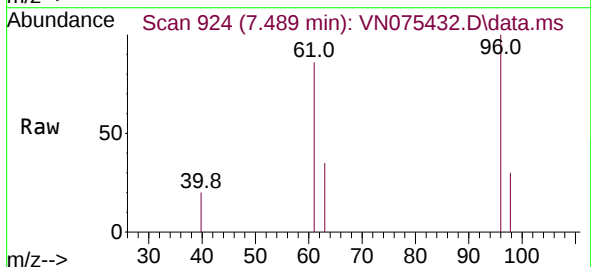
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121

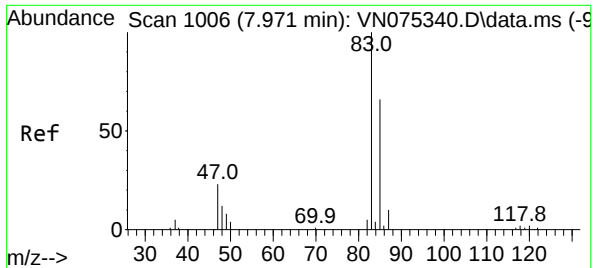
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
74 13.2 22.0 33.0#



#27
cis-1,2-Dichloroethene
Concen: 1.018 ug/l
RT: 7.489 min Scan# 924
Delta R.T. -0.005 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion: 96 Resp: 1650
Ion Ratio Lower Upper
96 100
61 117.3 0.0 278.8
98 24.2 0.0 128.4

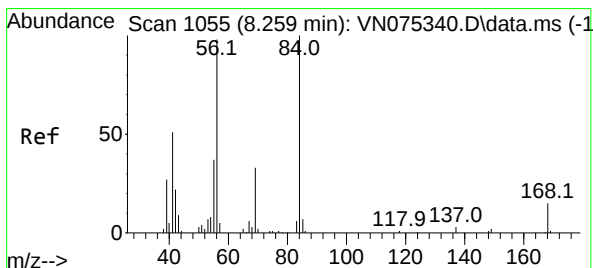
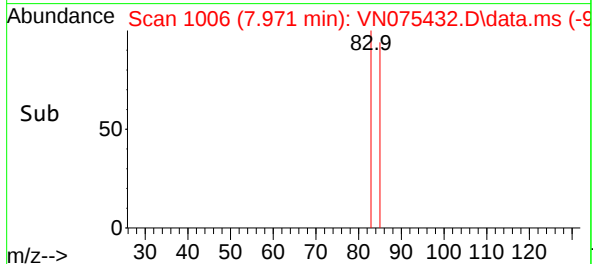
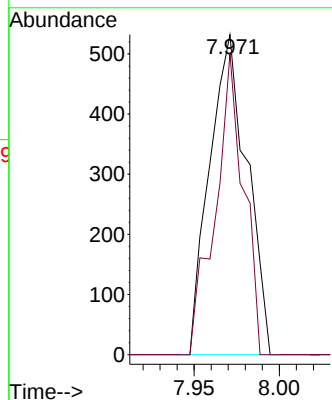
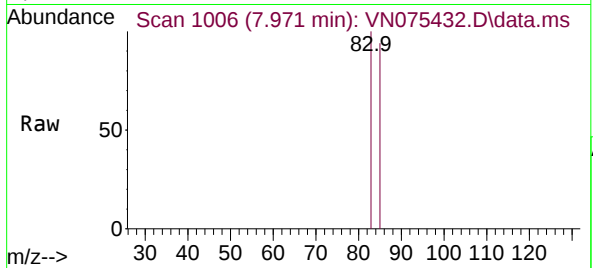




#30
Chloroform
Concen: 0.297 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

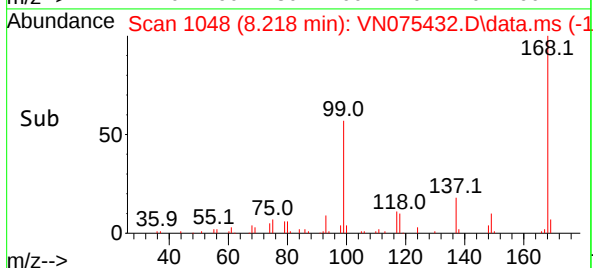
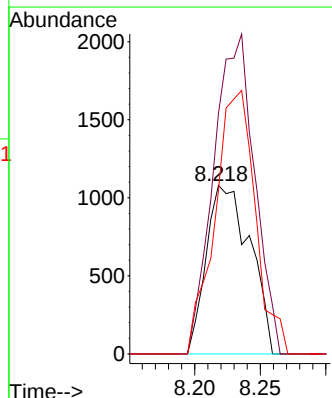
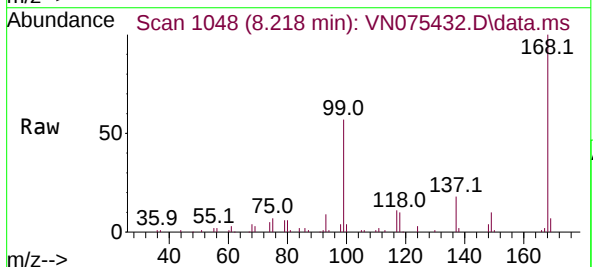
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121

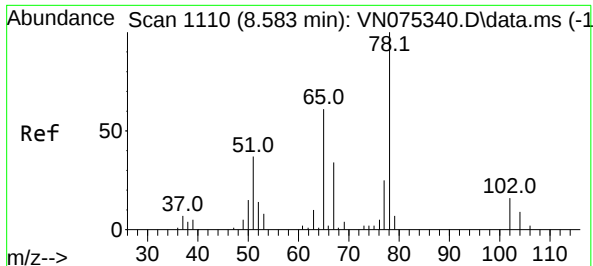
Tgt Ion: 83 Resp: 813
Ion Ratio Lower Upper
83 100
85 94.2 51.4 77.0#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion: 56 Resp: 2502
Ion Ratio Lower Upper
56 100
69 142.5 25.2 37.8#
84 96.7 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 54.730 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075432.D

Acq: 25 Nov 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

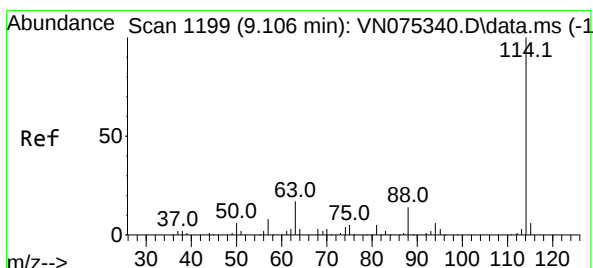
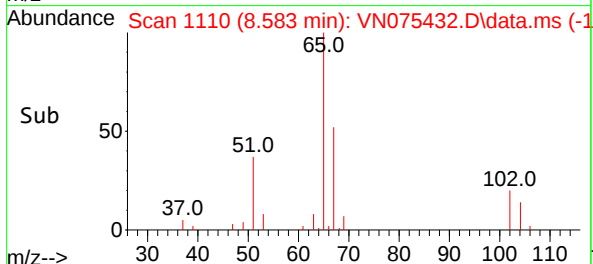
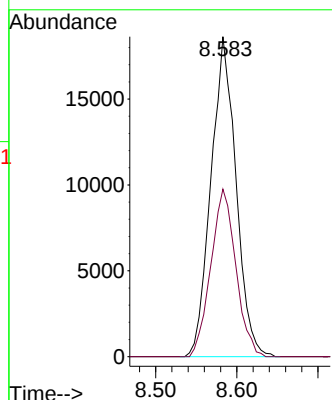
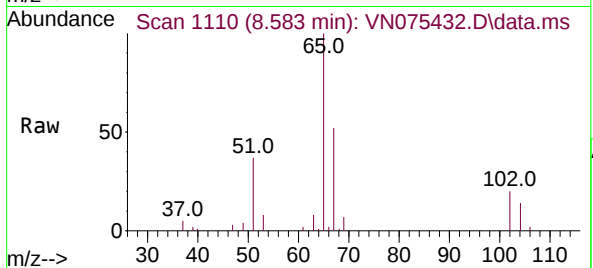
RE117D1-20221121

Tgt Ion: 65 Resp: 39884

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: VN075432.D

Acq: 25 Nov 2022 19:41

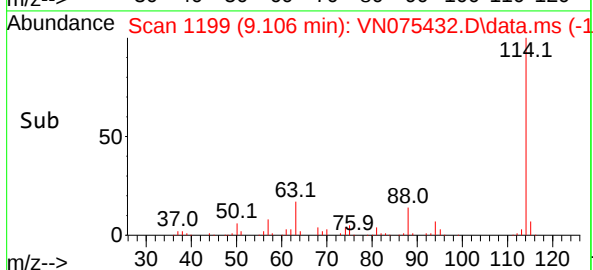
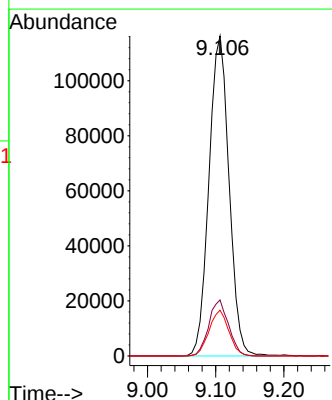
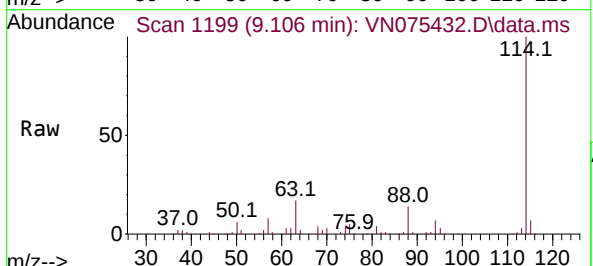
Tgt Ion: 114 Resp: 238644

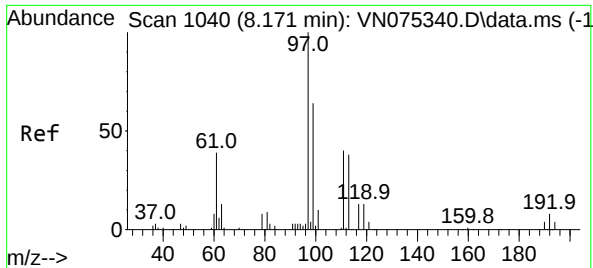
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.3 0.0 29.0

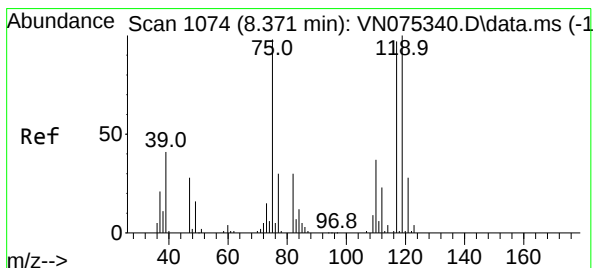
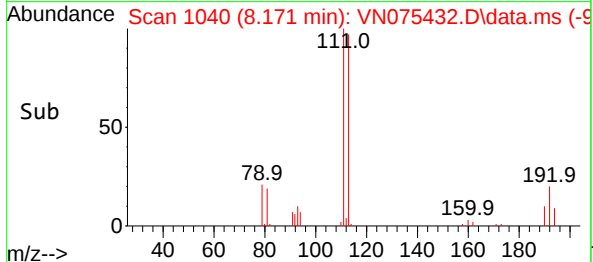
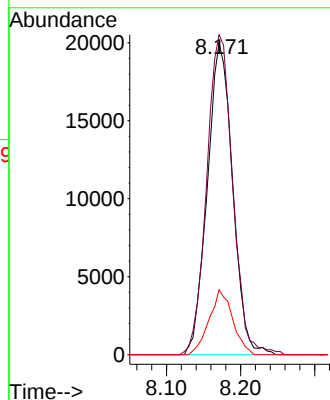
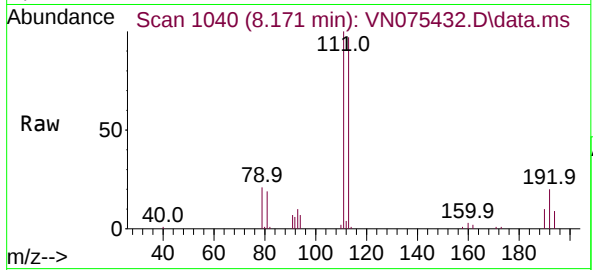




#35
Dibromofluoromethane
Concen: 50.767 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

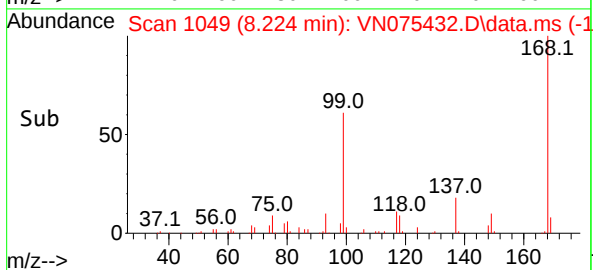
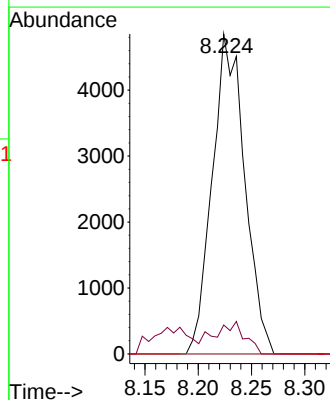
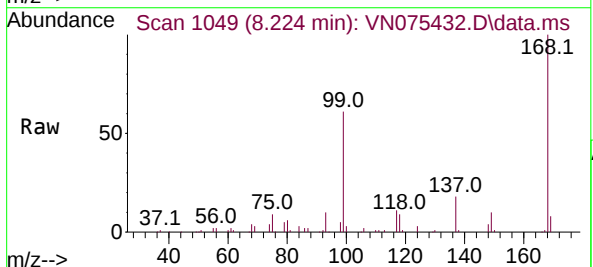
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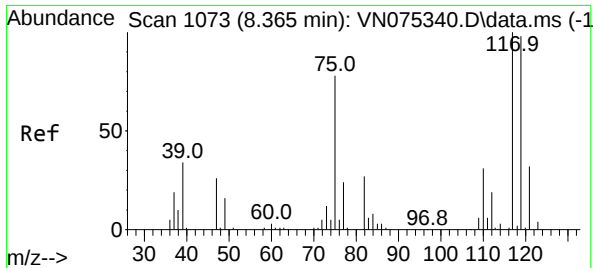
Tgt Ion:113 Resp: 47593
Ion Ratio Lower Upper
113 100
111 104.9 80.5 120.7
192 19.3 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion: 75 Resp: 10244
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.3#
77 0.0 24.6 37.0#

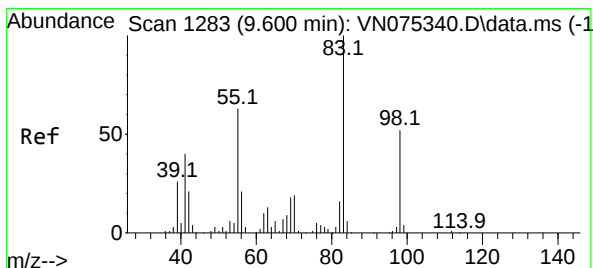
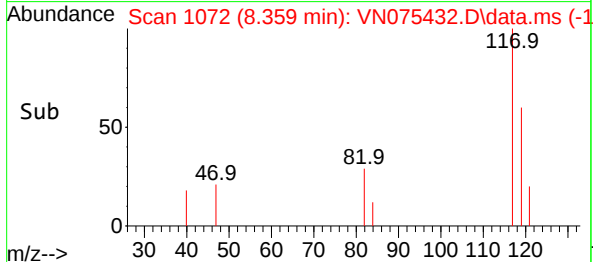
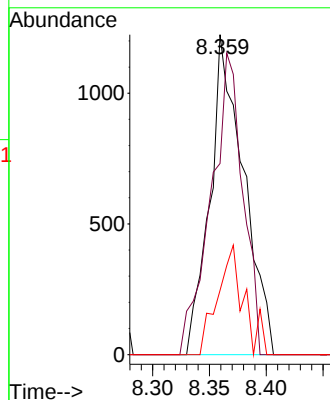
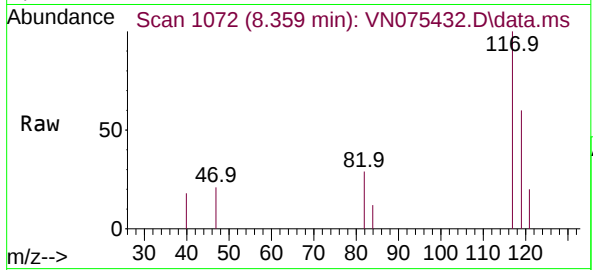




#38
Carbon Tetrachloride
Concen: 1.119 ug/l
RT: 8.359 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

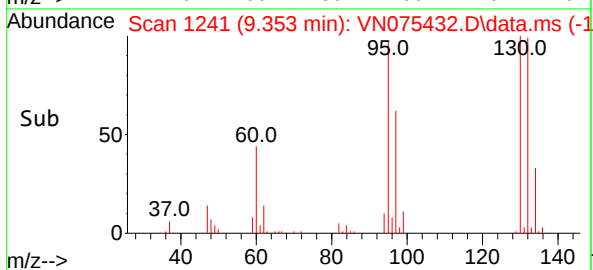
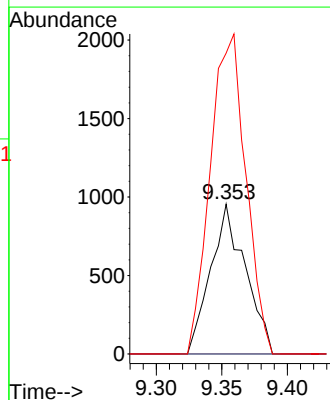
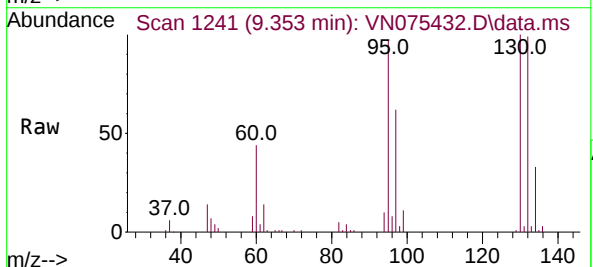
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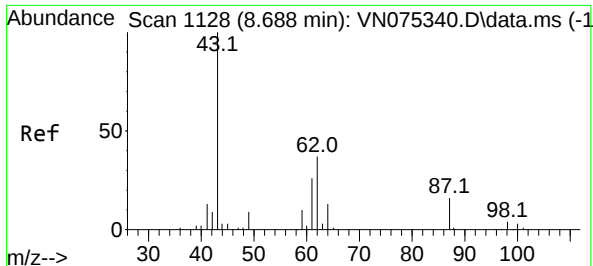
Tgt Ion:117 Resp: 2513
Ion Ratio Lower Upper
117 100
119 59.7 76.7 115.1#
121 20.1 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.686 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.247 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion: 83 Resp: 1756
Ion Ratio Lower Upper
83 100
55 0.0 53.6 80.4#
98 200.9 41.1 61.7#

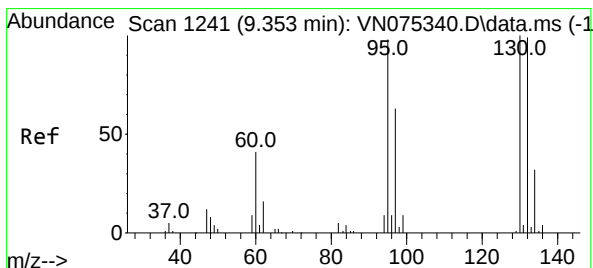
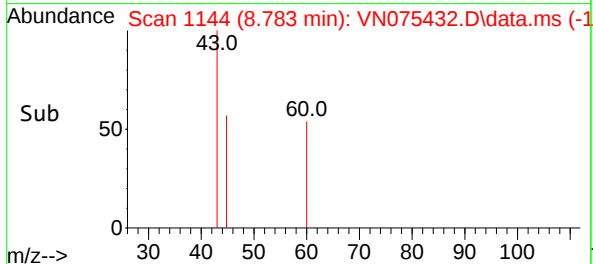
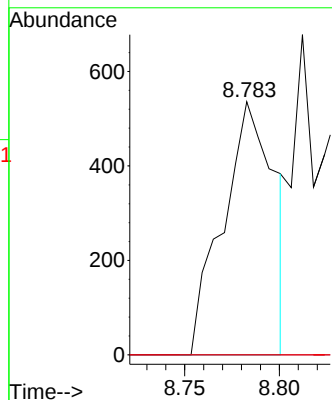
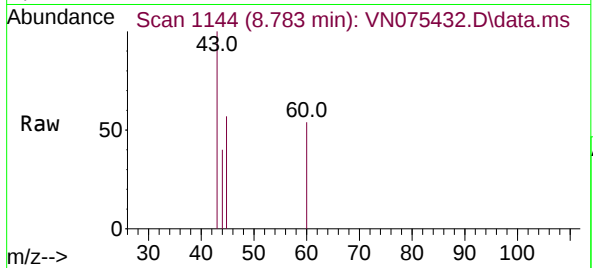




#43
Isopropyl Acetate
Concen: 0.341 ug/l
RT: 8.783 min Scan# 1144
Delta R.T. 0.095 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

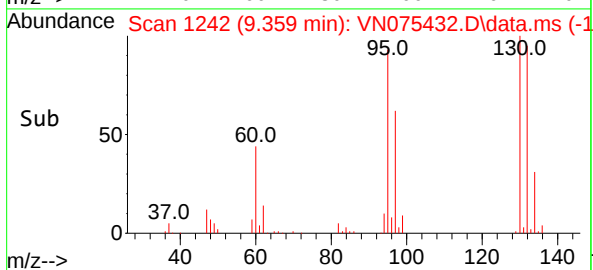
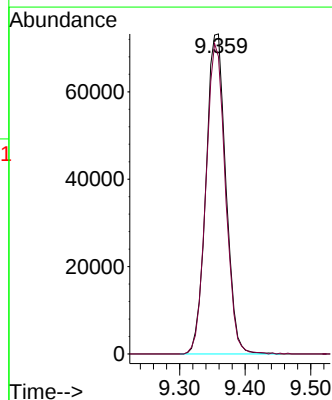
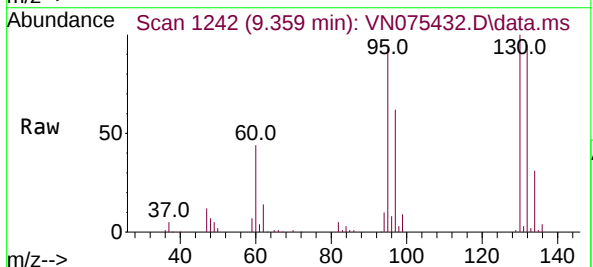
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121

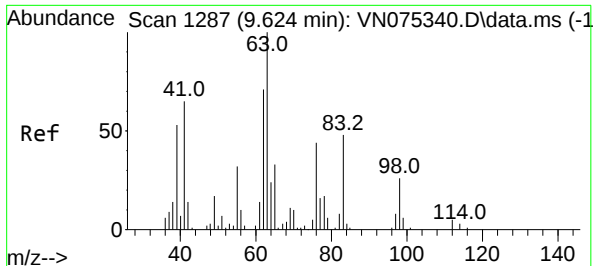
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#44
Trichloroethene
Concen: 89.855 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion:130 Resp: 153897
Ion Ratio Lower Upper
130 100
95 93.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 0.253 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.271 min

Lab File: VN075432.D

Acq: 25 Nov 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

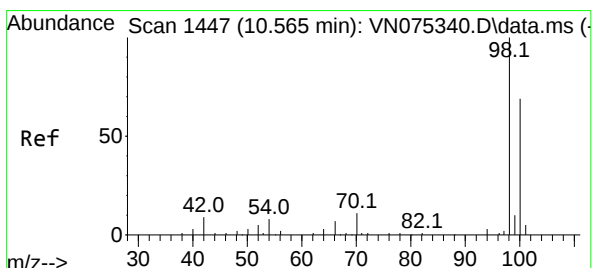
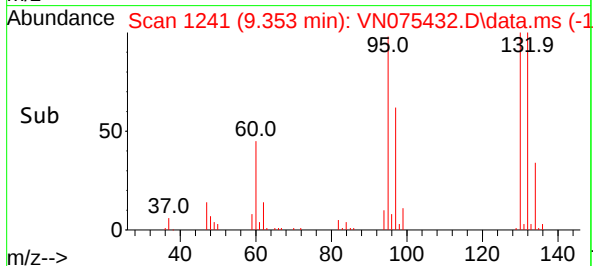
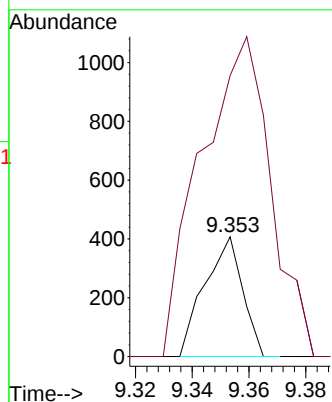
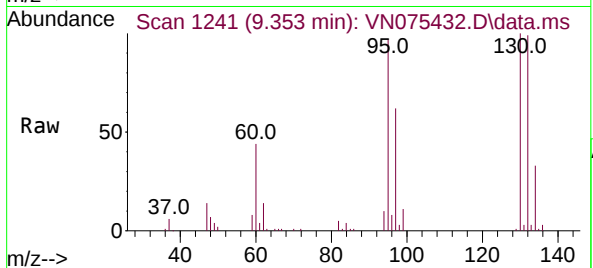
RE117D1-20221121

Tgt Ion: 63 Resp: 378

Ion Ratio Lower Upper

63 100

65 161.9 26.1 39.1#



#50

Toluene-d8

Concen: 49.304 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075432.D

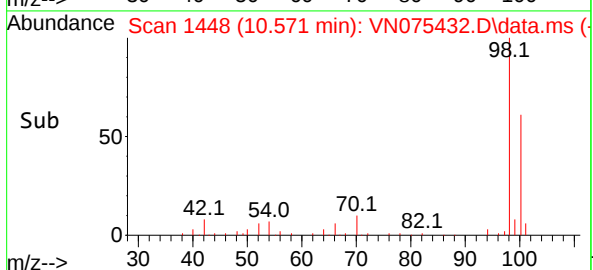
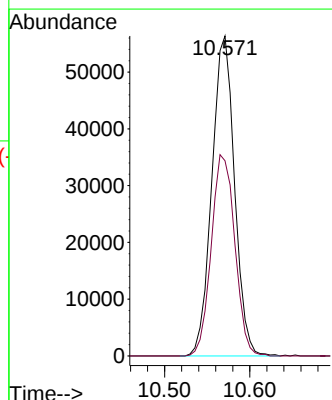
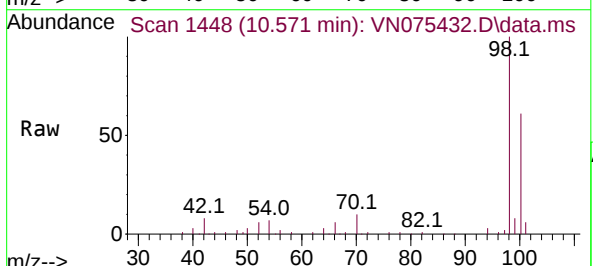
Acq: 25 Nov 2022 19:41

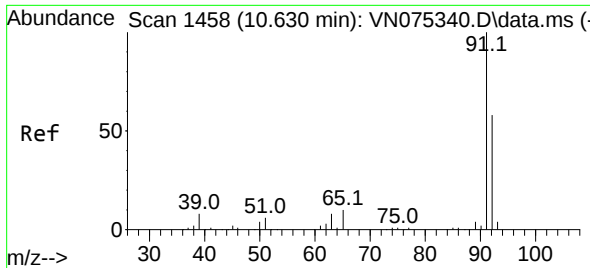
Tgt Ion: 98 Resp: 104103

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6

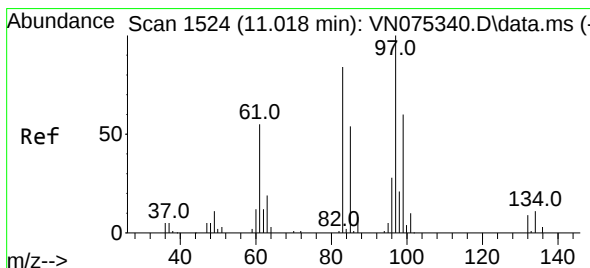
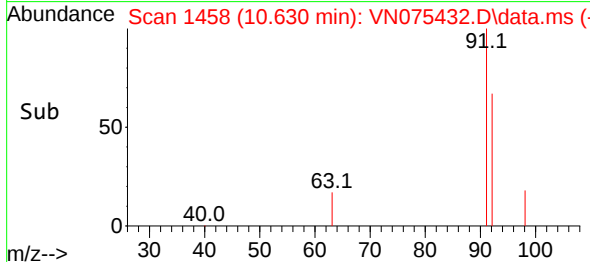
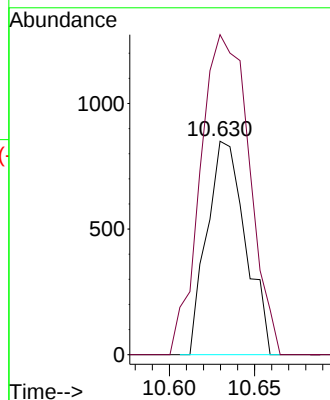
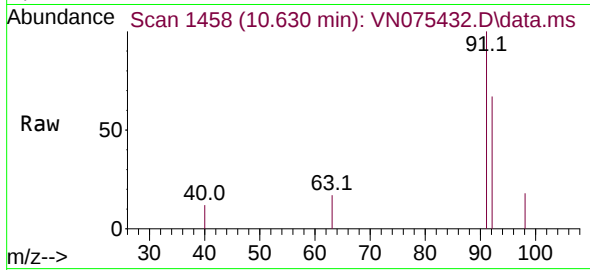




#52
Toluene
Concen: 0.330 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

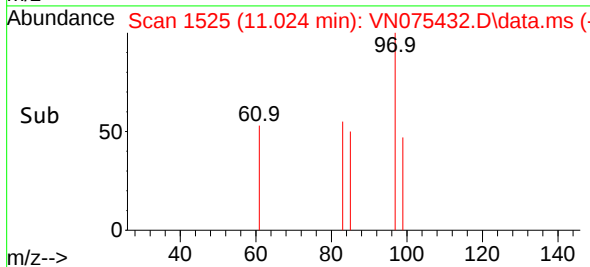
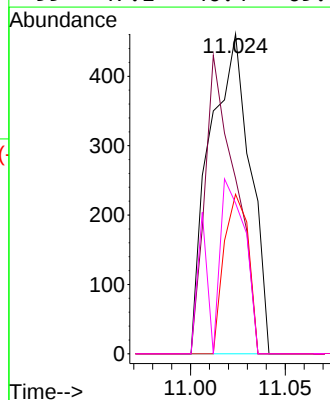
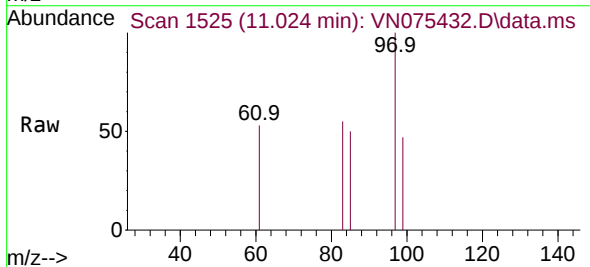
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121

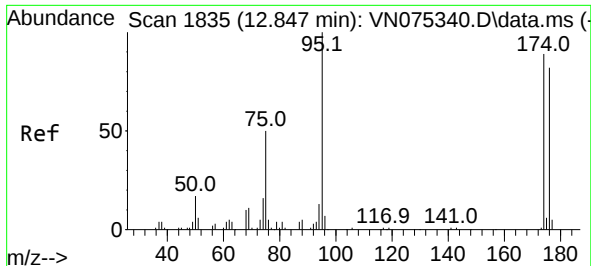
Tgt Ion: 92 Resp: 1333
Ion Ratio Lower Upper
92 100
91 190.6 135.4 203.2



#55
1,1,2-Trichloroethane
Concen: 0.418 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion: 97 Resp: 686
Ion Ratio Lower Upper
97 100
83 54.9 65.9 98.9#
85 49.9 40.4 60.6
99 47.1 46.4 69.6





#62

4-Bromofluorobenzene

Concen: 45.774 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075432.D

Acq: 25 Nov 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20221121

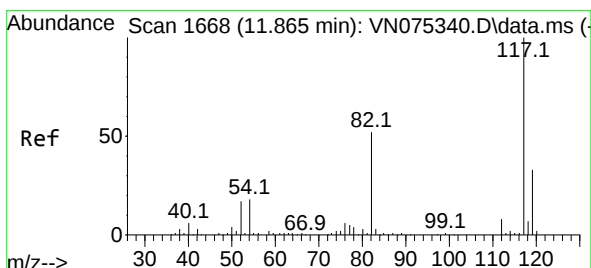
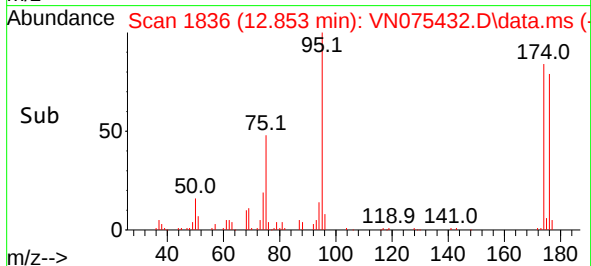
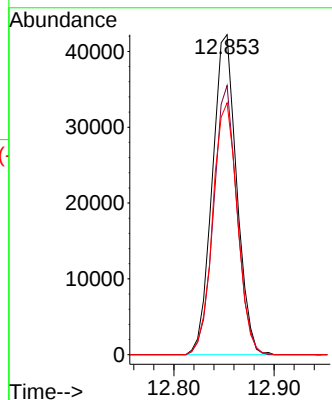
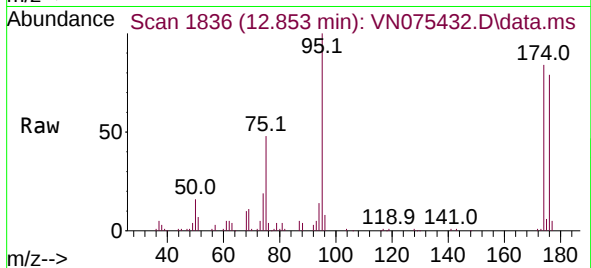
Tgt Ion: 95 Resp: 71338

Ion Ratio Lower Upper

95 100

174 80.4 0.0 147.4

176 79.6 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: VN075432.D

Acq: 25 Nov 2022 19:41

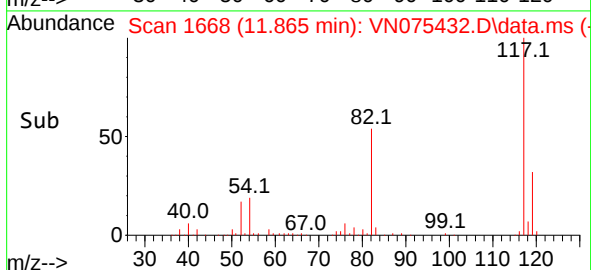
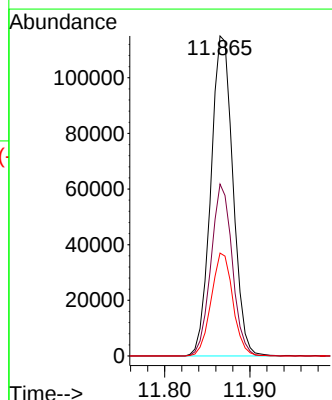
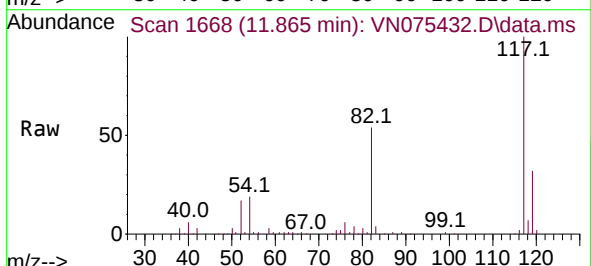
Tgt Ion: 117 Resp: 206884

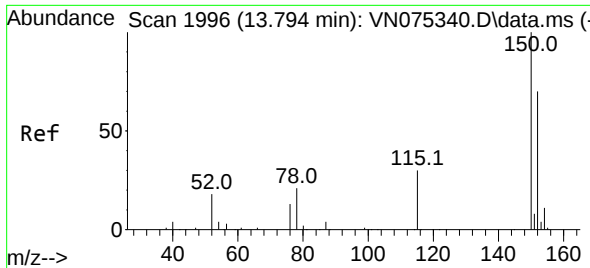
Ion Ratio Lower Upper

117 100

82 53.7 43.1 64.7

119 32.1 25.5 38.3

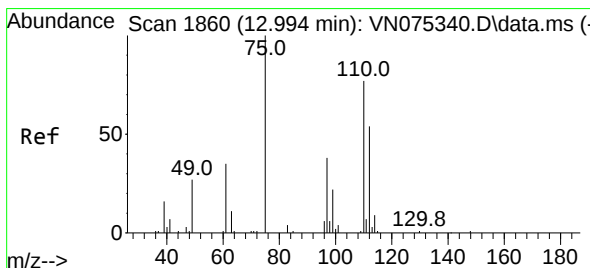
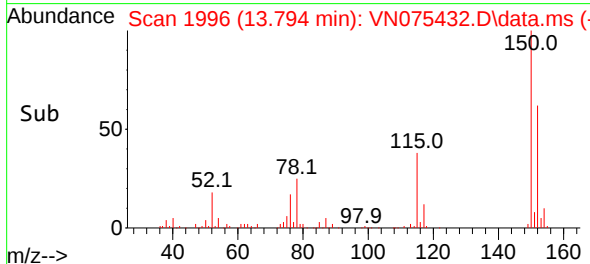
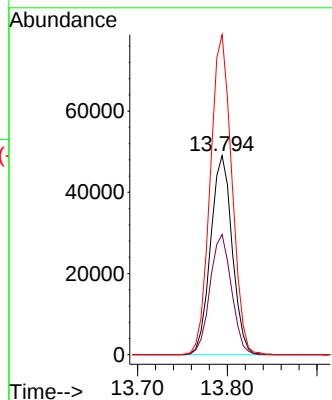
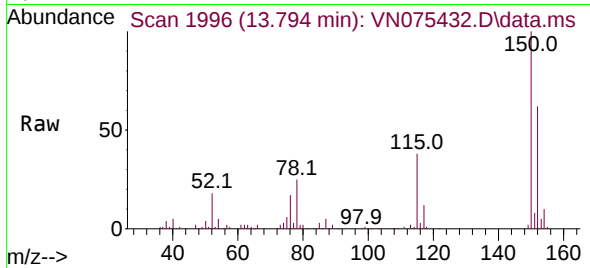




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075432.D
 Acq: 25 Nov 2022 19:41

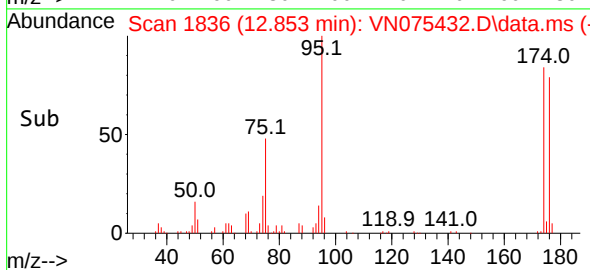
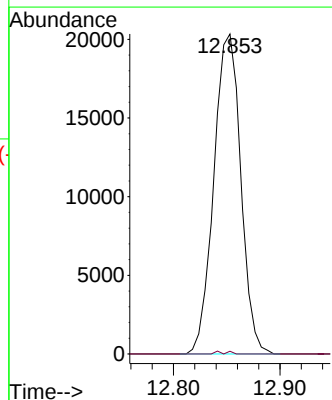
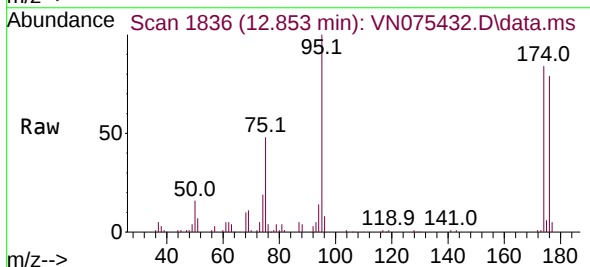
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20221121

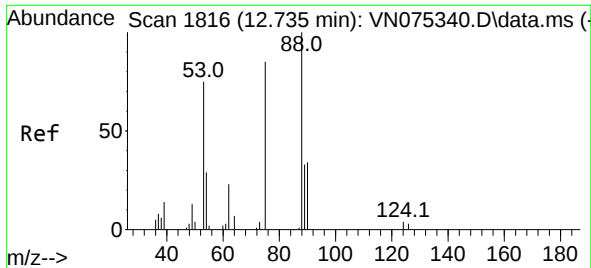
Tgt Ion:152 Resp: 81798
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.2 90.6
 150 160.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 23.110 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075432.D
 Acq: 25 Nov 2022 19:41

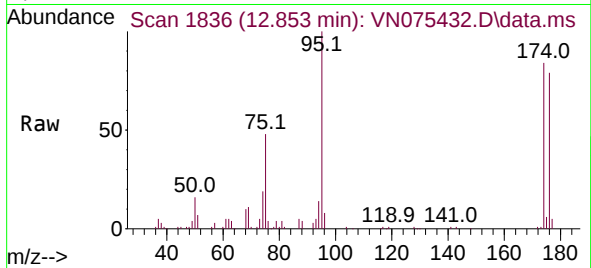
Tgt Ion: 75 Resp: 35742
 Ion Ratio Lower Upper
 75 100
 77 0.3 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.378 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075432.D
 Acq: 25 Nov 2022 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20221121



Tgt Ion: 75 Resp: 35742
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

