

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075361.D
 Acq On : 22 Nov 2022 12:33
 Operator : JC\MD
 Sample : N5686-01ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-2-111722ME

Quant Time: Nov 23 07:06:44 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)

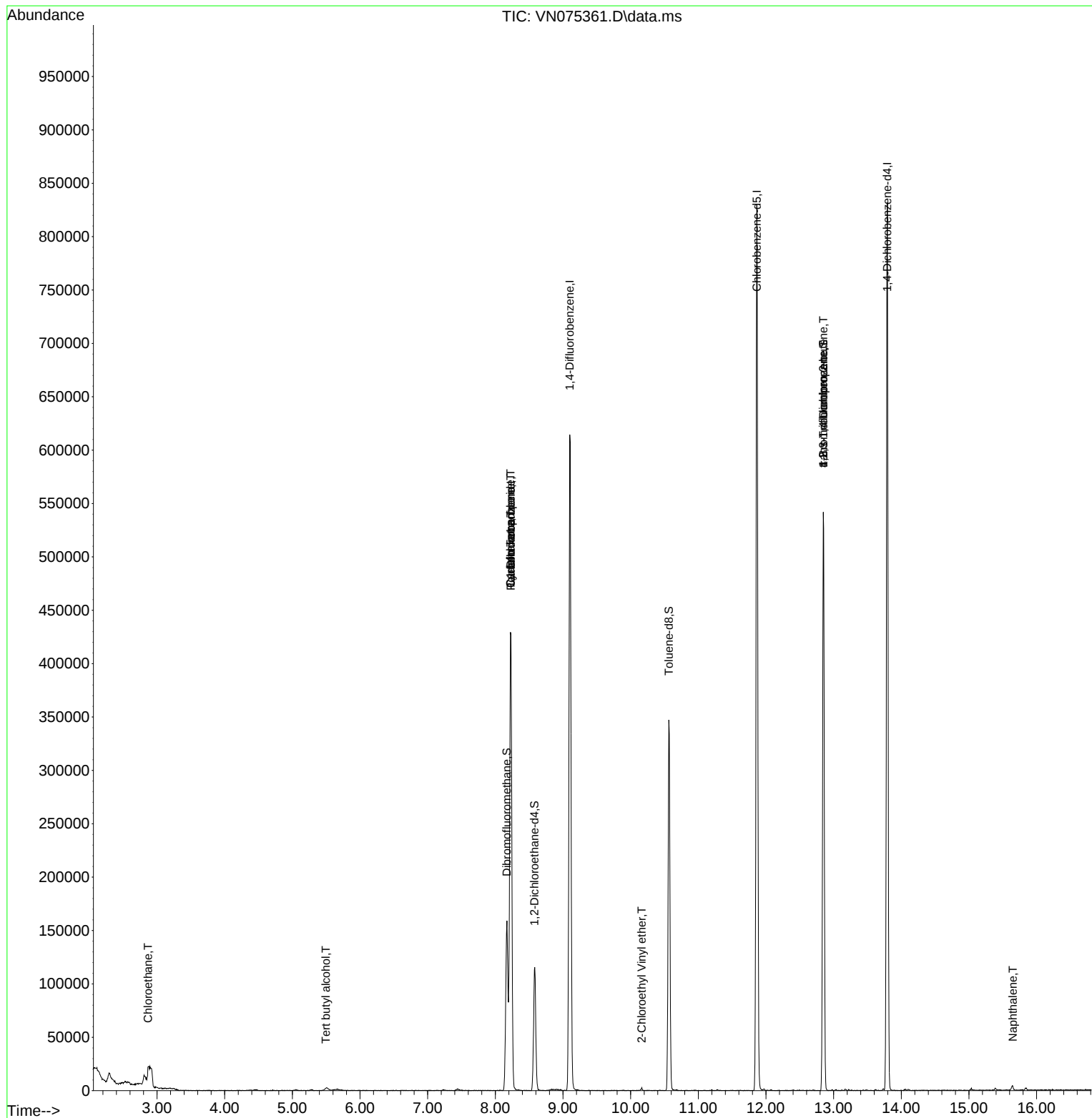
Internal Standards						
1) Pentafluorobenzene	8.230	168	334279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	576928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	504027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	93546	52.133	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.260%	
35) Dibromofluoromethane	8.171	113	111519	49.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.420%	
50) Toluene-d8	10.565	98	253675	49.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.847	95	186281	49.442	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.880%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.865	64	18746	6.172	ug/l #	58
11) Tert butyl alcohol	5.495	59	1024	1.359	ug/l #	72
18) Methyl Acetate	5.053	43	784	Below Cal	#	77
20) Methylene Chloride	5.277	84	324	Below Cal	#	85
31) Cyclohexane	8.224	56	6554	1.150	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	24616	4.981	ug/l #	51
38) Carbon Tetrachloride	8.224	117	34945	6.436	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.165	63	1079	0.558	ug/l #	88
76) 1,2,3-Trichloropropane	12.847	75	95763	21.766	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	95763	64.401	ug/l #	10
95) Naphthalene	15.647	128	5250	0.420	ug/l	97

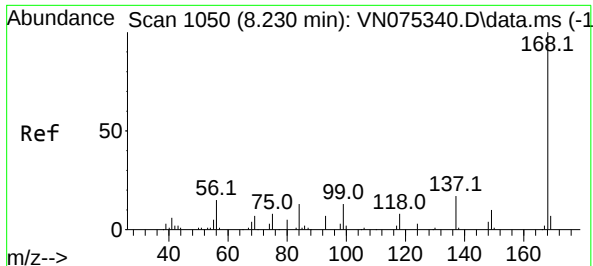
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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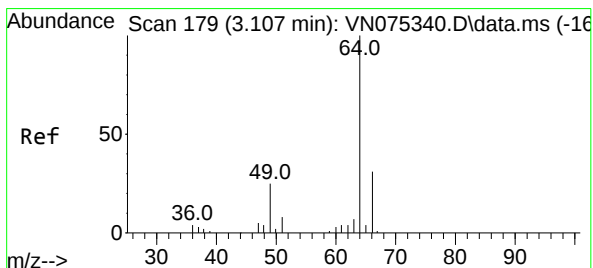
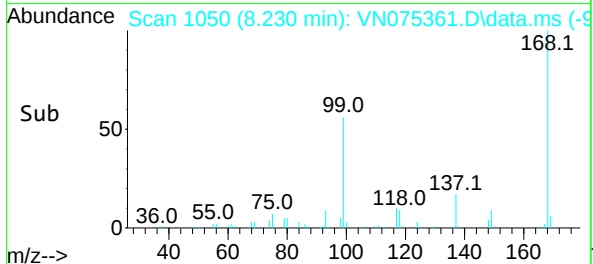
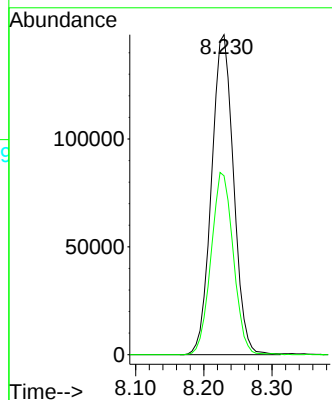
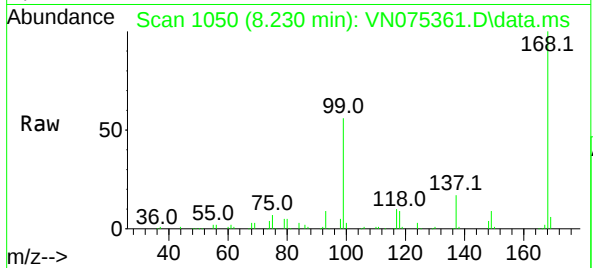




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

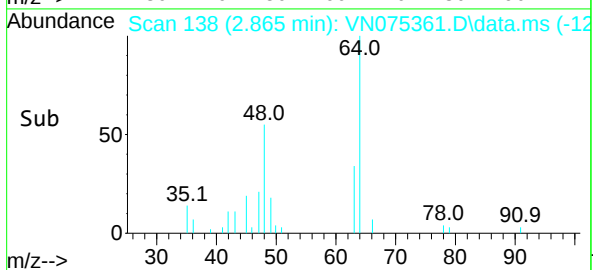
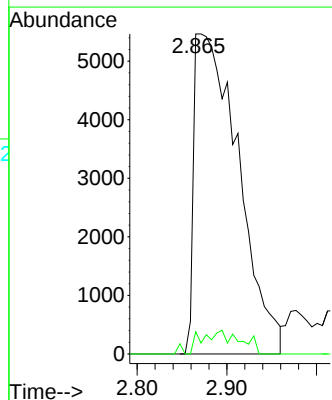
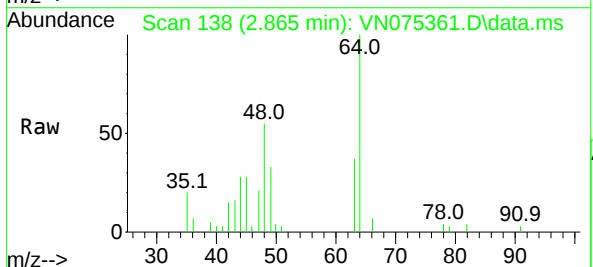
Instrument :
MSVOA_N
ClientSampleId :
OK-2-111722ME

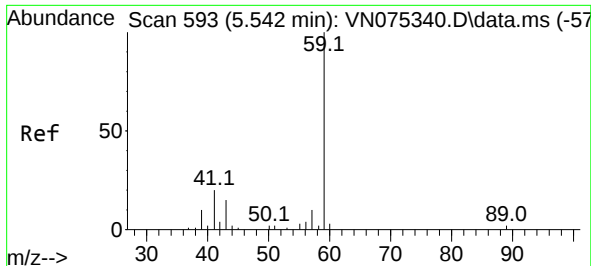
Tgt Ion:168 Resp: 334279
Ion Ratio Lower Upper
168 100
99 55.9 51.6 77.4



#6
Chloroethane
Concen: 6.172 ug/l
RT: 2.865 min Scan# 138
Delta R.T. -0.242 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

Tgt Ion: 64 Resp: 18746
Ion Ratio Lower Upper
64 100
66 7.0 23.8 35.8#

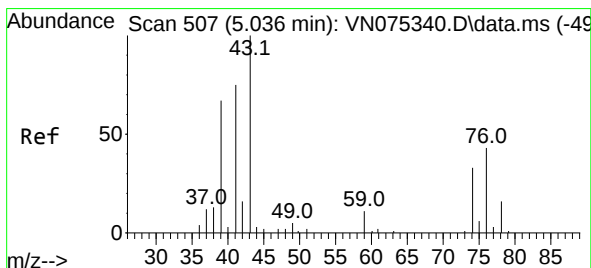
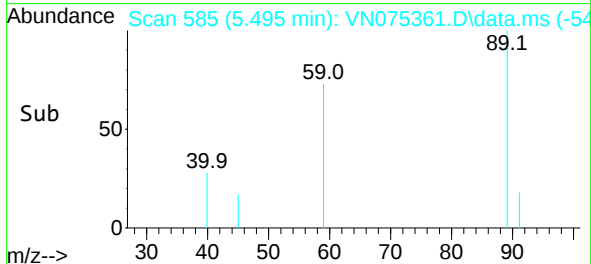
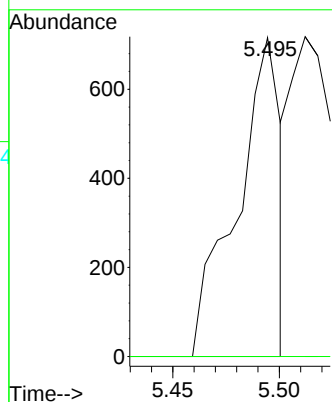
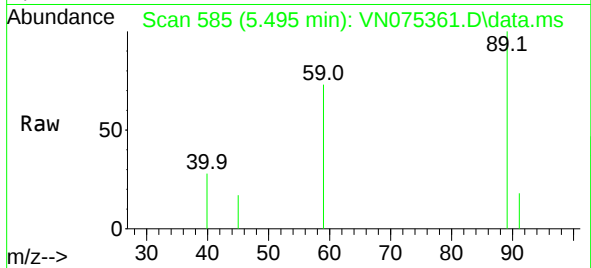




#11
Tert butyl alcohol
Concen: 1.359 ug/l
RT: 5.495 min Scan# 510
Delta R.T. -0.047 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

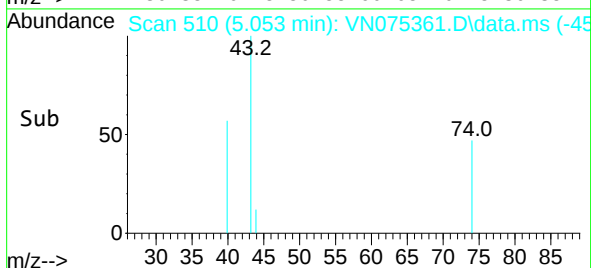
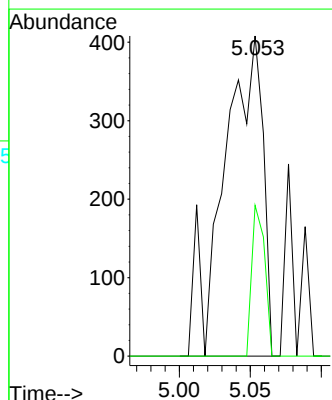
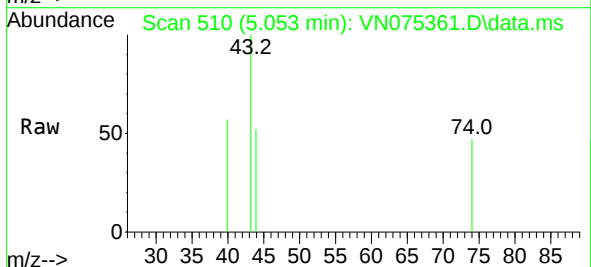
Instrument :
MSVOA_N
ClientSampleId :
OK-2-111722ME

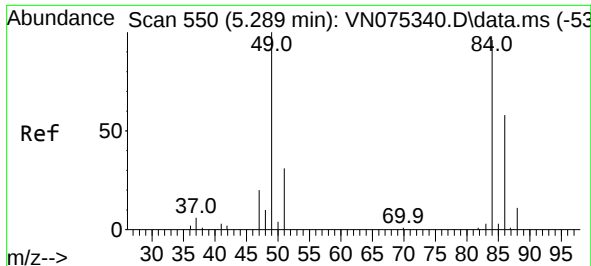
Tgt Ion: 59 Resp: 1024
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.053 min Scan# 510
Delta R.T. 0.017 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

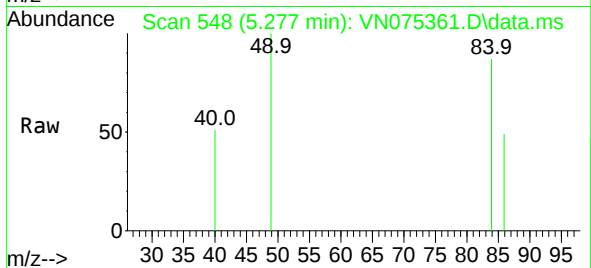
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
74 15.4 22.0 33.0#



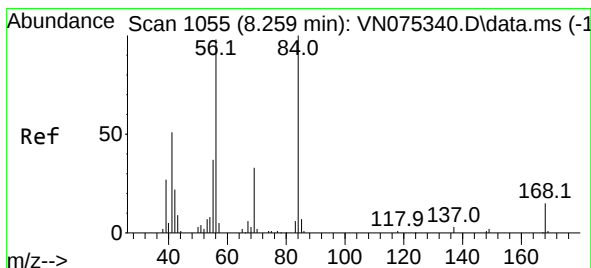
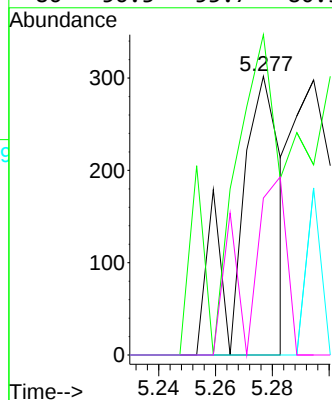


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
OK-2-111722ME

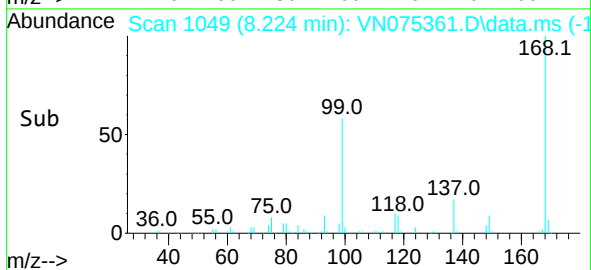
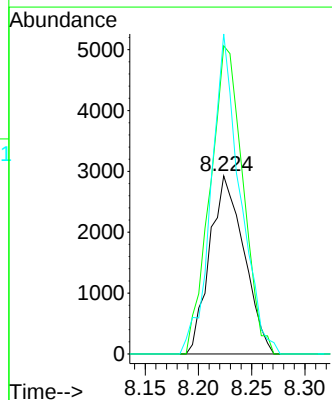
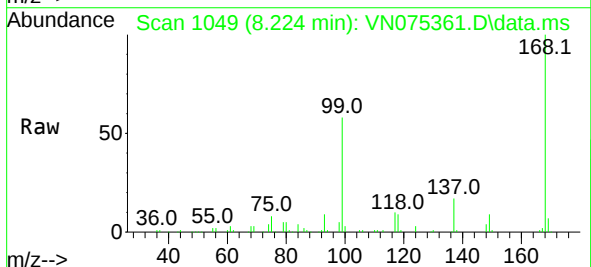


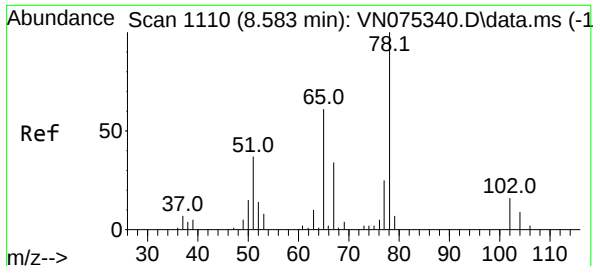
Tgt Ion: 84	Resp: 324
Ion Ratio	Lower Upper
84 100	
49 114.9	94.9 142.3
51 0.0	26.8 40.2#
86 56.3	53.7 80.5



#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

Tgt Ion: 56	Resp: 6554		
Ion Ratio	Lower	Upper	
56 100			
69 173.0	25.2	37.8#	
84 179.6	77.8	116.8#	





#33

1,2-Dichloroethane-d4

Concen: 52.133 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN075361.D

Acq: 22 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

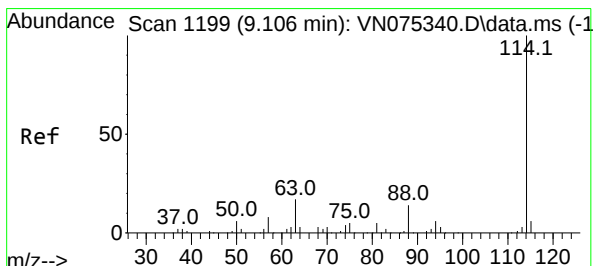
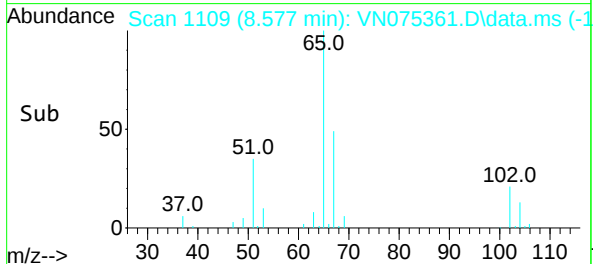
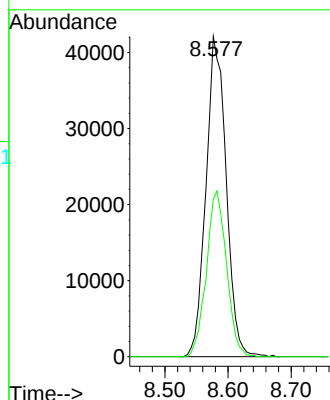
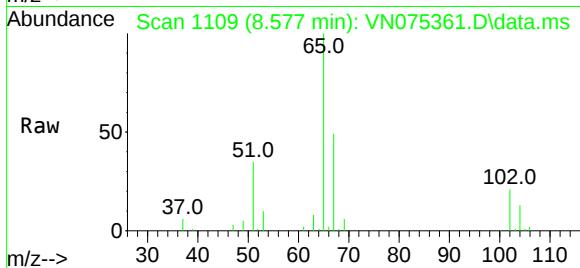
OK-2-111722ME

Tgt Ion: 65 Resp: 93546

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075361.D

Acq: 22 Nov 2022 12:33

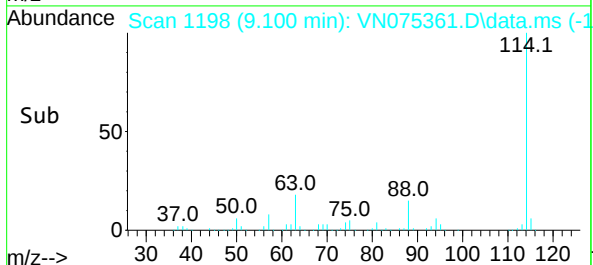
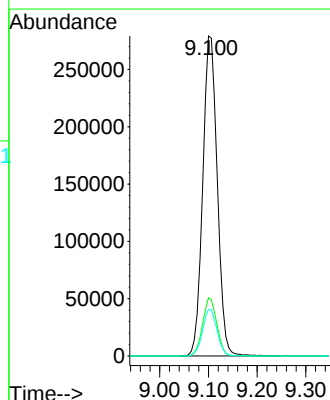
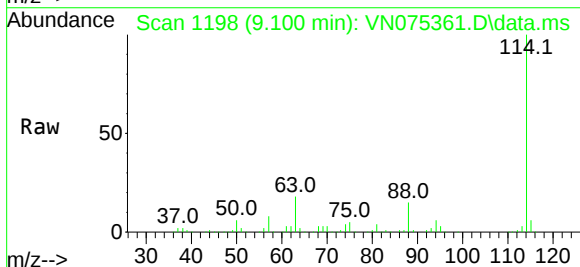
Tgt Ion: 114 Resp: 576928

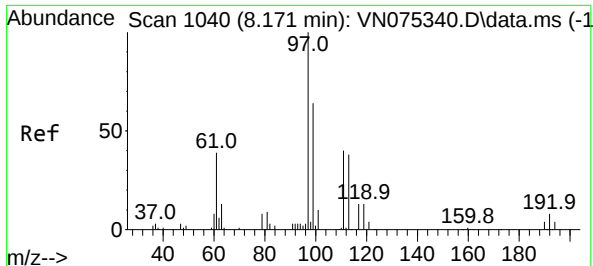
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.206 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075361.D

Acq: 22 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

OK-2-111722ME

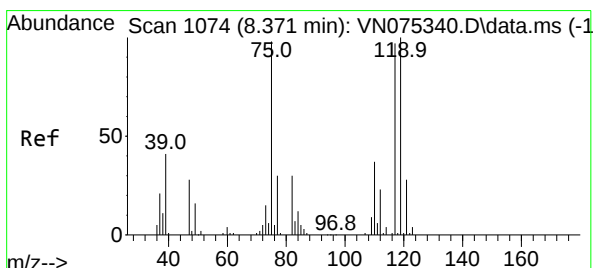
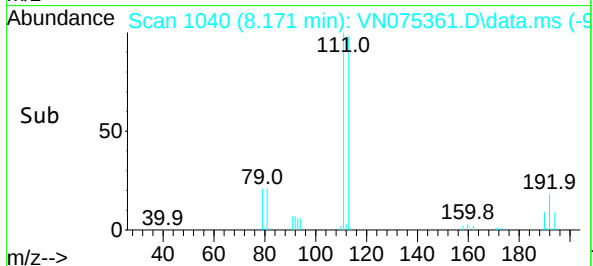
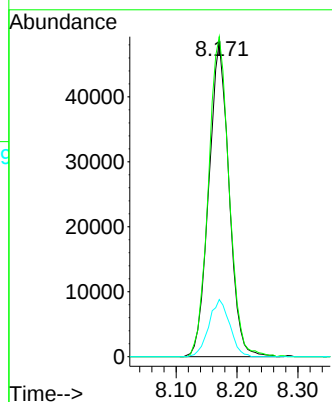
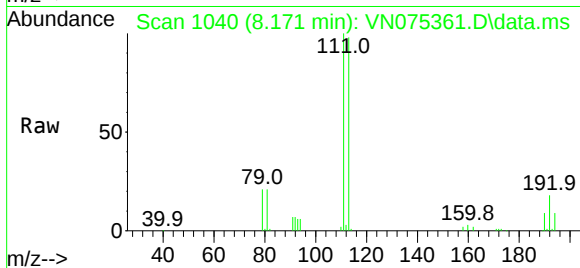
Tgt Ion:113 Resp: 111519

Ion Ratio Lower Upper

113 100

111 104.6 80.5 120.7

192 18.7 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.981 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075361.D

Acq: 22 Nov 2022 12:33

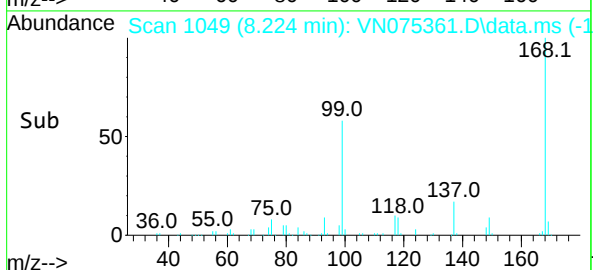
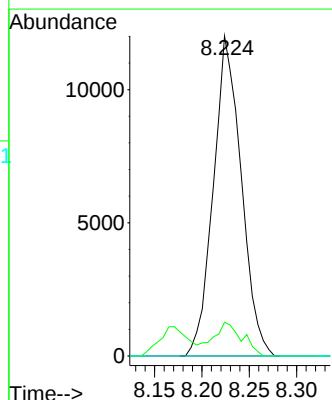
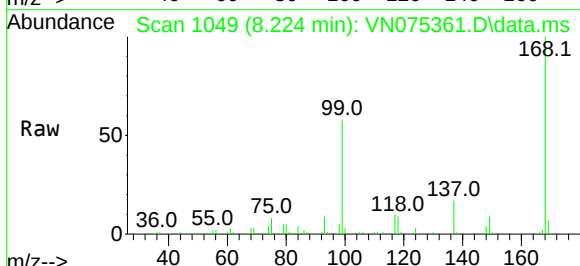
Tgt Ion: 75 Resp: 24616

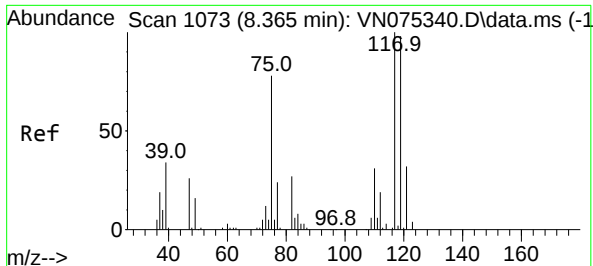
Ion Ratio Lower Upper

75 100

110 10.4 17.8 53.3#

77 0.0 24.6 37.0#

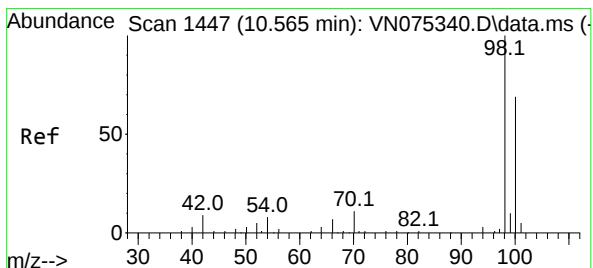
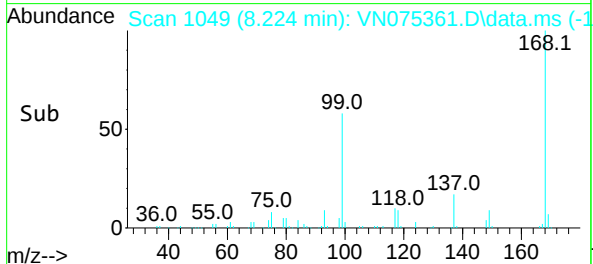
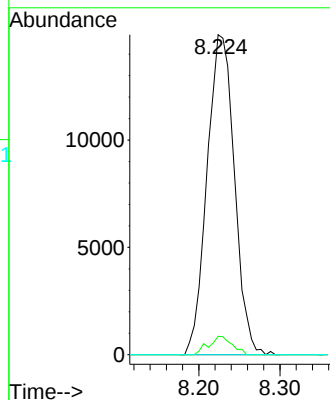
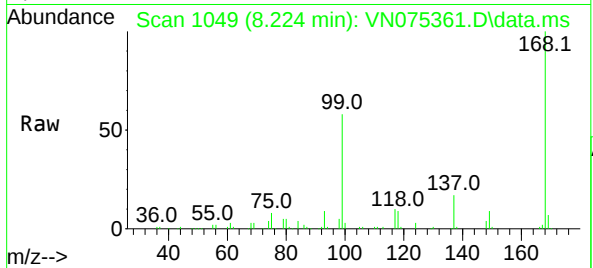




#38
Carbon Tetrachloride
Concen: 6.436 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

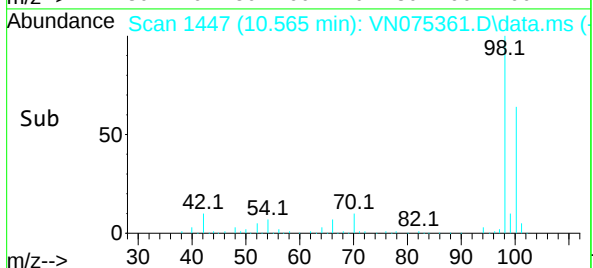
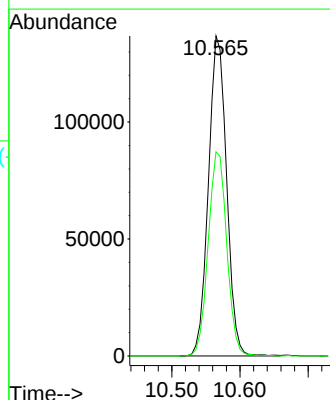
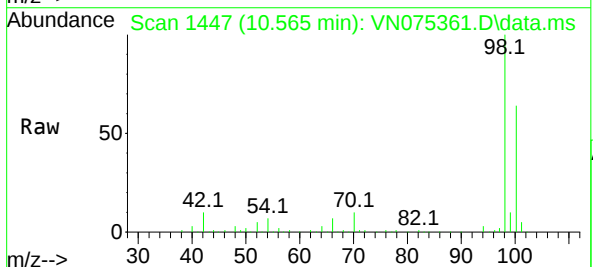
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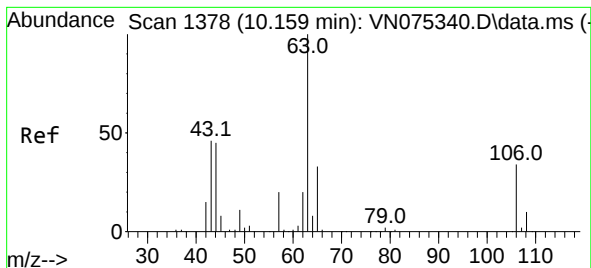
Tgt Ion:117 Resp: 34945
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

Tgt Ion: 98 Resp: 253675
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6

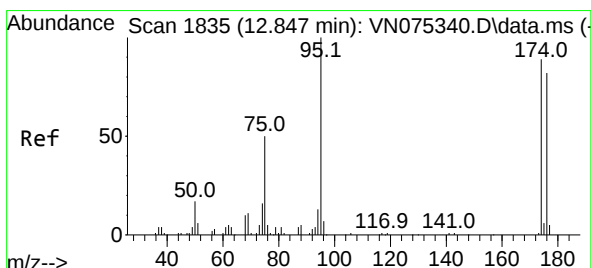
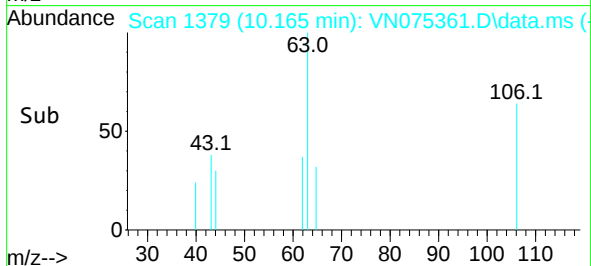
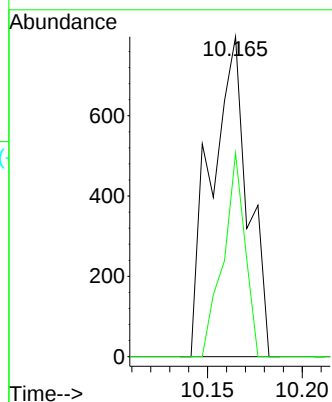
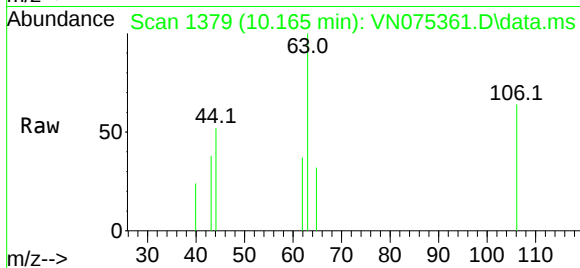




#58
2-Chloroethyl Vinyl ether
Concen: 0.558 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

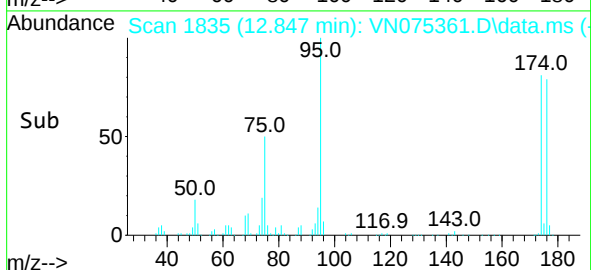
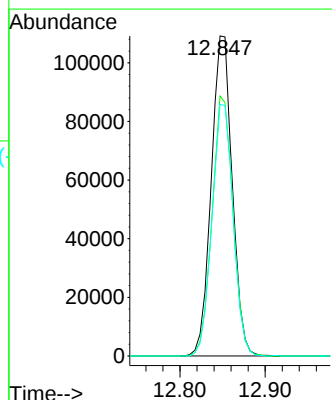
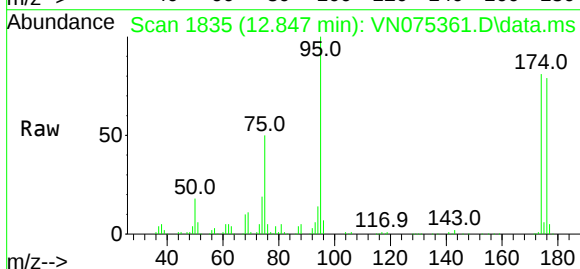
Instrument :
MSVOA_N
ClientSampleId :
OK-2-111722ME

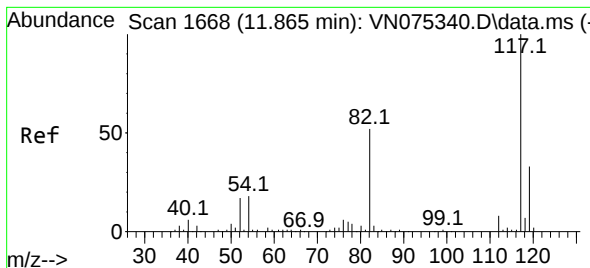
Tgt Ion: 63 Resp: 1079
Ion Ratio Lower Upper
63 100
106 37.3 24.8 37.2#



#62
4-Bromofluorobenzene
Concen: 49.442 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

Tgt Ion: 95 Resp: 186281
Ion Ratio Lower Upper
95 100
174 80.8 0.0 147.4
176 79.4 0.0 142.2

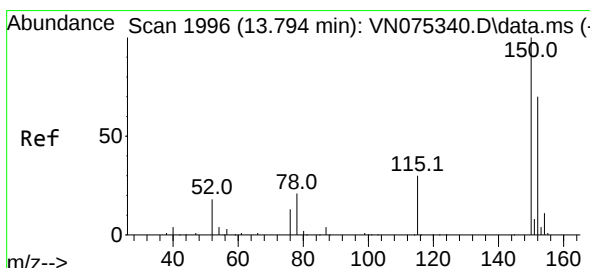
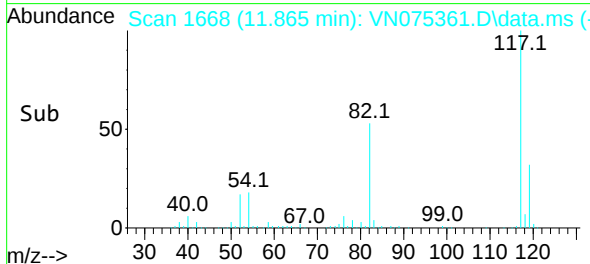
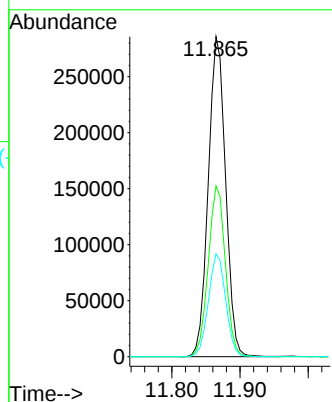
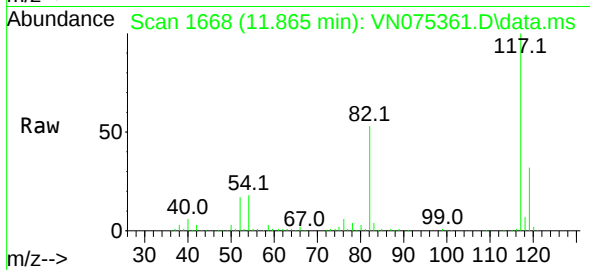




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

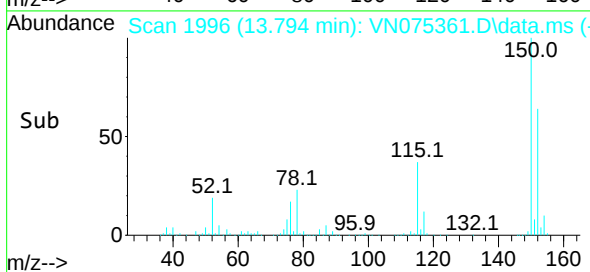
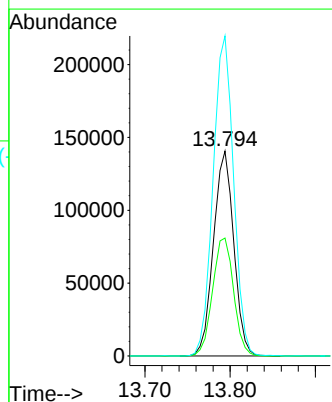
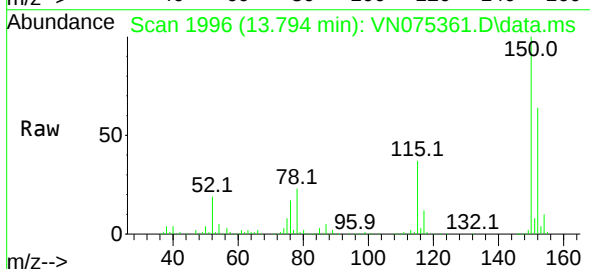
Instrument :
MSVOA_N
ClientSampleId :
OK-2-111722ME

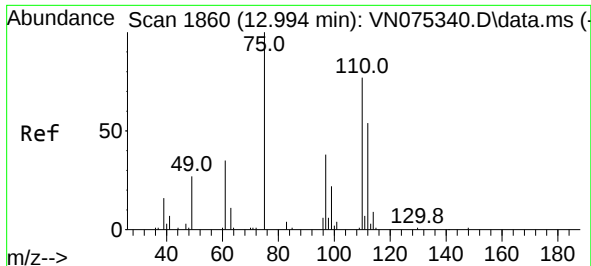
Tgt Ion:117 Resp: 504027
Ion Ratio Lower Upper
117 100
82 53.4 43.1 64.7
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

Tgt Ion:152 Resp: 232693
Ion Ratio Lower Upper
152 100
115 59.6 30.2 90.6
150 157.9 0.0 348.4

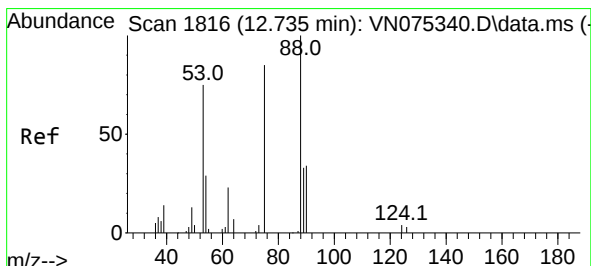
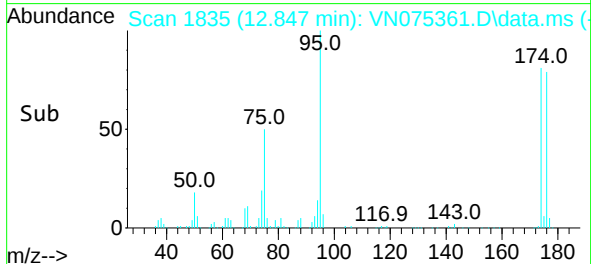
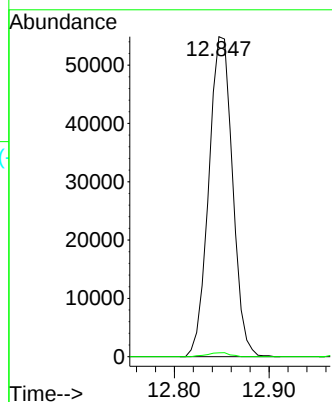
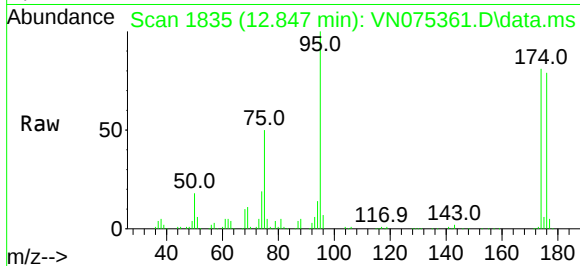




#76
1,2,3-Trichloropropane
Concen: 21.766 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

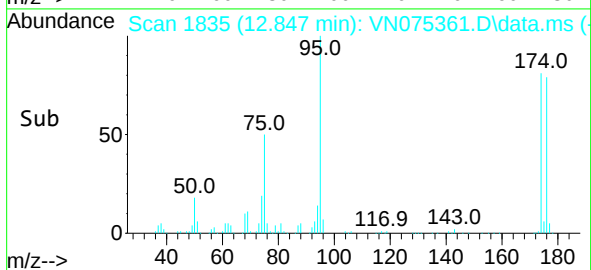
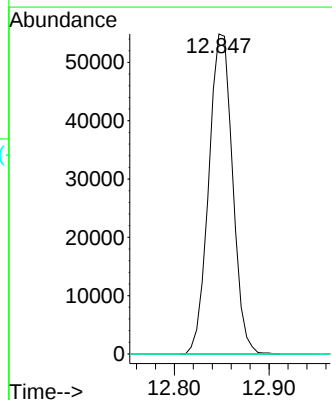
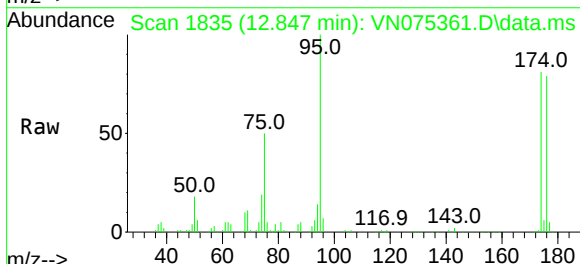
Instrument :
MSVOA_N
ClientSampleId :
OK-2-111722ME

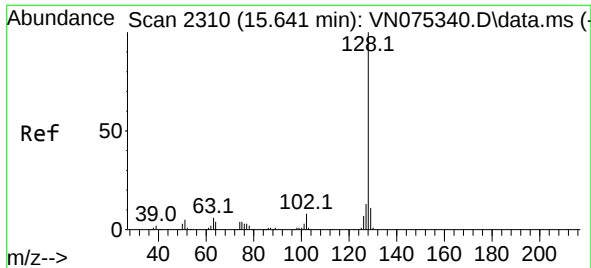
Tgt Ion: 75 Resp: 95763
Ion Ratio Lower Upper
75 100
77 1.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.401 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075361.D
Acq: 22 Nov 2022 12:33

Tgt Ion: 75 Resp: 95763
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95

Naphthalene

Concen: 0.420 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075361.D

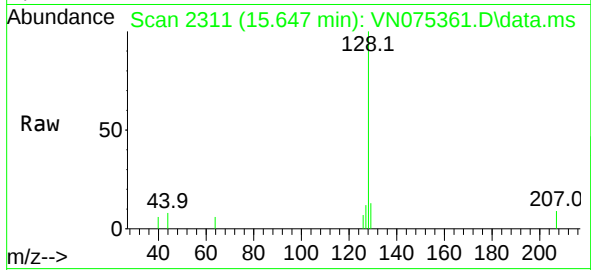
Acq: 22 Nov 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

OK-2-111722ME



Tgt Ion:128 Resp: 5250

Ion Ratio Lower Upper

128 100

127 10.8 10.4 15.6

129 10.8 8.6 12.8

