

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075648.D
 Acq On : 08 Dec 2022 15:20
 Operator : JC\MD
 Sample : N5924-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MID1222

Quant Time: Dec 09 02:08:12 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)

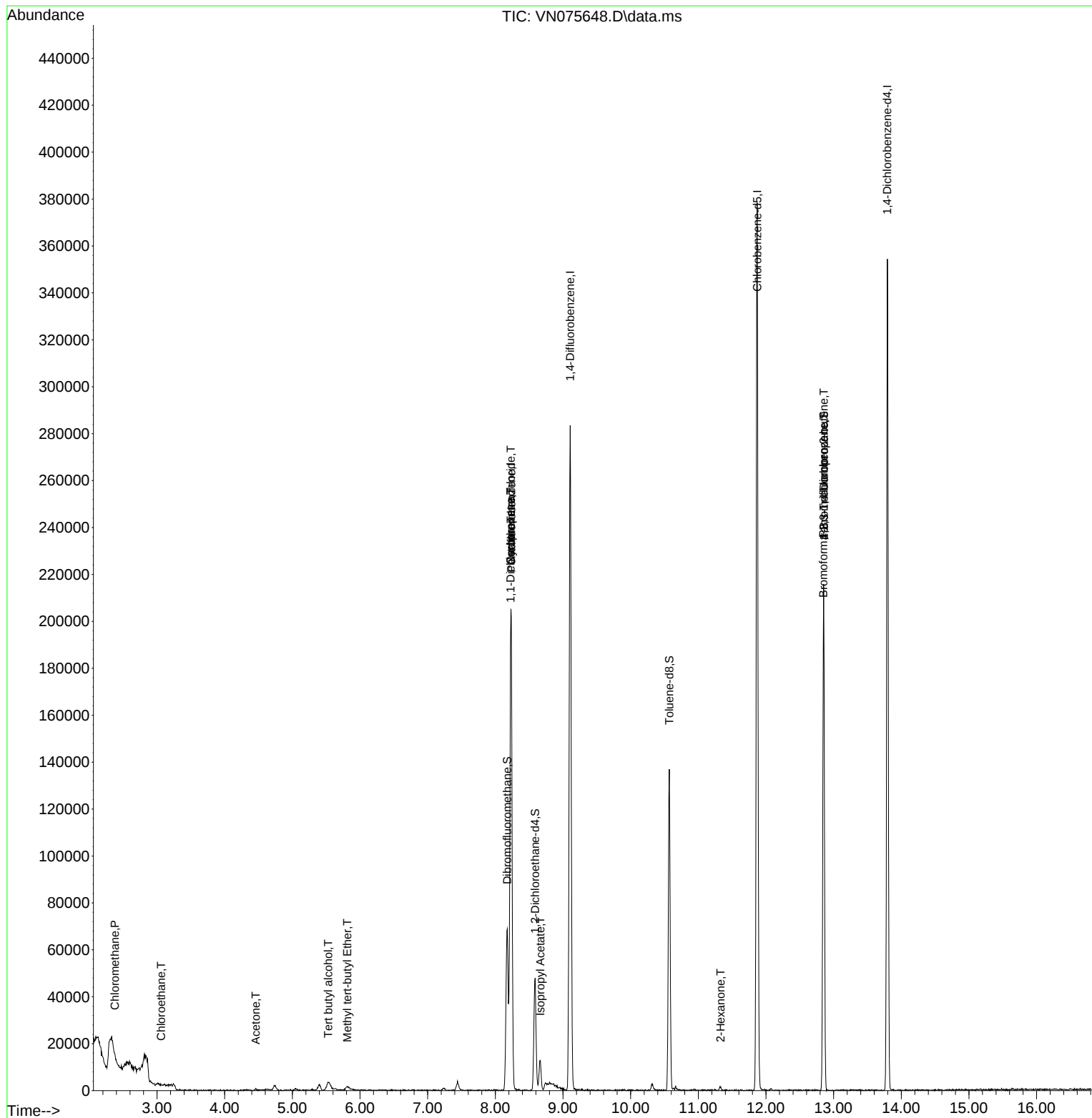
Internal Standards						
1) Pentafluorobenzene	8.236	168	164129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	234065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	39057	44.332	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.660%		
35) Dibromofluoromethane	8.177	113	50592	47.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	10.571	98	99565	41.896	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	83.800%#		
62) 4-Bromofluorobenzene	12.853	95	72400	41.275	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.560%#		
Target Compounds						Qvalue
3) Chloromethane	2.377	50	498	0.319	ug/l #	42
6) Chloroethane	3.059	64	424	0.284	ug/l #	45
11) Tert butyl alcohol	5.530	59	3478	9.404	ug/l #	72
16) Acetone	4.459	43	1115	1.357	ug/l	97
18) Methyl Acetate	5.048	43	1124	Below Cal		91
19) Methyl tert-butyl Ether	5.812	73	1930	0.358	ug/l #	90
20) Methylene Chloride	5.289	84	200	Below Cal	#	7
31) Cyclohexane	8.230	56	3450	1.233	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10780	4.685	ug/l #	52
38) Carbon Tetrachloride	8.230	117	15882	6.283	ug/l #	17
43) Isopropyl Acetate	8.665	43	2904	0.873	ug/l #	53
59) 2-Hexanone	11.329	43	463	0.291	ug/l	98
71) Bromoform	12.847	173	606	0.441	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	36778	19.259	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	36778	56.984	ug/l #	10

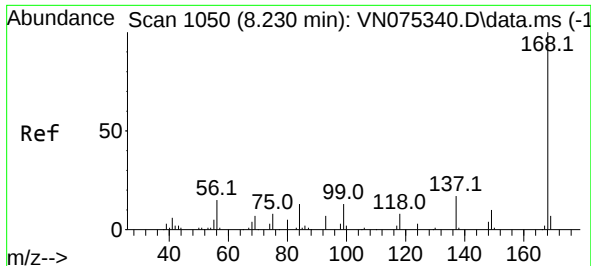
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
Data File : VN075648.D
Acq On : 08 Dec 2022 15:20
Operator : JC\MD
Sample : N5924-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MID1222

Quant Time: Dec 09 02:08:12 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

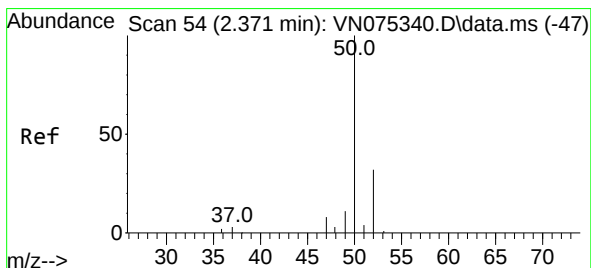
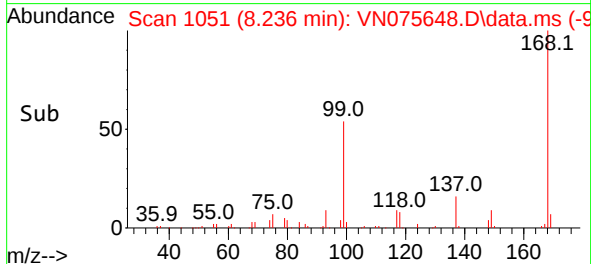
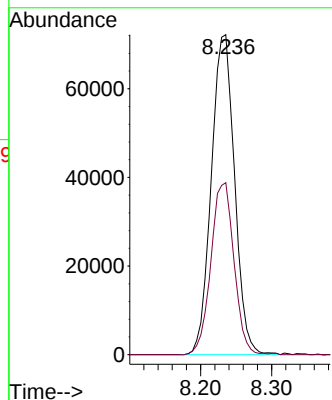
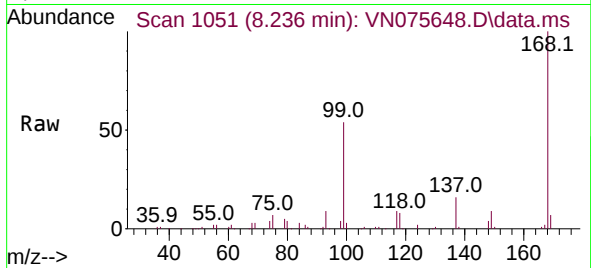




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

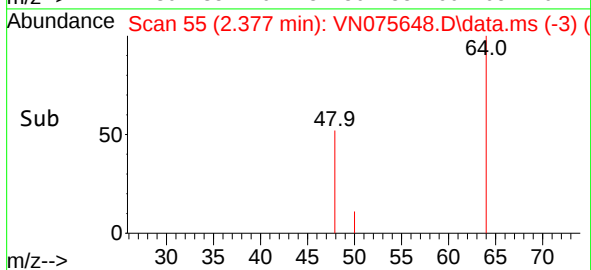
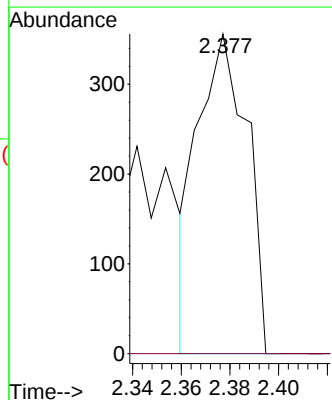
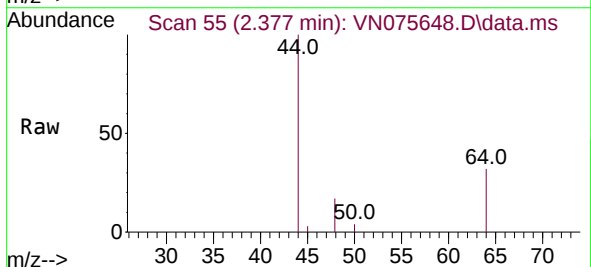
Instrument :
MSVOA_N
ClientSampleId :
MID1222

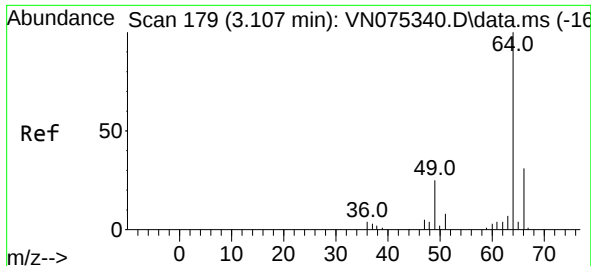
Tgt Ion:168 Resp: 164129
Ion Ratio Lower Upper
168 100
99 53.7 51.6 77.4



#3
Chloromethane
Concen: 0.319 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

Tgt Ion: 50 Resp: 498
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

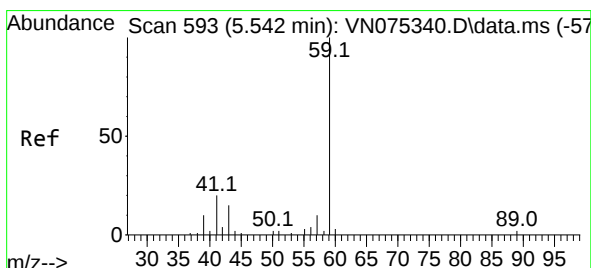
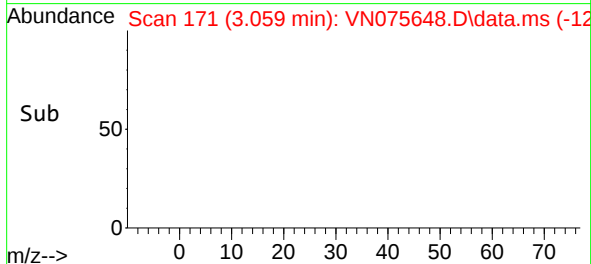
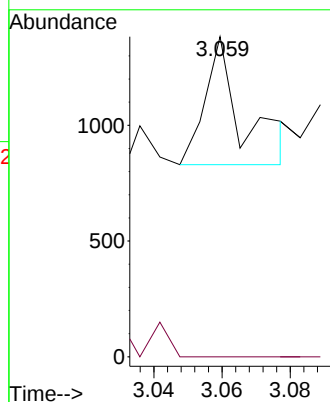
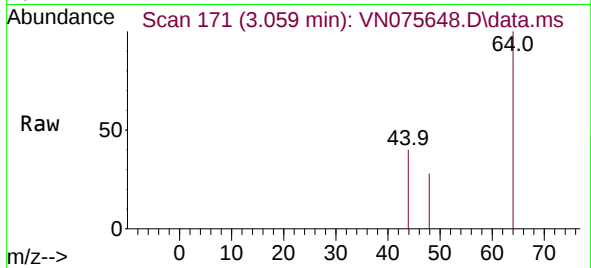




#6
Chloroethane
Concen: 0.284 ug/l
RT: 3.059 min Scan# 11
Delta R.T. -0.048 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

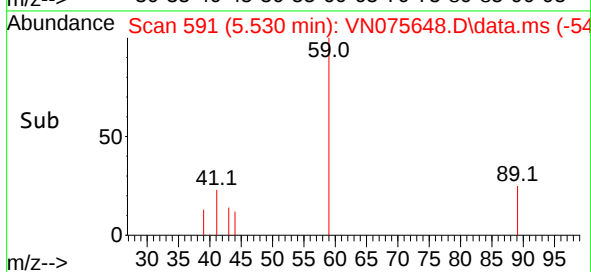
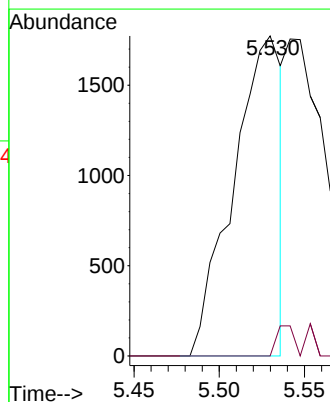
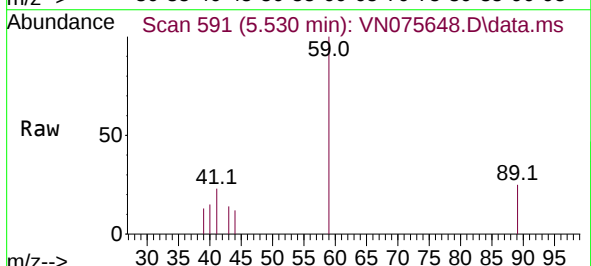
Instrument :
MSVOA_N
ClientSampleId :
MID1222

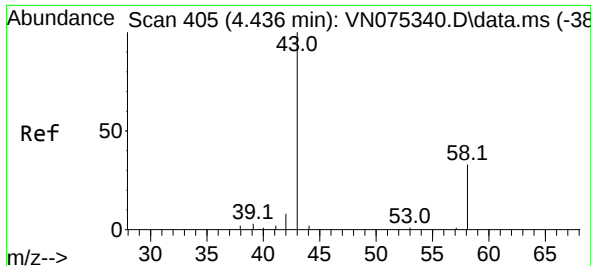
Tgt Ion: 64 Resp: 424
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 9.404 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

Tgt Ion: 59 Resp: 3478
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

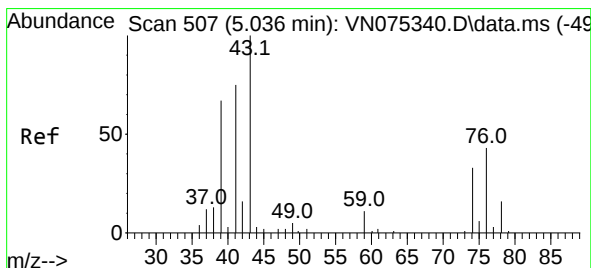
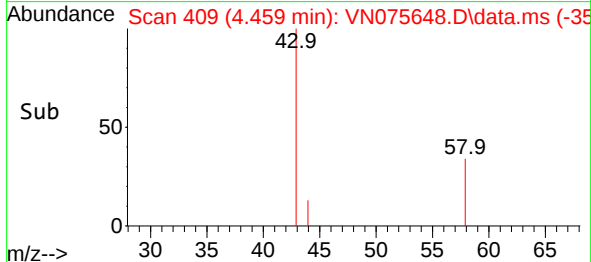
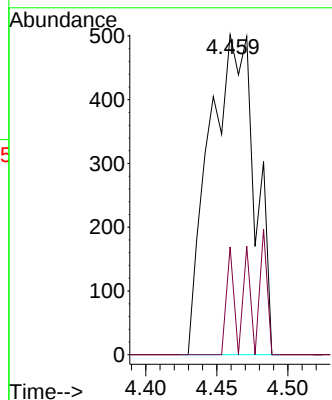
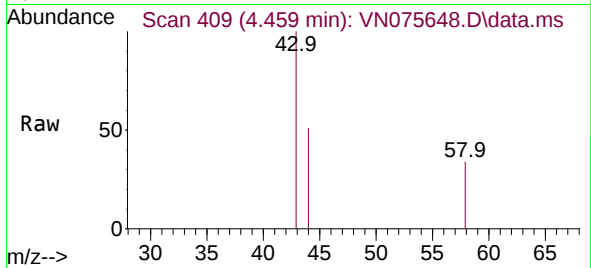




#16
Acetone
Concen: 1.357 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.023 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

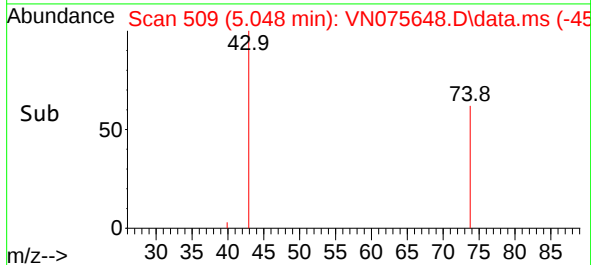
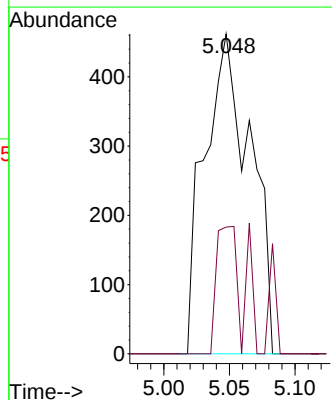
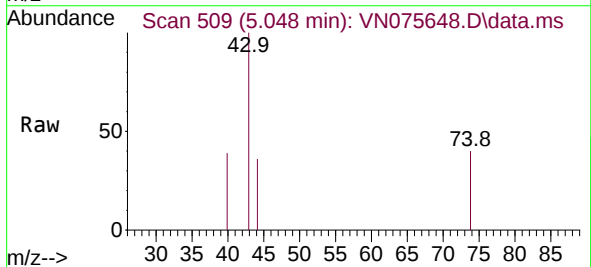
Instrument :
MSVOA_N
ClientSampleId :
MID1222

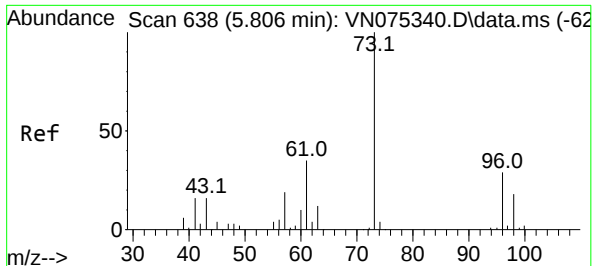
Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 33.7 25.5 38.3



#18
Methyl Acetate
Concen: Below Cal
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
74 23.0 22.0 33.0





#19

Methyl tert-butyl Ether

Concen: 0.358 ug/l

RT: 5.812 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

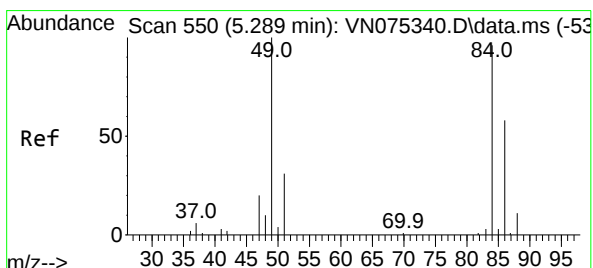
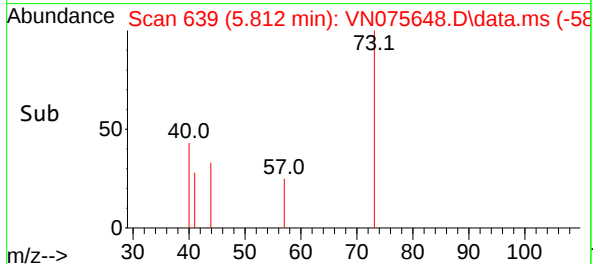
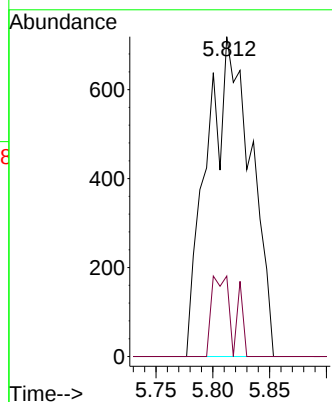
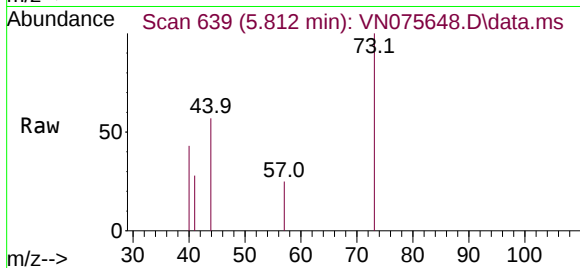
MID1222

Tgt Ion: 73 Resp: 1930

Ion Ratio Lower Upper

73 100

57 25.2 16.3 24.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 550

Delta R.T. -0.000 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

Tgt Ion: 84 Resp: 200

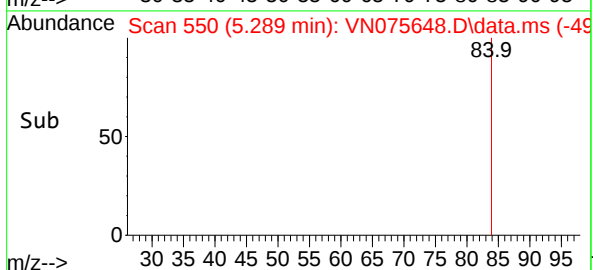
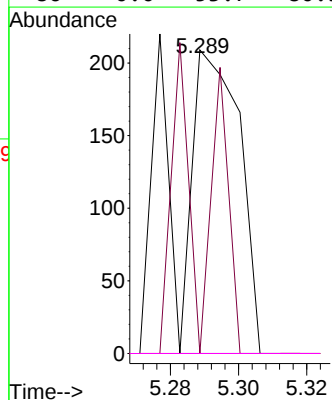
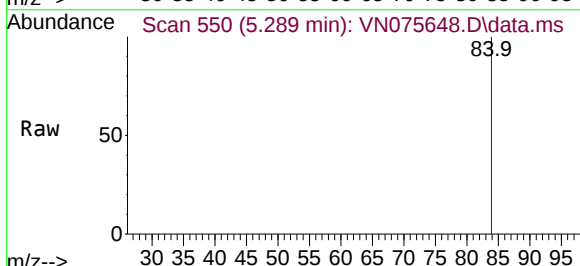
Ion Ratio Lower Upper

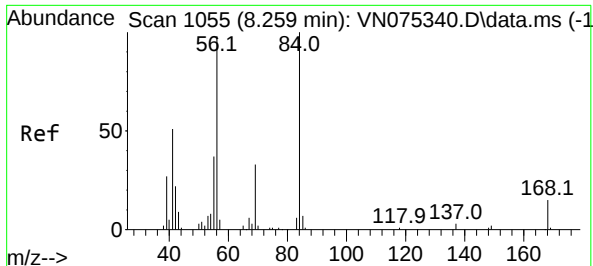
84 100

49 0.0 94.9 142.3#

51 0.0 26.8 40.2#

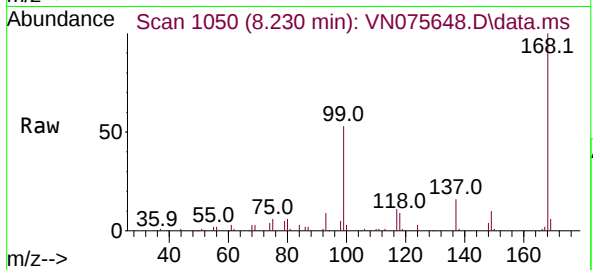
86 0.0 53.7 80.5#



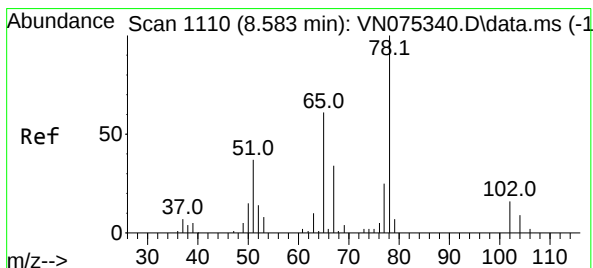
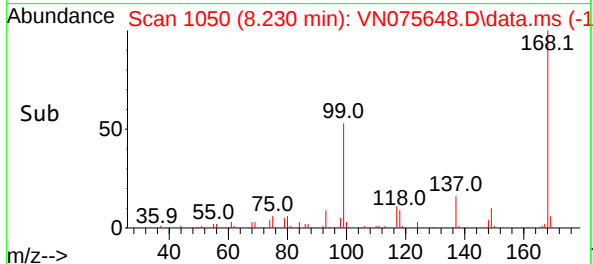
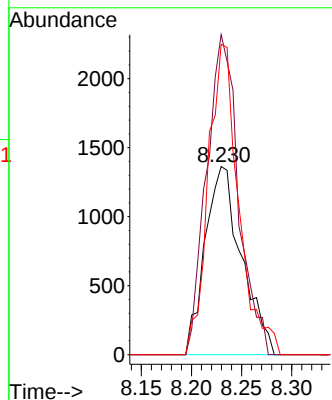


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 8.230 min Scan# 11050
Delta R.T. -0.029 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

Instrument :
MSVOA_N
ClientSampleId :
MID1222

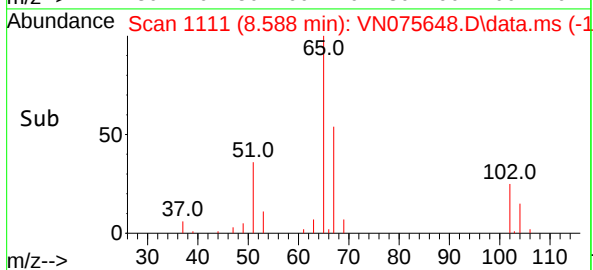
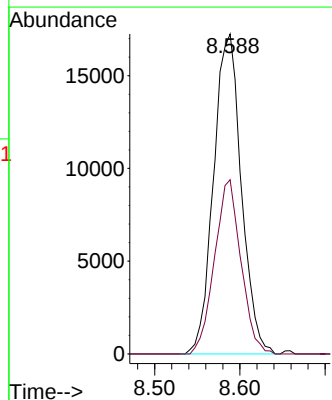
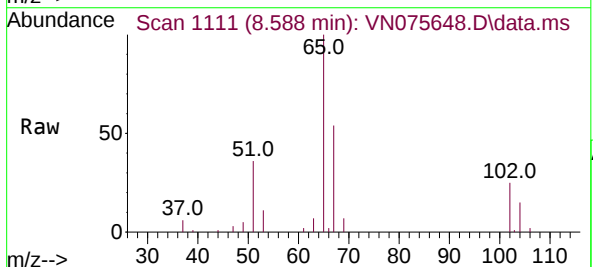


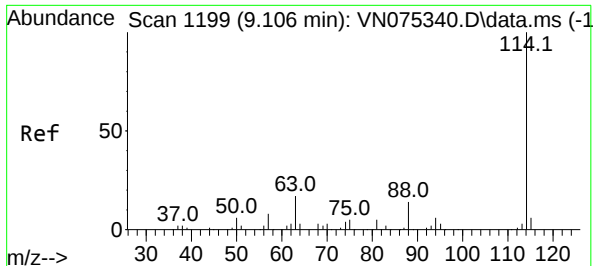
Tgt Ion: 56 Resp: 3450
Ion Ratio Lower Upper
56 100
69 170.1 25.2 37.8#
84 165.0 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 44.332 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

Tgt Ion: 65 Resp: 39057
Ion Ratio Lower Upper
65 100
67 51.8 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: VN075648.D

Acq: 08 Dec 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

MID1222

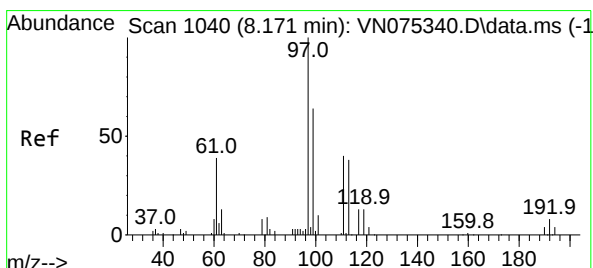
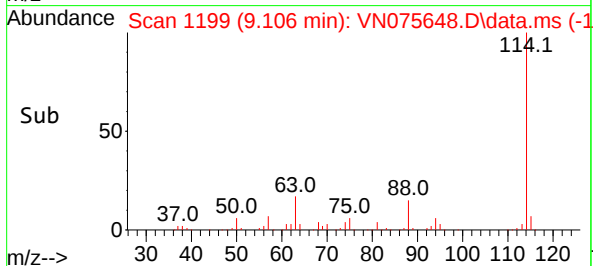
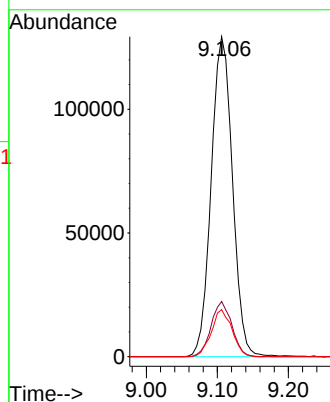
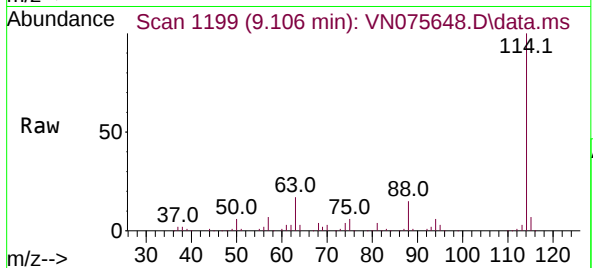
Tgt Ion:114 Resp: 268597

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 47.948 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

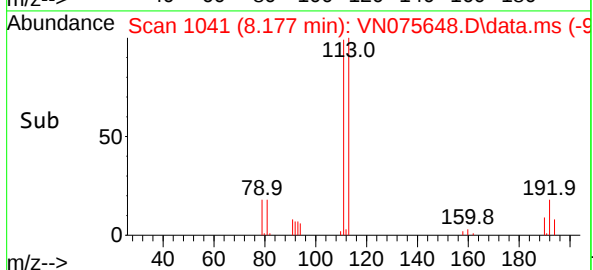
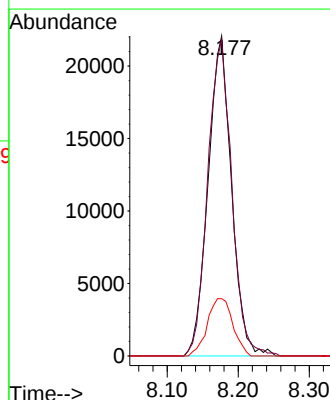
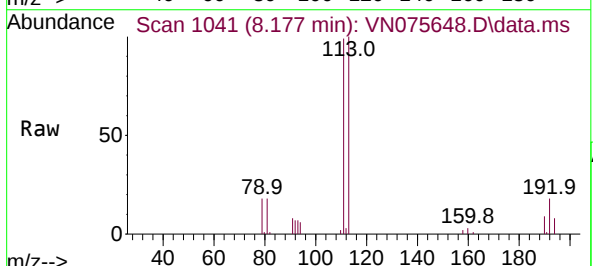
Tgt Ion:113 Resp: 50592

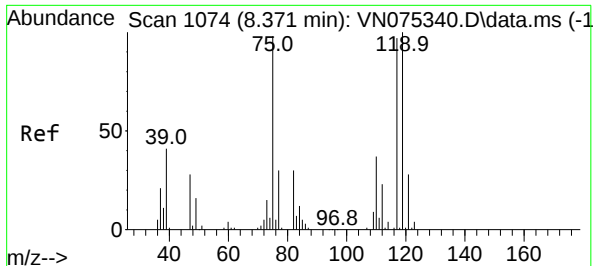
Ion Ratio Lower Upper

113 100

111 101.3 80.5 120.7

192 19.5 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.685 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

MID1222

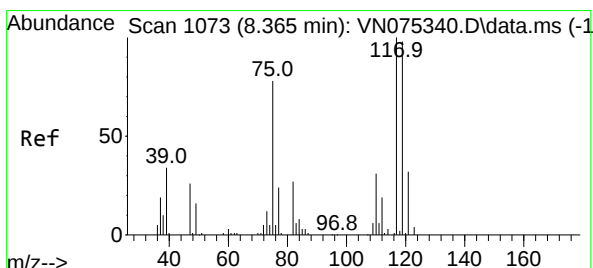
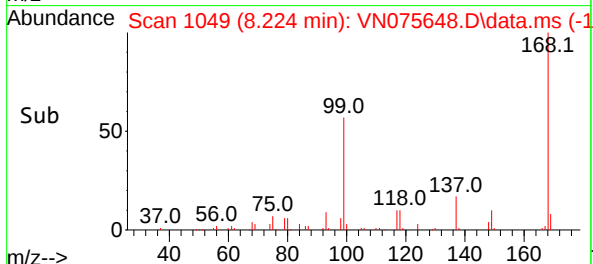
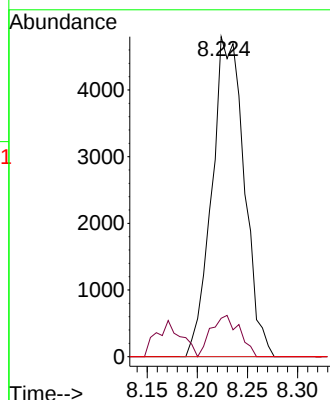
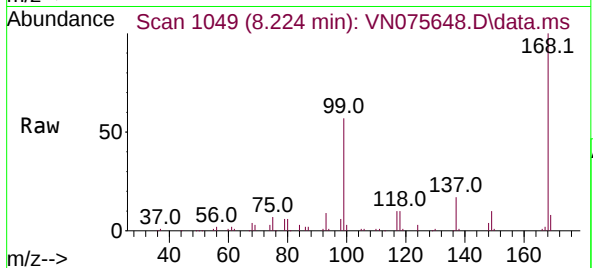
Tgt Ion: 75 Resp: 10780

Ion Ratio Lower Upper

75 100

110 11.4 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.283 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

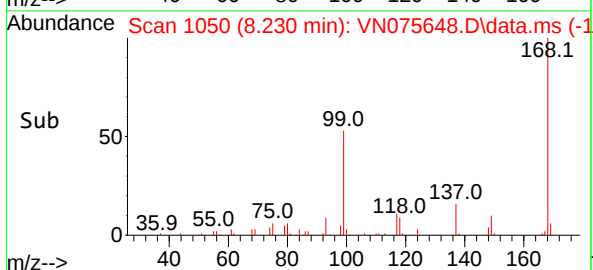
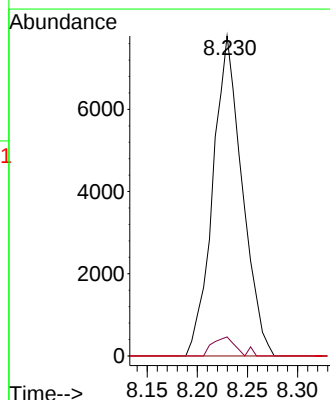
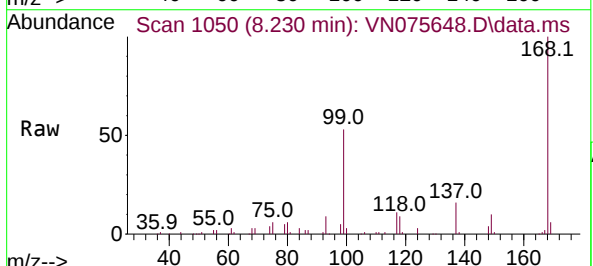
Tgt Ion: 117 Resp: 15882

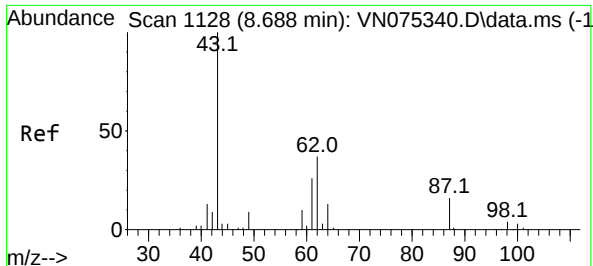
Ion Ratio Lower Upper

117 100

119 5.9 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.873 ug/l

RT: 8.665 min Scan# 1124

Delta R.T. -0.023 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

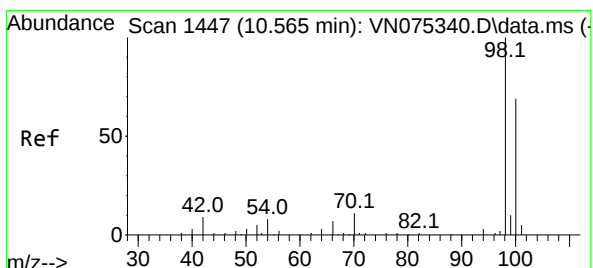
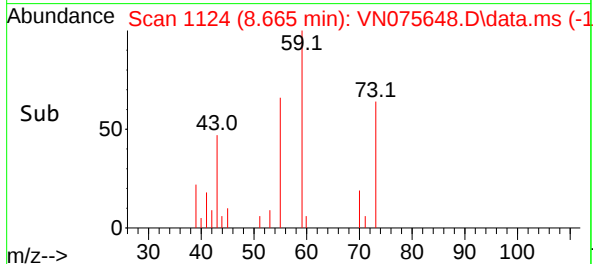
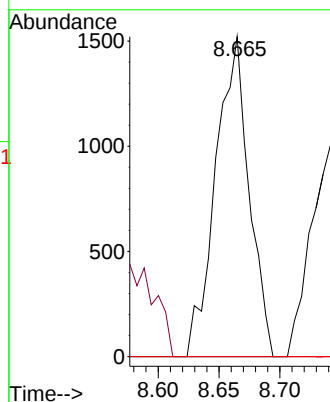
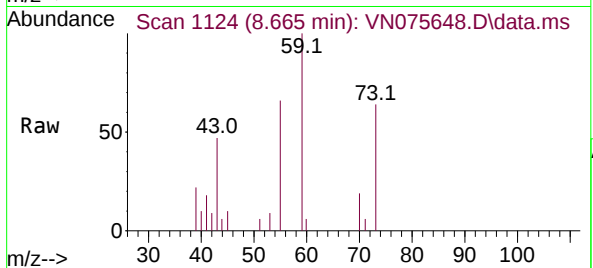
Instrument :

MSVOA_N

ClientSampleId :

MID1222

Tgt Ion: 43	Resp:	2904
Ion Ratio	Lower	Upper
43	100	
61	0.0	22.4
87	0.0	12.5



#50

Toluene-d8

Concen: 41.896 ug/l

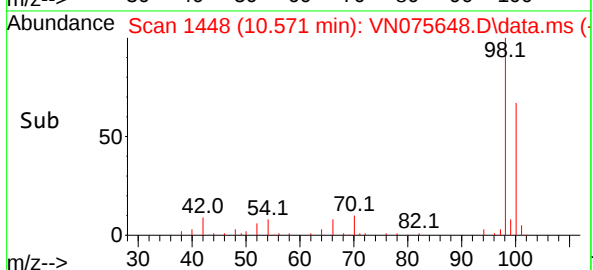
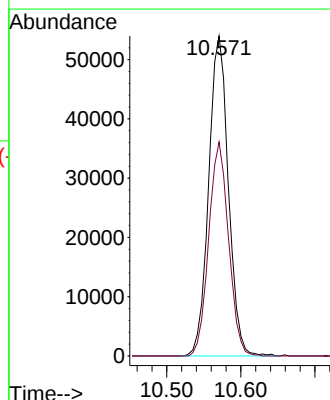
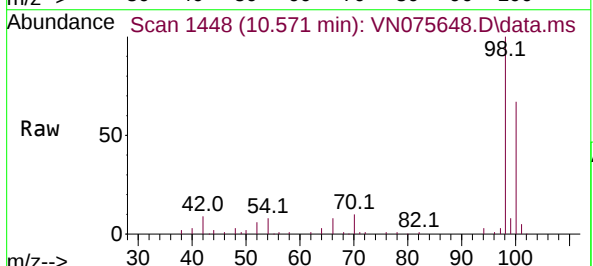
RT: 10.571 min Scan# 1448

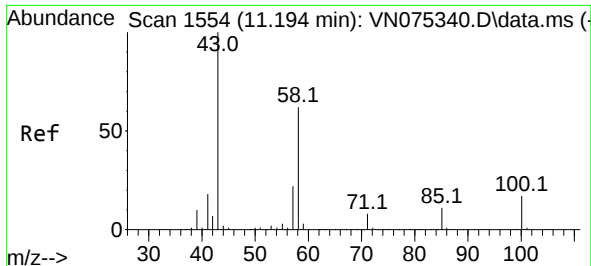
Delta R.T. 0.006 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

Tgt Ion: 98	Resp:	99565
Ion Ratio	Lower	Upper
98	100	
100	67.2	53.0

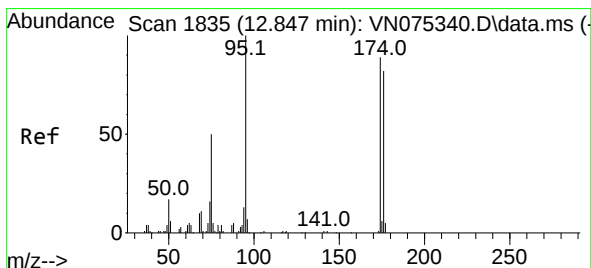
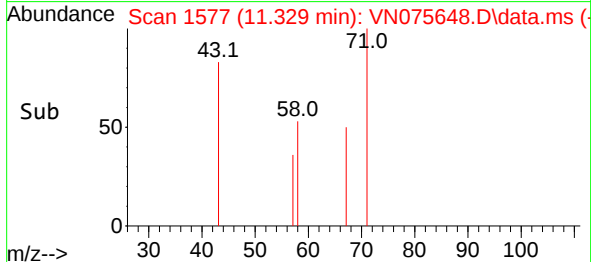
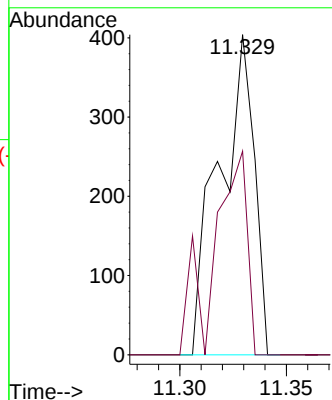
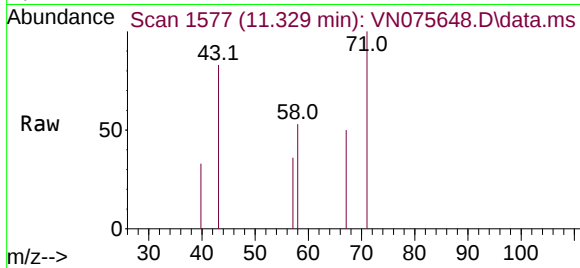




#59
2-Hexanone
Concen: 0.291 ug/l
RT: 11.329 min Scan# 11
Delta R.T. 0.135 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

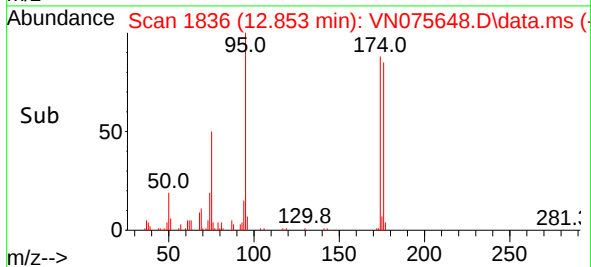
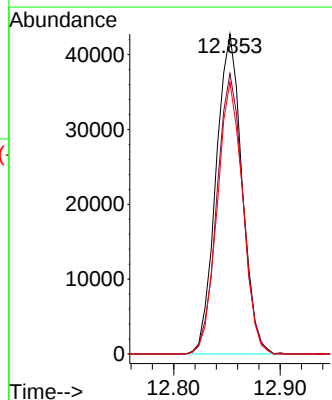
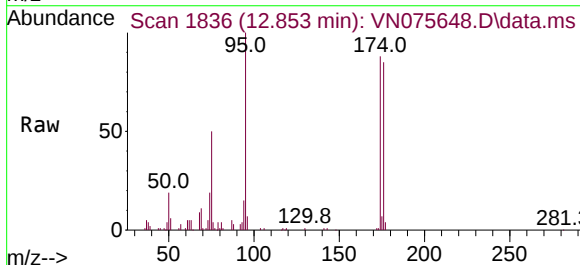
Instrument :
MSVOA_N
ClientSampleId :
MID1222

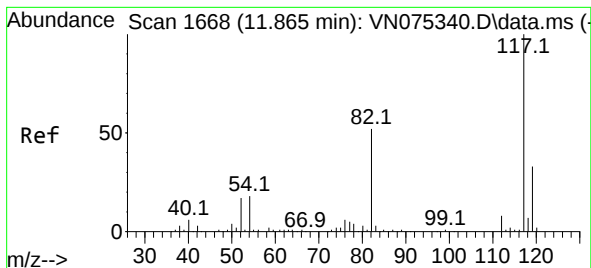
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
58 60.5 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 41.275 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075648.D
Acq: 08 Dec 2022 15:20

Tgt Ion: 95 Resp: 72400
Ion Ratio Lower Upper
95 100
174 87.3 0.0 147.4
176 83.8 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

MID1222

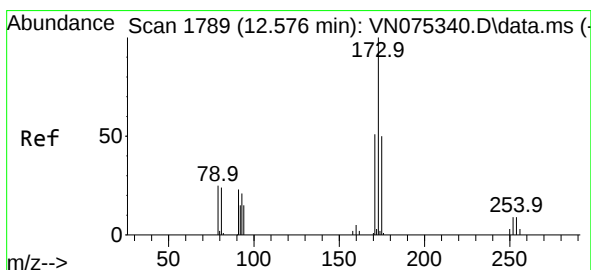
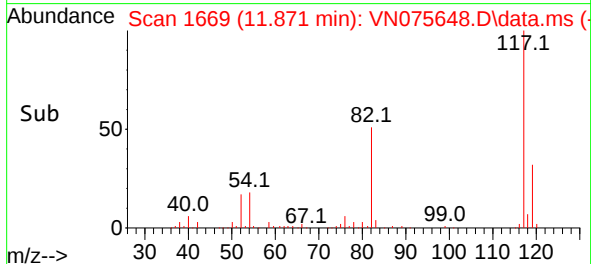
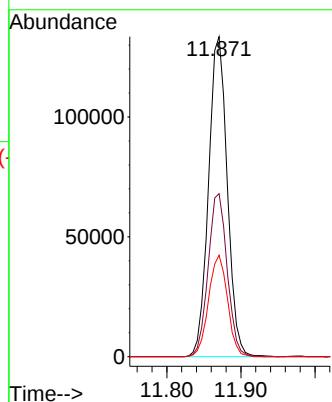
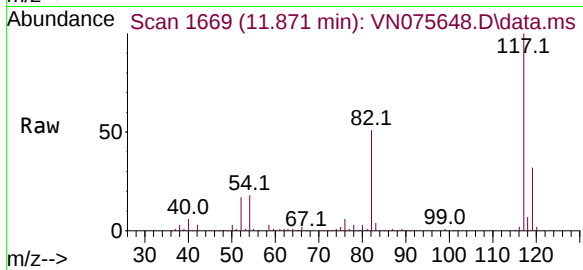
Tgt Ion:117 Resp: 234065

Ion Ratio Lower Upper

117 100

82 51.0 43.1 64.7

119 31.7 25.5 38.3



#71

Bromoform

Concen: 0.441 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.271 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

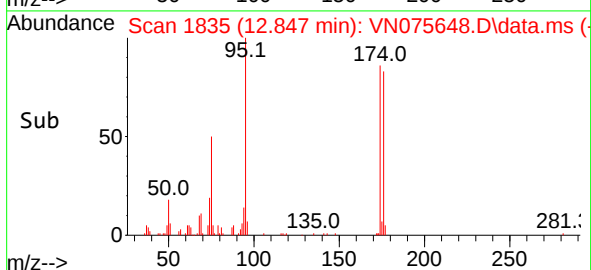
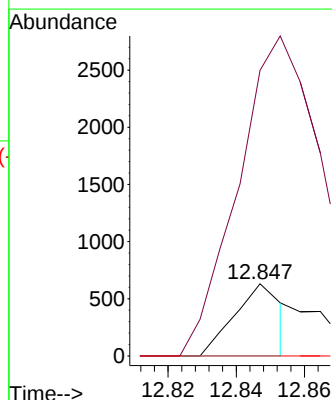
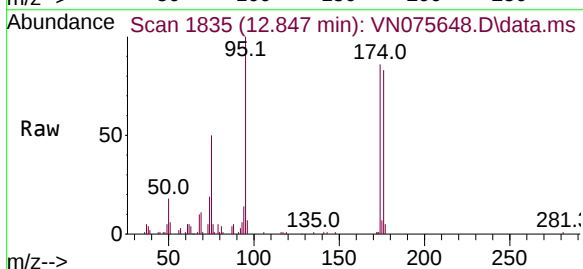
Tgt Ion:173 Resp: 606

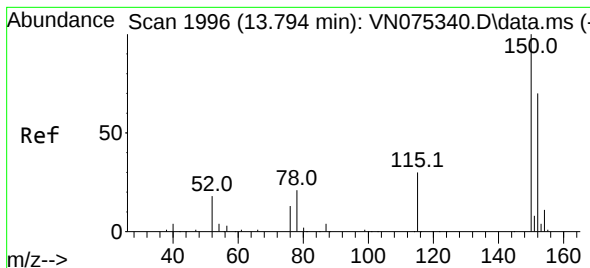
Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075648.D

Acq: 08 Dec 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

MID1222

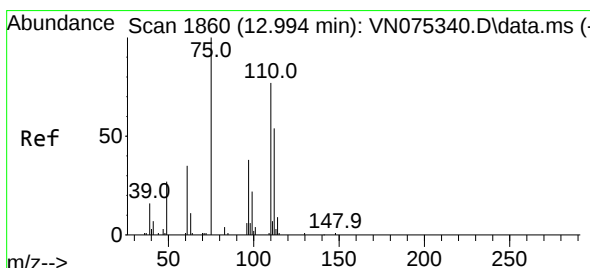
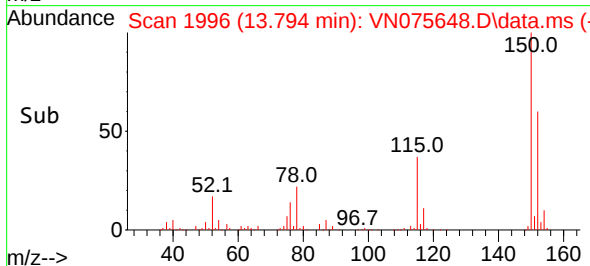
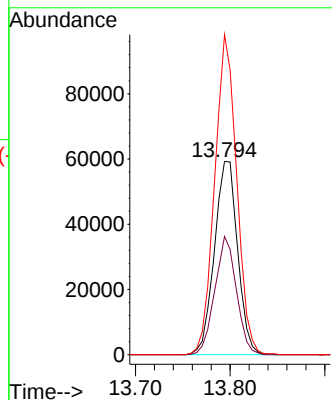
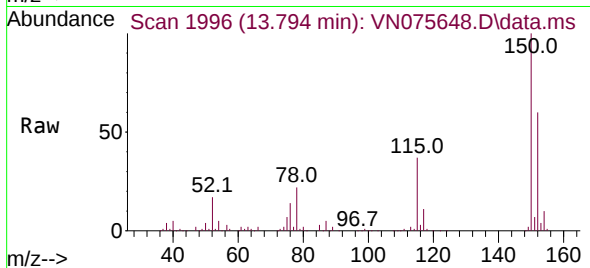
Tgt Ion:152 Resp: 100998

Ion Ratio Lower Upper

152 100

115 56.8 30.2 90.6

150 156.8 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 19.259 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075648.D

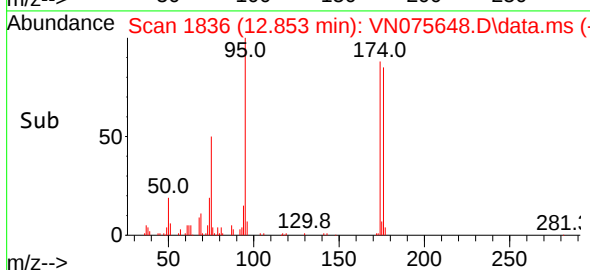
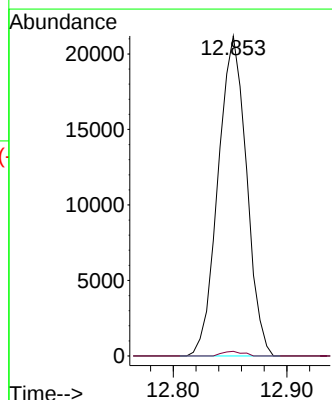
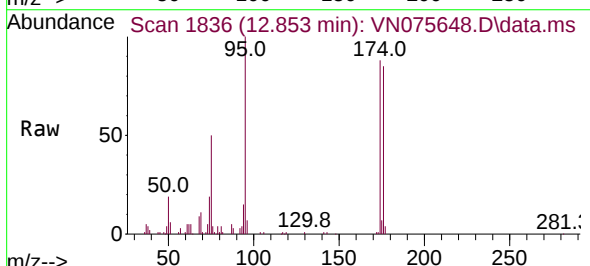
Acq: 08 Dec 2022 15:20

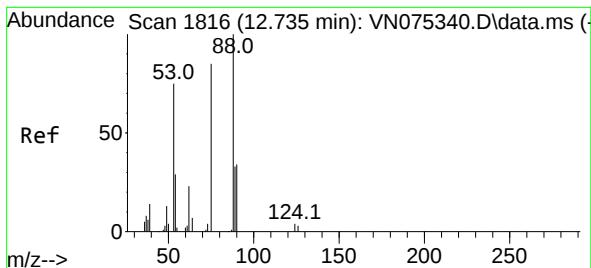
Tgt Ion: 75 Resp: 36778

Ion Ratio Lower Upper

75 100

77 1.1 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.984 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075648.D
 Acq: 08 Dec 2022 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MID1222

Tgt Ion: 75 Resp: 36778
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

