

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120122\
 Data File : VN075520.D
 Acq On : 01 Dec 2022 17:30
 Operator : JC\MD
 Sample : N5787-01ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 04:38:40 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	8.224	168	229483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	64019	51.971	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.940%	
35) Dibromofluoromethane	8.171	113	78851	53.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.620%	
50) Toluene-d8	10.565	98	173260	52.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	12.853	95	118380	48.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.180%	

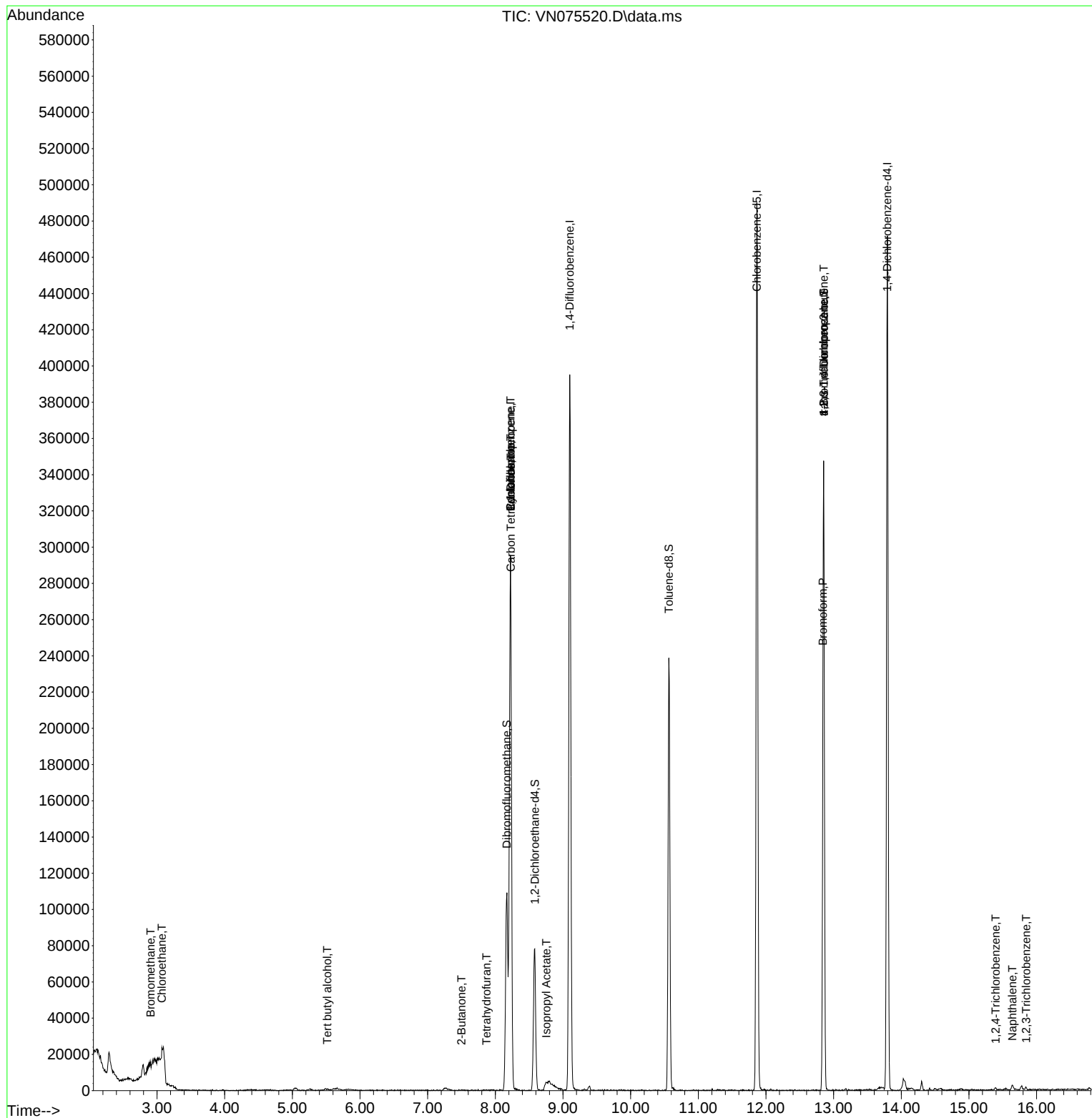
Target Compounds			Qvalue			
5) Bromomethane	2.906	94	547	0.226	ug/l #	65
6) Chloroethane	3.071	64	11088	5.318	ug/l #	57
11) Tert butyl alcohol	5.518	59	128	0.248	ug/l #	72
18) Methyl Acetate	5.042	43	1584	Below Cal		97
20) Methylene Chloride	5.265	84	652	Below Cal	#	79
25) 2-Butanone	7.500	43	325	0.203	ug/l #	43
29) Tetrahydrofuran	7.871	42	347	0.356	ug/l #	26
31) Cyclohexane	8.224	56	4069	1.040	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	15968	4.997	ug/l #	50
38) Carbon Tetrachloride	8.230	117	22362	6.370	ug/l #	15
43) Isopropyl Acetate	8.753	43	3118	0.675	ug/l #	53
71) Bromoform	12.841	173	429	0.234	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	57214	22.532	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	57214	66.668	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.394	180	601	0.262	ug/l #	80
95) Naphthalene	15.641	128	3828	0.531	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.847	180	600	0.266	ug/l	79

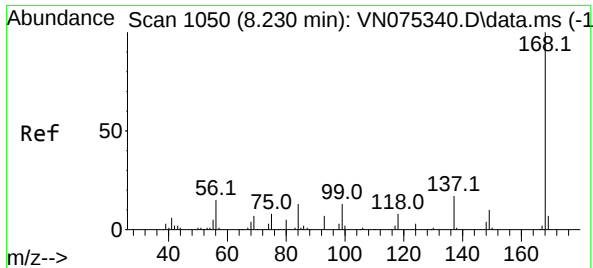
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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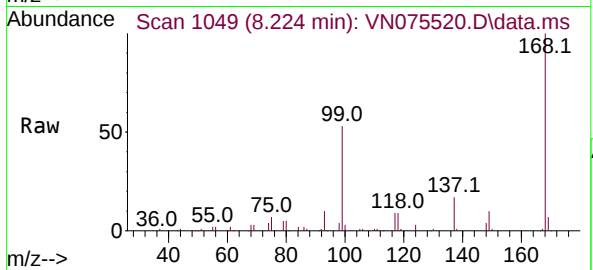
Quant Time: Dec 02 04:38:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
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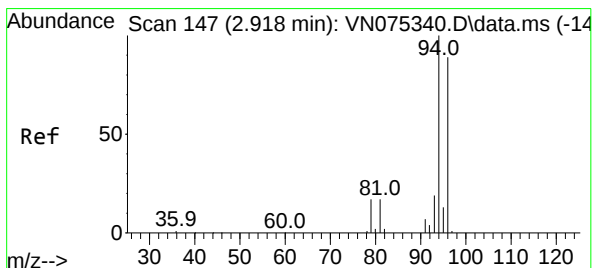
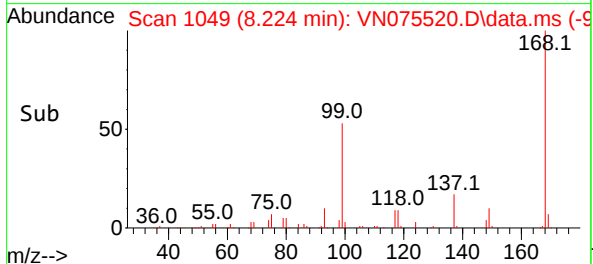
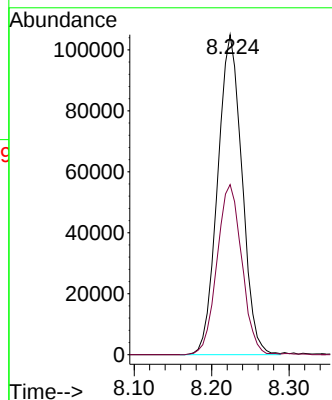


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :

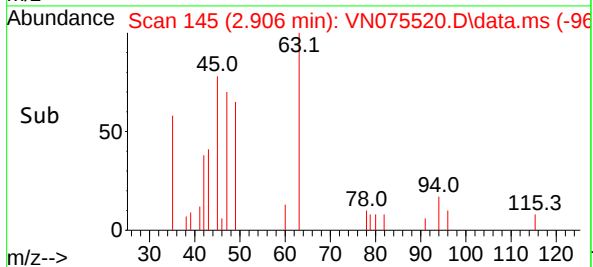
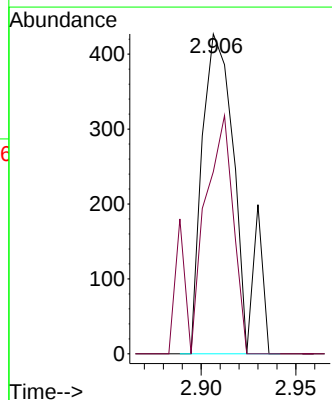
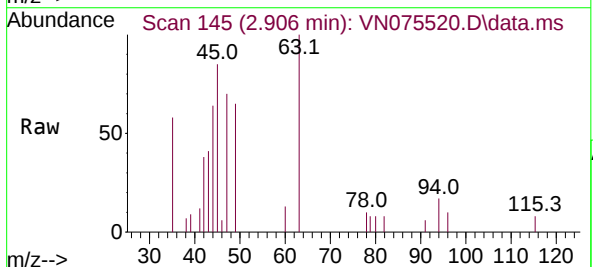


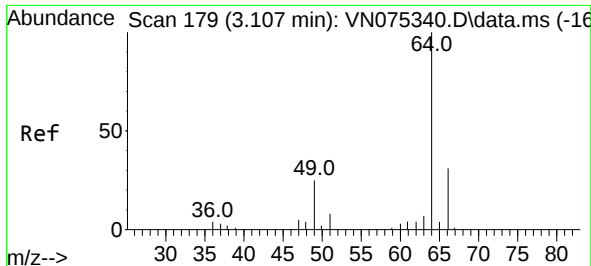
Tgt Ion:168 Resp: 229483
Ion Ratio Lower Upper
168 100
99 53.2 51.6 77.4



#5
Bromomethane
Concen: 0.226 ug/l
RT: 2.906 min Scan# 145
Delta R.T. -0.012 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

Tgt Ion: 94 Resp: 547
Ion Ratio Lower Upper
94 100
96 56.9 71.8 107.6#

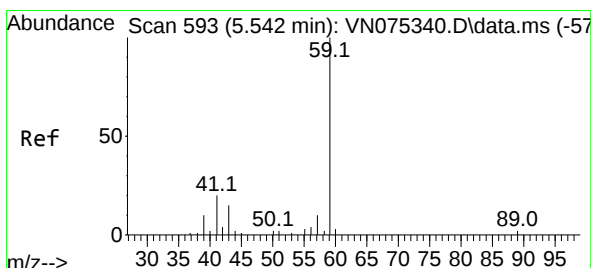
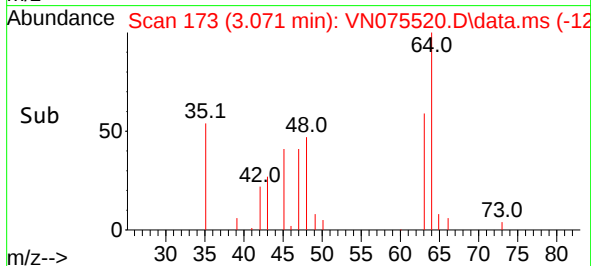
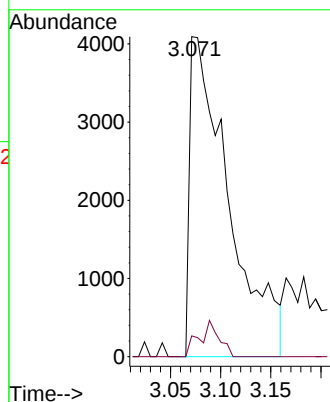
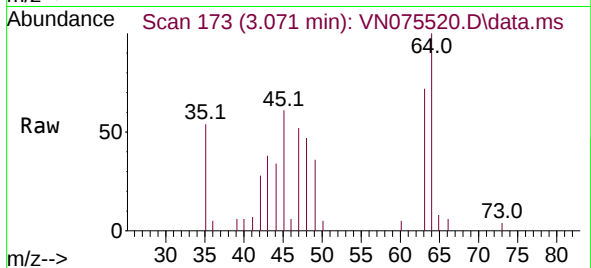




#6
Chloroethane
Concen: 5.318 ug/l
RT: 3.071 min Scan# 11
Delta R.T. -0.036 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

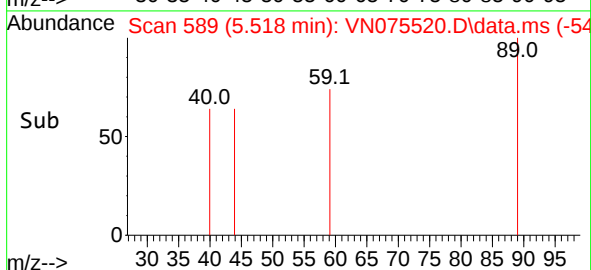
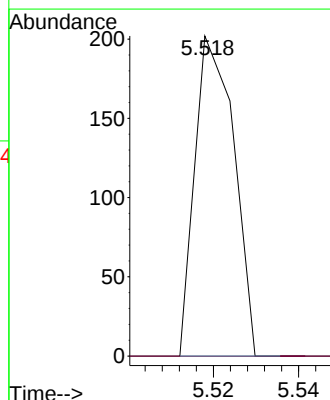
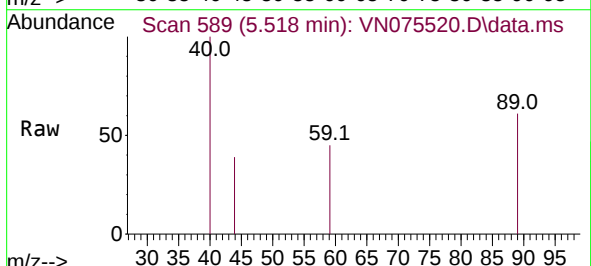
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 64 Resp: 11088
Ion Ratio Lower Upper
64 100
66 6.5 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.248 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

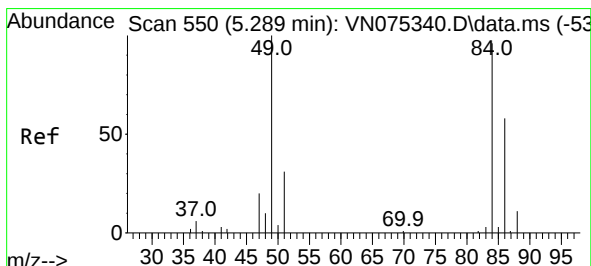
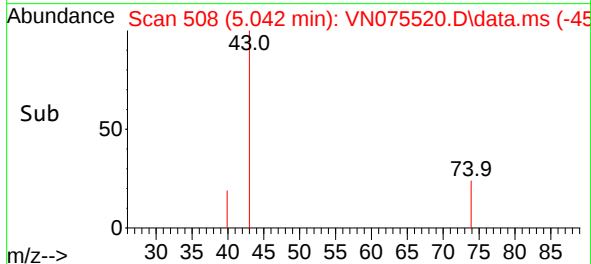
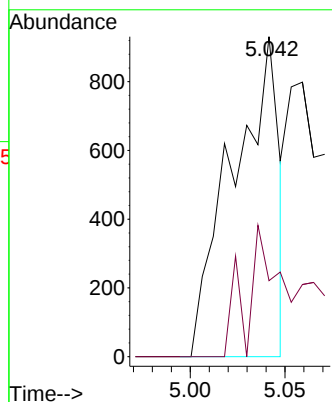
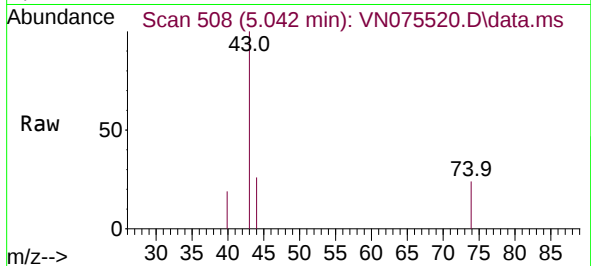




#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

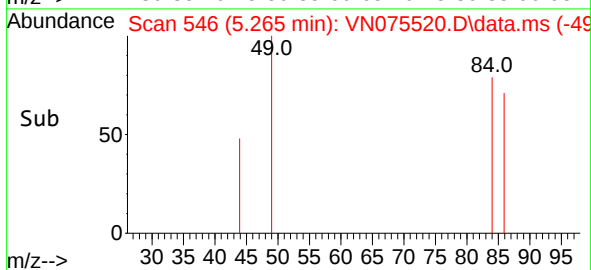
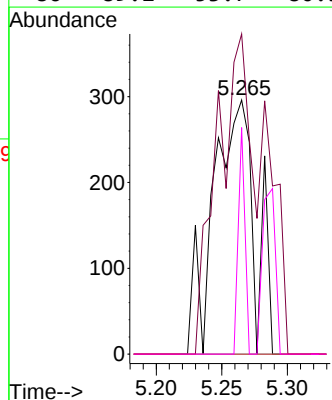
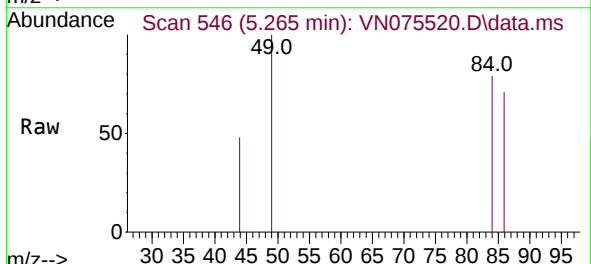
Instrument :
MSVOA_N
ClientSampleId :

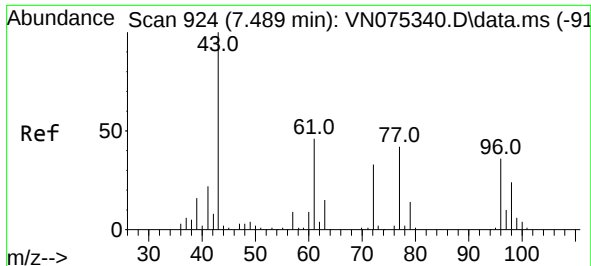
Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
74 29.0 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 546
Delta R.T. -0.024 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

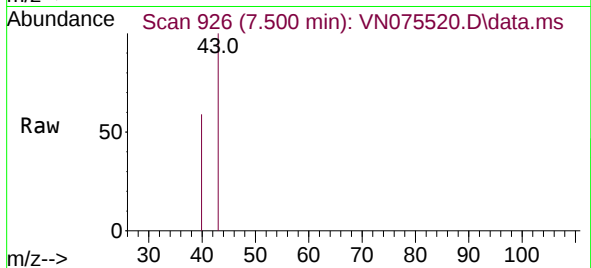
Tgt Ion: 84 Resp: 652
Ion Ratio Lower Upper
84 100
49 126.0 94.9 142.3
51 0.0 26.8 40.2#
86 89.2 53.7 80.5#



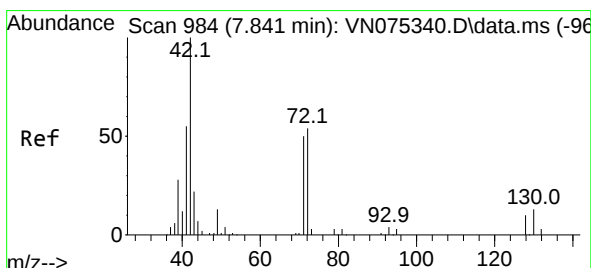
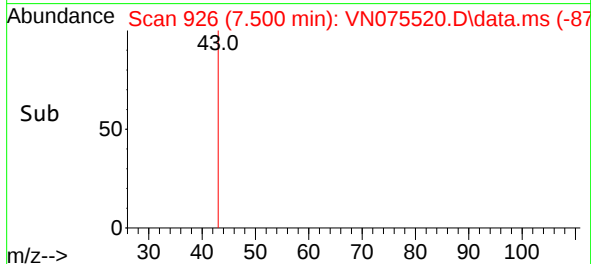
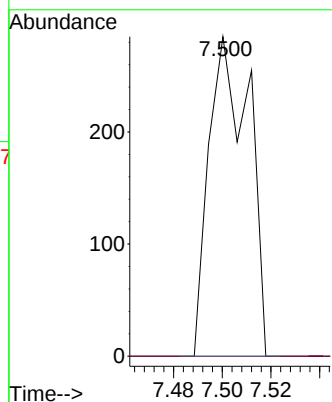


#25
2-Butanone
Concen: 0.203 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :

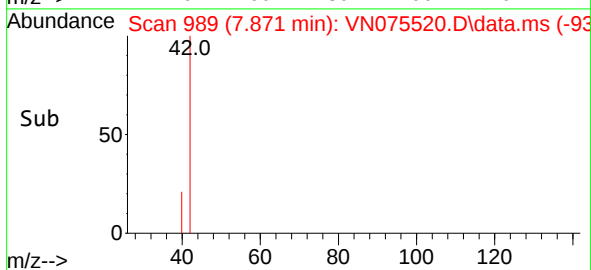
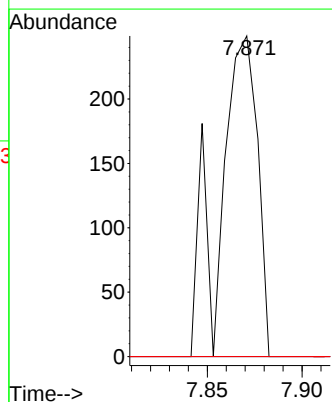
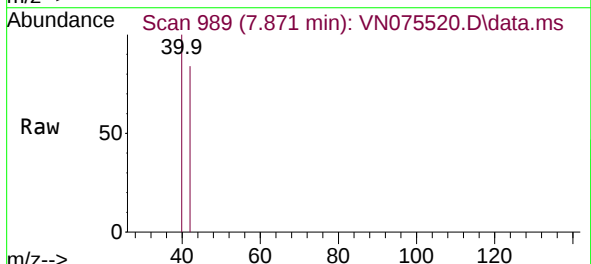


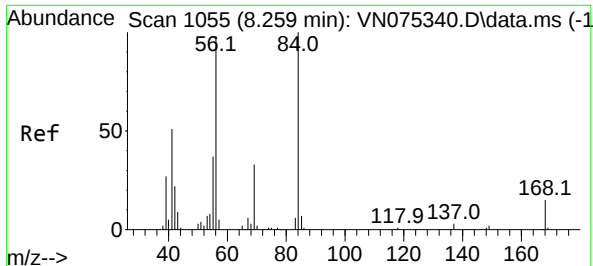
Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
72 0.0 25.5 38.3#



#29
Tetrahydrofuran
Concen: 0.356 ug/l
RT: 7.871 min Scan# 989
Delta R.T. 0.030 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

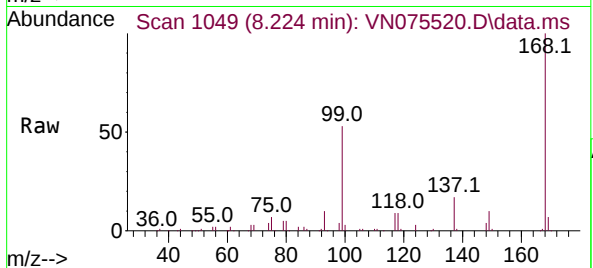
Tgt Ion: 42 Resp: 347
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.6#
71 0.0 39.9 59.9#



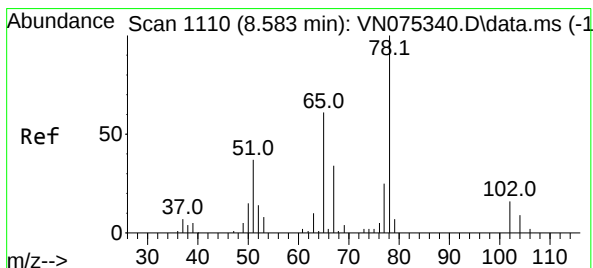
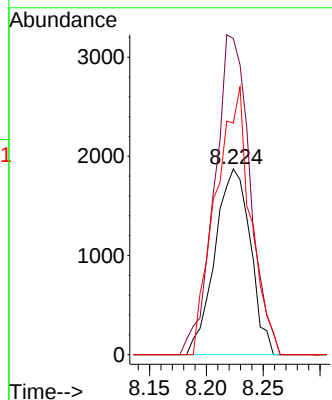
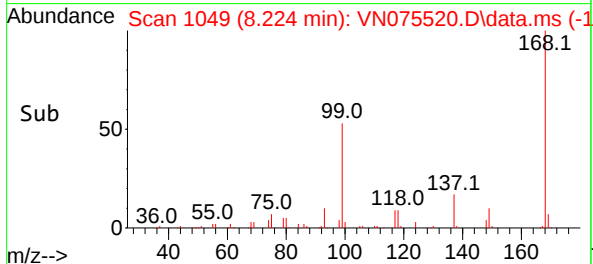


#31
Cyclohexane
Concen: 1.040 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :

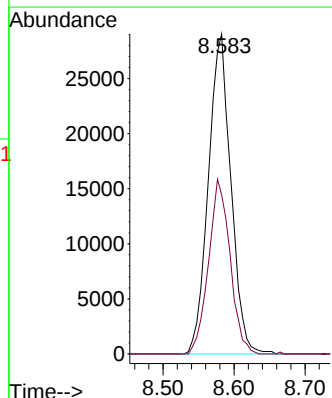
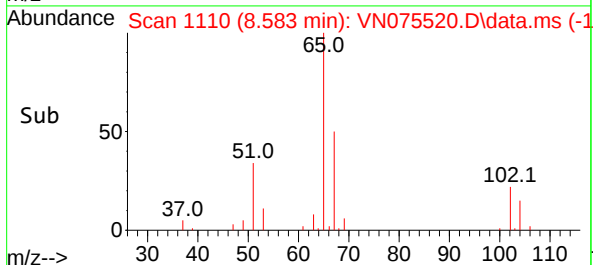
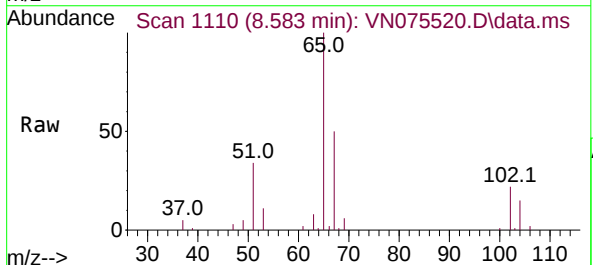


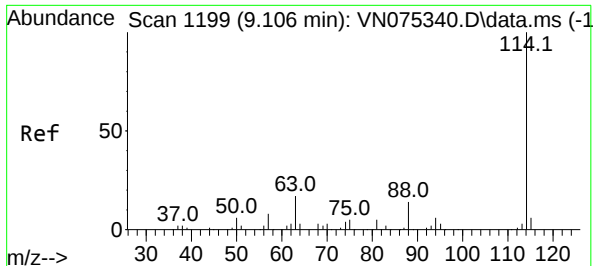
Tgt Ion: 56 Resp: 4069
Ion Ratio Lower Upper
56 100
69 170.1 25.2 37.8#
84 124.7 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 51.971 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

Tgt Ion: 65 Resp: 64019
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075520.D

Acq: 01 Dec 2022 17:30

Instrument :

MSVOA_N

ClientSampleId :

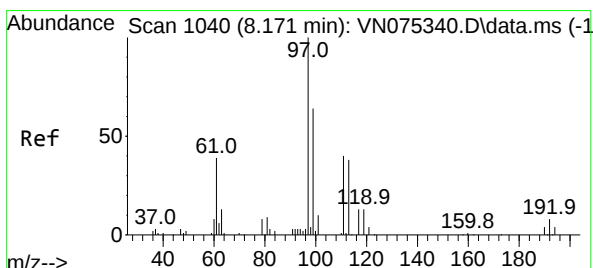
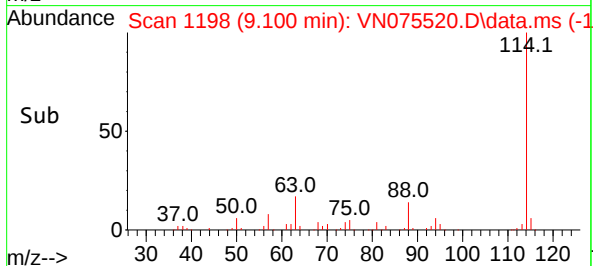
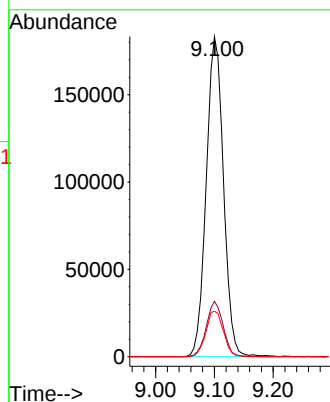
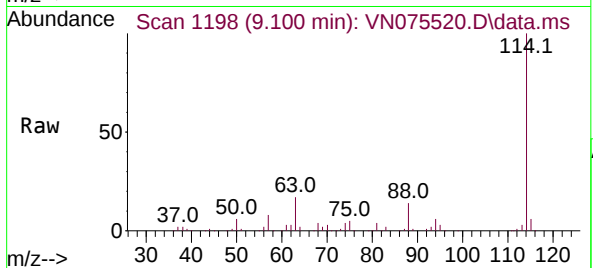
Tgt Ion:114 Resp: 373024

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.810 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075520.D

Acq: 01 Dec 2022 17:30

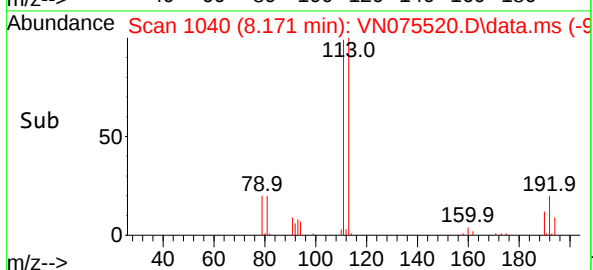
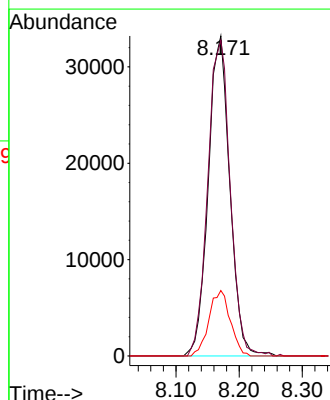
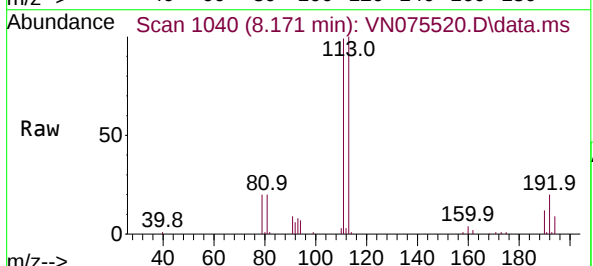
Tgt Ion:113 Resp: 78851

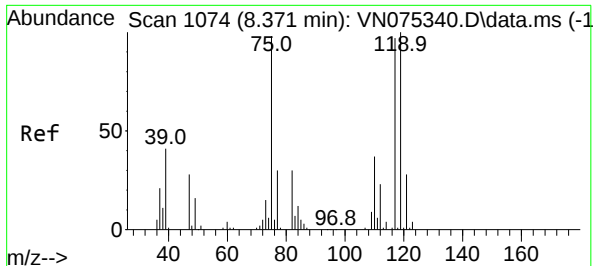
Ion Ratio Lower Upper

113 100

111 102.7 80.5 120.7

192 20.2 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 4.997 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075520.D

Acq: 01 Dec 2022 17:30

Instrument :

MSVOA_N

ClientSampleId :

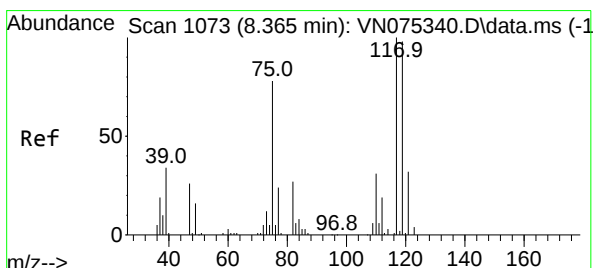
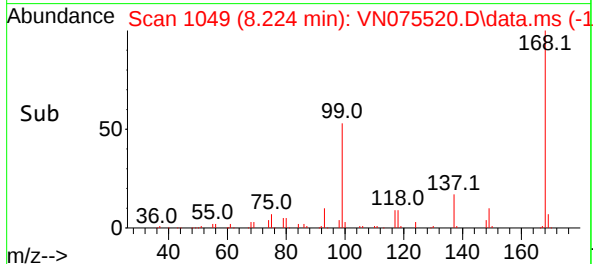
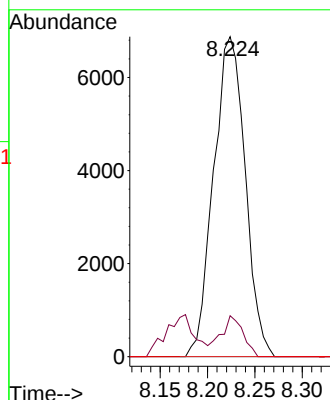
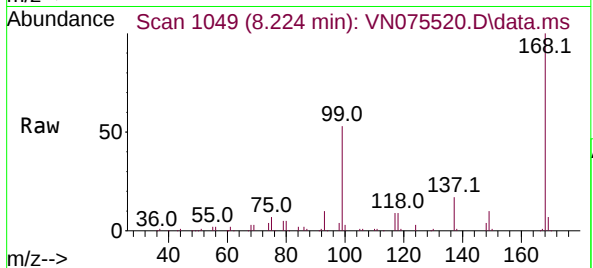
Tgt Ion: 75 Resp: 15968

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.370 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075520.D

Acq: 01 Dec 2022 17:30

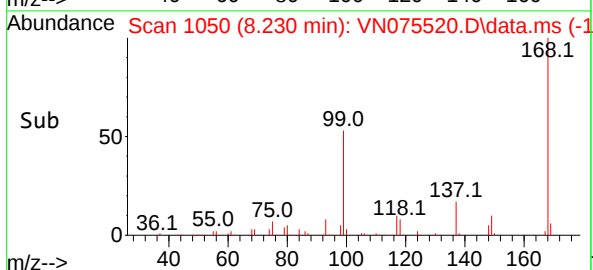
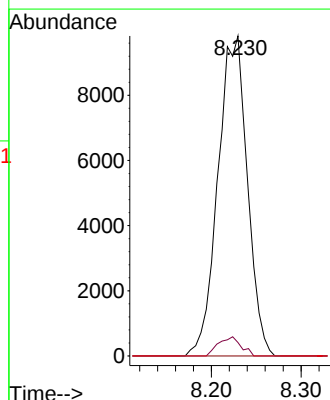
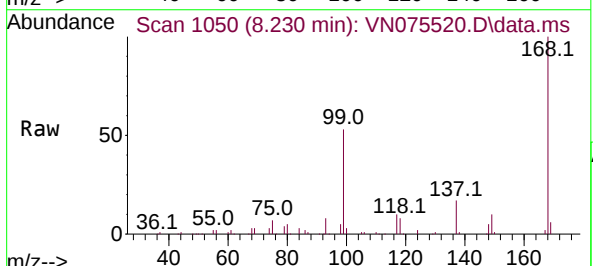
Tgt Ion: 117 Resp: 22362

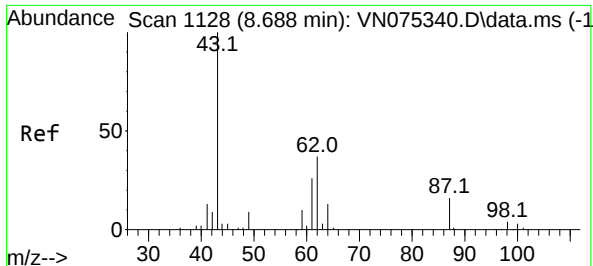
Ion Ratio Lower Upper

117 100

119 4.2 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.675 ug/l

RT: 8.753 min Scan# 1128

Delta R.T. 0.065 min

Lab File: VN075520.D

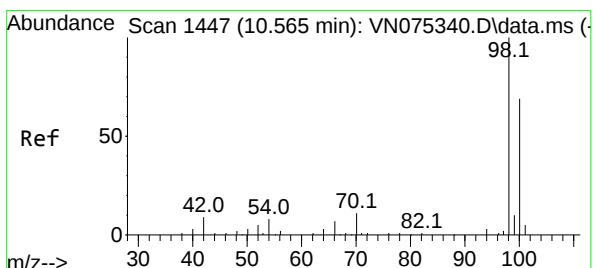
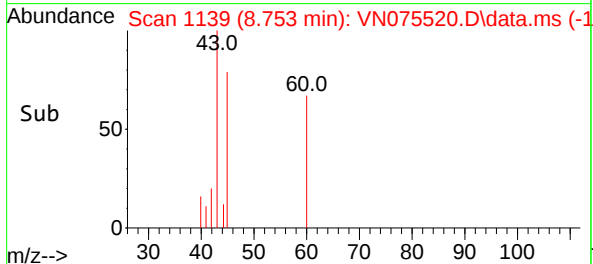
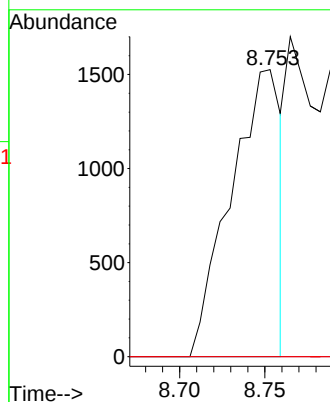
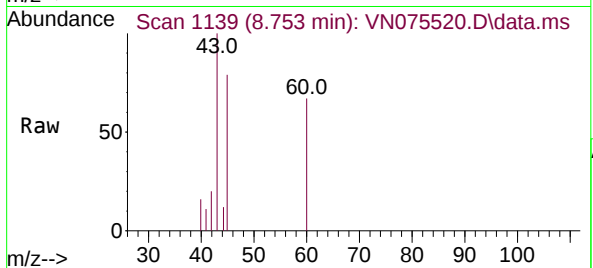
Acq: 01 Dec 2022 17:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 3118
Ion Ratio	Lower Upper
43	100
61	0.0 22.4 33.6#
87	0.0 12.5 18.7#



#50

Toluene-d8

Concen: 52.497 ug/l

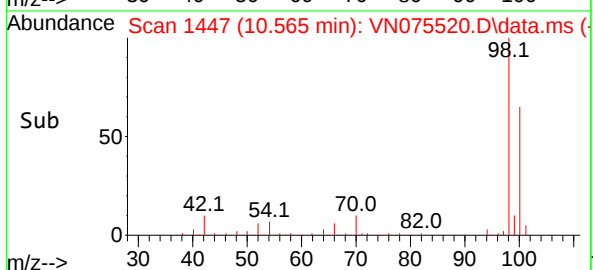
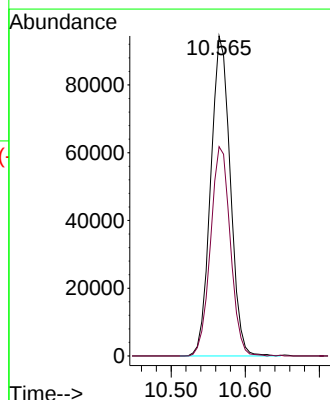
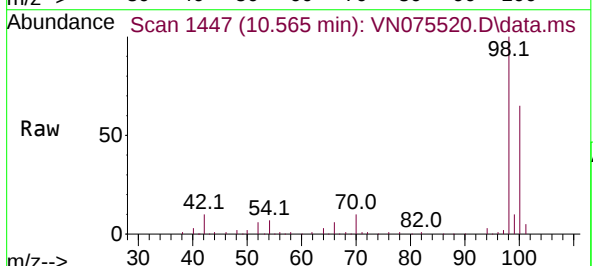
RT: 10.565 min Scan# 1447

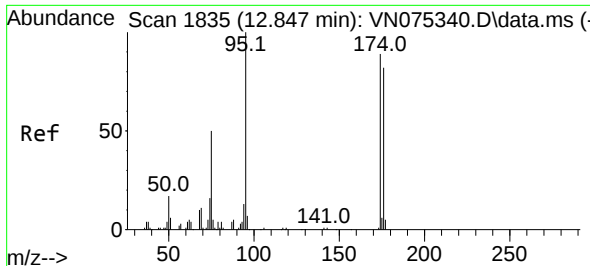
Delta R.T. -0.000 min

Lab File: VN075520.D

Acq: 01 Dec 2022 17:30

Tgt Ion: 98	Resp: 173260
Ion Ratio	Lower Upper
98	100
100	66.3 53.0 79.6

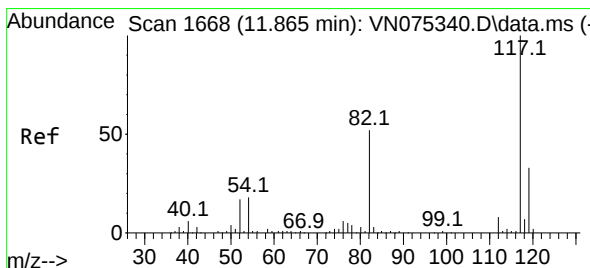
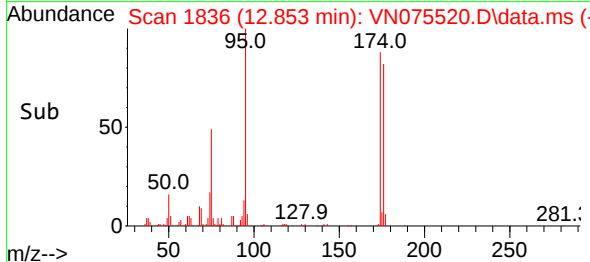
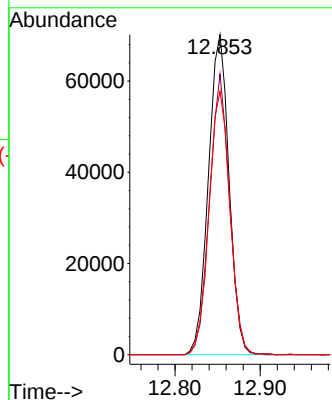
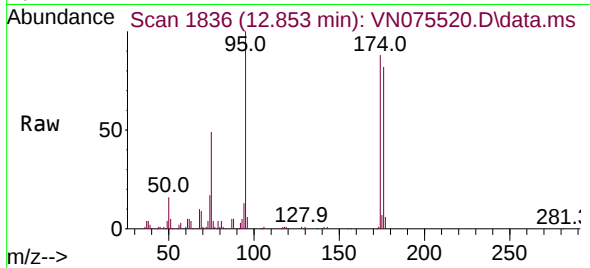




#62
4-Bromofluorobenzene
Concen: 48.595 ug/l
RT: 12.853 min Scan# 118380
Delta R.T. 0.006 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

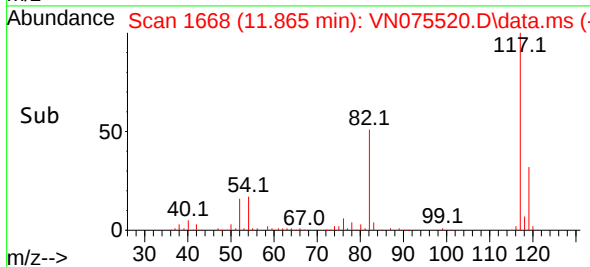
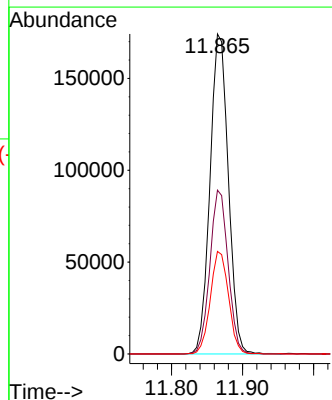
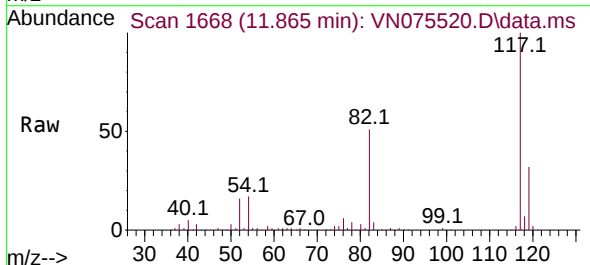
Instrument :
MSVOA_N
ClientSampleId :

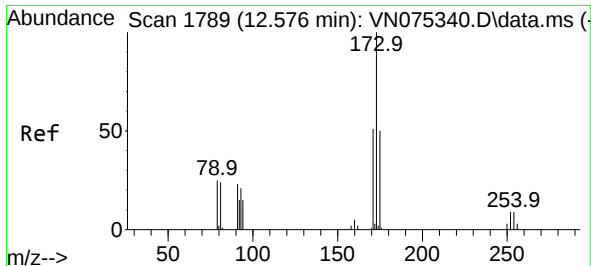
Tgt Ion: 95 Resp: 118380
Ion Ratio Lower Upper
95 100
174 85.0 0.0 147.4
176 83.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

Tgt Ion: 117 Resp: 312440
Ion Ratio Lower Upper
117 100
82 51.2 43.1 64.7
119 32.0 25.5 38.3

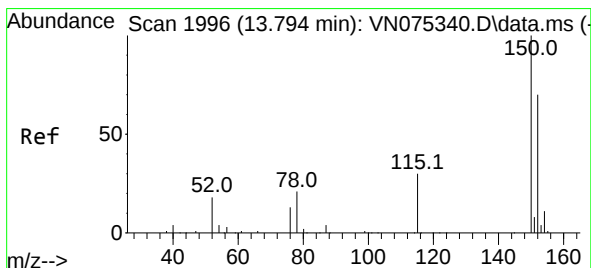
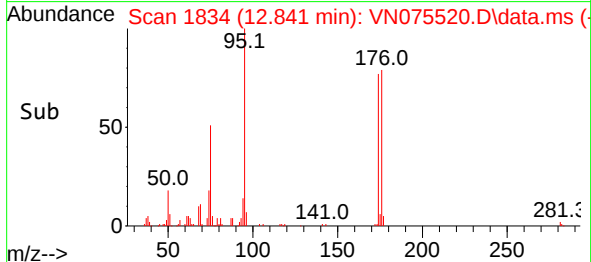
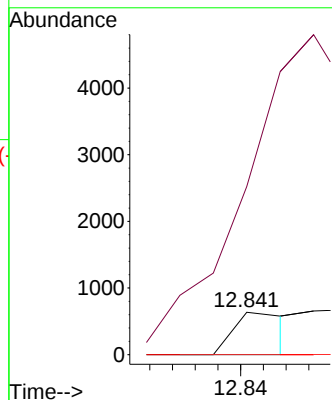
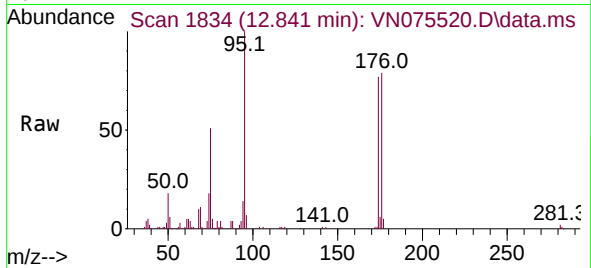




#71
Bromoform
Concen: 0.234 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

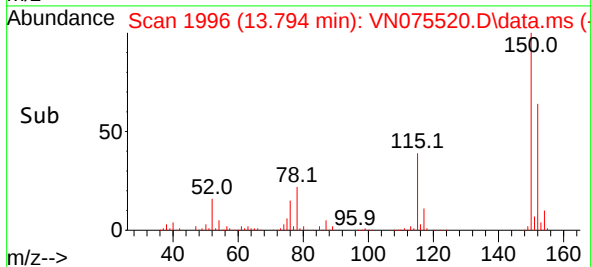
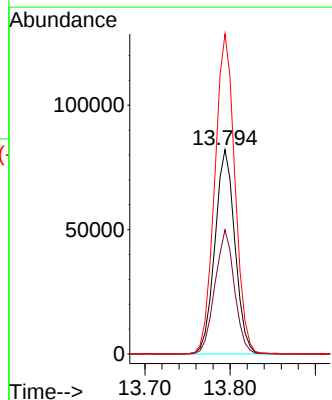
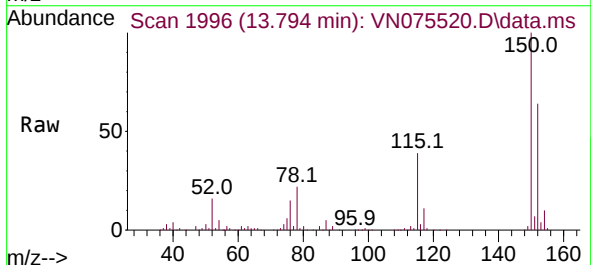
Instrument :
MSVOA_N
ClientSampleId :

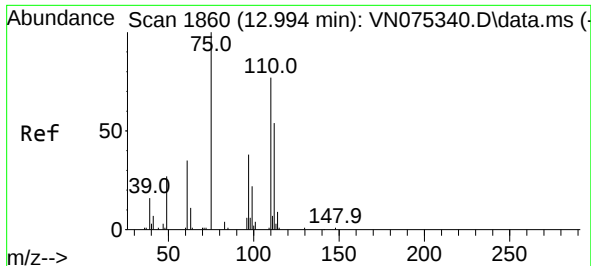
Tgt Ion:173 Resp: 429
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

Tgt Ion:152 Resp: 134297
Ion Ratio Lower Upper
152 100
115 59.1 30.2 90.6
150 157.8 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 22.532 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075520.D

Acq: 01 Dec 2022 17:30

Instrument :

MSVOA_N

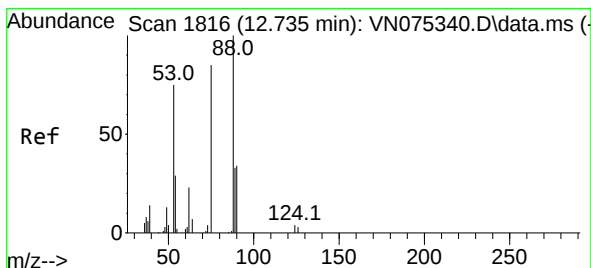
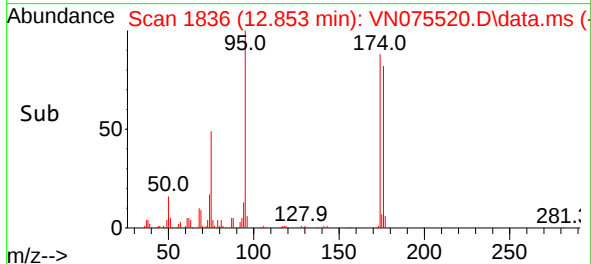
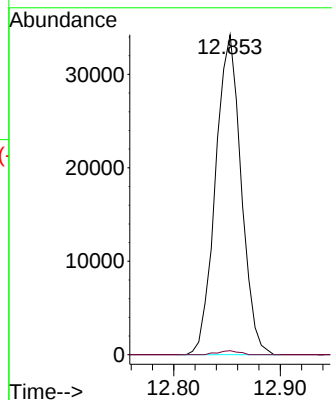
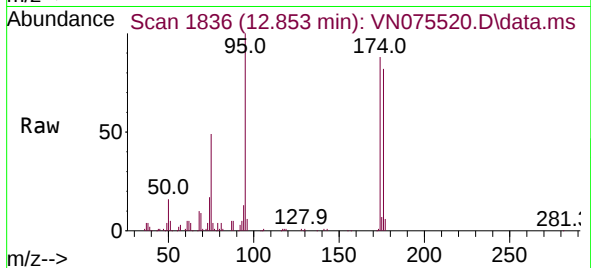
ClientSampleId :

Tgt Ion: 75 Resp: 57214

Ion Ratio Lower Upper

75 100

77 1.0 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.668 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.118 min

Lab File: VN075520.D

Acq: 01 Dec 2022 17:30

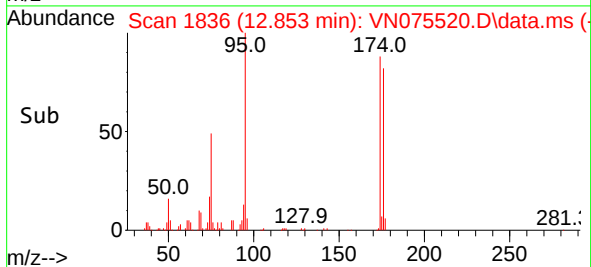
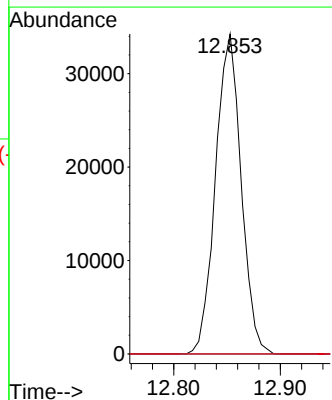
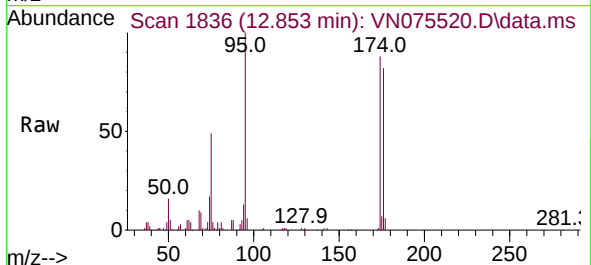
Tgt Ion: 75 Resp: 57214

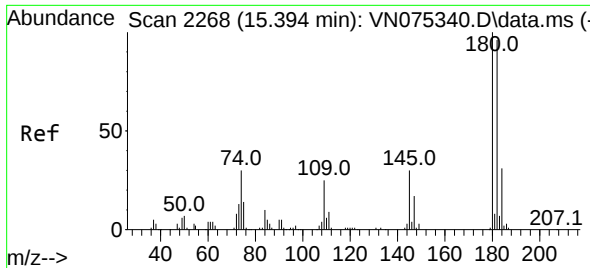
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

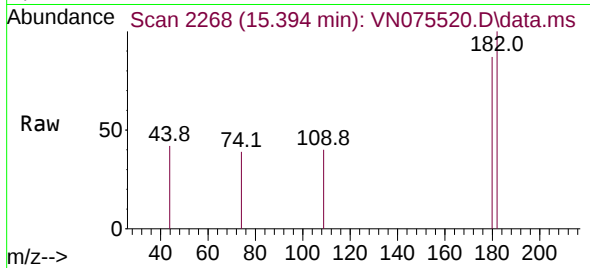
89 0.0 37.7 56.5#



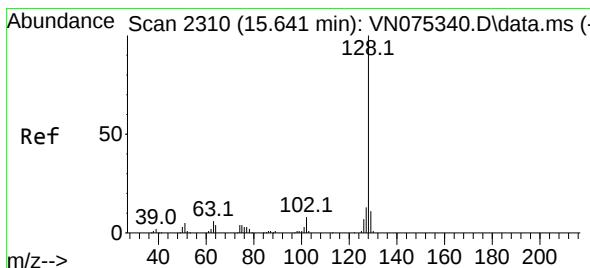
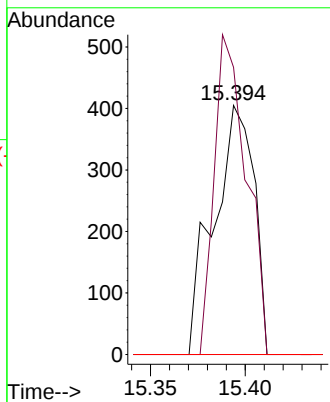
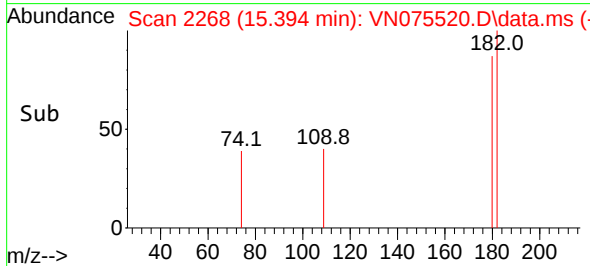


#93
1,2,4-Trichlorobenzene
Concen: 0.262 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30

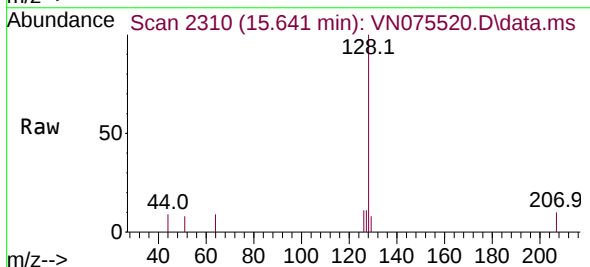
Instrument :
MSVOA_N
ClientSampleId :



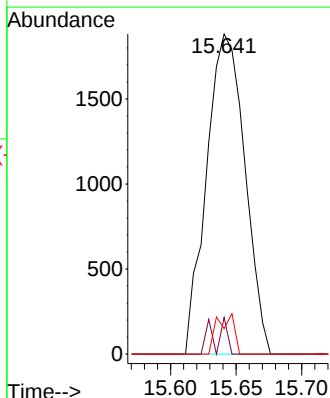
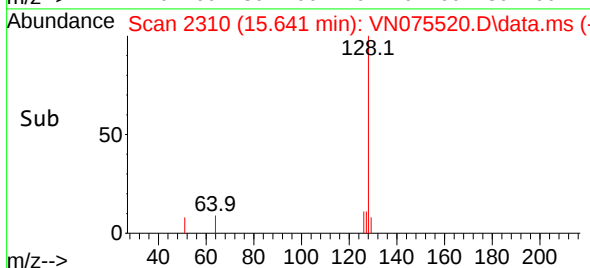
Tgt Ion:180 Resp: 601
Ion Ratio Lower Upper
180 100
182 102.2 47.8 143.4
145 0.0 16.8 50.3#

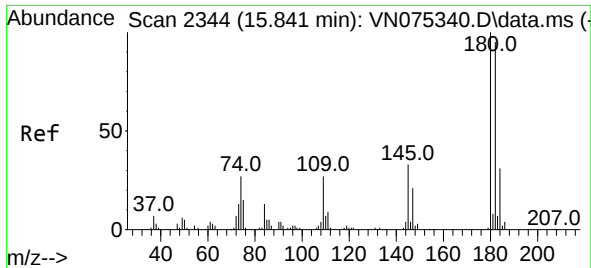


#95
Naphthalene
Concen: 0.531 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075520.D
Acq: 01 Dec 2022 17:30



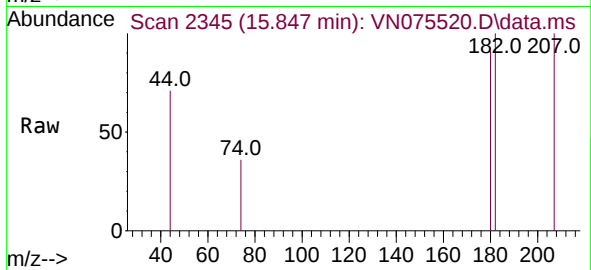
Tgt Ion:128 Resp: 3828
Ion Ratio Lower Upper
128 100
127 3.9 10.4 15.6#
129 5.6 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.266 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075520.D
 Acq: 01 Dec 2022 17:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	600
Ion	Ratio	Lower	Upper
180	100		
182	115.8	47.3	141.8
145	24.7	17.6	52.9

