

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077055.D
 Acq On : 18 Mar 2023 00:15
 Operator : JC\MD
 Sample : 01941-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20230314

Quant Time: Mar 18 02:38:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

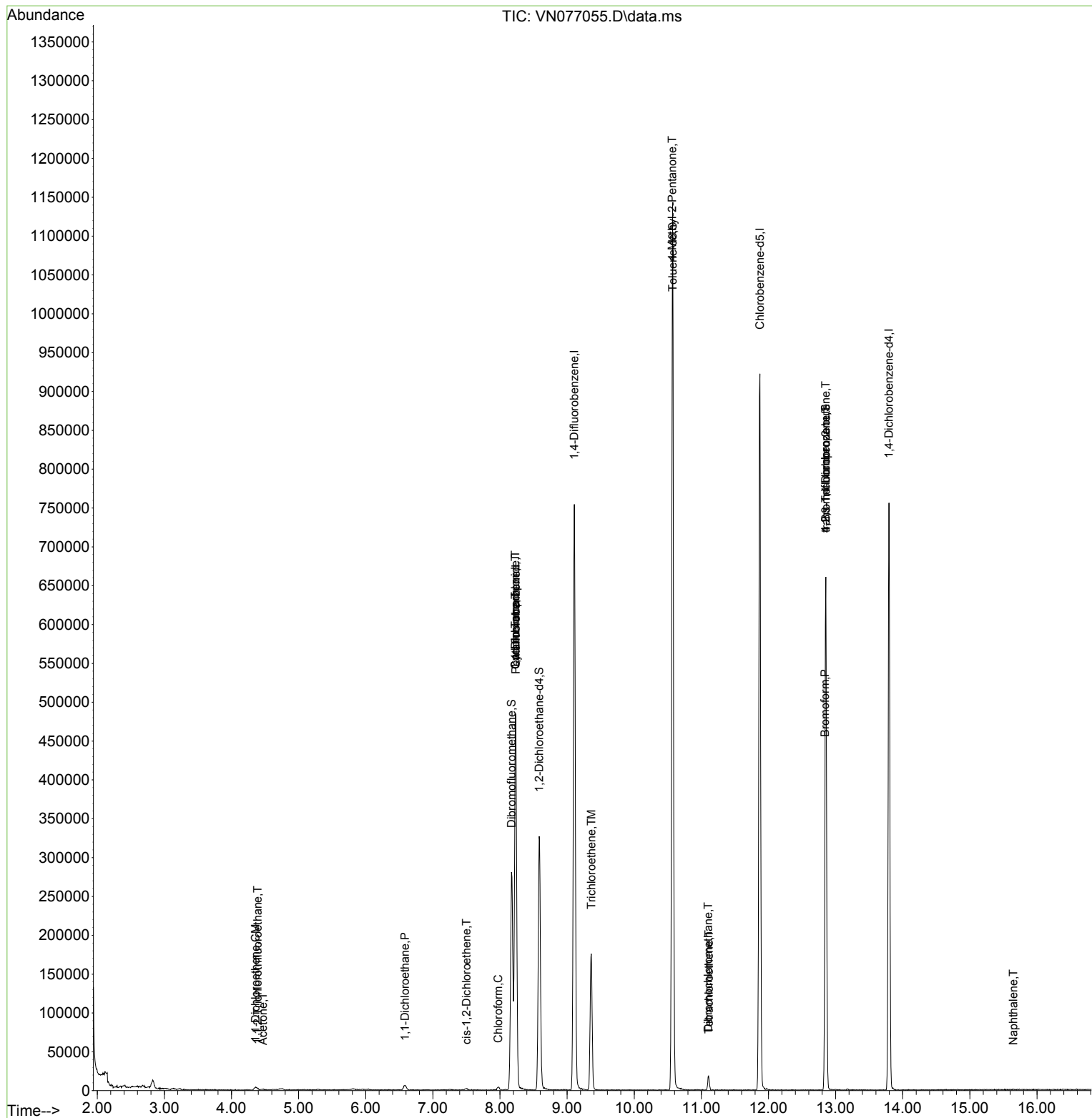
Internal Standards						
1) Pentafluorobenzene	8.237	168	331886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	613816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	516805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	189382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	270712	51.065	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.140%
35) Dibromofluoromethane	8.172	113	204267	47.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	10.572	98	742459	48.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.854	95	225691	41.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	167	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	4.390	101	999	0.227	ug/l #	73
12) 1,1-Dichloroethene	4.360	96	2227	0.553	ug/l	86
16) Acetone	4.466	43	1283	0.543	ug/l	96
24) 1,1-Dichloroethane	6.584	63	10059	1.088	ug/l #	84
27) cis-1,2-Dichloroethene	7.501	96	1357	0.271	ug/l	68
30) Chloroform	7.972	83	3636	0.405	ug/l	88
31) Cyclohexane	8.231	56	8490	0.979	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	32567	4.851	ug/l #	51
38) Carbon Tetrachloride	8.231	117	37659	5.758	ug/l #	15
44) Trichloroethene	9.360	130	61645	13.180	ug/l	91
51) 4-Methyl-2-Pentanone	10.566	43	3469	0.496	ug/l #	1
60) Dibromochloromethane	11.101	129	4871	1.011	ug/l #	11
64) Tetrachloroethene	11.113	164	3907	1.126	ug/l #	76
71) Bromoform	12.842	173	905	0.304	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	126146	25.751	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	126146	70.882	ug/l #	10
95) Naphthalene	15.648	128	350	1.939	ug/l #	70

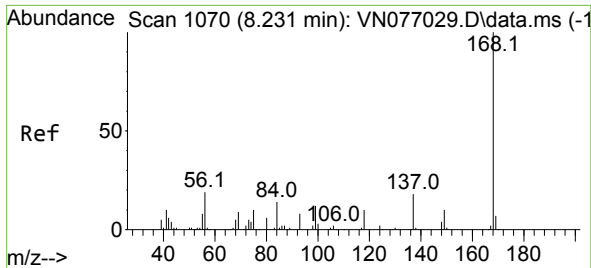
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
Data File : VN077055.D
Acq On : 18 Mar 2023 00:15
Operator : JC\MD
Sample : 01941-16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

Quant Time: Mar 18 02:38:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 18 02:17:37 2023
Response via : Initial Calibration

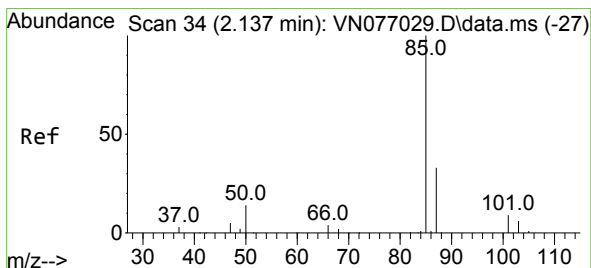
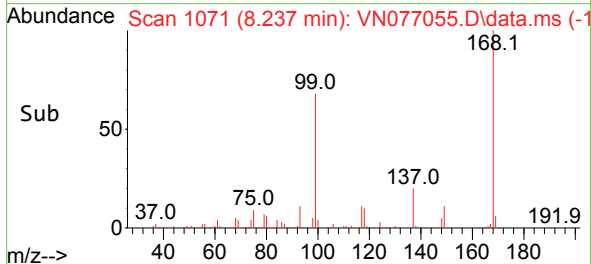
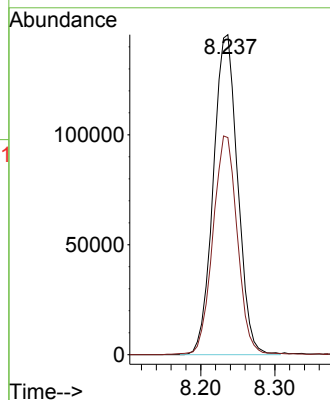
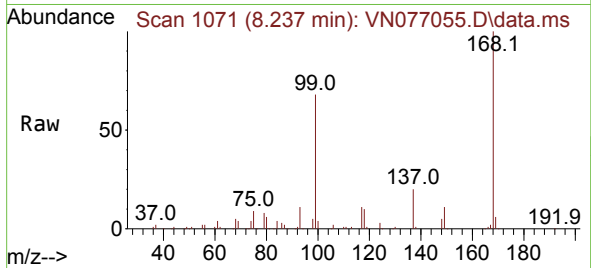




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.237 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

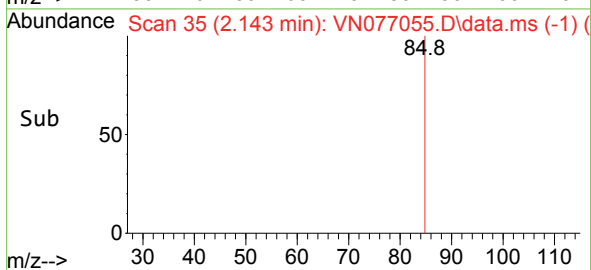
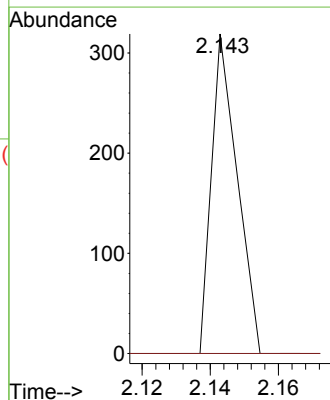
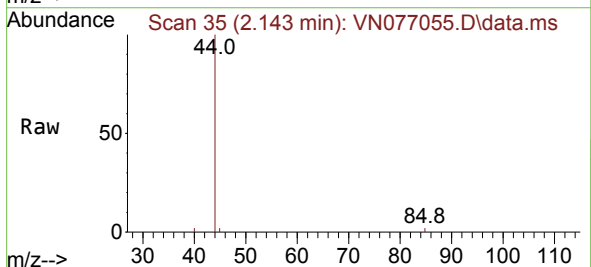
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

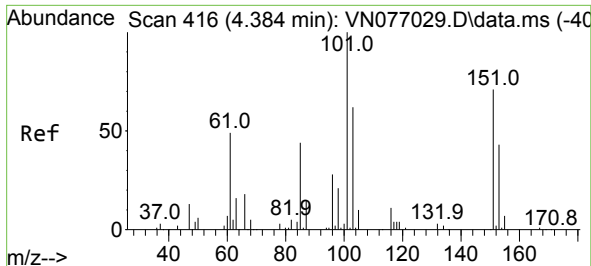
Tgt Ion:168 Resp: 331886
Ion Ratio Lower Upper
168 100
99 67.5 53.9 80.9



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion: 85 Resp: 167
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

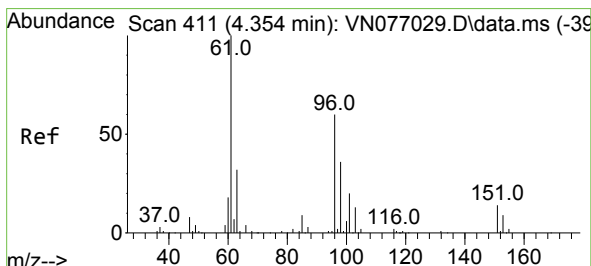
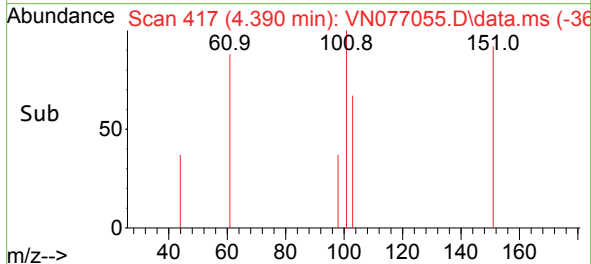
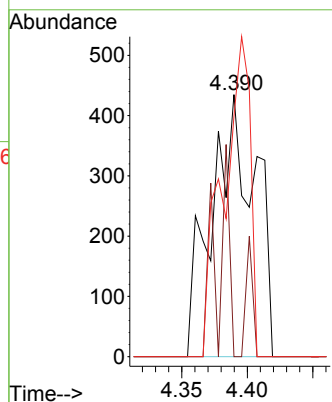
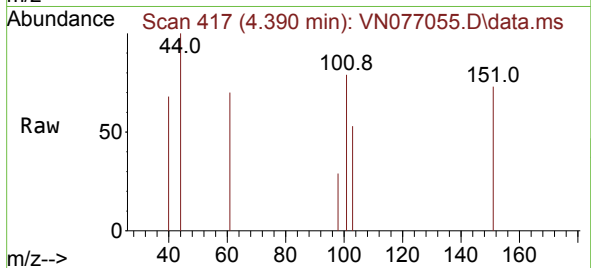




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.227 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

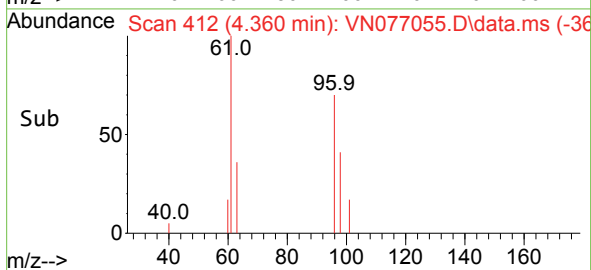
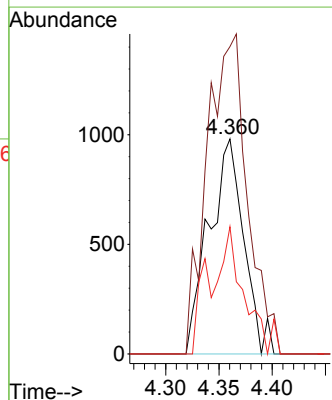
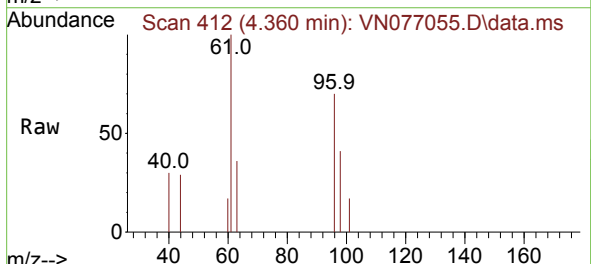
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

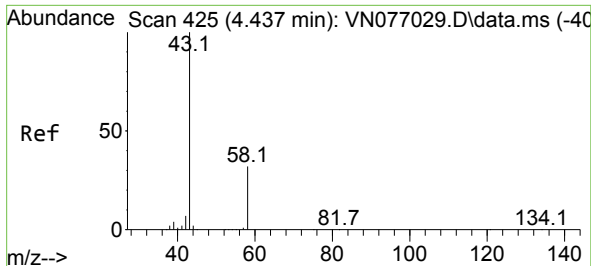
Tgt Ion:101 Resp: 999
Ion Ratio Lower Upper
101 100
85 7.1 36.6 55.0#
151 76.0 56.9 85.3



#12
1,1-Dichloroethene
Concen: 0.553 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion: 96 Resp: 2227
Ion Ratio Lower Upper
96 100
61 142.9 133.8 200.8
98 59.1 48.6 72.8

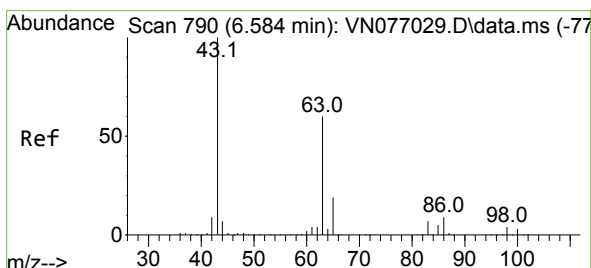
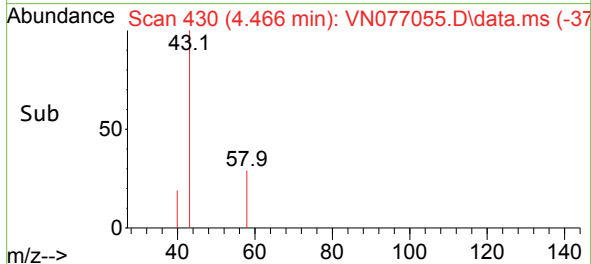
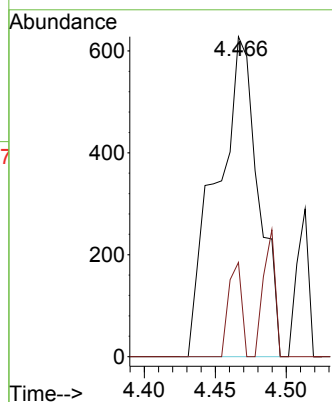
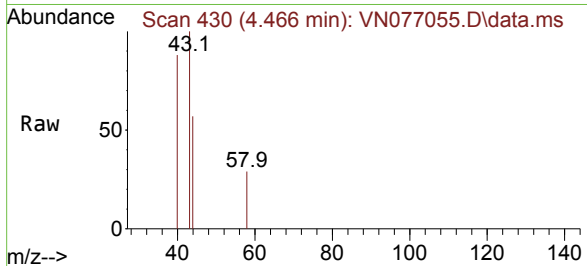




#16
Acetone
Concen: 0.543 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.030 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

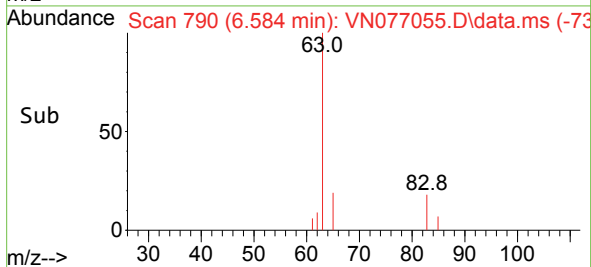
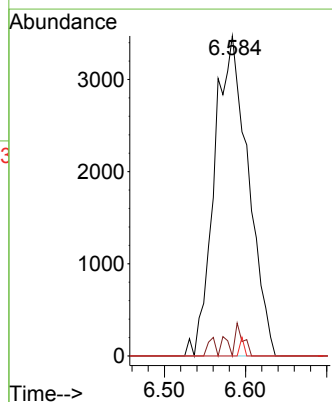
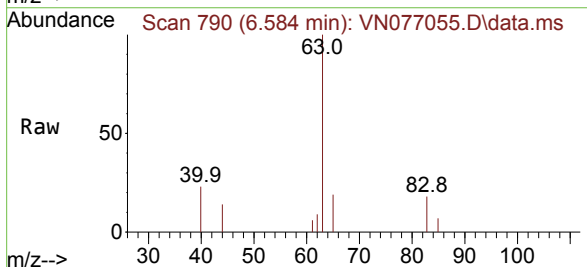
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

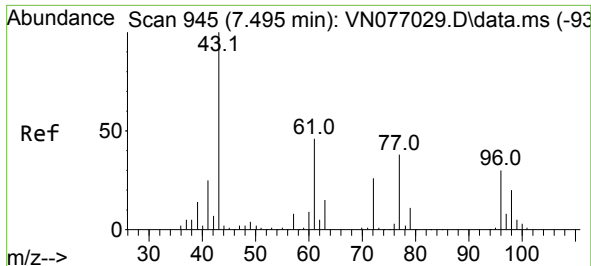
Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 29.5 25.4 38.0



#24
1,1-Dichloroethane
Concen: 1.088 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion: 63 Resp: 10059
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.4#
100 0.0 2.1 6.3#





#27

cis-1,2-Dichloroethene

Concen: 0.271 ug/l

RT: 7.501 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN077055.D

Acq: 18 Mar 2023 00:15

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20230314

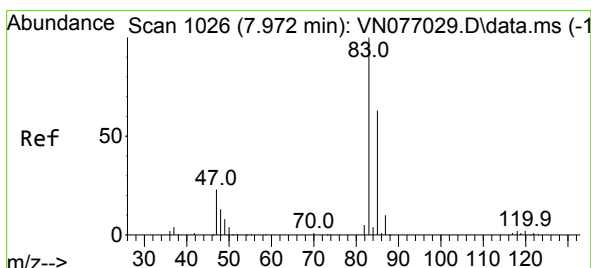
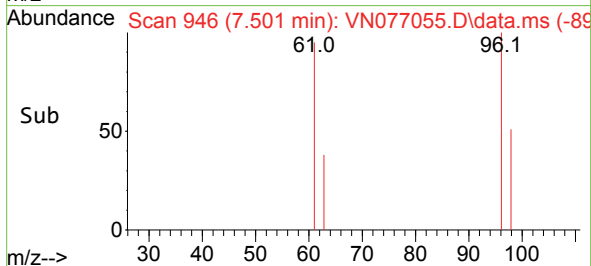
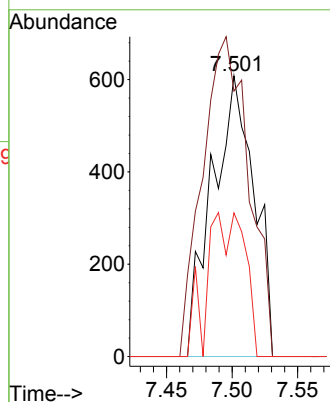
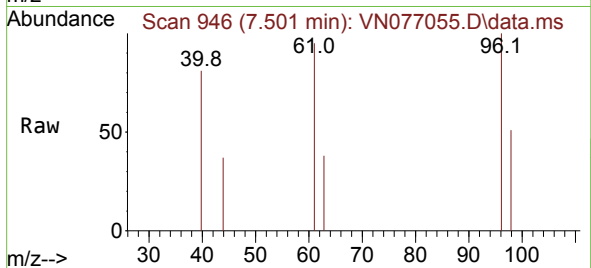
Tgt Ion: 96 Resp: 1357

Ion Ratio Lower Upper

96 100

61 125.6 0.0 315.4

98 26.2 0.0 128.6



#30

Chloroform

Concen: 0.405 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077055.D

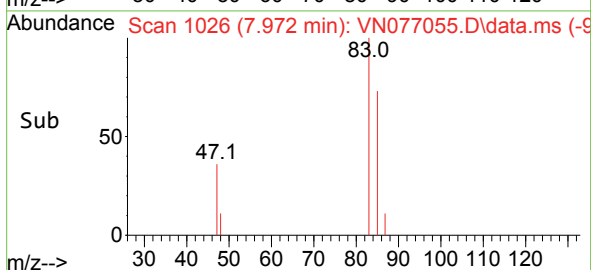
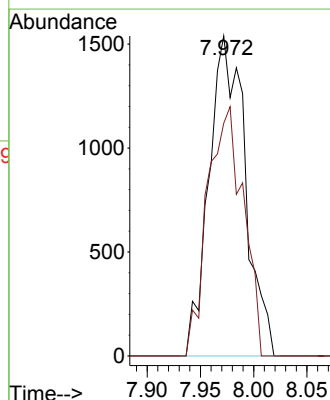
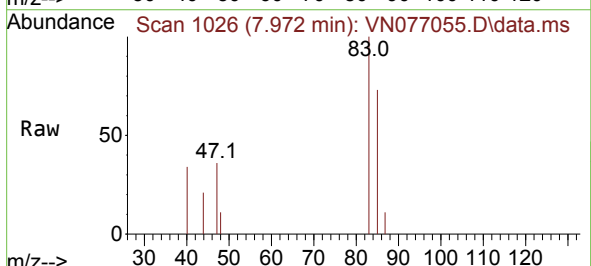
Acq: 18 Mar 2023 00:15

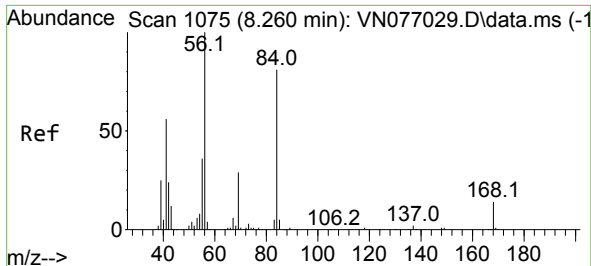
Tgt Ion: 83 Resp: 3636

Ion Ratio Lower Upper

83 100

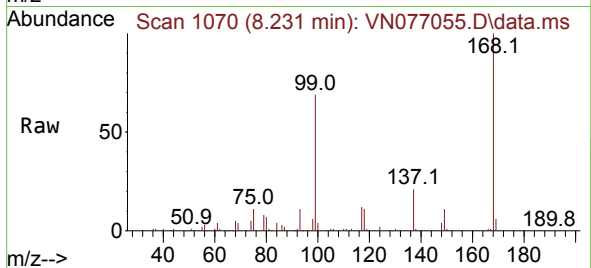
85 72.7 50.6 75.8



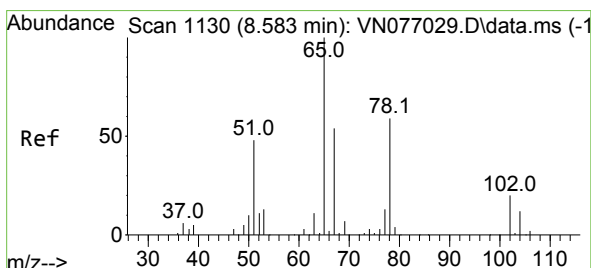
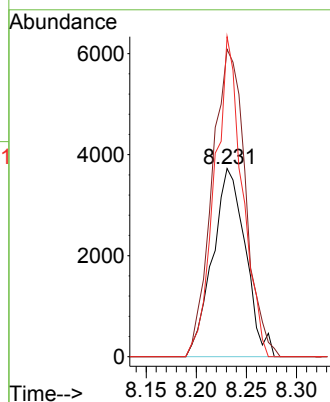
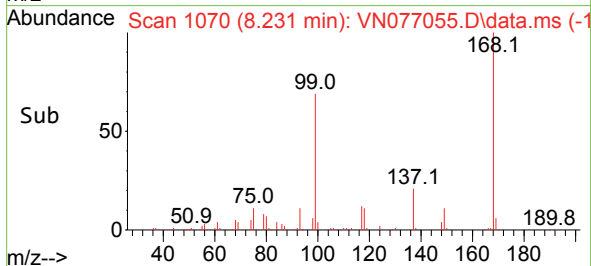


#31
Cyclohexane
Concen: 0.979 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

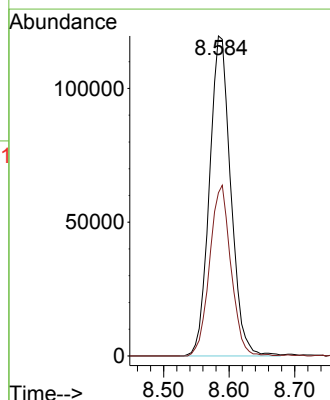
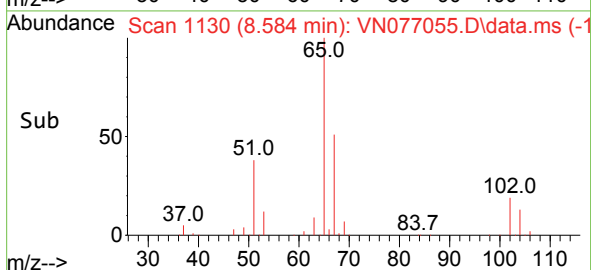
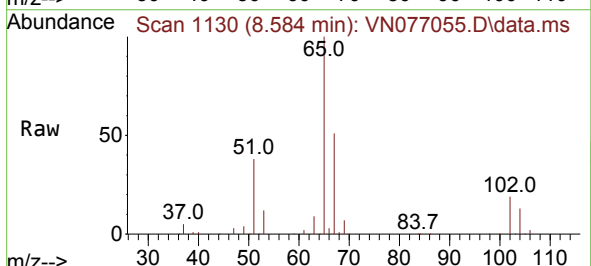


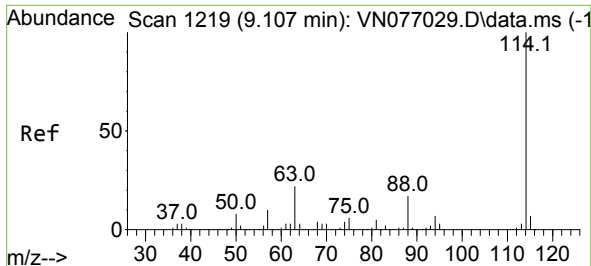
Tgt Ion: 56 Resp: 8490
Ion Ratio Lower Upper
56 100
69 163.4 22.8 34.2#
84 170.1 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 51.065 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion: 65 Resp: 270712
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077055.D

Acq: 18 Mar 2023 00:15

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20230314

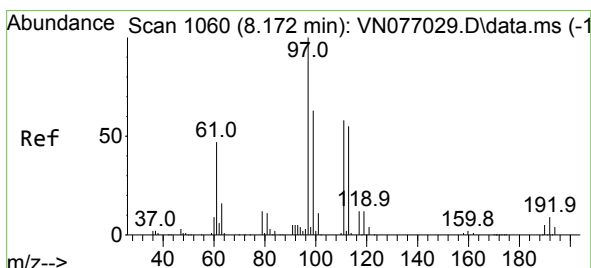
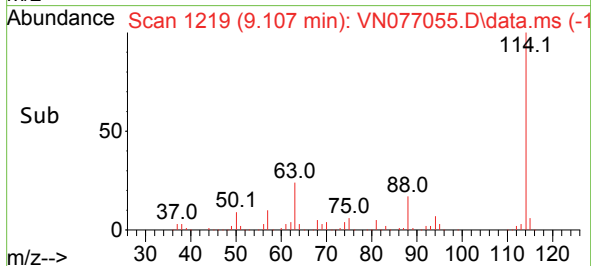
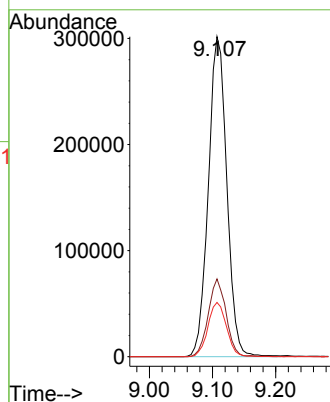
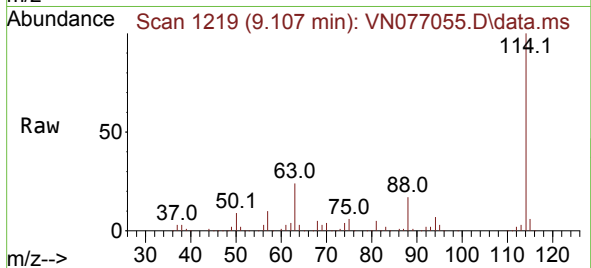
Tgt Ion:114 Resp: 613816

Ion Ratio Lower Upper

114 100

63 24.3 0.0 44.6

88 17.0 0.0 33.8



#35

Dibromofluoromethane

Concen: 47.519 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077055.D

Acq: 18 Mar 2023 00:15

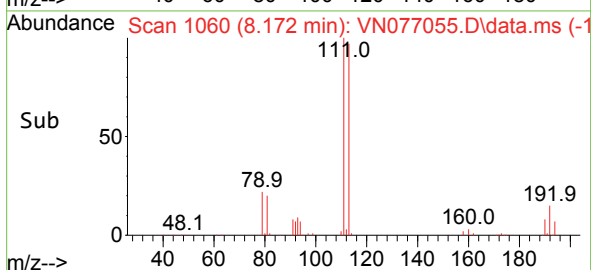
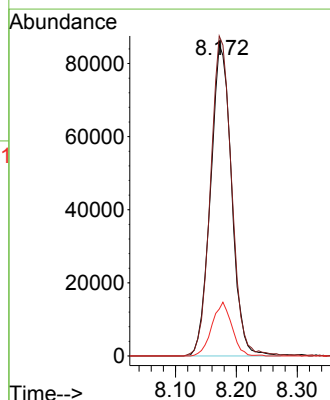
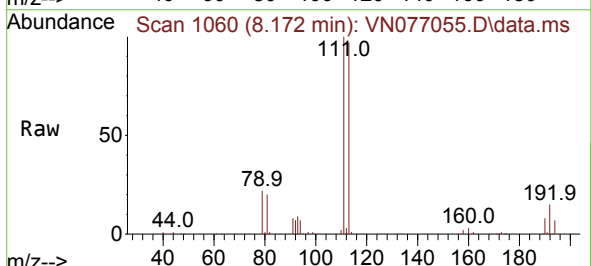
Tgt Ion:113 Resp: 204267

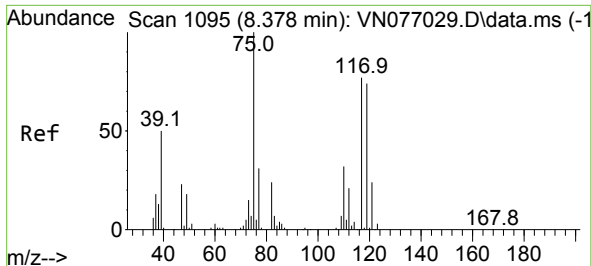
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 16.4 13.0 19.6

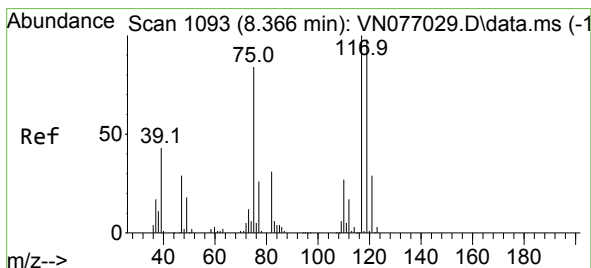
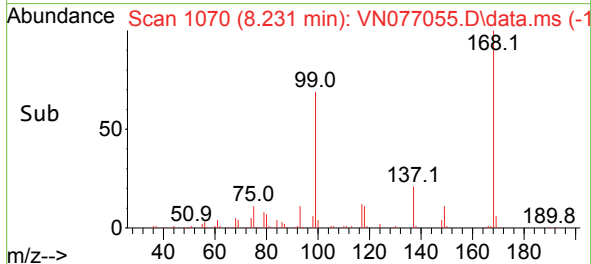
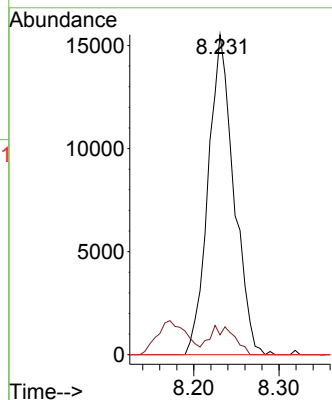
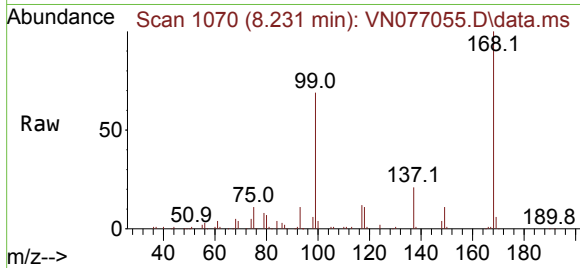




#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

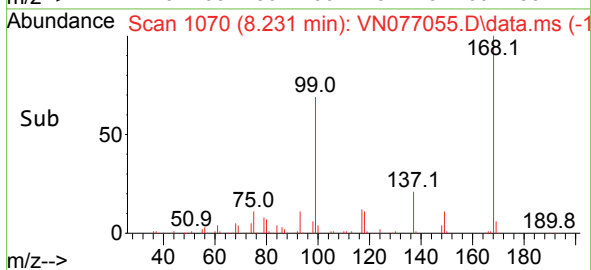
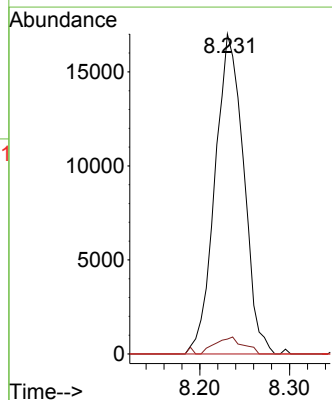
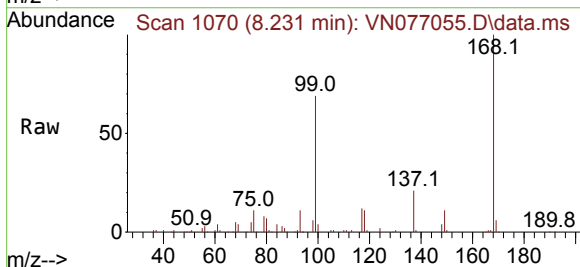
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

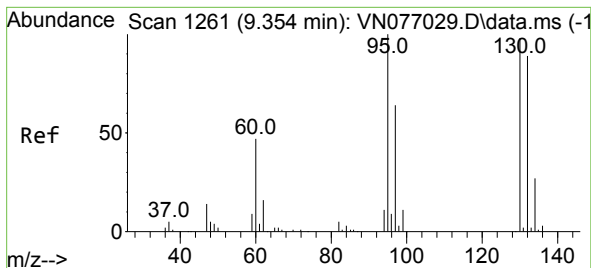
Tgt Ion: 75 Resp: 32567
Ion Ratio Lower Upper
75 100
110 8.6 15.9 47.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion: 117 Resp: 37659
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 23.2 34.8#





#44

Trichloroethene

Concen: 13.180 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077055.D

Acq: 18 Mar 2023 00:15

Instrument :

MSVOA_N

ClientSampleId :

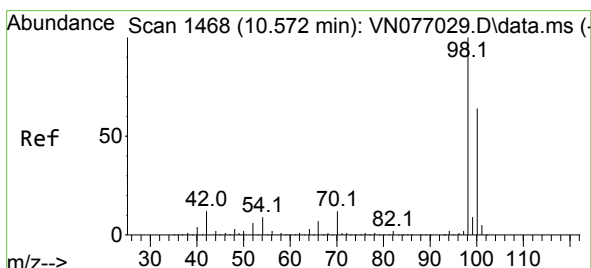
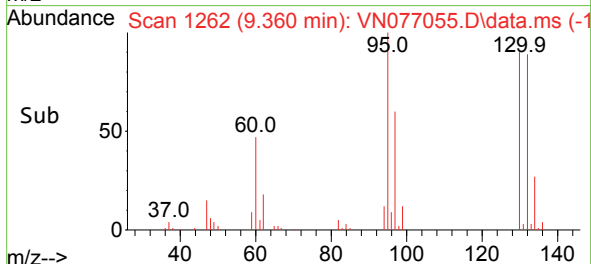
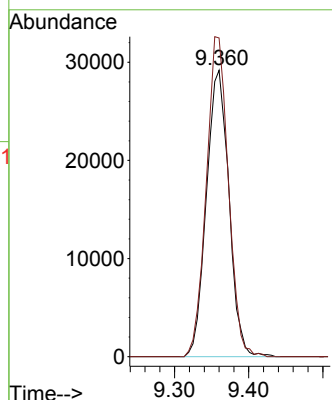
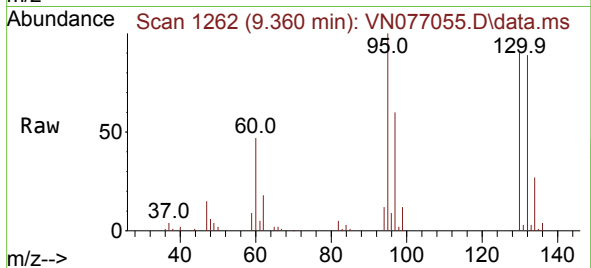
TT162S1-20230314

Tgt Ion:130 Resp: 61645

Ion Ratio Lower Upper

130 100

95 111.3 0.0 204.4



#50

Toluene-d8

Concen: 48.352 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077055.D

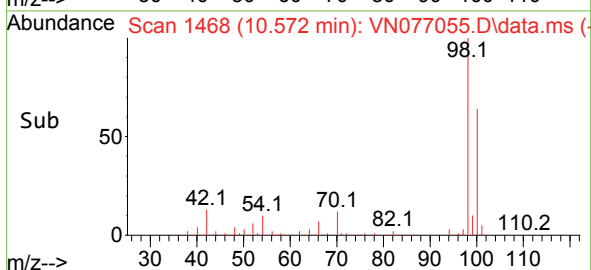
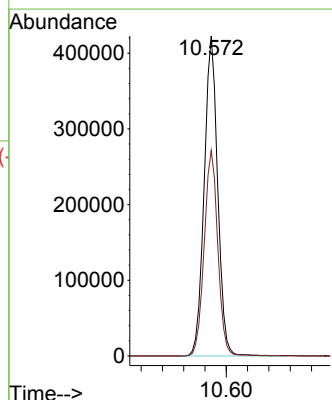
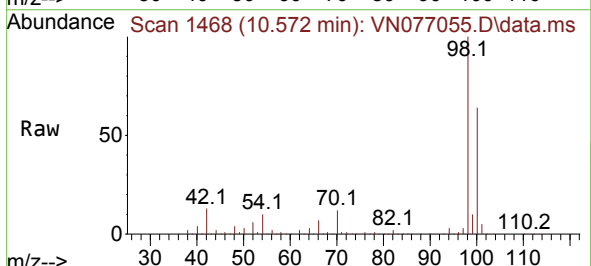
Acq: 18 Mar 2023 00:15

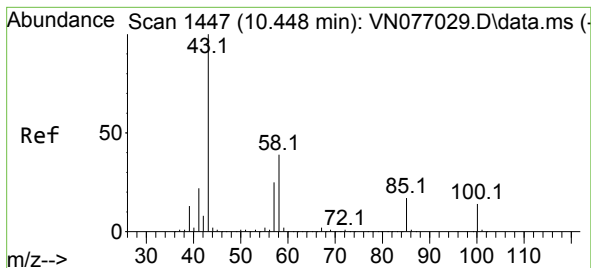
Tgt Ion: 98 Resp: 742459

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4

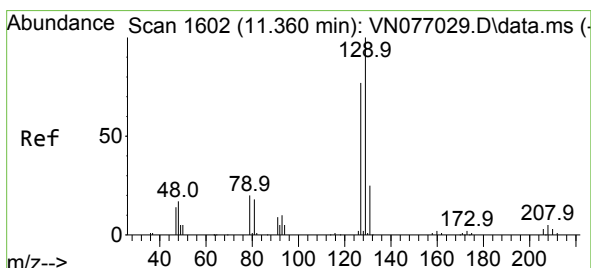
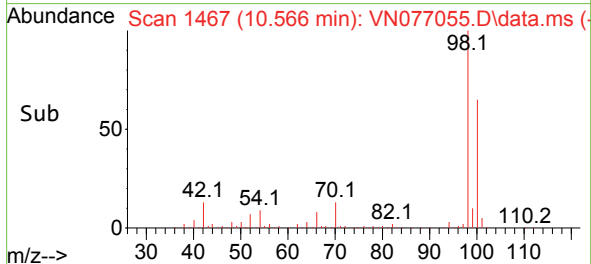
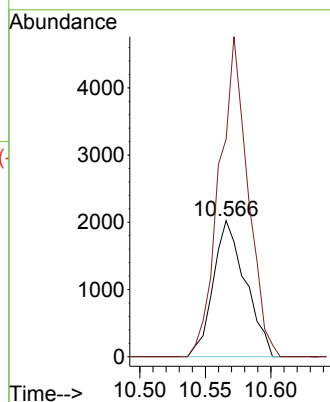
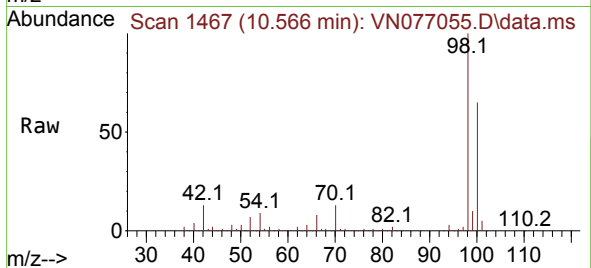




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 10.566 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

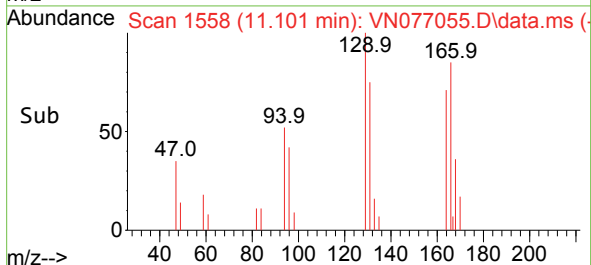
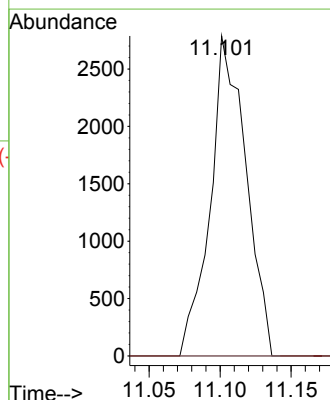
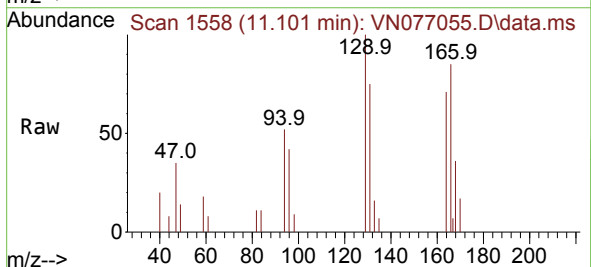
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

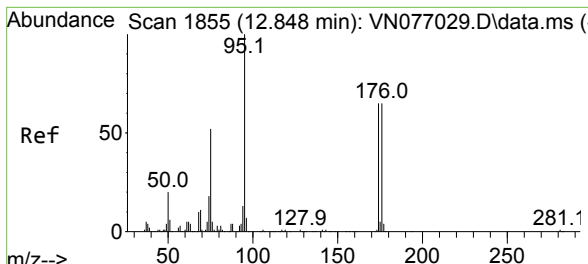
Tgt Ion: 43 Resp: 3469
Ion Ratio Lower Upper
43 100
58 209.1 31.1 46.7#



#60
Dibromochloromethane
Concen: 1.011 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.259 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion: 129 Resp: 4871
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#

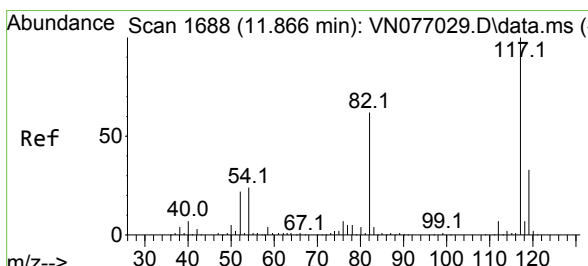
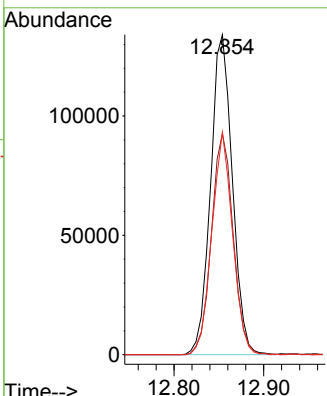
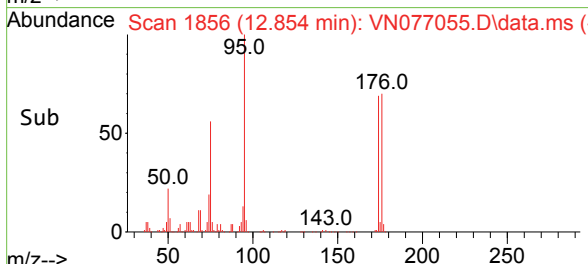
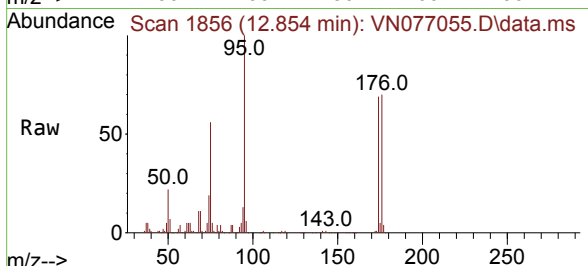




#62
 4-Bromofluorobenzene
 Concen: 41.594 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

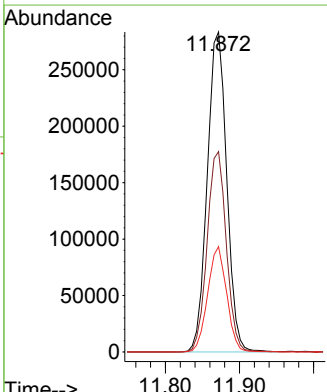
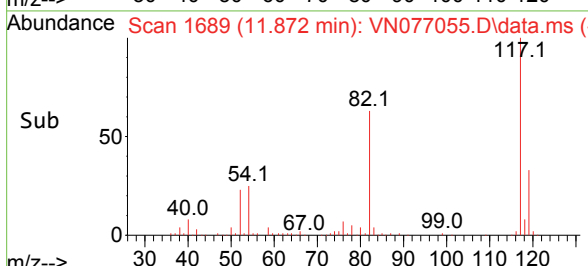
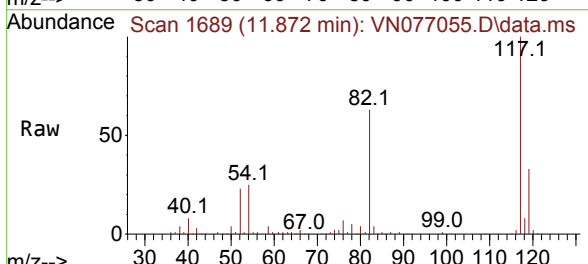
Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20230314

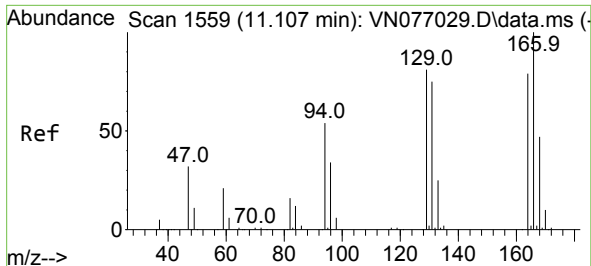
Tgt Ion:	95	Resp:	225691
Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	136.6
176	66.4	0.0	130.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.872 min Scan# 1689
 Delta R.T. 0.006 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

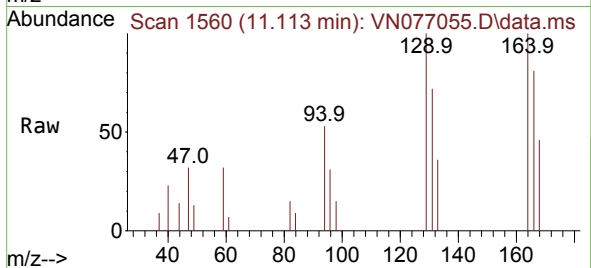
Tgt Ion:	117	Resp:	516805
Ion	Ratio	Lower	Upper
117	100		
82	62.6	49.4	74.0
119	32.9	26.5	39.7



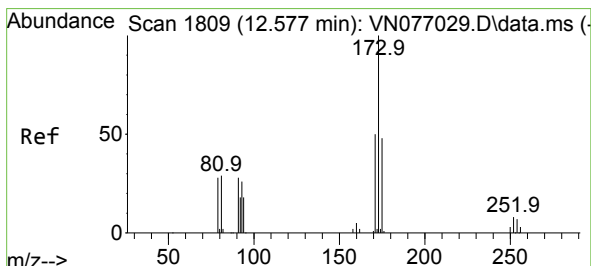
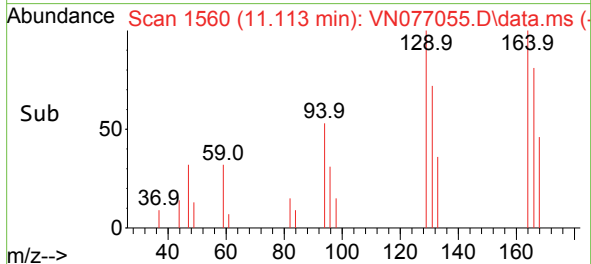
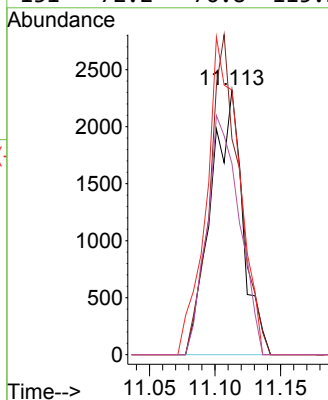


#64
Tetrachloroethene
Concen: 1.126 ug/l
RT: 11.113 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

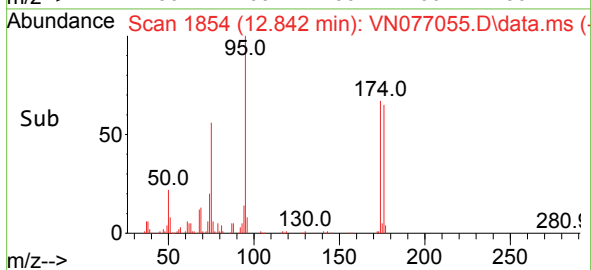
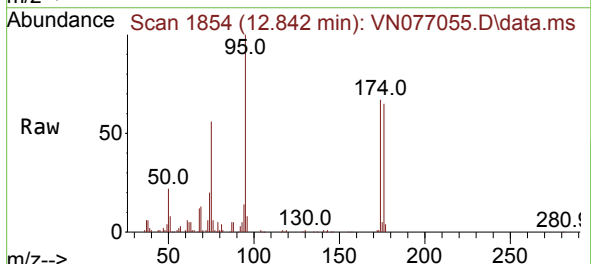
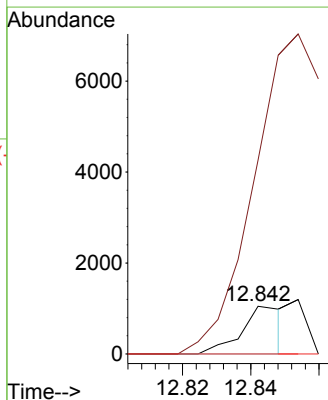


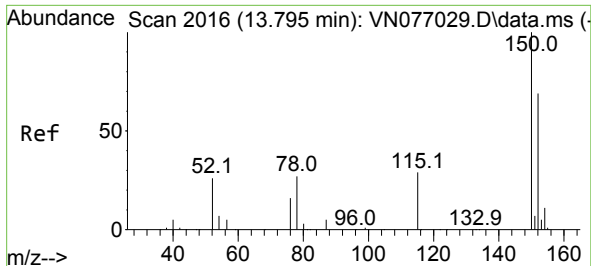
Tgt Ion:164 Resp: 3907
Ion Ratio Lower Upper
164 100
166 81.6 101.9 152.9#
129 100.1 82.6 123.8
131 72.2 76.8 115.2#



#71
Bromoform
Concen: 0.304 ug/l
RT: 12.842 min Scan# 1854
Delta R.T. 0.265 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion:173 Resp: 905
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.1 0.1#

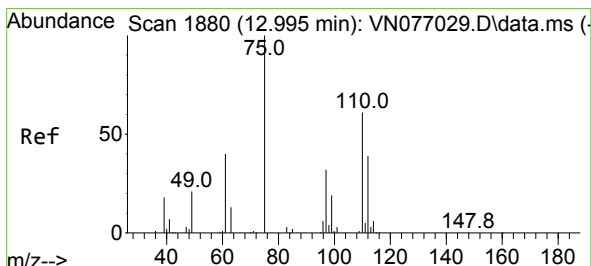
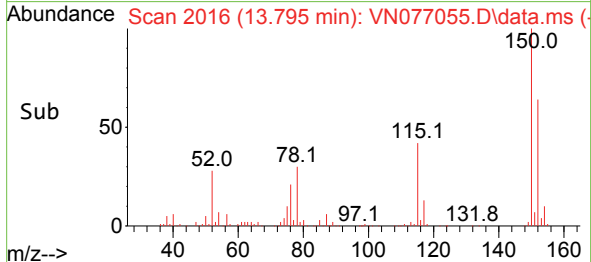
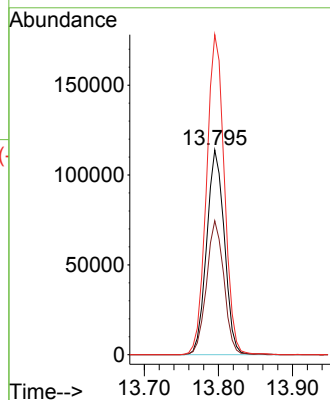
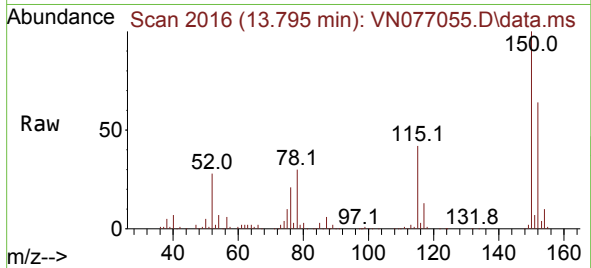




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

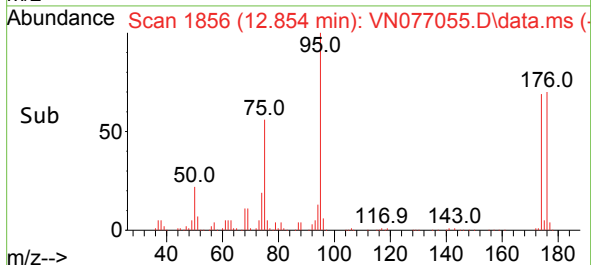
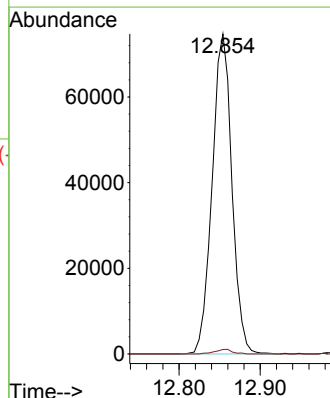
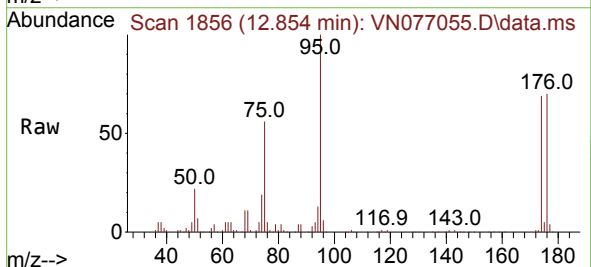
Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20230314

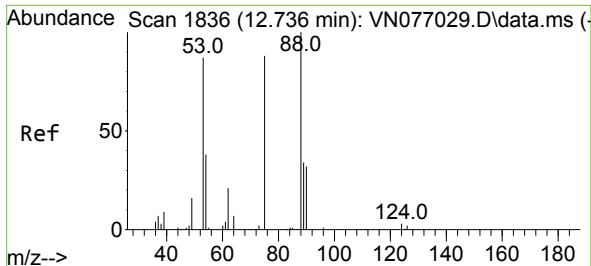
Tgt Ion:152 Resp: 189382
 Ion Ratio Lower Upper
 152 100
 115 64.3 31.9 95.7
 150 157.5 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 25.751 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN077055.D
 Acq: 18 Mar 2023 00:15

Tgt Ion: 75 Resp: 126146
 Ion Ratio Lower Upper
 75 100
 77 1.3 107.3 322.0#

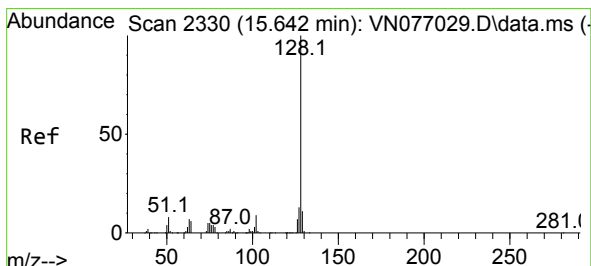
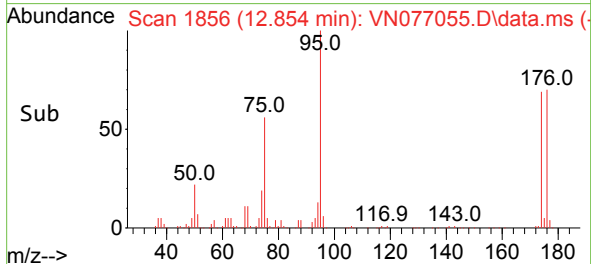
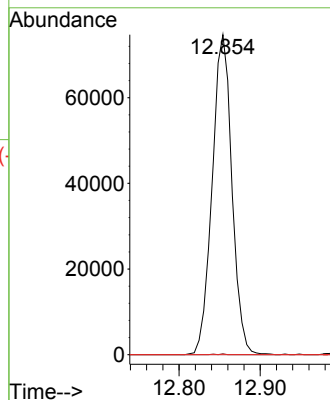
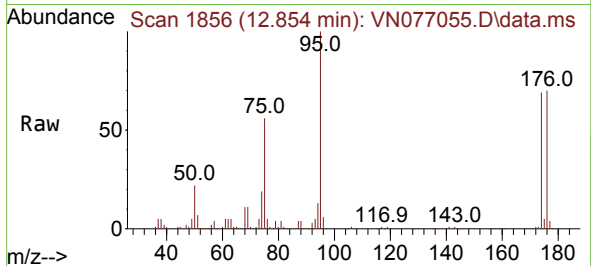




#81
trans-1,4-Dichloro-2-butene
Concen: 70.882 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

Tgt Ion: 75 Resp: 126146
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.939 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077055.D
Acq: 18 Mar 2023 00:15

Tgt Ion:128 Resp: 350
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.6 13.0#

