

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068543.D
 Acq On : 18 Sep 2021 2:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 20 05:59:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

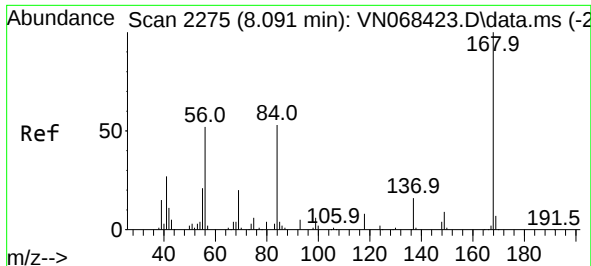
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	492784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	725904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	725861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	313486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	247374	54.725	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.460%			
35) Dibromofluoromethane	8.024	113	228339	52.154	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.300%			
50) Toluene-d8	10.446	98	884810	49.327	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.736	95	265564	45.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.580%			
Target Compounds					Qvalue	
3) Chloromethane	2.309	50	403	Below Cal		89
5) Bromomethane	2.880	94	1442	Below Cal	#	74
11) Tert butyl alcohol	5.390	59	54	Below Cal	#	84
16) Acetone	4.323	43	1285	Below Cal	#	69
18) Methyl Acetate	4.854	43	204	Below Cal	#	45
20) Methylene Chloride	5.098	84	2976	Below Cal		95
25) 2-Butanone	7.324	43	803	0.366 ug/l	#	41
27) cis-1,2-Dichloroethene	7.327	96	2870	0.553 ug/l		70
31) Cyclohexane	8.083	56	7701	1.124 ug/l	#	24
36) 1,1-Dichloropropene	8.091	75	30934	5.111 ug/l	#	48
38) Carbon Tetrachloride	8.091	117	45802	6.317 ug/l	#	16
44) Trichloroethene	9.217	130	2021	0.356 ug/l		83
60) Dibromochloromethane	10.979	129	1939	2.092 ug/l	#	11
64) Tetrachloroethene	10.982	164	2107	0.328 ug/l		89
70) Styrene	12.302	104	229	1.767 ug/l	#	27
71) Bromoform	12.733	173	3162	3.069 ug/l	#	1
76) 1,2,3-Trichloropropane	12.733	75	129459	29.582 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.733	75	129459	91.521 ug/l	#	13
93) 1,2,4-Trichlorobenzene	15.265	180	497	3.039 ug/l	#	61
95) Naphthalene	15.507	128	1776	3.630 ug/l	#	78
96) 1,2,3-Trichlorobenzene	15.702	180	644	3.084 ug/l	#	73

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

Quant Time: Sep 20 05:59:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 17 11:02:11 2021
Response via : Initial Calibration

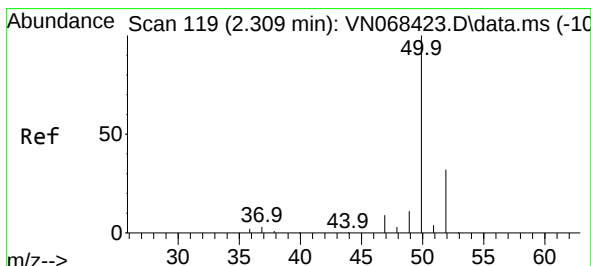
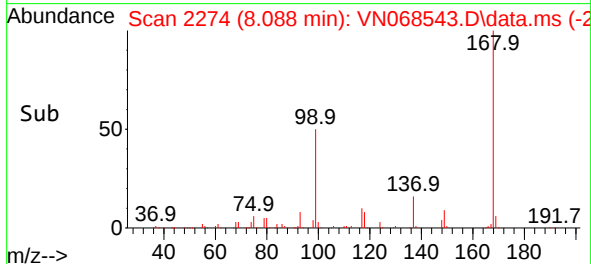
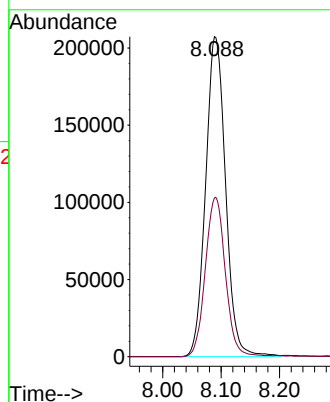
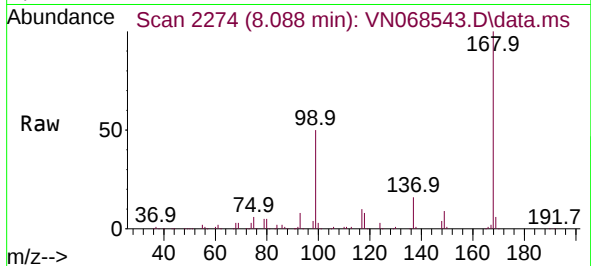




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

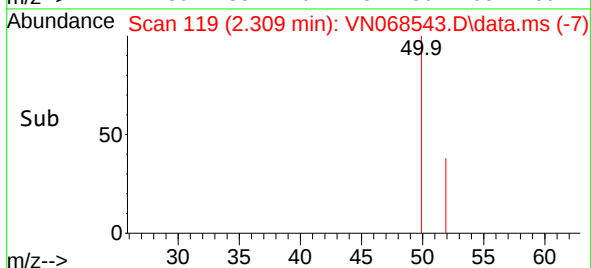
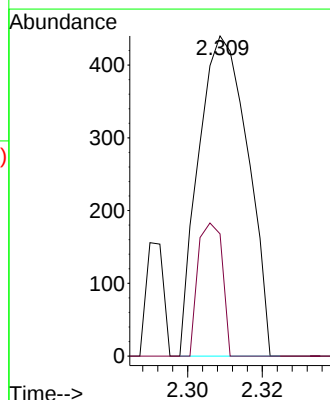
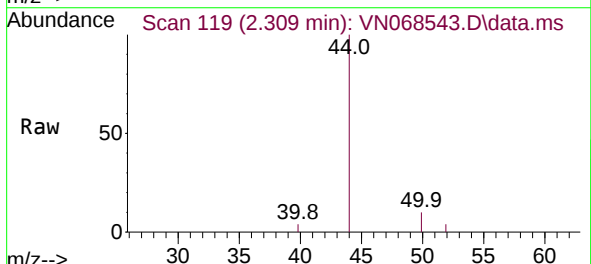
Instrument :
MSVOA_N
ClientSampleId :
IBLK

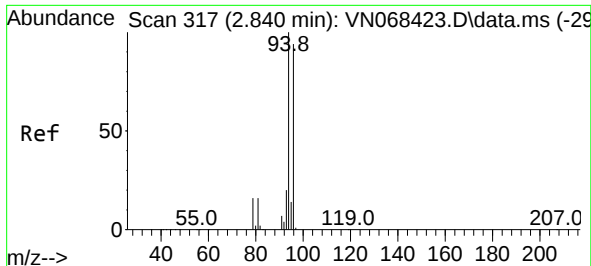
Tgt Ion:168 Resp: 492784
Ion Ratio Lower Upper
168 100
99 49.6 38.2 57.4



#3
Chloromethane
Concen: Below Cal
RT: 2.309 min Scan# 119
Delta R.T. -0.000 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion: 50 Resp: 403
Ion Ratio Lower Upper
50 100
52 38.2 25.8 38.6

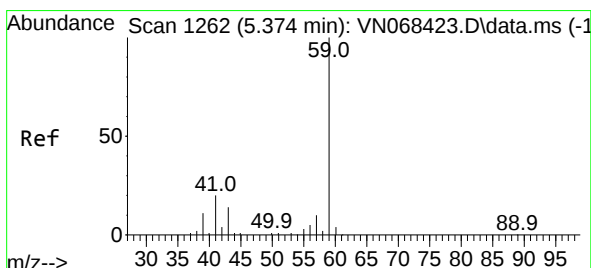
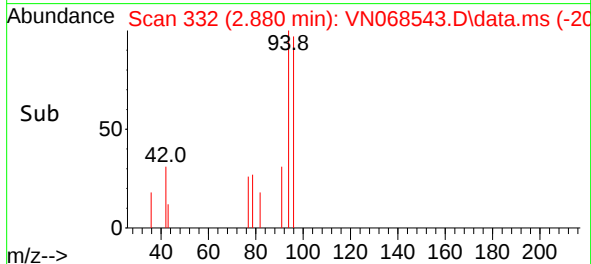
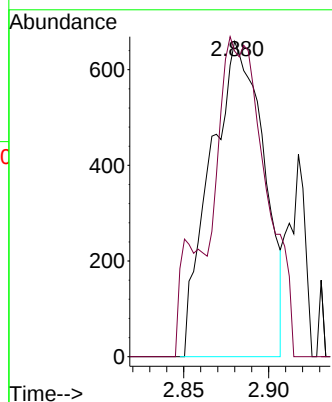
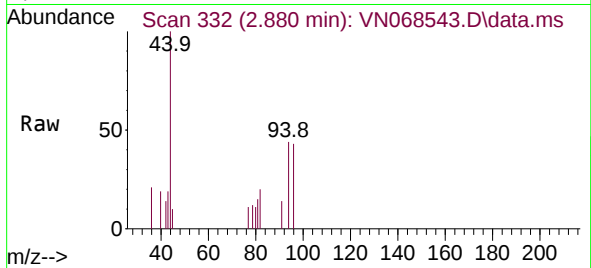




#5
Bromomethane
Concen: Below Cal
RT: 2.880 min Scan# 332
Delta R.T. 0.040 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

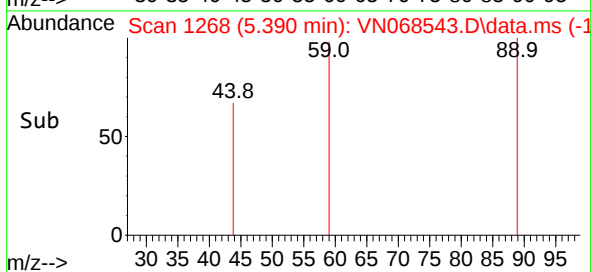
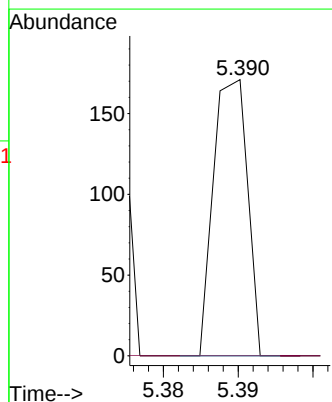
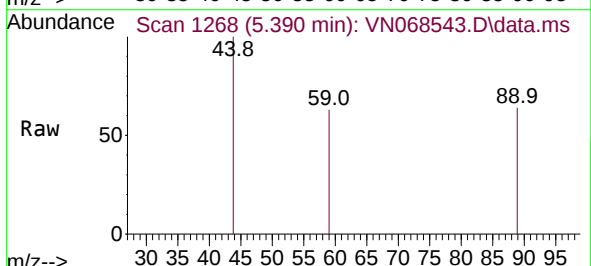
Instrument :
MSVOA_N
ClientSampled :
IBLK

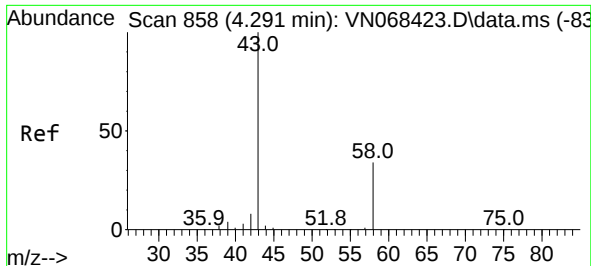
Tgt Ion: 94 Resp: 1442
Ion Ratio Lower Upper
94 100
96 69.0 75.4 113.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.390 min Scan# 1268
Delta R.T. 0.016 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

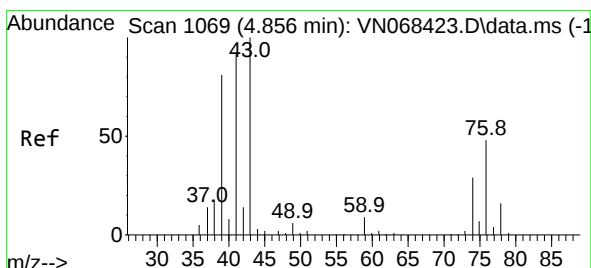
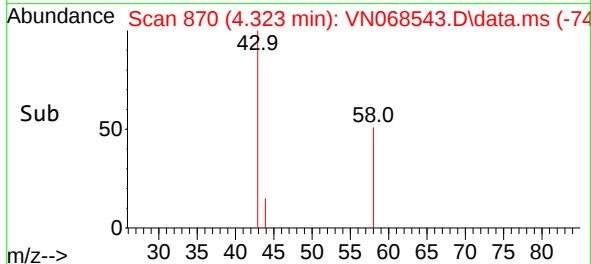
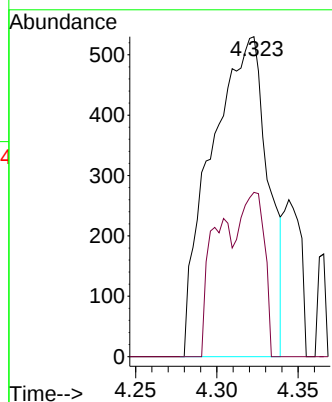
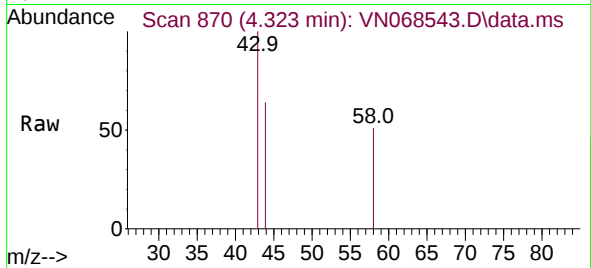




#16
Acetone
Concen: Below Cal
RT: 4.323 min Scan# 870
Delta R.T. 0.032 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

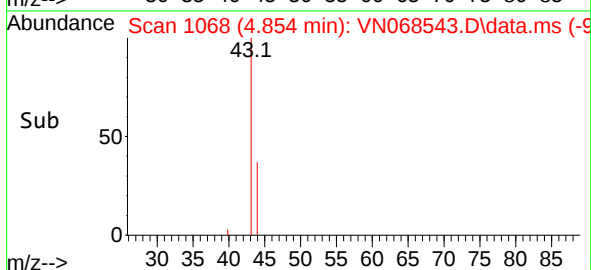
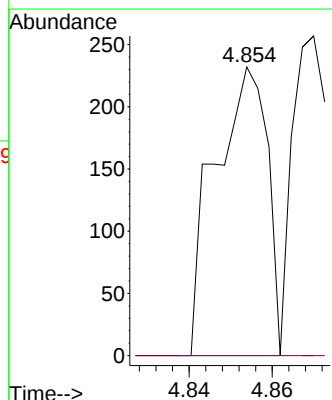
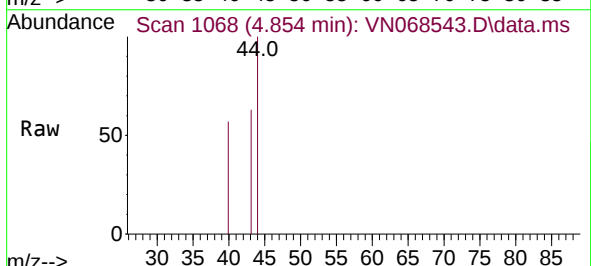
Instrument :
MSVOA_N
ClientSampled :
IBLK

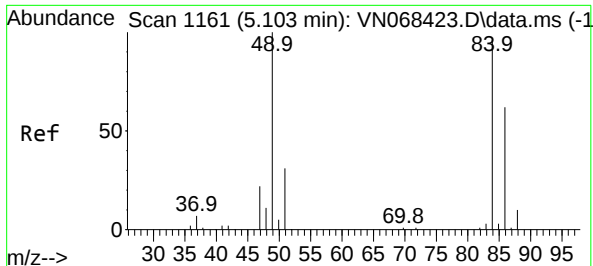
Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 51.3 27.0 40.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
74 0.0 23.5 35.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.098 min Scan# 1159

Delta R.T. -0.005 min

Lab File: VN068543.D

Acq: 18 Sep 2021 2:16

Tgt Ion: 84 Resp: 2976

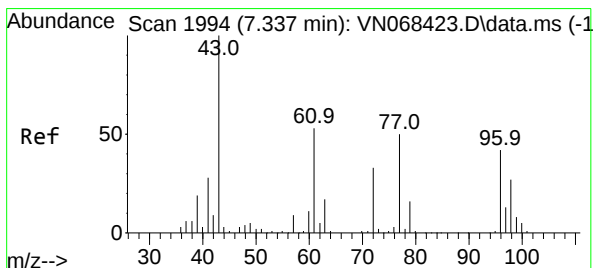
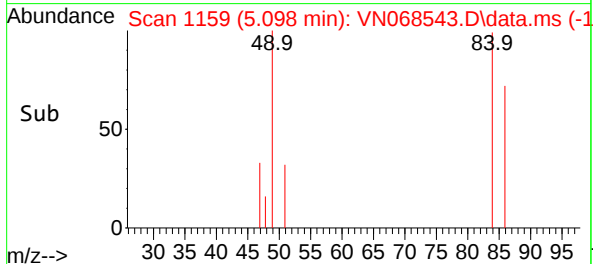
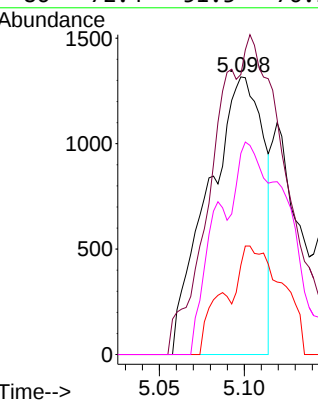
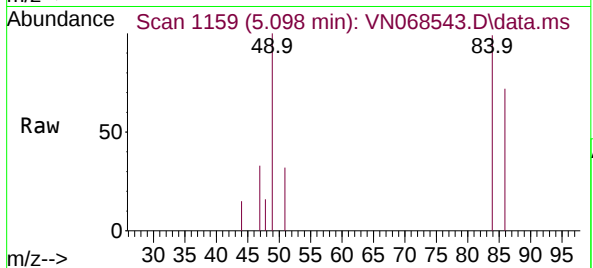
Ion Ratio Lower Upper

84 100

49 100.8 83.0 124.6

51 32.2 25.4 38.0

86 72.4 51.3 76.9



#25

2-Butanone

Concen: 0.366 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.013 min

Lab File: VN068543.D

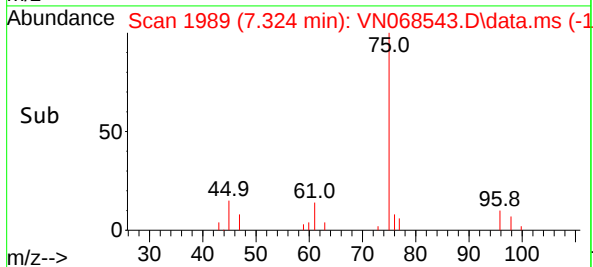
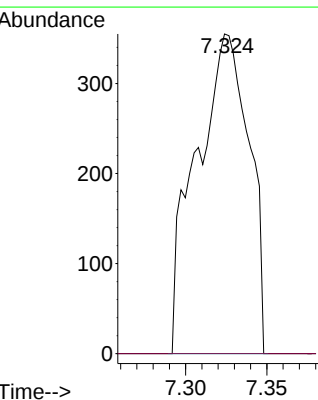
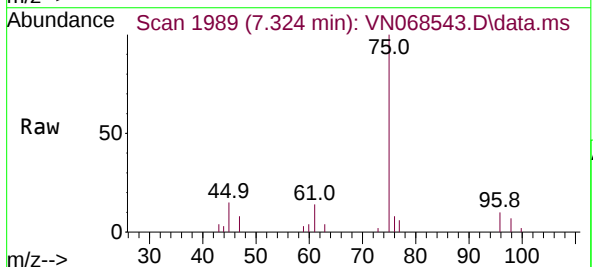
Acq: 18 Sep 2021 2:16

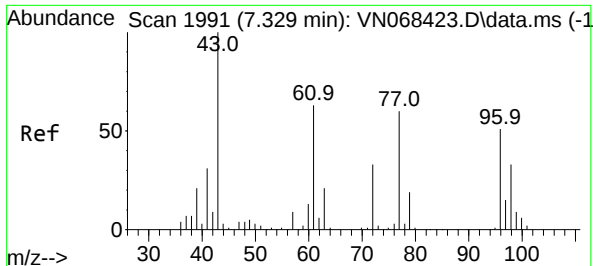
Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

72 0.0 26.7 40.1#



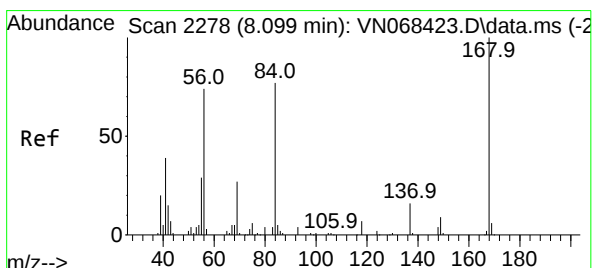
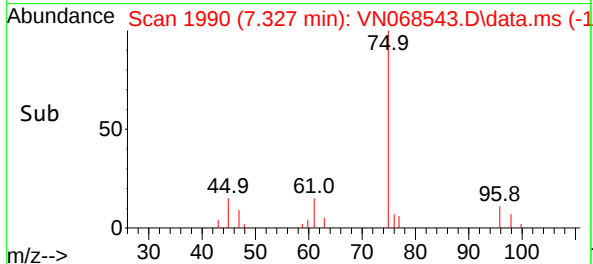
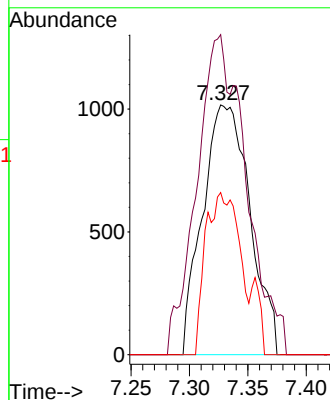
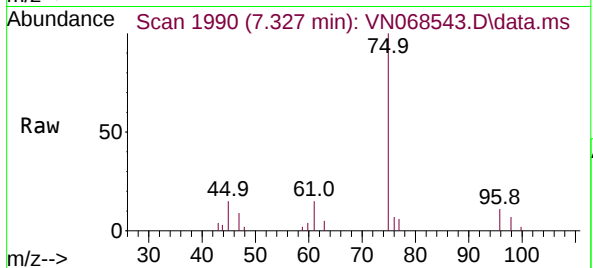


#27

cis-1,2-Dichloroethene
Concen: 0.553 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Instrument :
MSVOA_N
ClientSampled :
IBLK

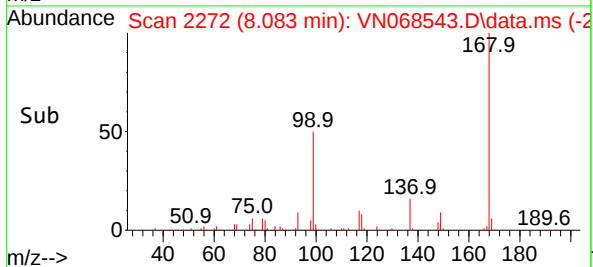
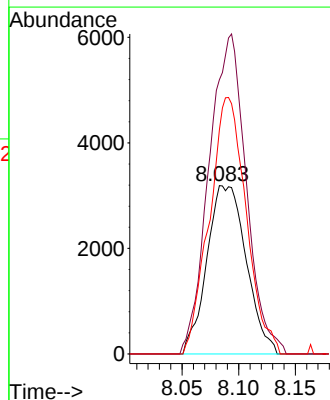
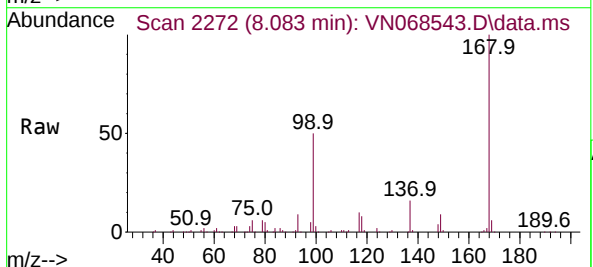
Tgt Ion:	96	Resp:	2870
Ion	Ratio	Lower	Upper
96	100		
61	85.6	0.0	246.4
98	46.3	0.0	130.4

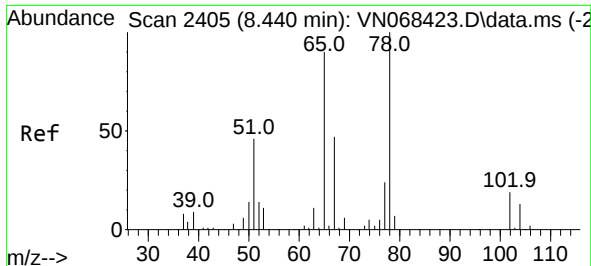


#31

Cyclohexane
Concen: 1.124 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.016 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion:	56	Resp:	7701
Ion	Ratio	Lower	Upper
56	100		
69	163.0	29.4	44.0#
84	133.2	83.6	125.4#



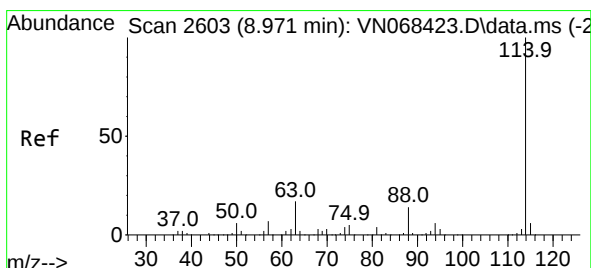
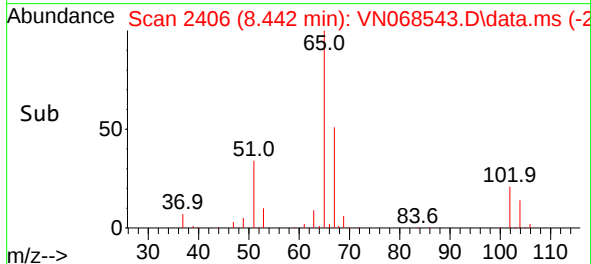
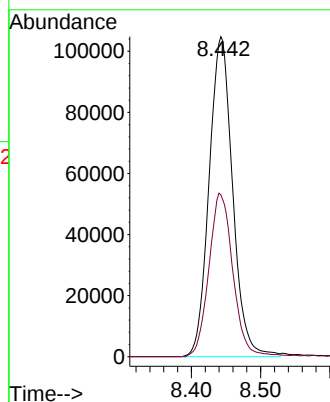
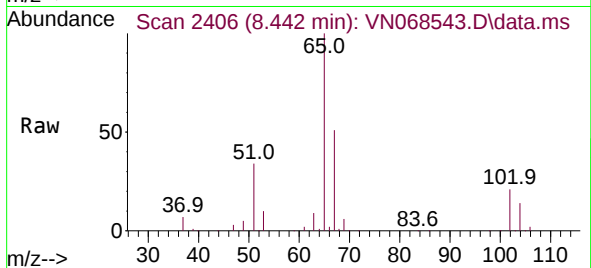


#33

1,2-Dichloroethane-d4
Concen: 54.725 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Instrument :
MSVOA_N
ClientSampled :
IBLK

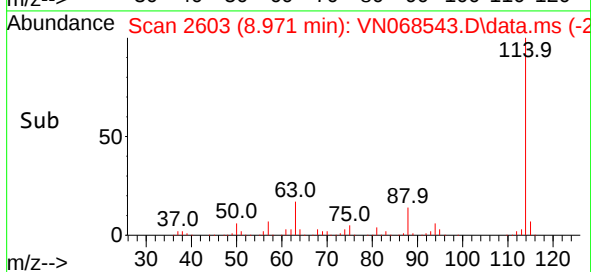
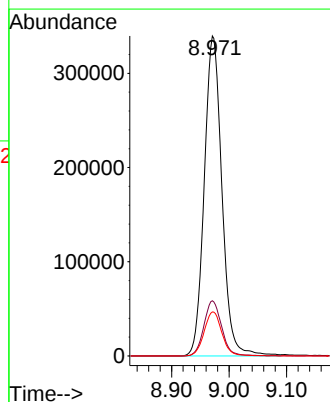
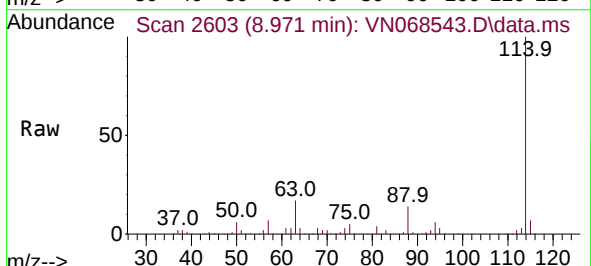
Tgt Ion: 65 Resp: 247374
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

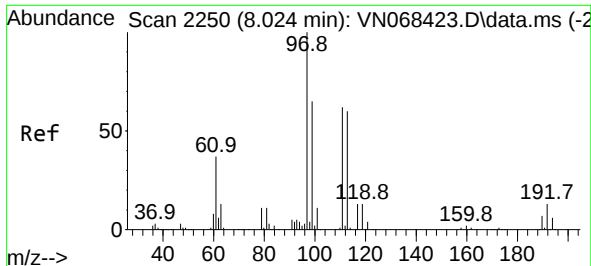


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion: 114 Resp: 725904
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.2
88 13.7 0.0 28.4

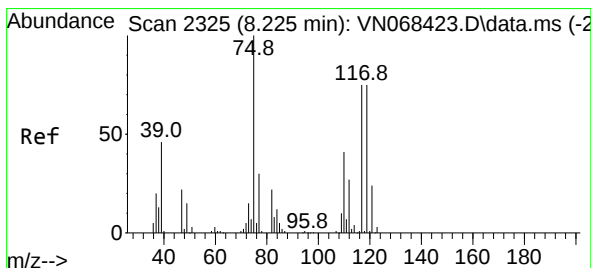
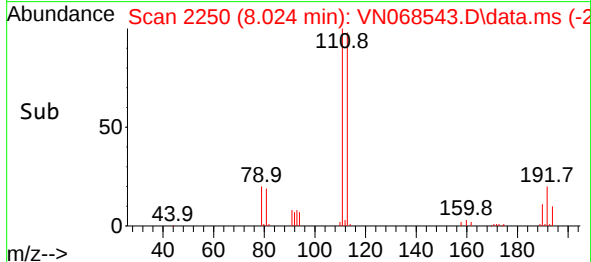
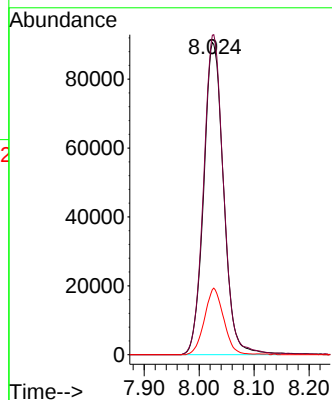
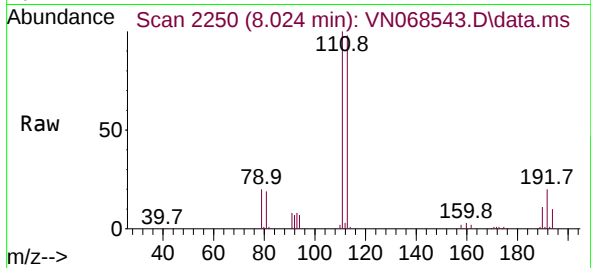




#35
Dibromofluoromethane
Concen: 52.154 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

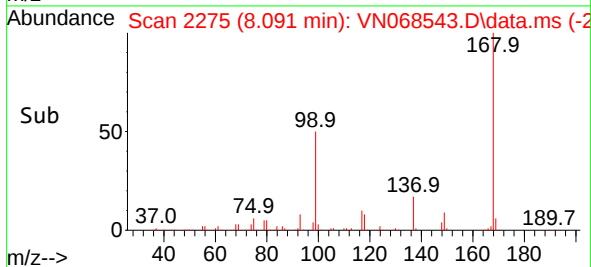
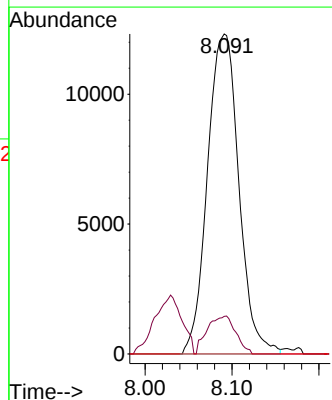
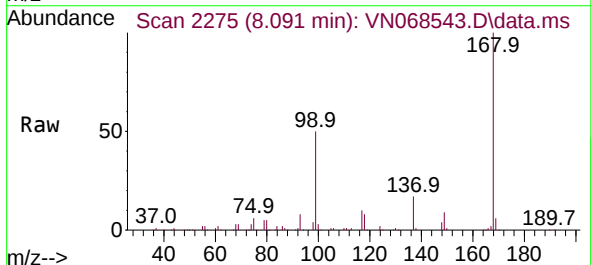
Instrument :
MSVOA_N
ClientSampled :
IBLK

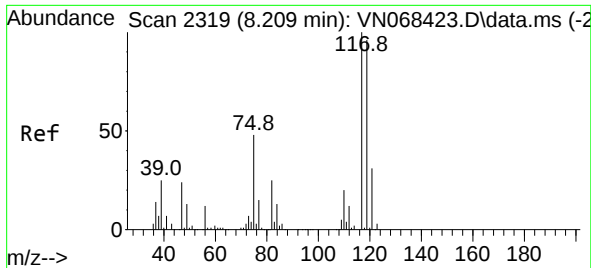
Tgt Ion:113 Resp: 228339
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.5 17.7 26.5



#36
1,1-Dichloropropene
Concen: 5.111 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.134 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion: 75 Resp: 30934
Ion Ratio Lower Upper
75 100
110 10.7 20.8 62.5#
77 0.0 25.0 37.6#

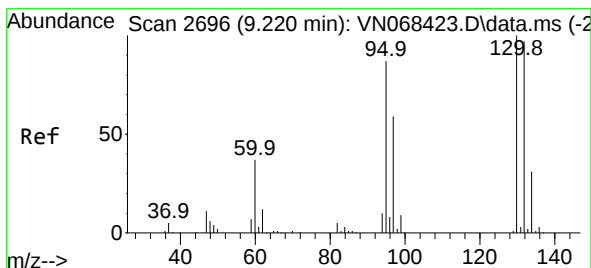
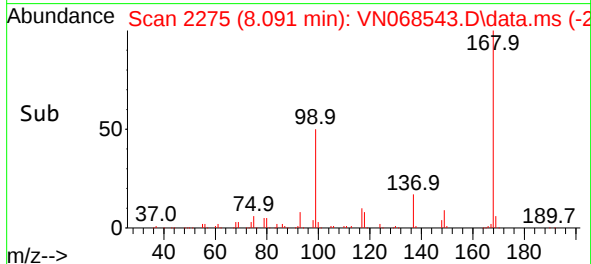
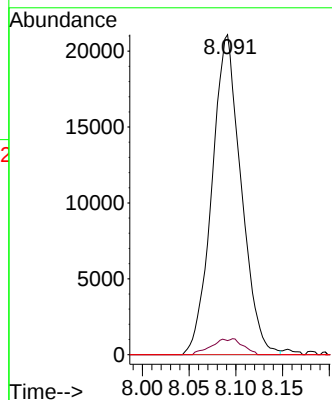
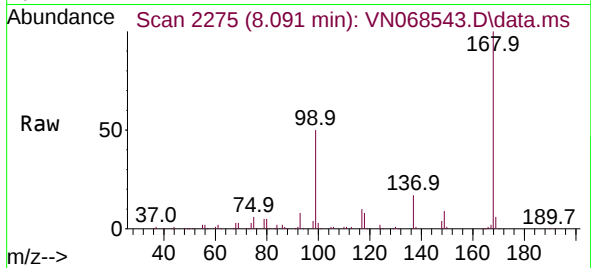




#38
Carbon Tetrachloride
Concen: 6.317 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

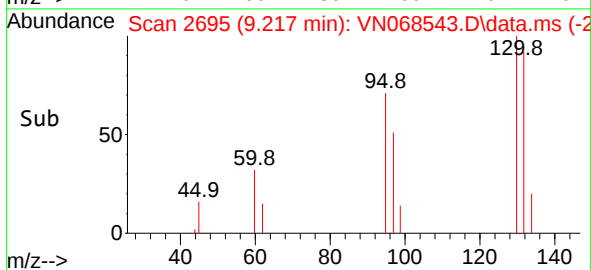
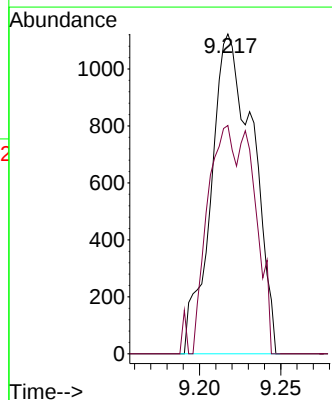
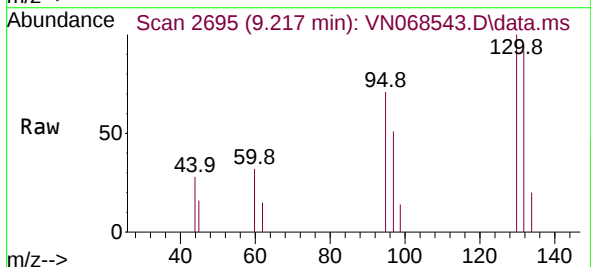
Instrument :
MSVOA_N
ClientSampled :
IBLK

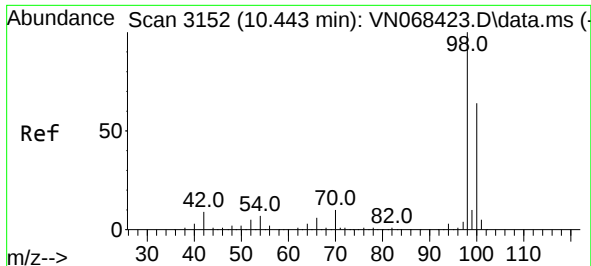
Tgt Ion:117 Resp: 45802
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.356 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.003 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion:130 Resp: 2021
Ion Ratio Lower Upper
130 100
95 71.4 0.0 173.8

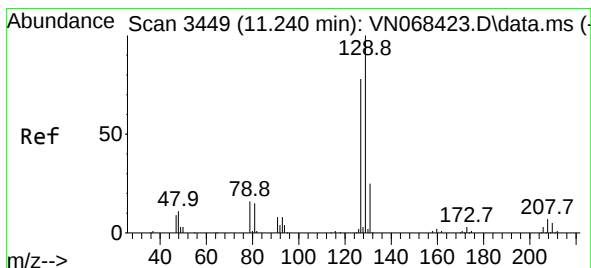
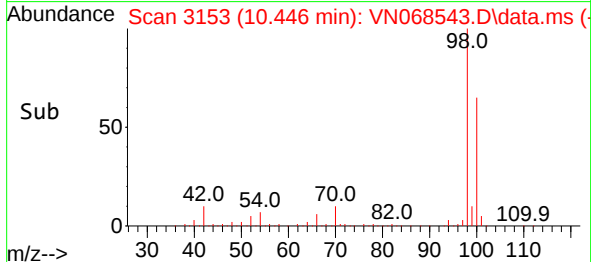
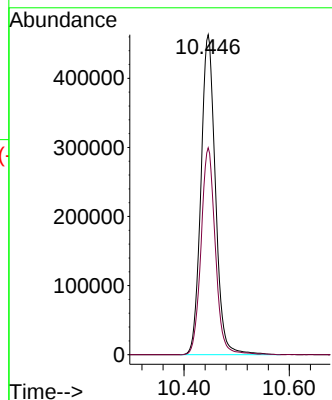
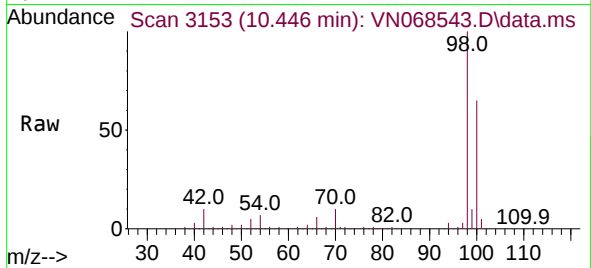




#50
Toluene-d8
Concen: 49.327 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

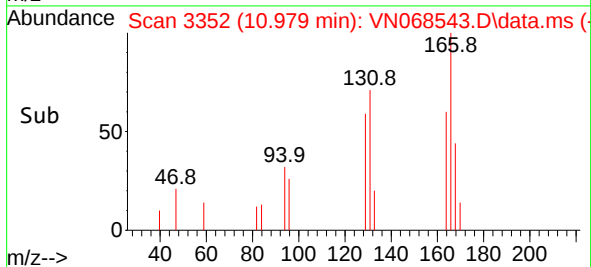
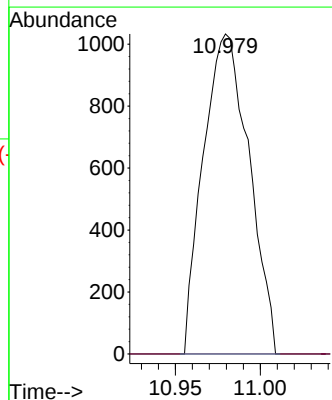
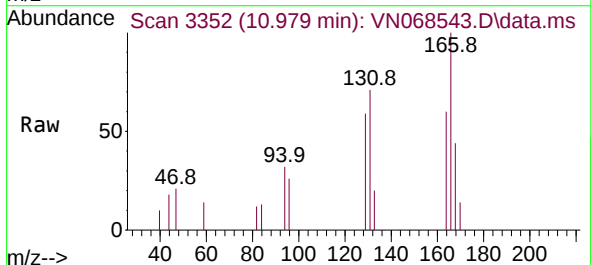
Instrument :
MSVOA_N
ClientSampled :
IBLK

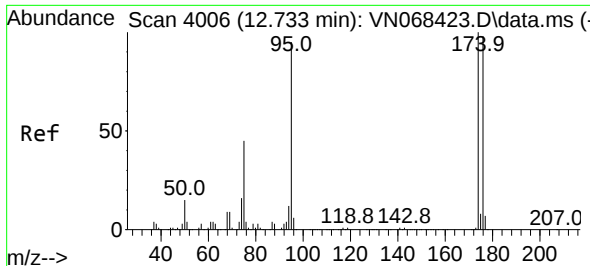
Tgt Ion: 98 Resp: 884810
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.6



#60
Dibromochloromethane
Concen: 2.092 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.261 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion: 129 Resp: 1939
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

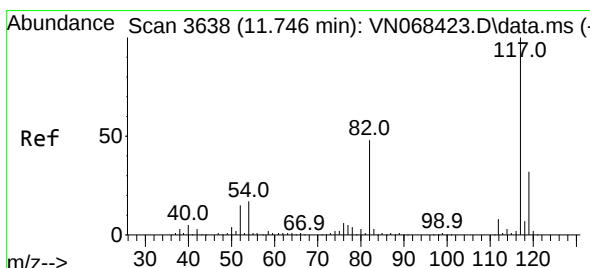
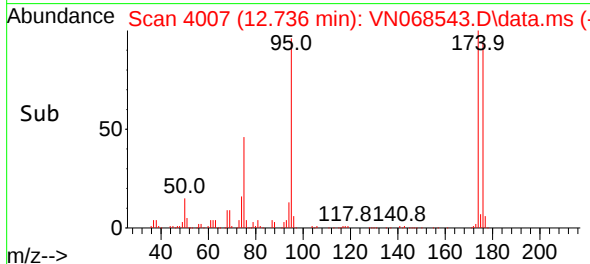
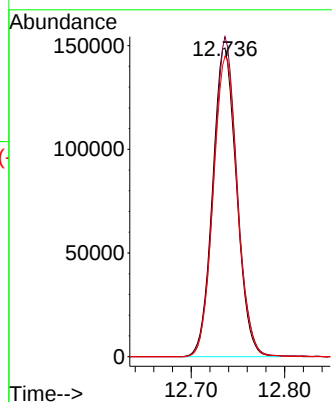
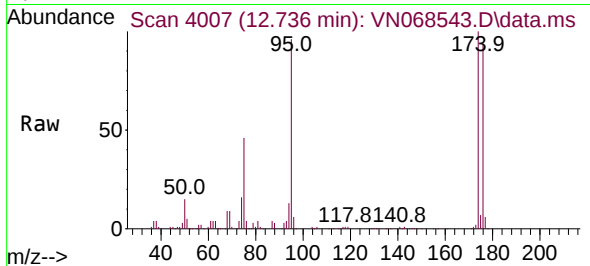




#62
4-Bromofluorobenzene
Concen: 45.293 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

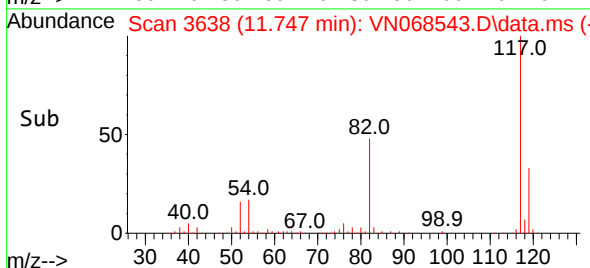
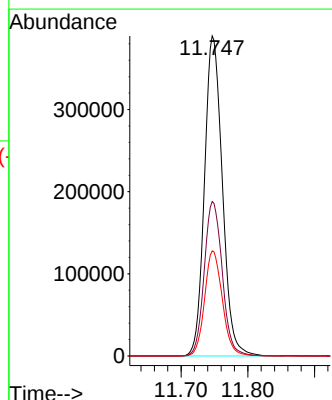
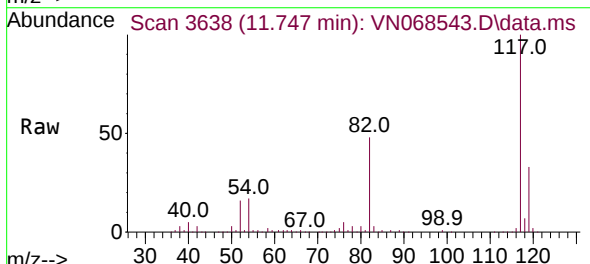
Instrument :
MSVOA_N
ClientSampled :
IBLK

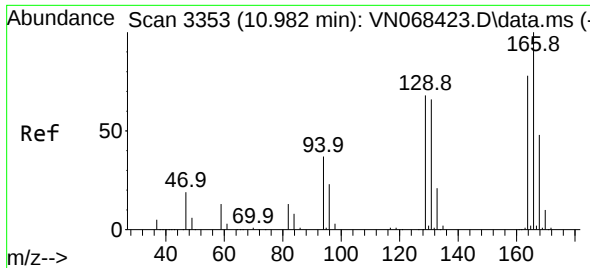
Tgt Ion: 95 Resp: 265564
Ion Ratio Lower Upper
95 100
174 101.9 0.0 214.0
176 98.1 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion: 117 Resp: 725861
Ion Ratio Lower Upper
117 100
82 48.3 38.7 58.1
119 32.8 25.5 38.3

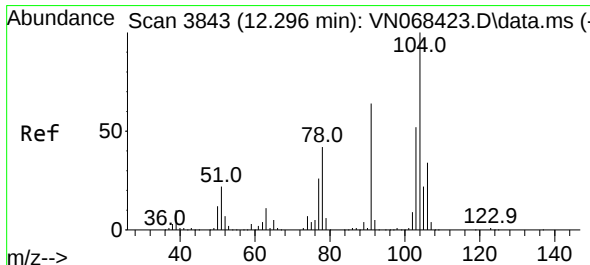
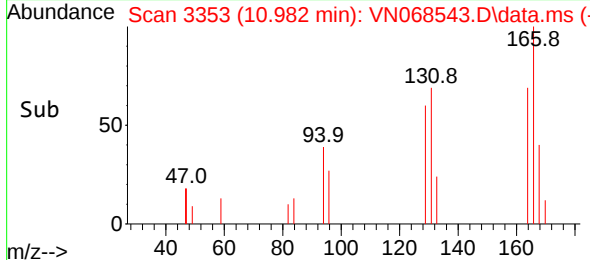
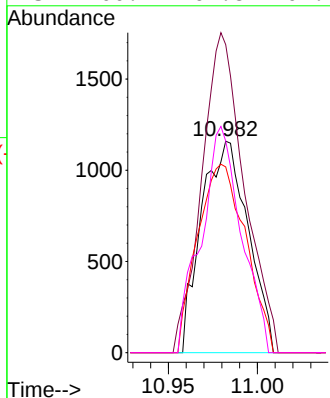
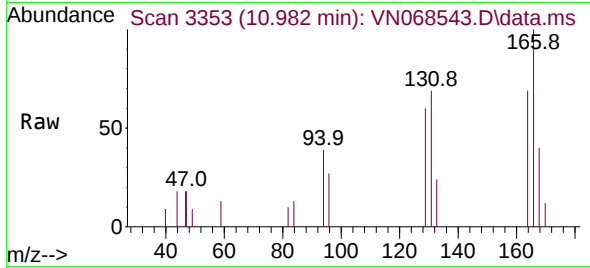




#64
Tetrachloroethene
Concen: 0.328 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

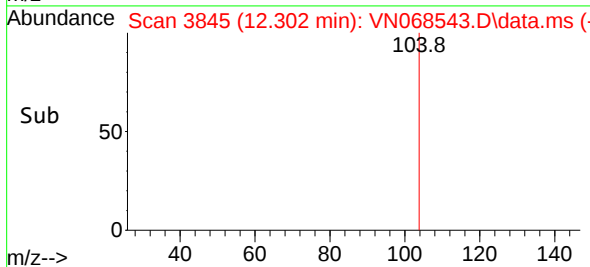
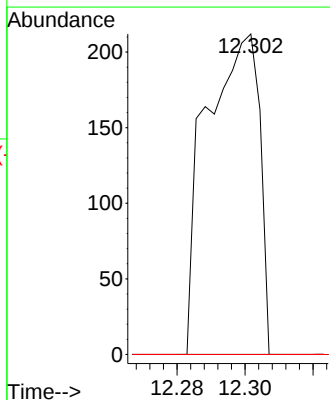
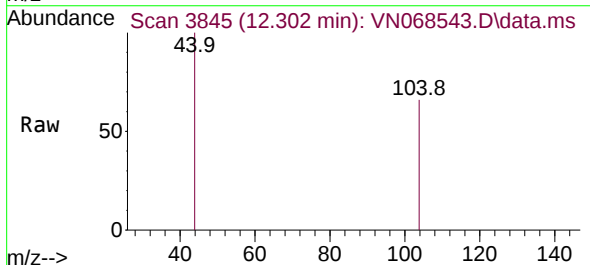
Instrument :
MSVOA_N
ClientSampleId :
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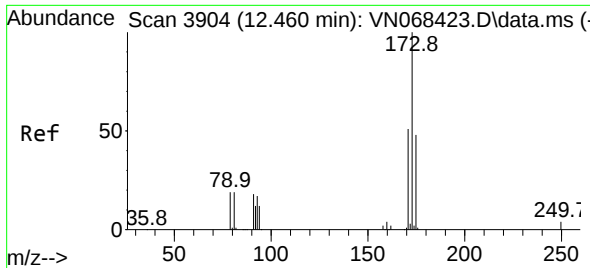
Tgt Ion:164 Resp: 2107
Ion Ratio Lower Upper
164 100
166 145.6 102.9 154.3
129 87.8 70.1 105.1
131 100.1 67.8 101.6



#70
Styrene
Concen: 1.767 ug/l
RT: 12.302 min Scan# 3845
Delta R.T. 0.006 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion:104 Resp: 229
Ion Ratio Lower Upper
104 100
78 0.0 36.2 54.2#
103 0.0 44.4 66.6#

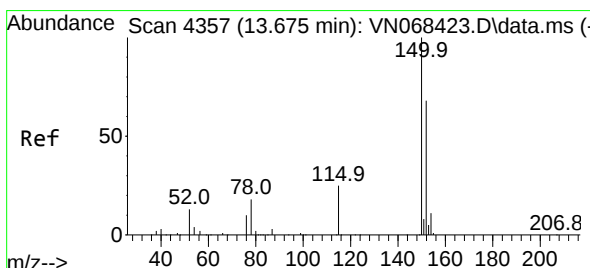
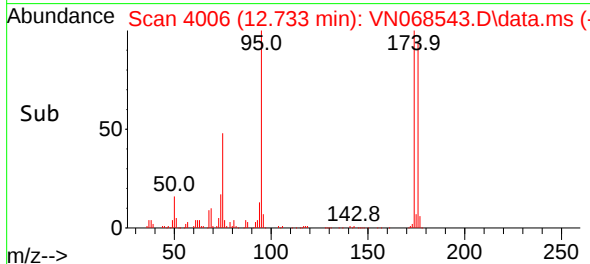
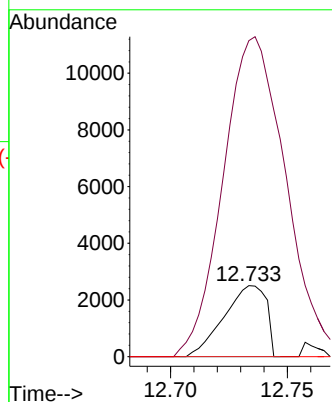
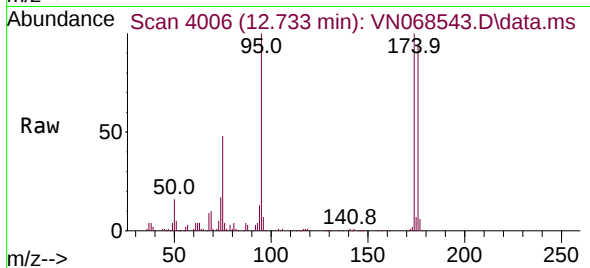




#71
Bromoform
Concen: 3.069 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.273 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

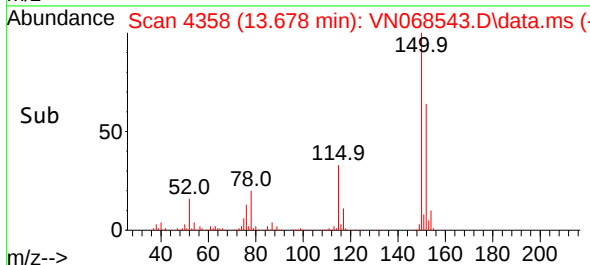
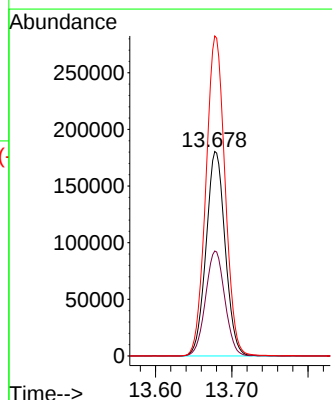
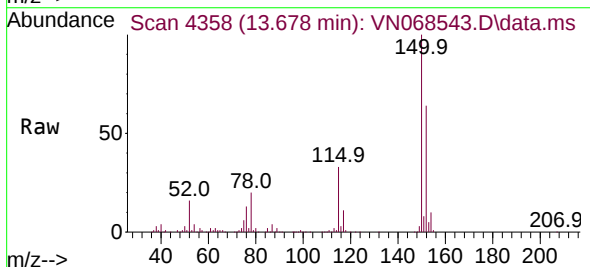
Instrument :
MSVOA_N
ClientSampled :
IBLK

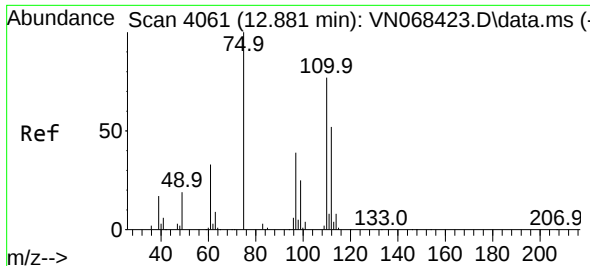
Tgt Ion:173 Resp: 3162
Ion Ratio Lower Upper
173 100
175 582.2 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion:152 Resp: 313486
Ion Ratio Lower Upper
152 100
115 52.0 25.6 76.6
150 156.8 0.0 346.8

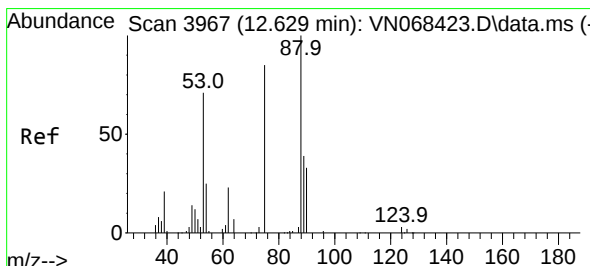
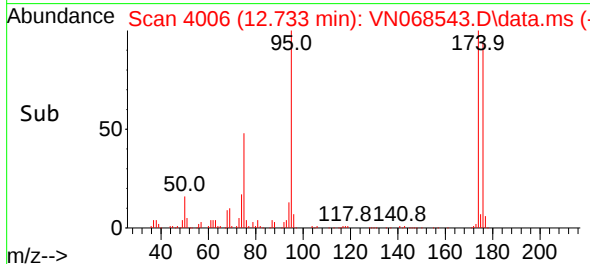
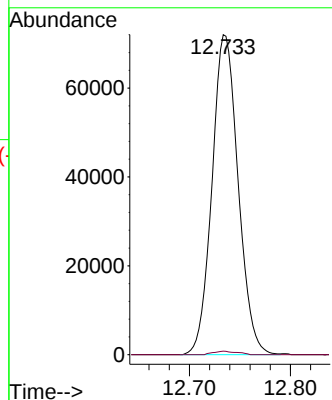
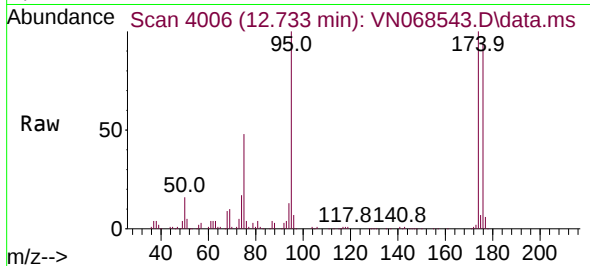




#76
1,2,3-Trichloropropane
Concen: 29.582 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

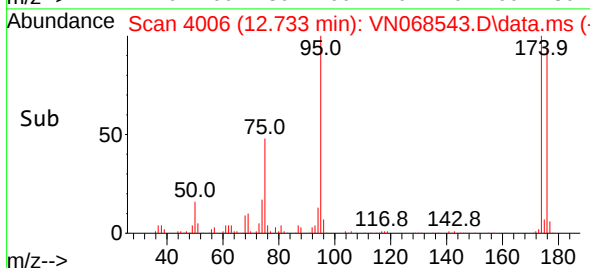
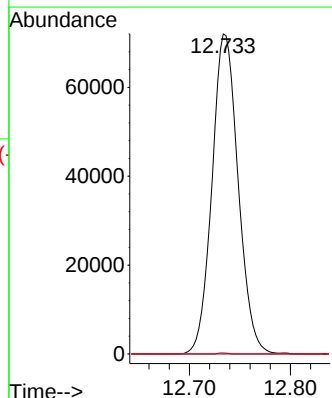
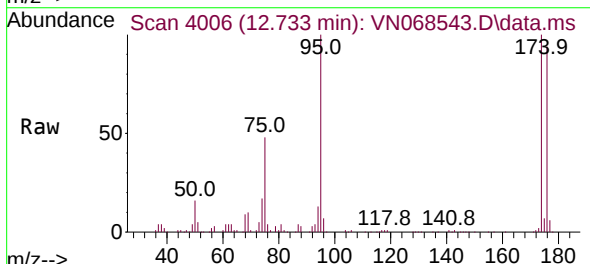
Instrument :
MSVOA_N
ClientSampled :
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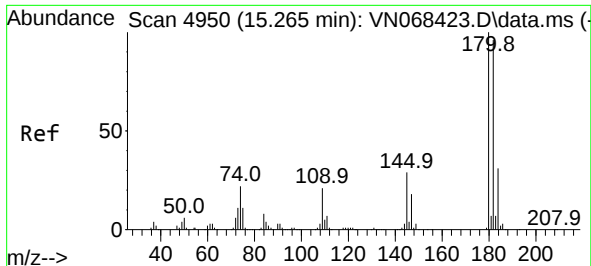
Tgt Ion: 75 Resp: 129459
Ion Ratio Lower Upper
75 100
77 1.0 100.9 302.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.521 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion: 75 Resp: 129459
Ion Ratio Lower Upper
75 100
53 0.1 70.6 105.8#
89 0.0 39.5 59.3#

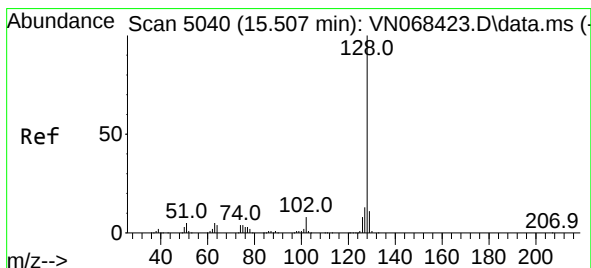
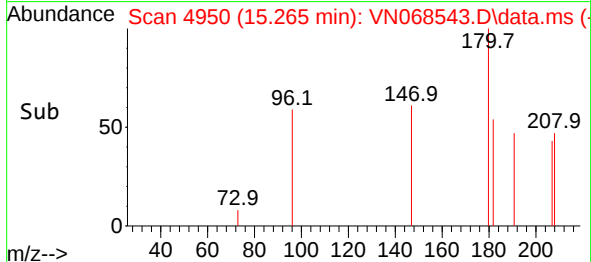
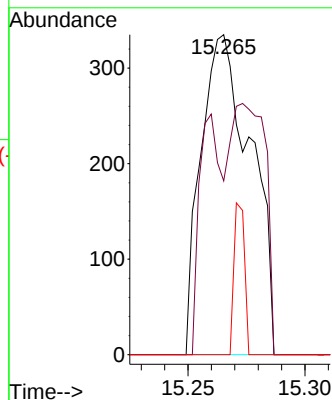
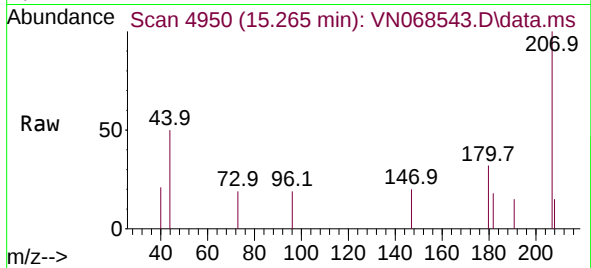




#93
1,2,4-Trichlorobenzene
Concen: 3.039 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

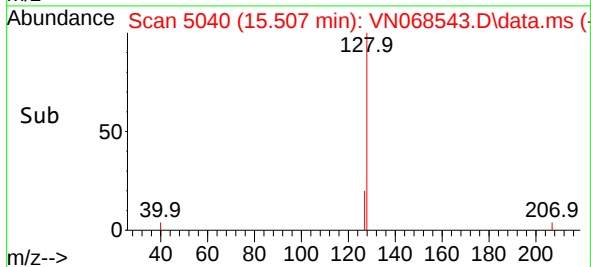
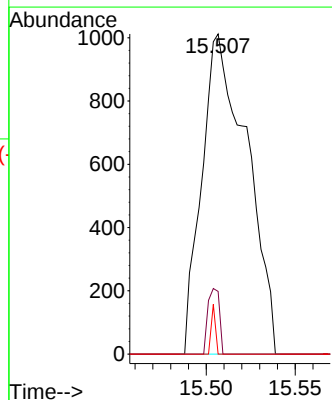
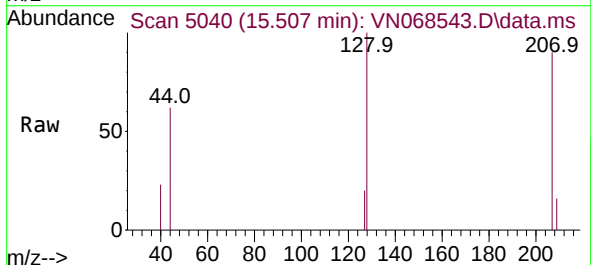
Instrument :
MSVOA_N
ClientSampled :
IBLK

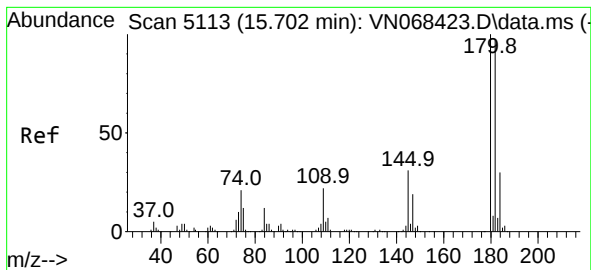
Tgt Ion:180 Resp: 497
Ion Ratio Lower Upper
180 100
182 55.5 47.5 142.6
145 10.1 14.1 42.4#



#95
Naphthalene
Concen: 3.630 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068543.D
Acq: 18 Sep 2021 2:16

Tgt Ion:128 Resp: 1776
Ion Ratio Lower Upper
128 100
127 5.2 10.6 15.8#
129 1.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.084 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN068543.D
 Acq: 18 Sep 2021 2:16

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 644
 Ion Ratio Lower Upper
 180 100
 182 77.8 47.9 143.6
 145 0.0 15.2 45.5#

