

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048941.D
 Acq On : 08 Jun 2022 04:11
 Operator : SY/MD
 Sample : N3166-26 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BRP-2-20220601

Quant Time: Jun 08 09:16:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

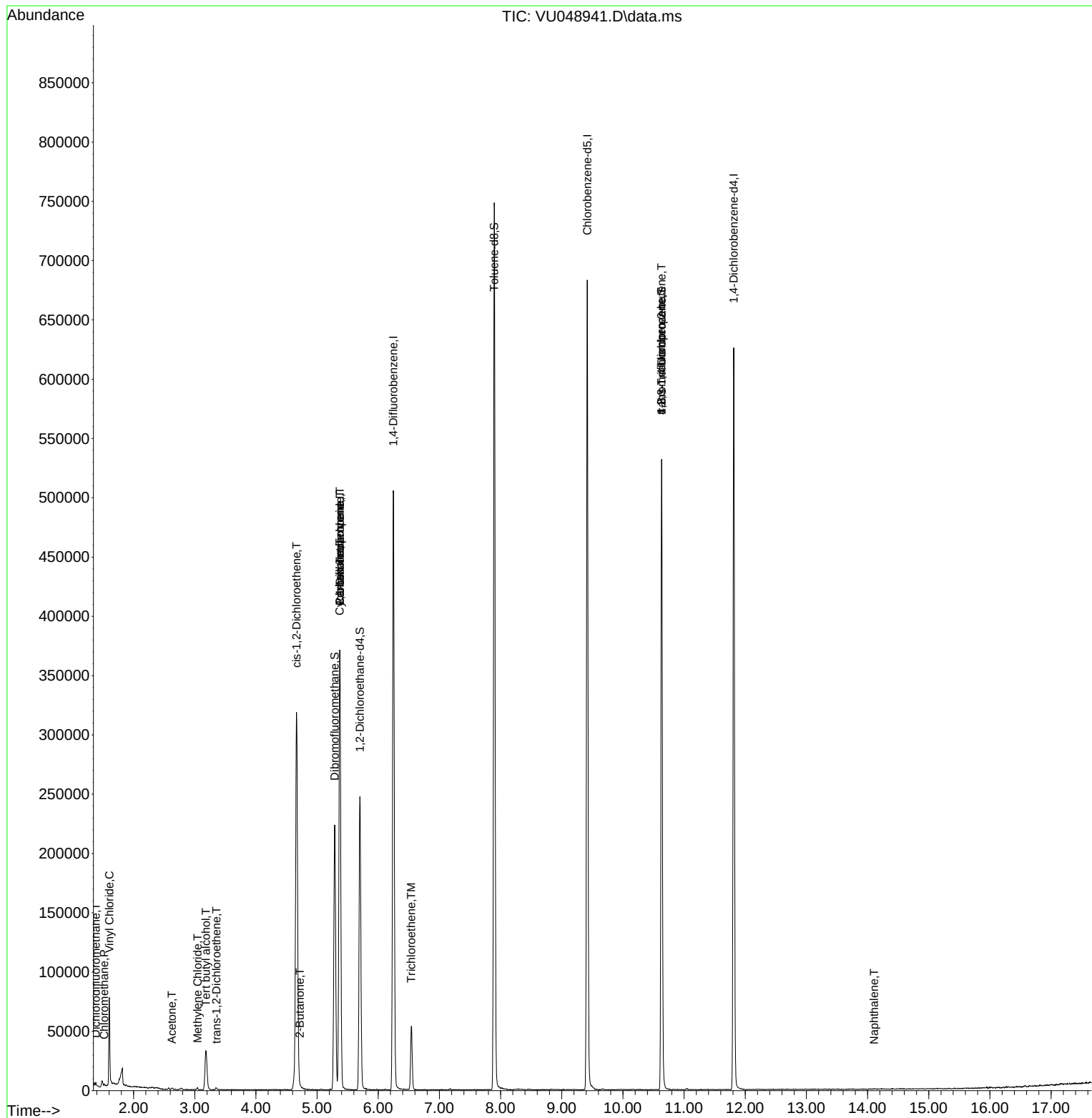
Internal Standards						
1) Pentafluorobenzene	5.372	168	251724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	401091	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	378554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	166108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	191120	50.555	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.120%	
35) Dibromofluoromethane	5.289	113	143010	49.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.960%	
50) Toluene-d8	7.896	98	489293	47.702	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.400%	
62) 4-Bromofluorobenzene	10.632	95	175155	45.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	1315	0.456	ug/l	99
3) Chloromethane	1.520	50	861	0.232	ug/l #	76
4) Vinyl Chloride	1.604	62	50962	14.832	ug/l	100
5) Bromomethane	1.835	94	143	Below Cal	#	71
6) Chloroethane	1.929	64	526	Below Cal	#	43
11) Tert butyl alcohol	3.183	59	20606	21.500	ug/l #	29
16) Acetone	2.626	43	1377	0.715	ug/l	98
20) Methylene Chloride	3.044	84	657	0.201	ug/l #	73
21) trans-1,2-Dichloroethene	3.353	96	771	0.263	ug/l	85
25) 2-Butanone	4.716	43	1484	0.536	ug/l	92
27) cis-1,2-Dichloroethene	4.665	96	166060	48.953	ug/l	88
31) Cyclohexane	5.369	56	5156	1.082	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	21279	5.095	ug/l #	49
38) Carbon Tetrachloride	5.372	117	26538	5.539	ug/l #	17
44) Trichloroethene	6.539	130	17743	5.586	ug/l	100
76) 1,2,3-Trichloropropane	10.632	75	92393	17.251	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	92393	62.637	ug/l #	13
95) Naphthalene	14.108	128	225	2.549	ug/l #	69

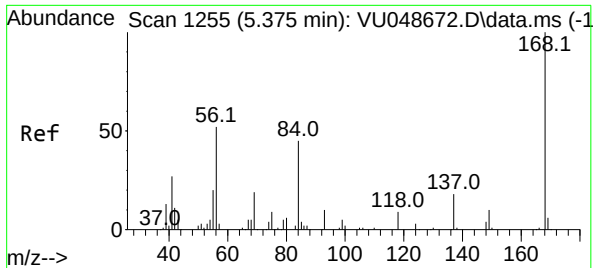
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
Data File : VU048941.D
Acq On : 08 Jun 2022 04:11
Operator : SY/MD
Sample : N3166-26 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

Quant Time: Jun 08 09:16:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

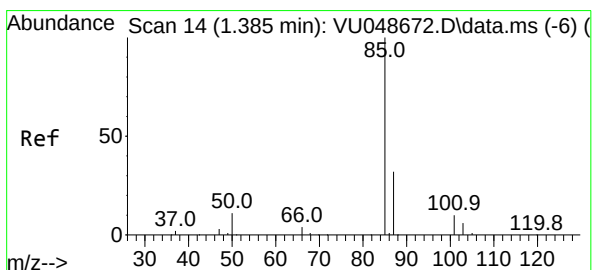
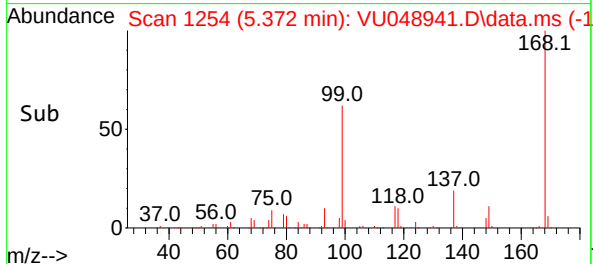
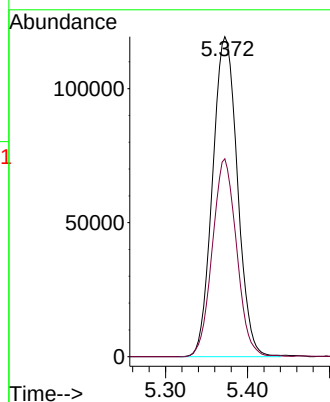
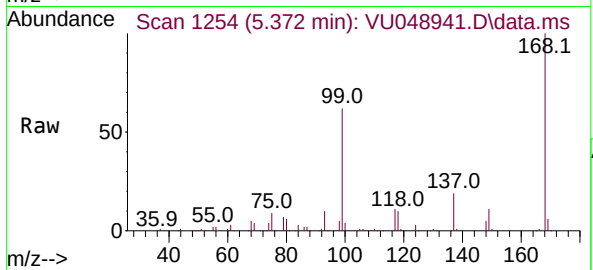




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

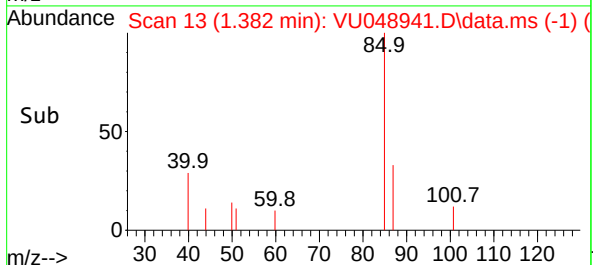
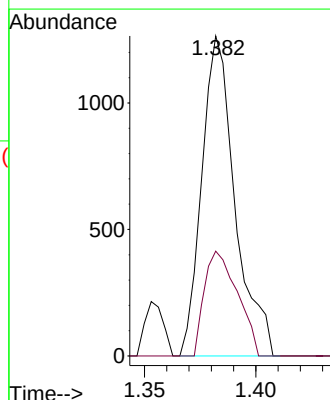
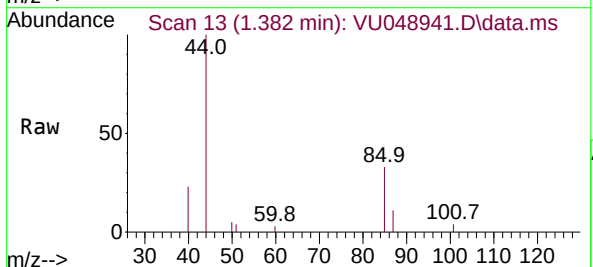
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

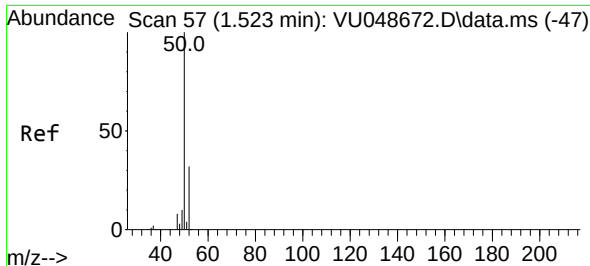
Tgt Ion:168 Resp: 251724
Ion Ratio Lower Upper
168 100
99 61.8 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 0.456 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 85 Resp: 1315
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

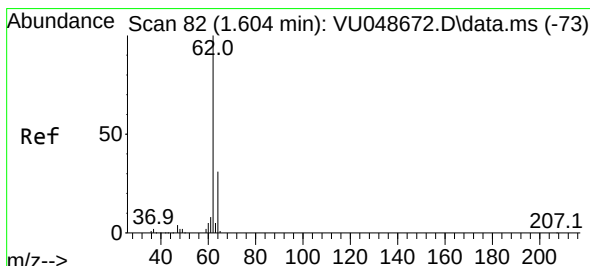
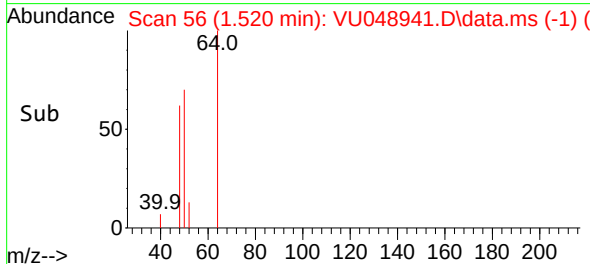
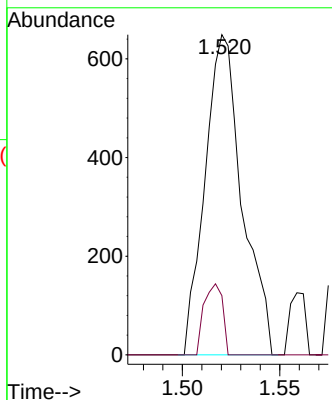
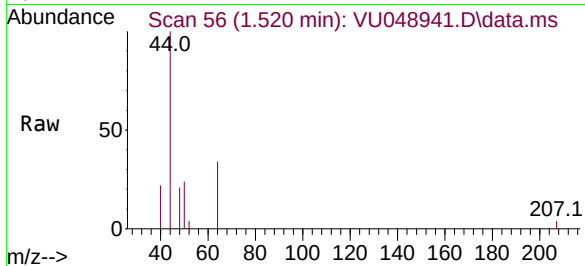




#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

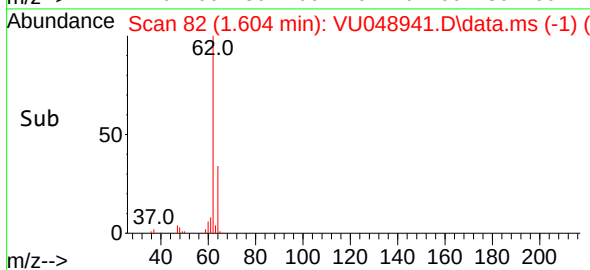
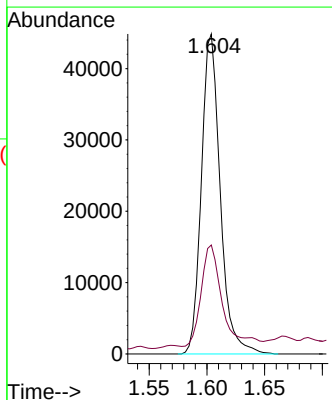
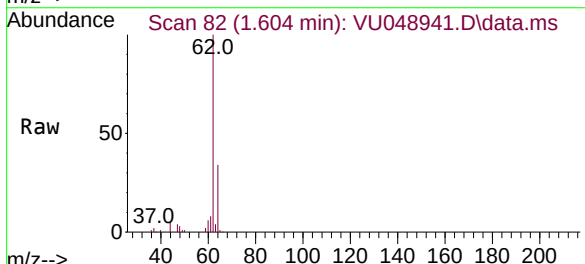
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

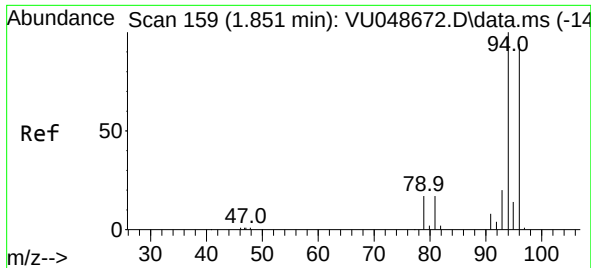
Tgt Ion: 50 Resp: 861
Ion Ratio Lower Upper
50 100
52 18.5 25.7 38.5#



#4
Vinyl Chloride
Concen: 14.832 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 62 Resp: 50962
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

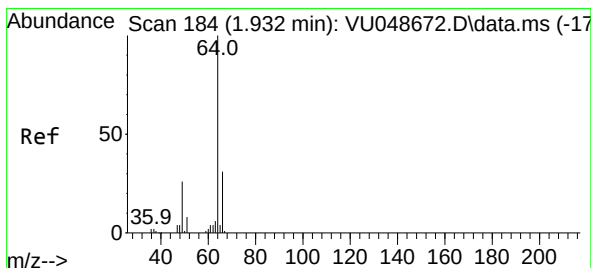
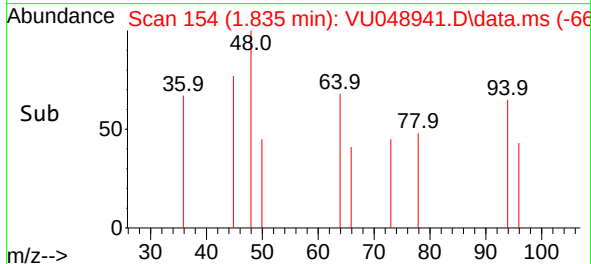
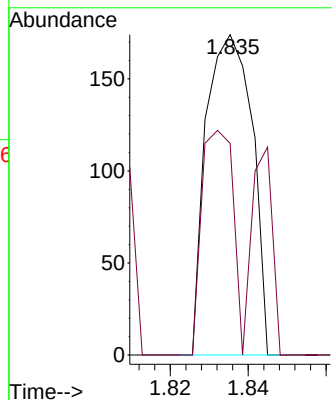
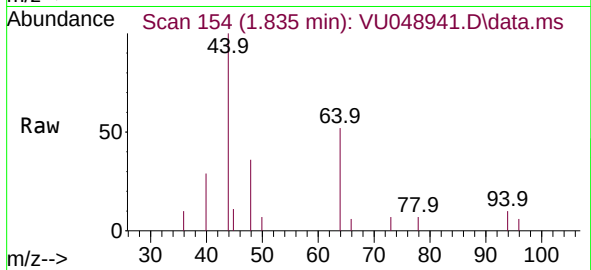




#5
Bromomethane
Concen: Below Cal
RT: 1.835 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

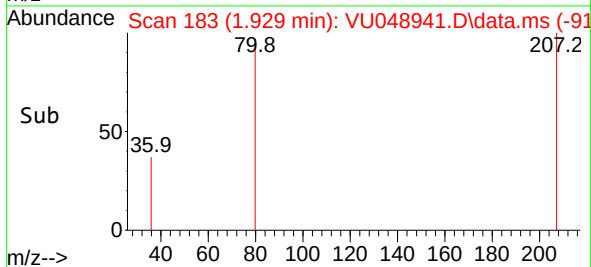
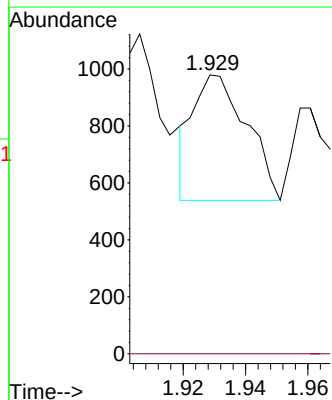
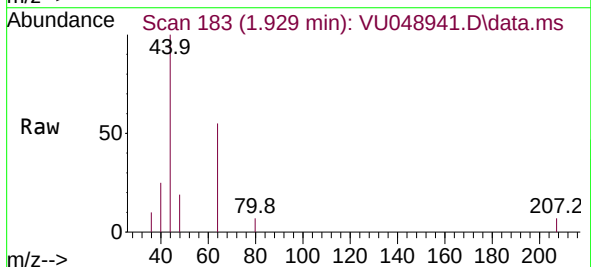
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

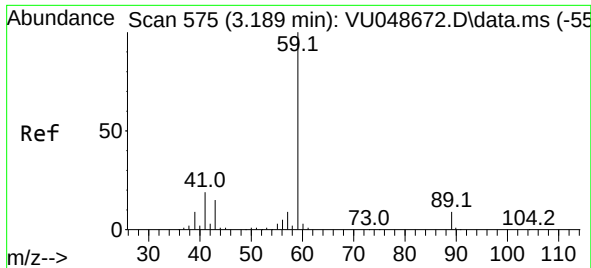
Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 66.1 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 64 Resp: 526
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

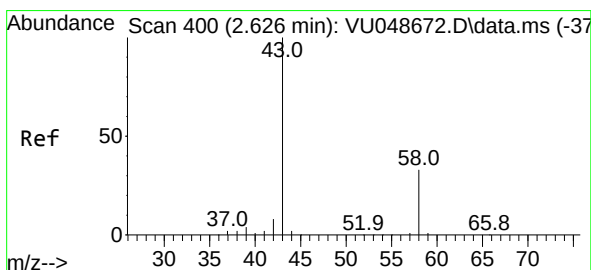
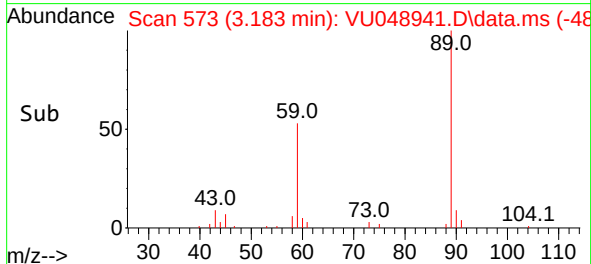
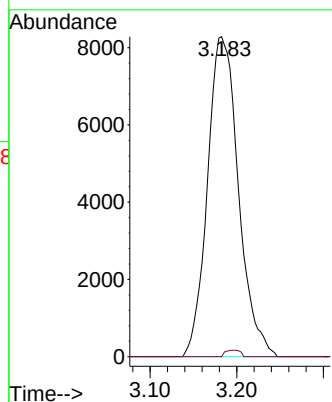
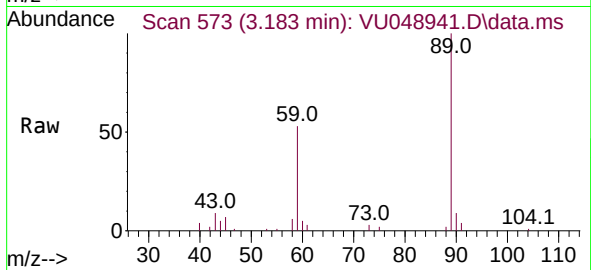




#11
Tert butyl alcohol
Concen: 21.500 ug/l
RT: 3.183 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

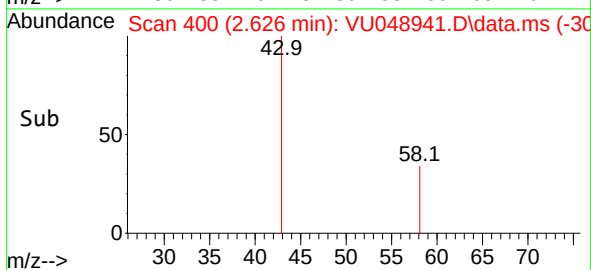
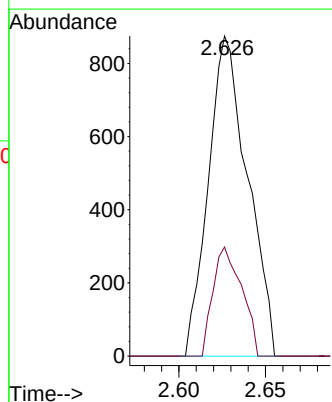
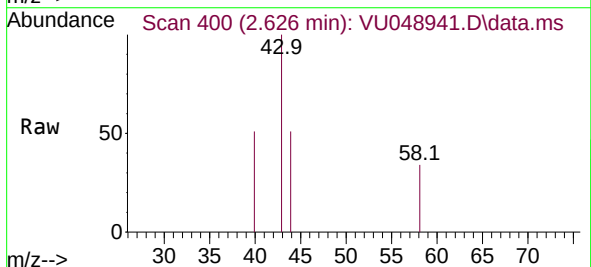
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

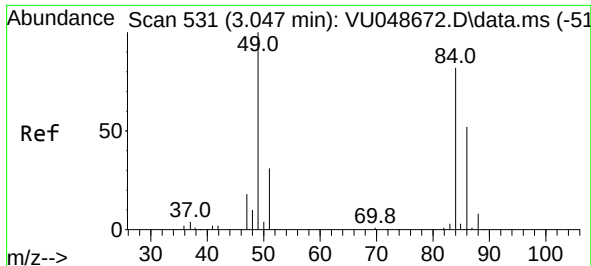
Tgt Ion: 59 Resp: 20606
Ion Ratio Lower Upper
59 100
57 1.0 39.7 59.5#



#16
Acetone
Concen: 0.715 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 34.1 26.3 39.5

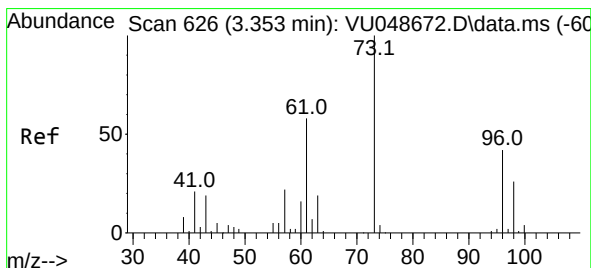
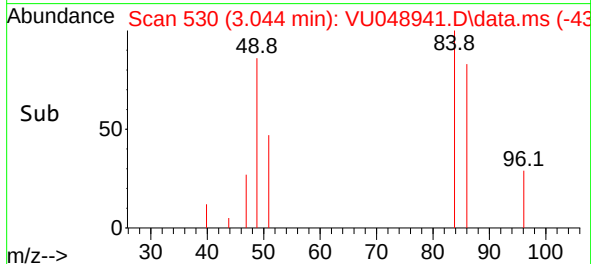
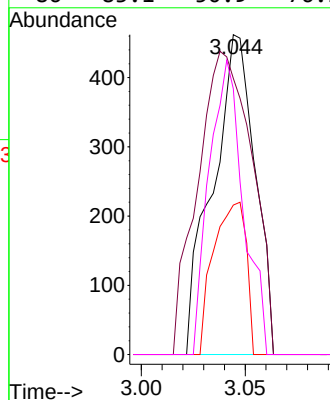
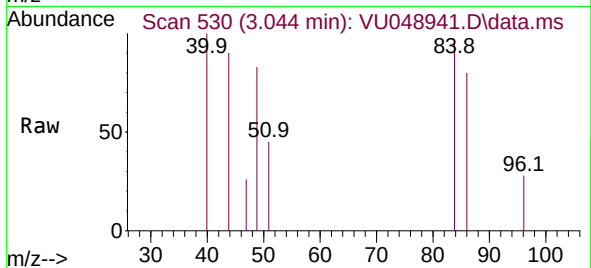




#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

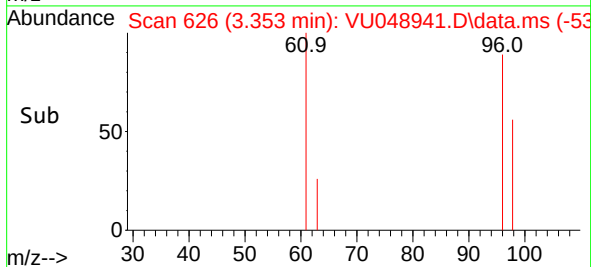
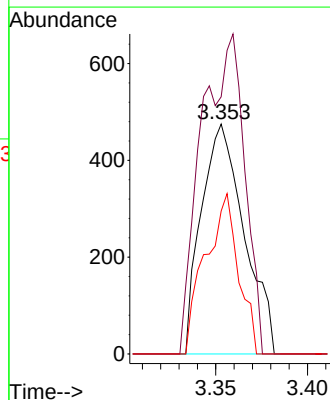
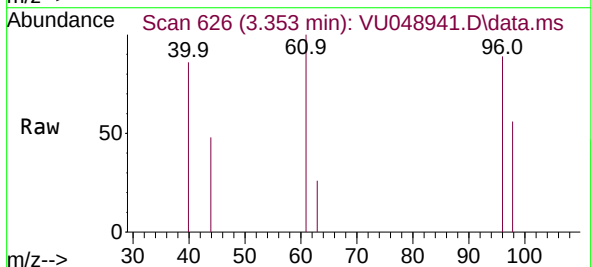
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

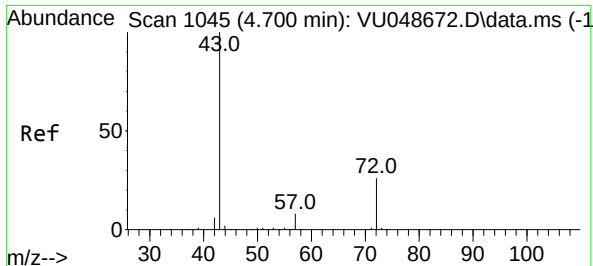
Tgt Ion:	84	Resp:	657
Ion	Ratio	Lower	Upper
84	100		
49	86.4	97.0	145.4#
51	46.8	29.8	44.8#
86	83.1	50.9	76.3#



#21
trans-1,2-Dichloroethene
Concen: 0.263 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion:	96	Resp:	771
Ion	Ratio	Lower	Upper
96	100		
61	111.8	109.4	164.2
98	62.1	48.9	73.3





#25

2-Butanone

Concen: 0.536 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU048941.D

Acq: 08 Jun 2022 04:11

Instrument :

MSVOA_U

ClientSampleId :

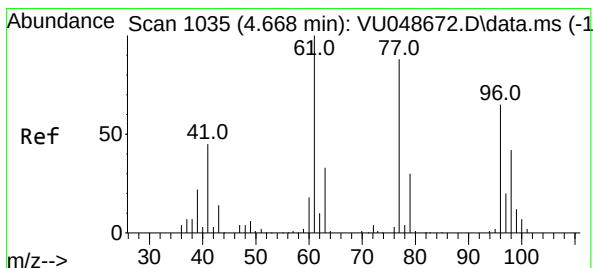
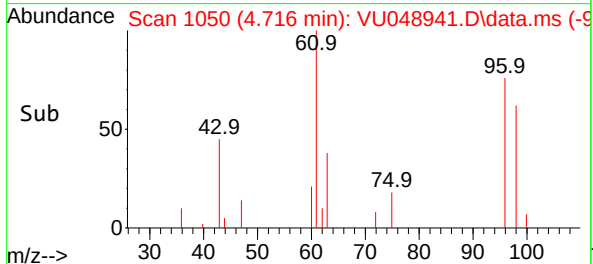
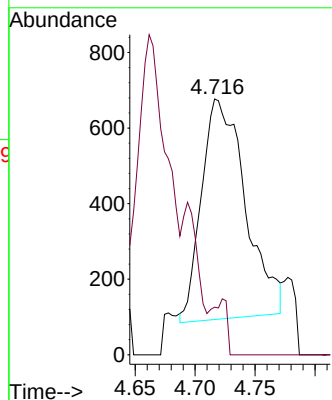
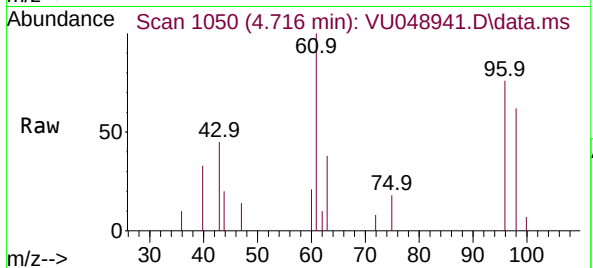
BRP-2-20220601

Tgt Ion: 43 Resp: 1484

Ion Ratio Lower Upper

43 100

72 22.2 21.1 31.7



#27

cis-1,2-Dichloroethene

Concen: 48.953 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048941.D

Acq: 08 Jun 2022 04:11

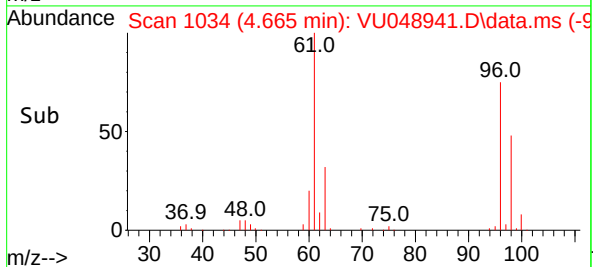
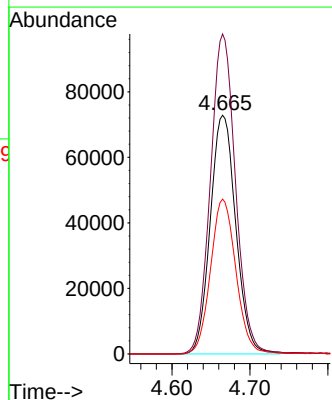
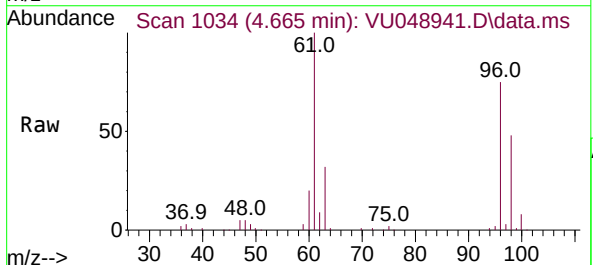
Tgt Ion: 96 Resp: 166060

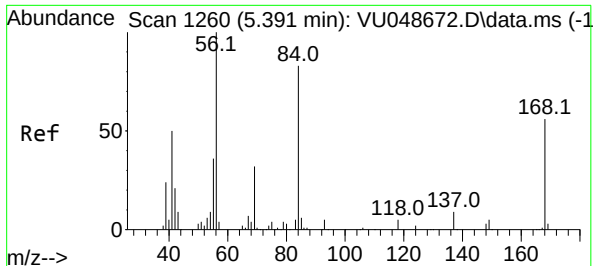
Ion Ratio Lower Upper

96 100

61 131.8 0.0 306.2

98 64.4 0.0 130.4

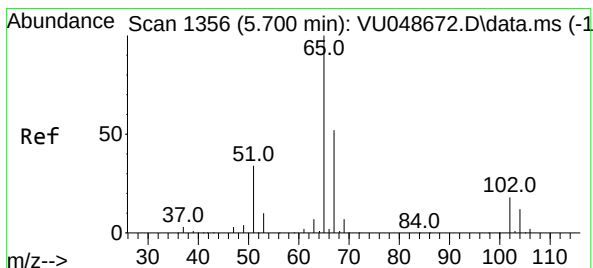
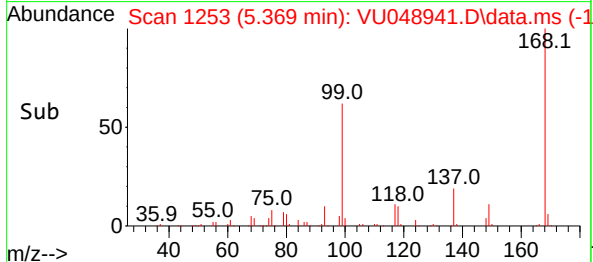
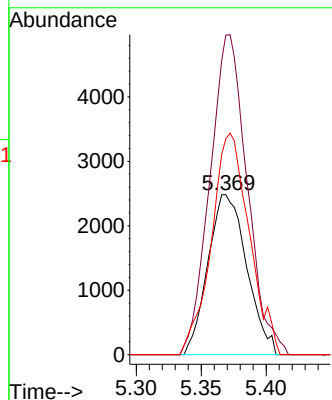
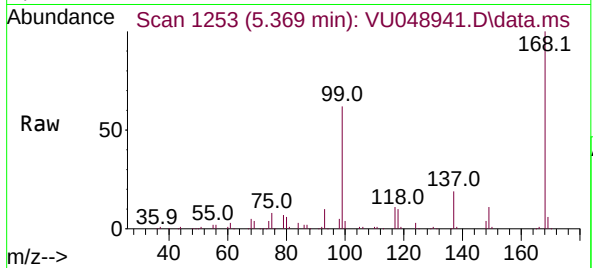




#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.022 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

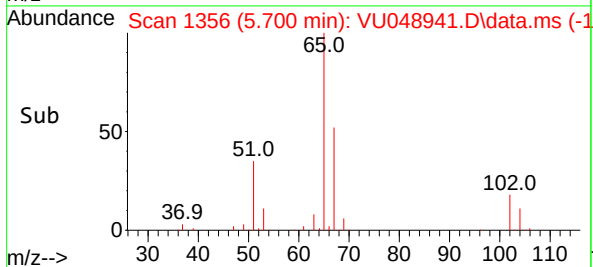
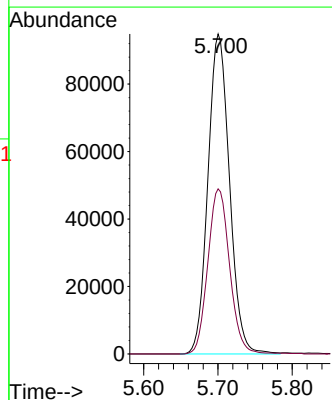
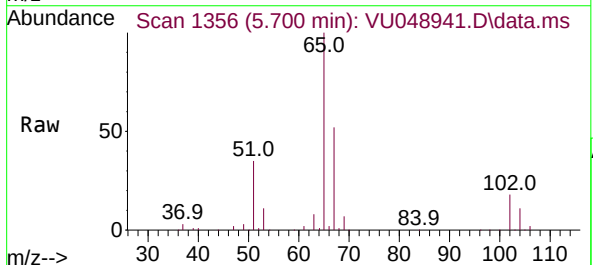
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

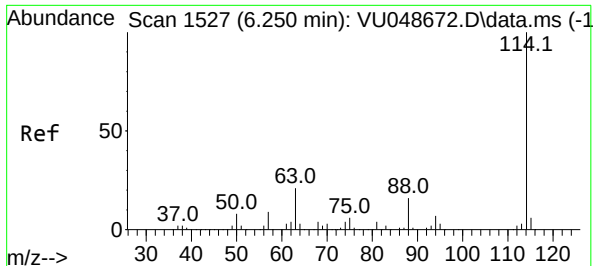
Tgt Ion: 56 Resp: 5156
Ion Ratio Lower Upper
56 100
69 199.8 25.6 38.4#
84 134.9 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 50.555 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 65 Resp: 191120
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048941.D

Acq: 08 Jun 2022 04:11

Instrument :

MSVOA_U

ClientSampleId :

BRP-2-20220601

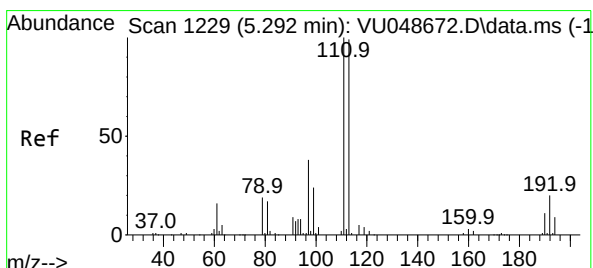
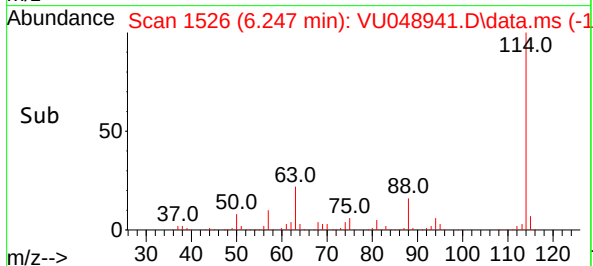
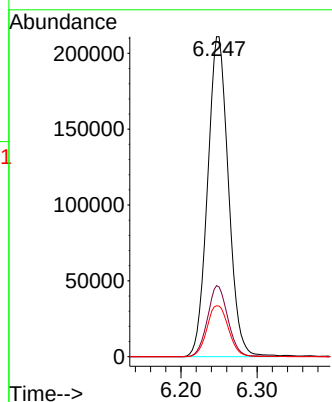
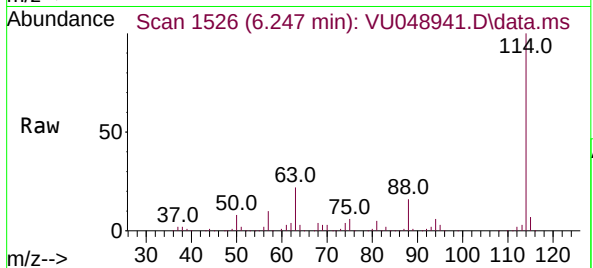
Tgt Ion:114 Resp: 401091

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.978 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048941.D

Acq: 08 Jun 2022 04:11

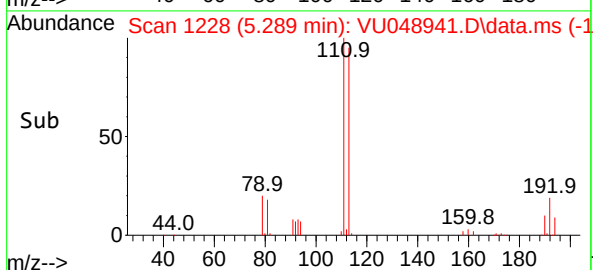
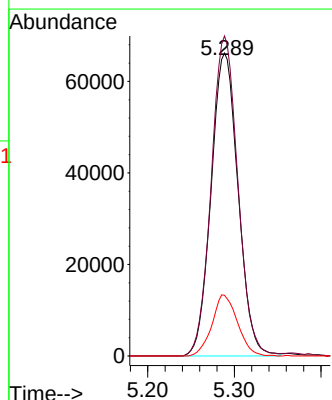
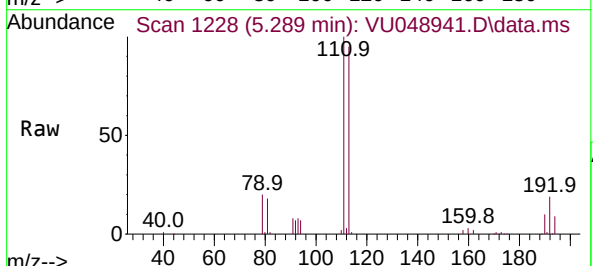
Tgt Ion:113 Resp: 143010

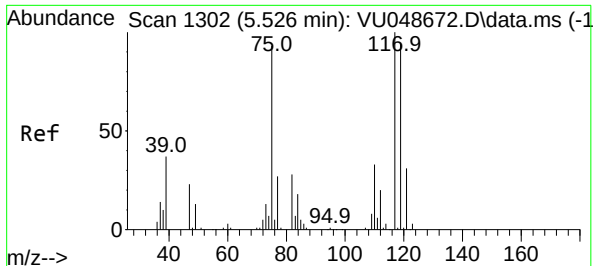
Ion Ratio Lower Upper

113 100

111 104.3 80.7 121.1

192 19.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.095 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU048941.D

Acq: 08 Jun 2022 04:11

Instrument :

MSVOA_U

ClientSampleId :

BRP-2-20220601

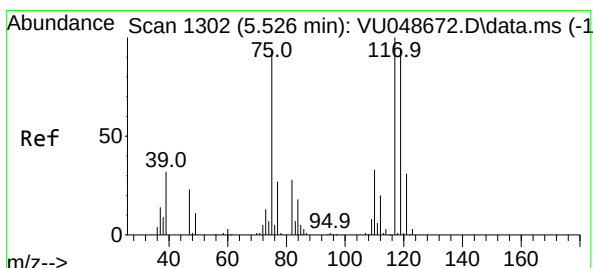
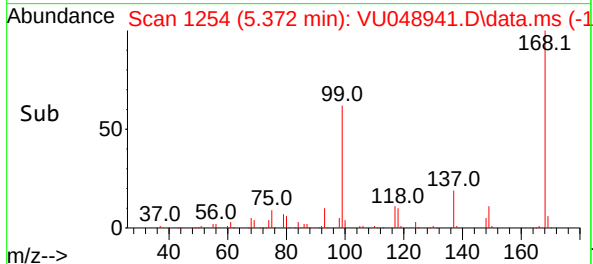
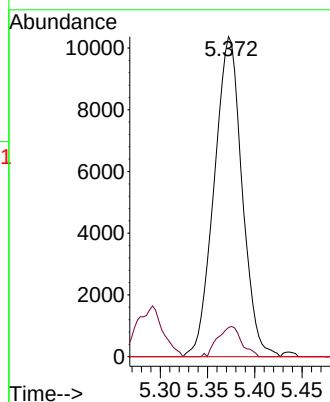
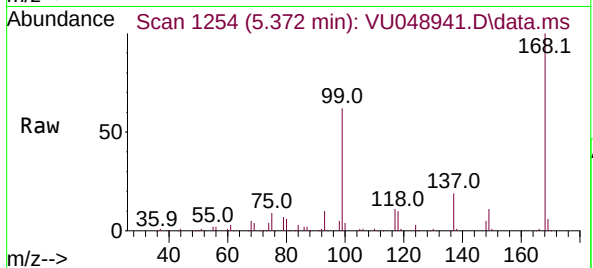
Tgt Ion: 75 Resp: 21279

Ion Ratio Lower Upper

75 100

110 8.0 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.539 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048941.D

Acq: 08 Jun 2022 04:11

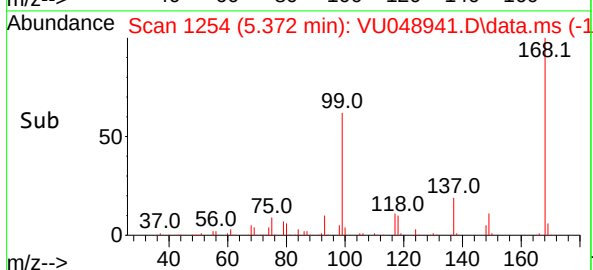
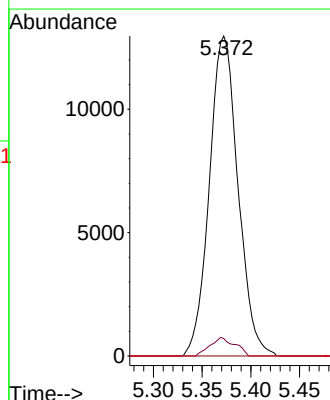
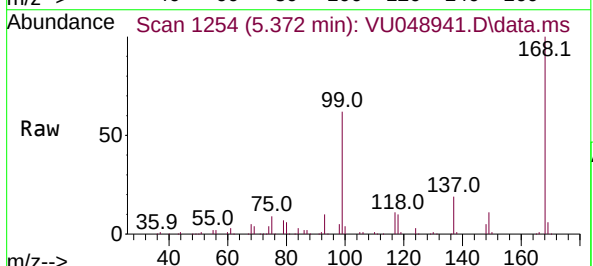
Tgt Ion: 117 Resp: 26538

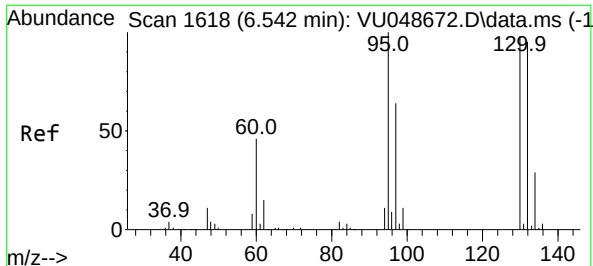
Ion Ratio Lower Upper

117 100

119 5.4 75.4 113.2#

121 0.0 24.6 36.8#

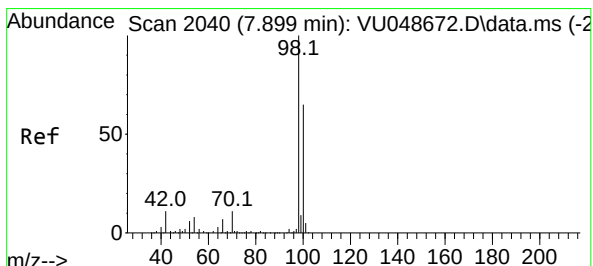
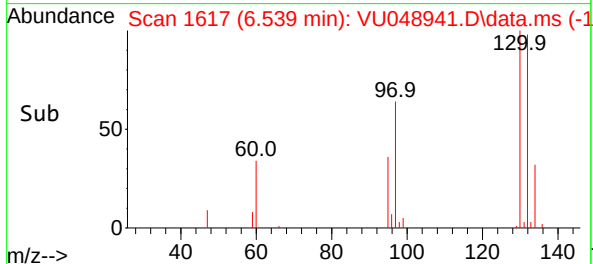
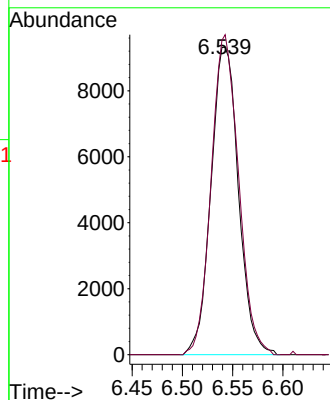
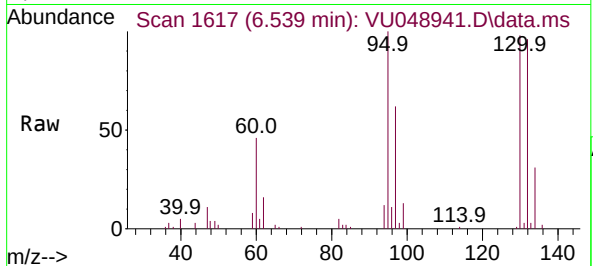




#44
Trichloroethene
Concen: 5.586 ug/l
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

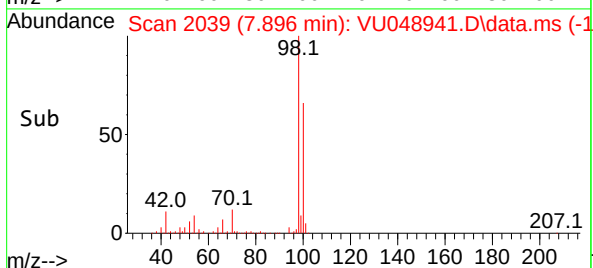
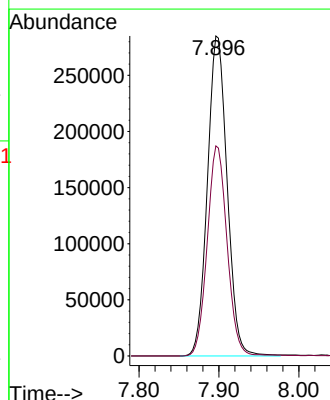
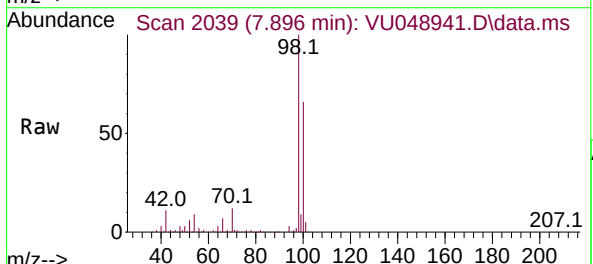
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

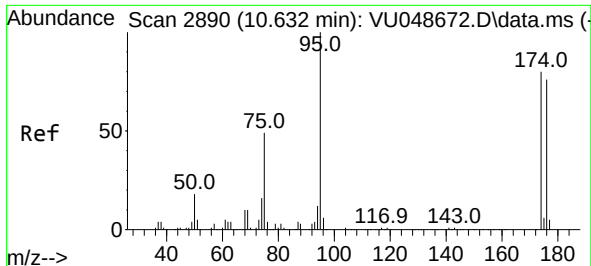
Tgt Ion:130 Resp: 17743
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.8



#50
Toluene-d8
Concen: 47.702 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 98 Resp: 489293
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4

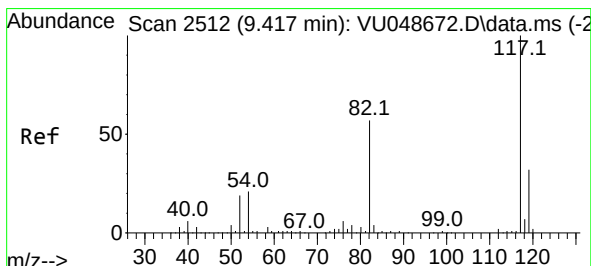
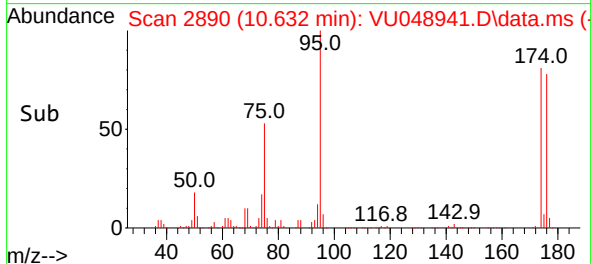
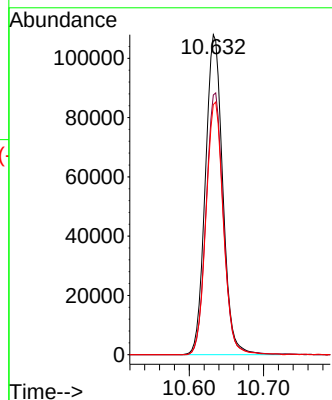
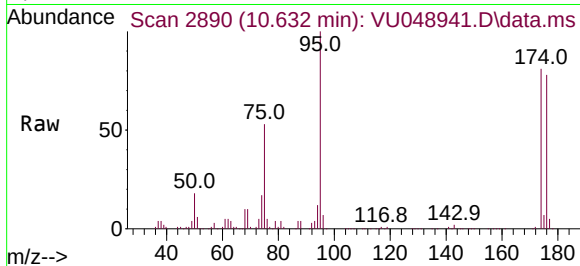




#62
4-Bromofluorobenzene
Concen: 45.152 ug/l
RT: 10.632 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

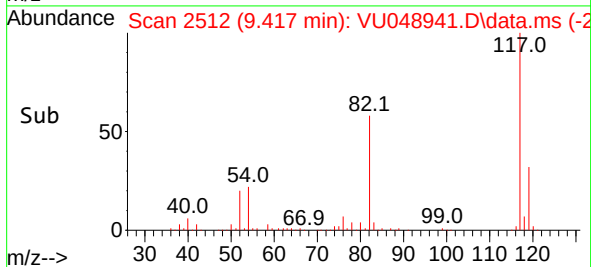
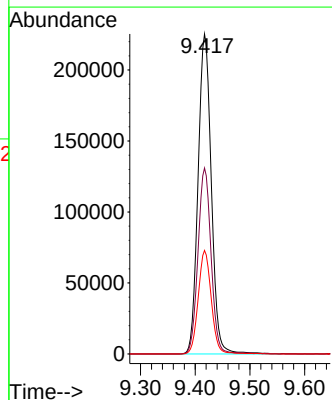
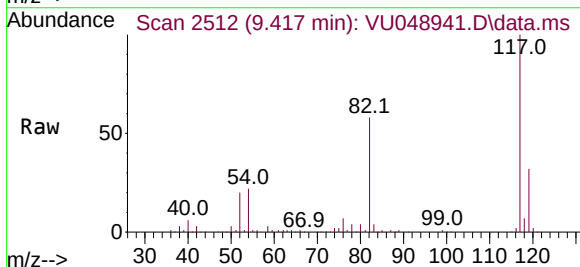
Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

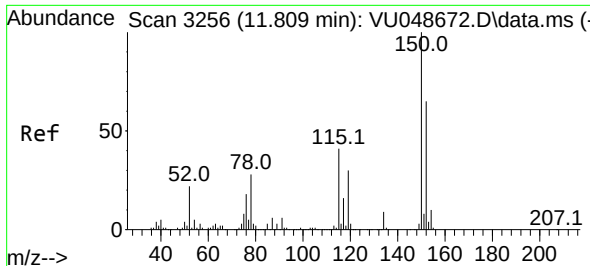
Tgt Ion: 95 Resp: 175155
Ion Ratio Lower Upper
95 100
174 81.4 0.0 159.4
176 78.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 117 Resp: 378554
Ion Ratio Lower Upper
117 100
82 58.1 45.3 67.9
119 32.4 25.4 38.2

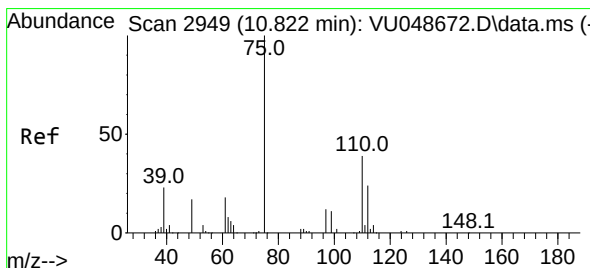
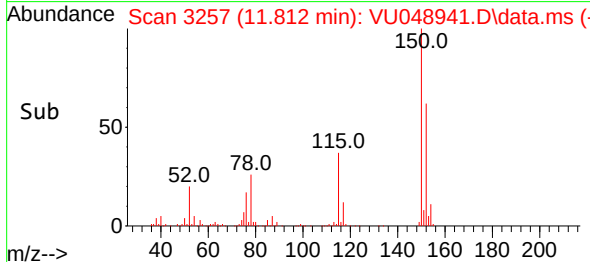
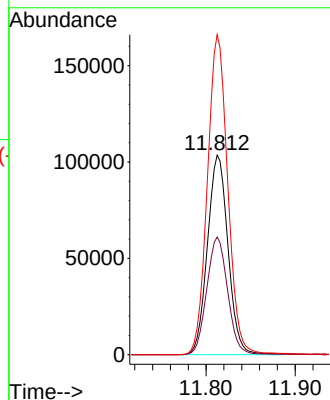
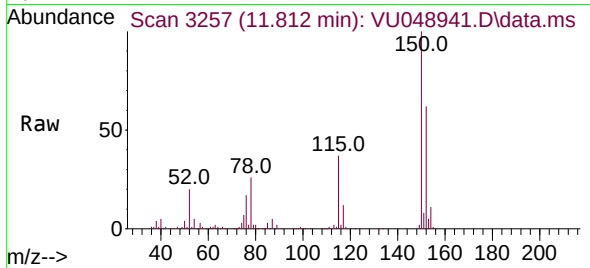




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048941.D
 Acq: 08 Jun 2022 04:11

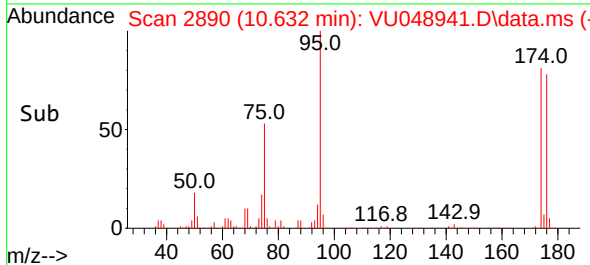
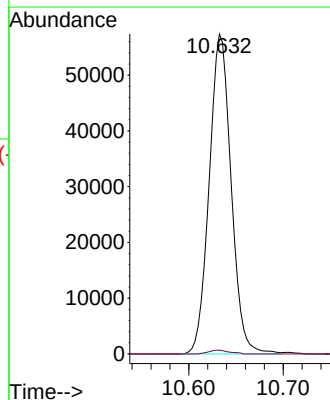
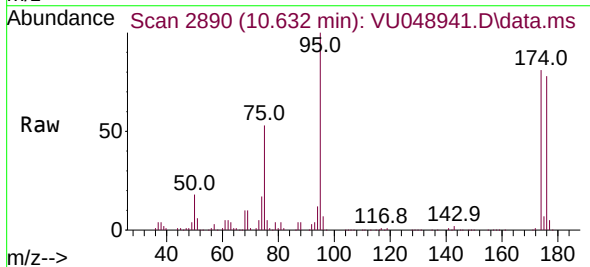
Instrument :
 MSVOA_U
 ClientSampleId :
 BRP-2-20220601

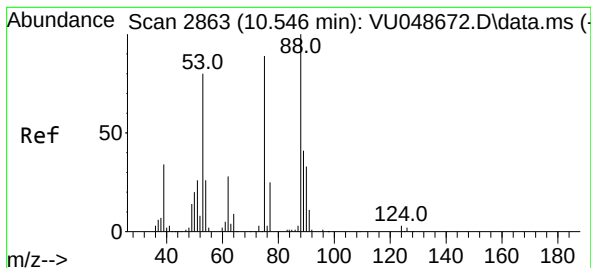
Tgt Ion:152 Resp: 166108
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.8 125.4
 150 158.9 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 17.251 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.190 min
 Lab File: VU048941.D
 Acq: 08 Jun 2022 04:11

Tgt Ion: 75 Resp: 92393
 Ion Ratio Lower Upper
 75 100
 77 1.1 14.8 44.3#

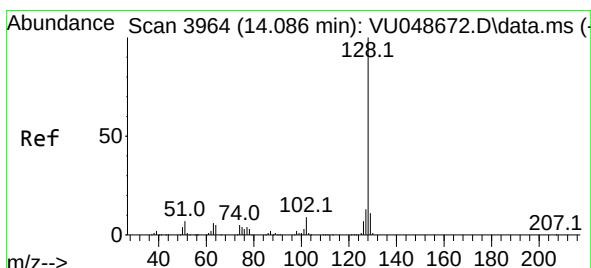
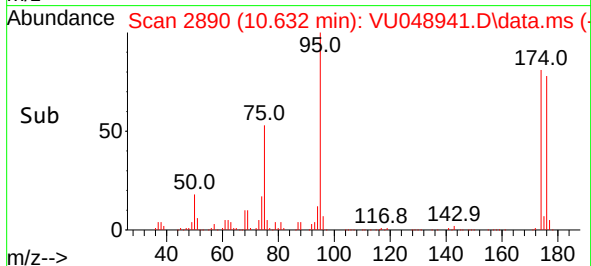
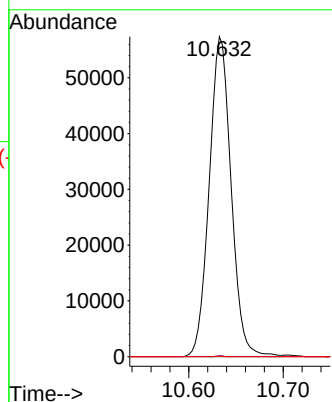
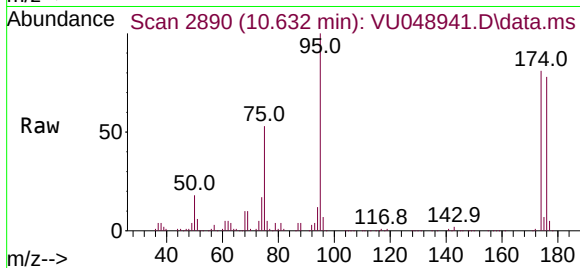




#81
trans-1,4-Dichloro-2-butene
Concen: 62.637 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Instrument :
MSVOA_U
ClientSampleId :
BRP-2-20220601

Tgt Ion: 75 Resp: 92393
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.549 ug/l
RT: 14.108 min Scan# 3971
Delta R.T. 0.022 min
Lab File: VU048941.D
Acq: 08 Jun 2022 04:11

Tgt Ion: 128 Resp: 225
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.7 13.1#

