

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044831.D
 Acq On : 25 Sep 2021 13:05
 Operator : SY/MD
 Sample : VU0925WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0925WBL01

Quant Time: Sep 27 01:29:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

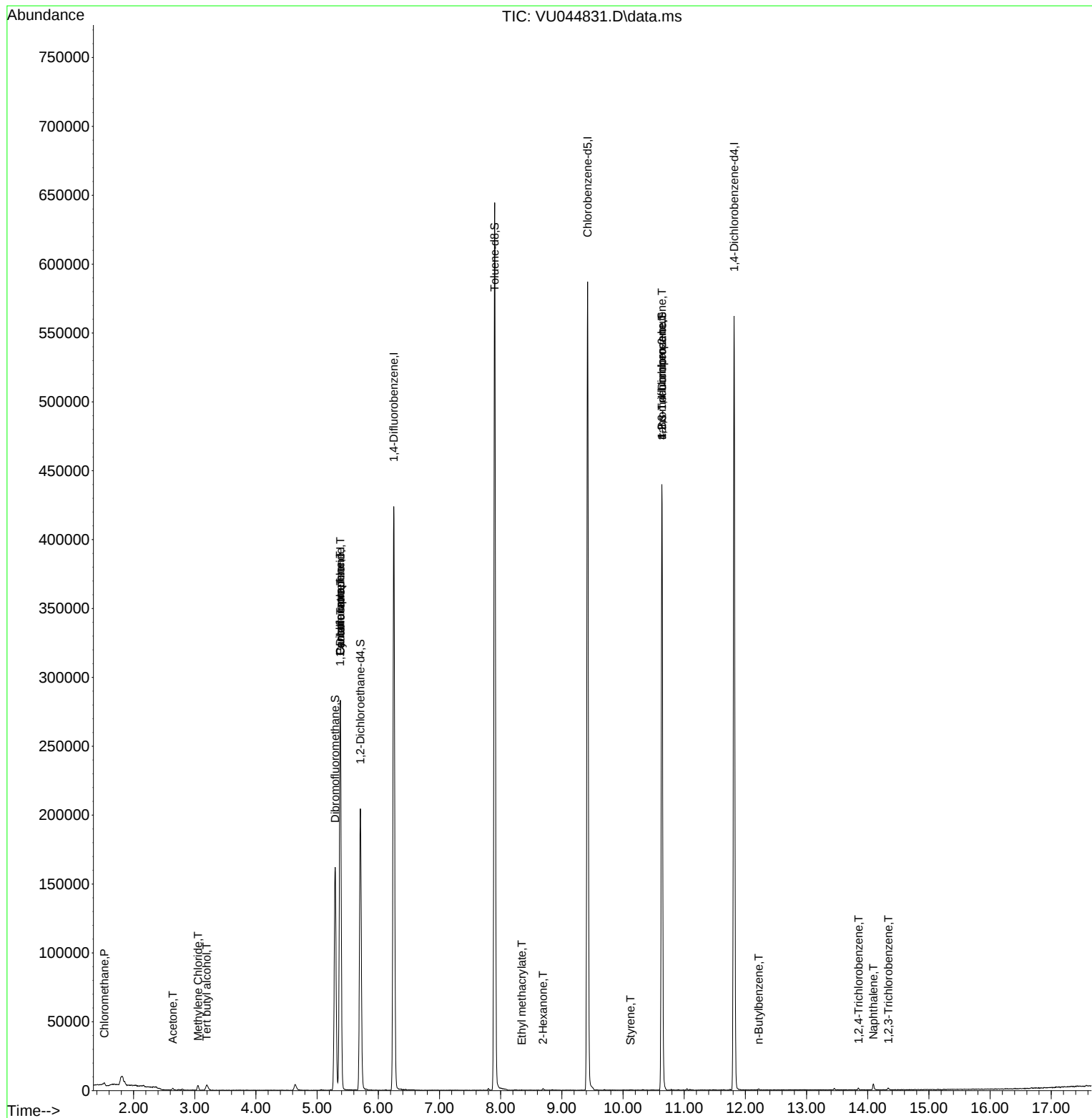
Internal Standards						
1) Pentafluorobenzene	5.378	168	181791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	322727	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	301046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	135765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	154890	48.819	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.640%	
35) Dibromofluoromethane	5.295	113	105003	47.428	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.860%	
50) Toluene-d8	7.902	98	410127	49.049	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.100%	
62) 4-Bromofluorobenzene	10.635	95	141596	45.592	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	905	0.274	ug/l	99
5) Bromomethane	1.858	94	730	Below Cal		82
6) Chloroethane	1.922	64	153	Below Cal	#	42
11) Tert butyl alcohol	3.195	59	3435	3.709	ug/l #	72
16) Acetone	2.642	43	1452	0.811	ug/l	99
20) Methylene Chloride	3.054	84	1813	0.626	ug/l	91
31) Cyclohexane	5.378	56	4819	1.058	ug/l #	16
36) 1,1-Dichloropropene	5.375	75	17610	5.143	ug/l #	49
38) Carbon Tetrachloride	5.378	117	19106	6.241	ug/l #	16
56) Ethyl methacrylate	8.346	69	23	1.890	ug/l #	24
59) 2-Hexanone	8.690	43	1050	0.261	ug/l	81
70) Styrene	10.121	104	130	1.028	ug/l #	25
76) 1,2,3-Trichloropropane	10.635	75	78557	19.108	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	78557	61.900	ug/l #	9
89) n-Butylbenzene	12.221	91	517	1.335	ug/l #	76
93) 1,2,4-Trichlorobenzene	13.851	180	583	0.223	ug/l #	88
95) Naphthalene	14.092	128	4148	1.334	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.340	180	632	0.238	ug/l #	77

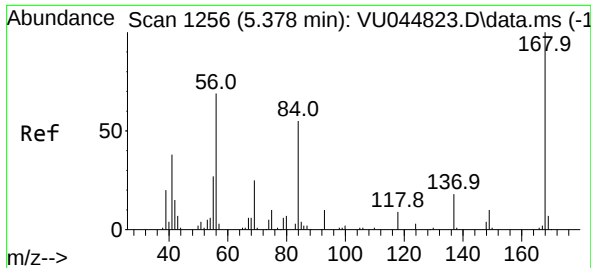
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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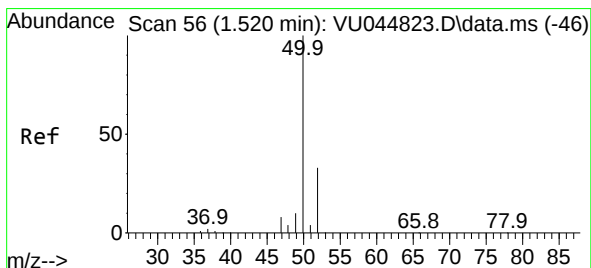
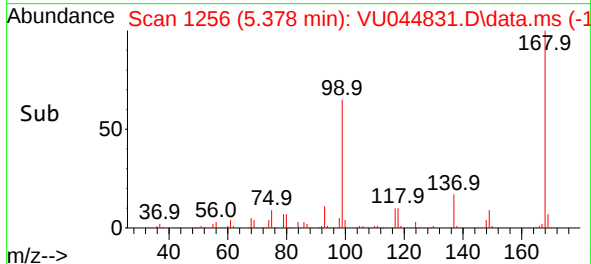
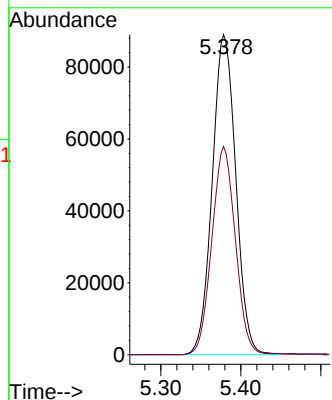
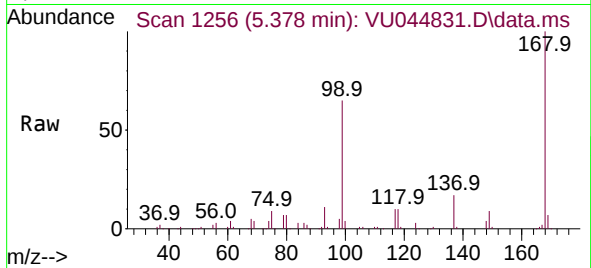




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

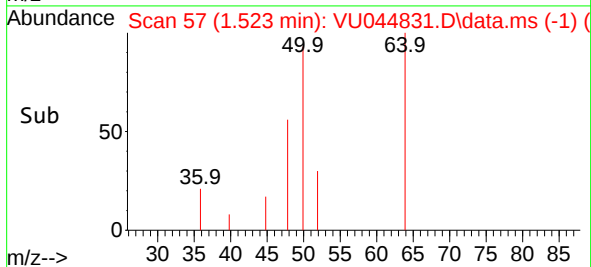
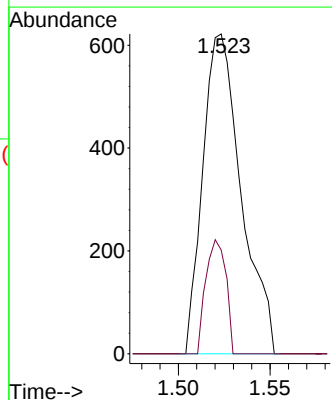
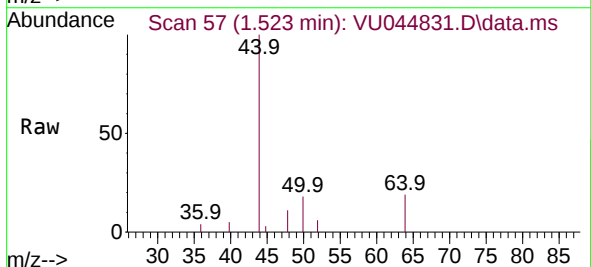
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

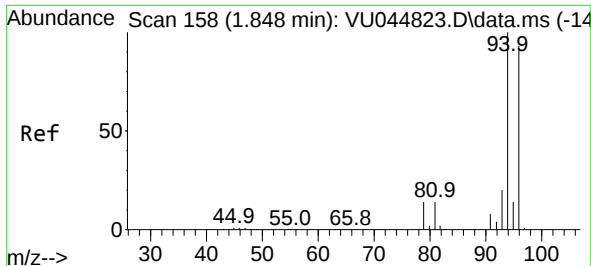
Tgt Ion:168 Resp: 181791
Ion Ratio Lower Upper
168 100
99 65.0 51.4 77.0



#3
Chloromethane
Concen: 0.274 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Tgt Ion: 50 Resp: 905
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5

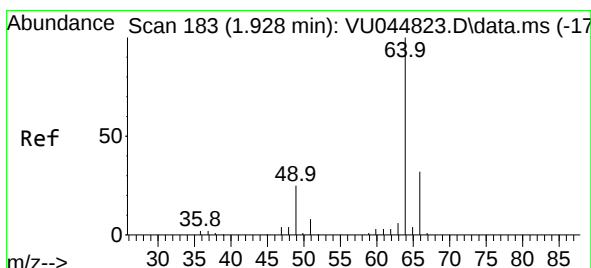
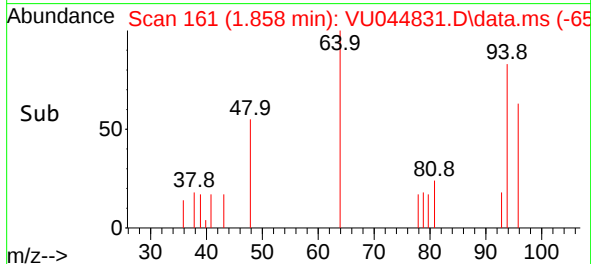
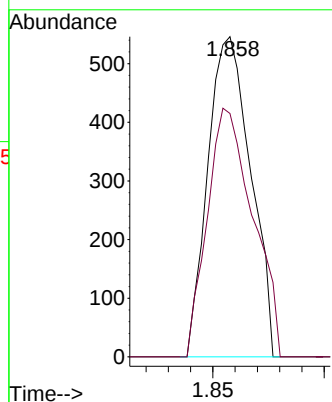
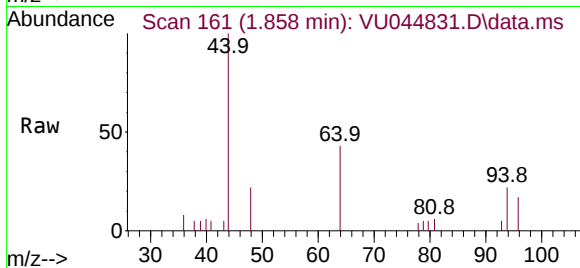




#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 161
Delta R.T. 0.010 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

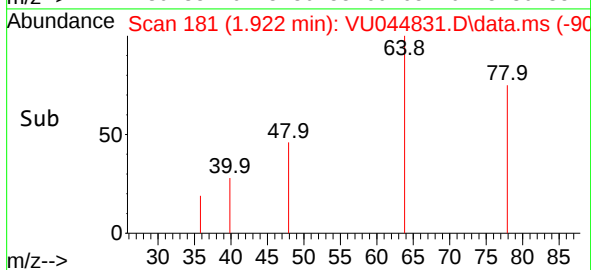
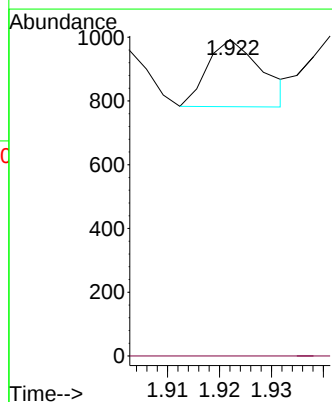
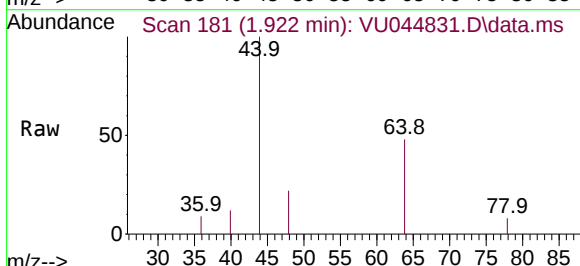
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

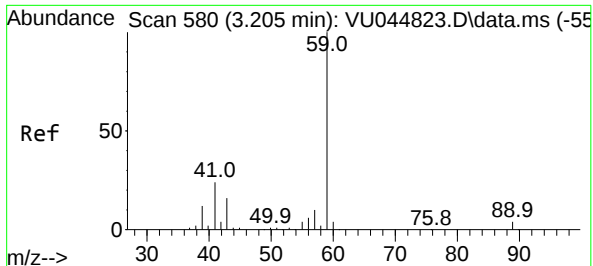
Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 76.0 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.922 min Scan# 181
Delta R.T. -0.006 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Tgt Ion: 64 Resp: 153
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



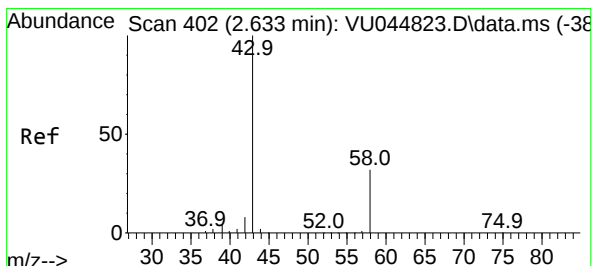
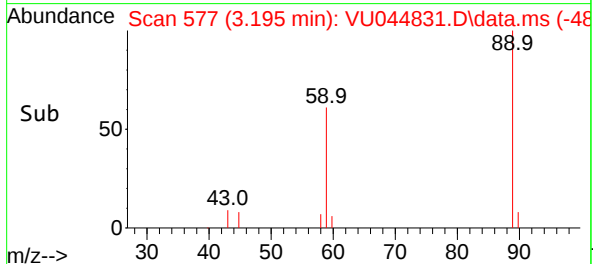
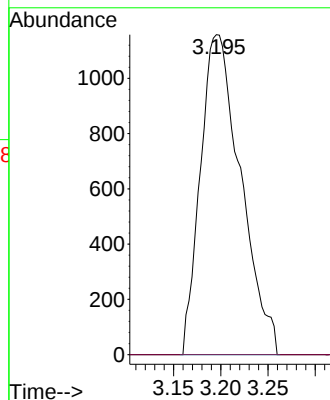
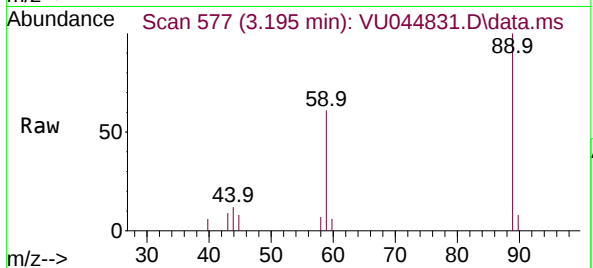


#11

Tert butyl alcohol
Concen: 3.709 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.010 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

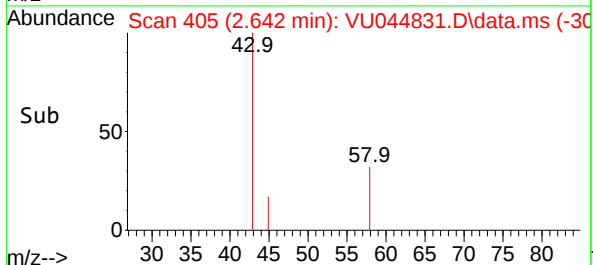
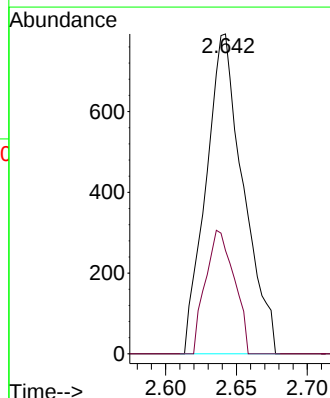
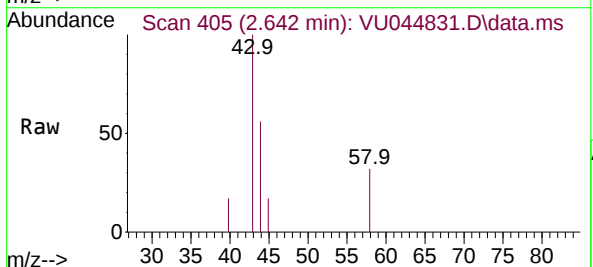
Tgt Ion: 59 Resp: 3435
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

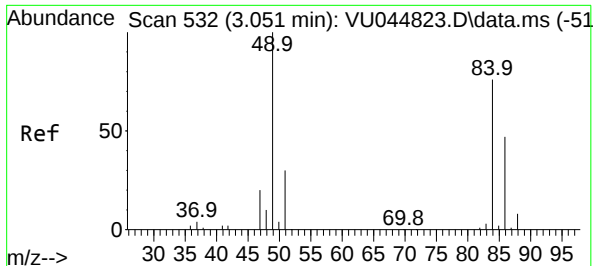


#16

Acetone
Concen: 0.811 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.010 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
58 32.3 25.2 37.8





#20

Methylene Chloride

Concen: 0.626 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU044831.D

Acq: 25 Sep 2021 13:05

Tgt Ion: 84 Resp: 1813

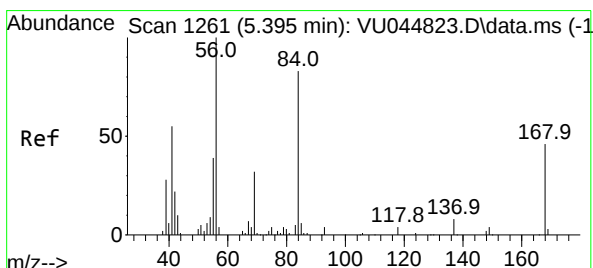
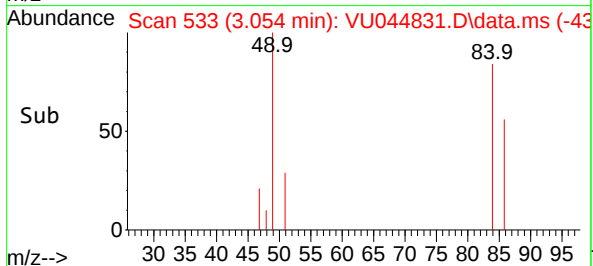
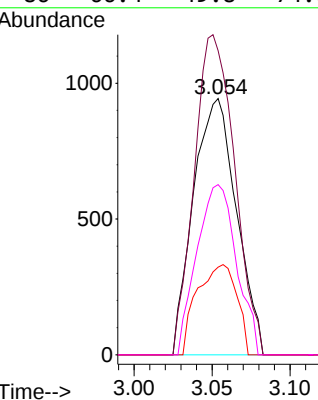
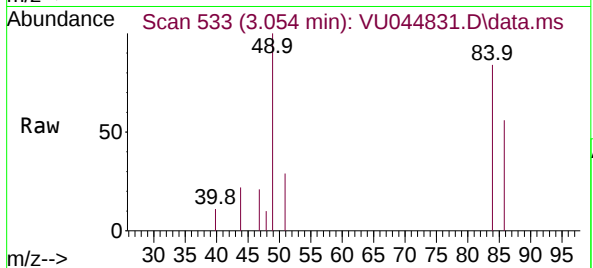
Ion Ratio Lower Upper

84 100

49 118.6 104.9 157.3

51 34.2 31.8 47.8

86 66.4 49.8 74.6



#31

Cyclohexane

Concen: 1.058 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU044831.D

Acq: 25 Sep 2021 13:05

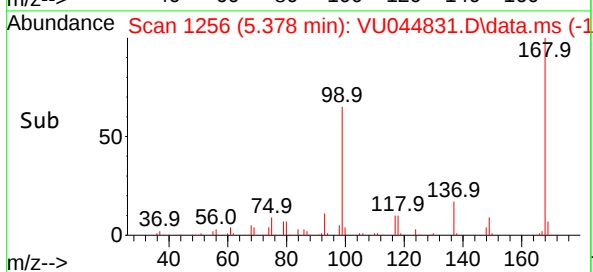
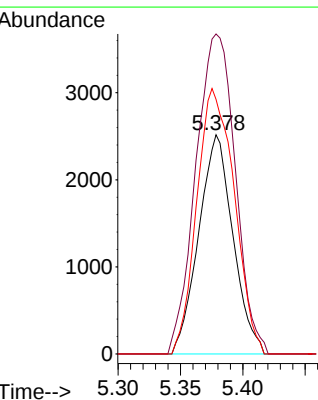
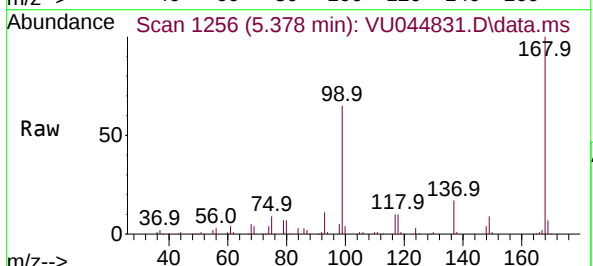
Tgt Ion: 56 Resp: 4819

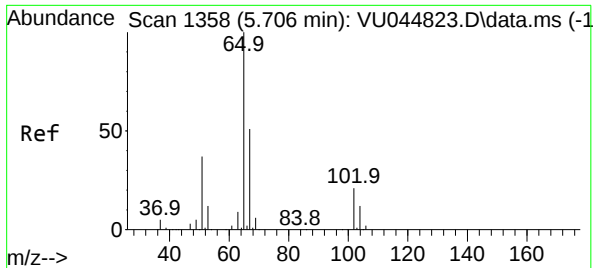
Ion Ratio Lower Upper

56 100

69 145.9 25.2 37.8#

84 116.1 66.4 99.6#

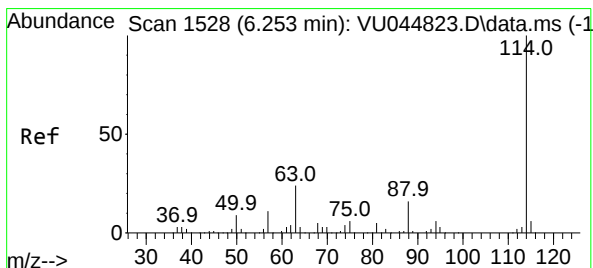
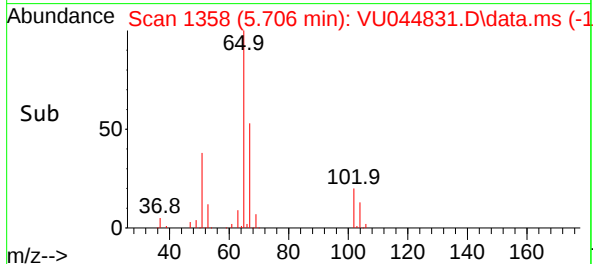
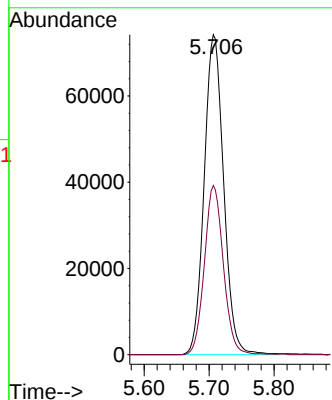
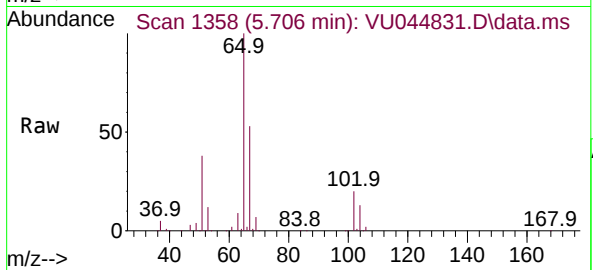




#33
 1,2-Dichloroethane-d4
 Concen: 48.819 ug/l
 RT: 5.706 min Scan# 1358
 Delta R.T. -0.000 min
 Lab File: VU044831.D
 Acq: 25 Sep 2021 13:05

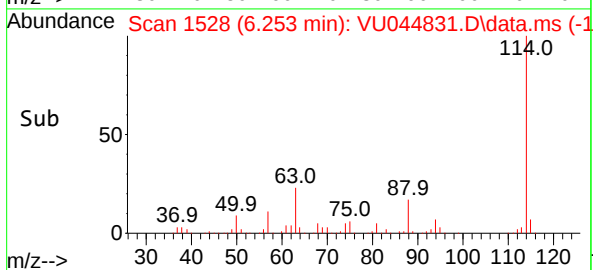
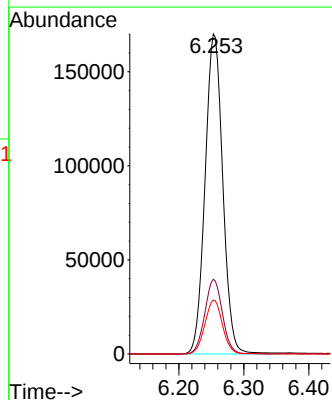
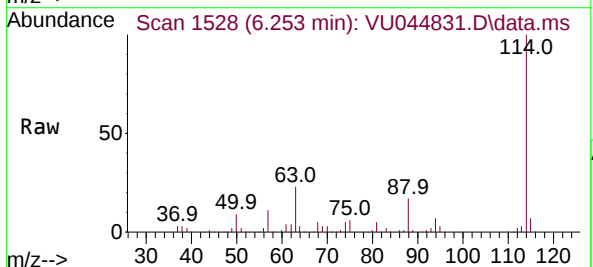
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0925WBL01

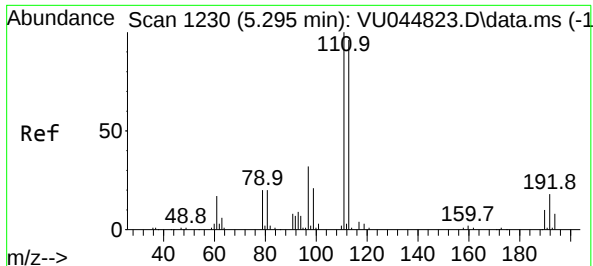
Tgt Ion: 65 Resp: 154890
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.253 min Scan# 1528
 Delta R.T. -0.000 min
 Lab File: VU044831.D
 Acq: 25 Sep 2021 13:05

Tgt Ion: 114 Resp: 322727
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.8
 88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.428 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU044831.D

Acq: 25 Sep 2021 13:05

Instrument :

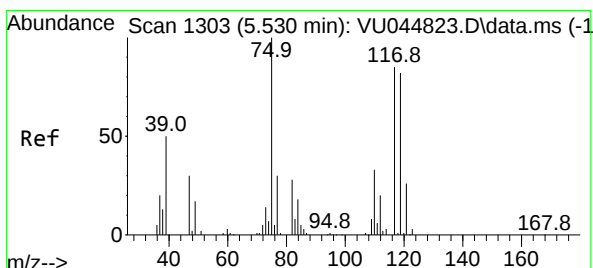
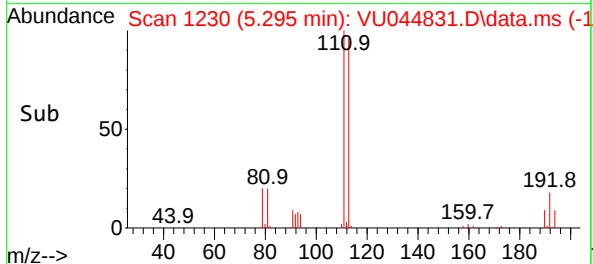
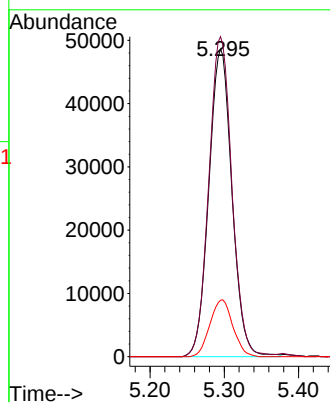
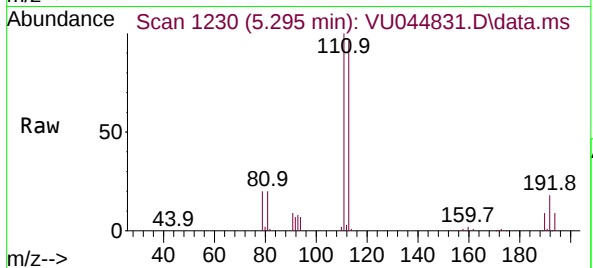
MSVOA_U

ClientSampleId :

VU0925WBL01

Tgt Ion:113 Resp: 105003

Ion	Ratio	Lower	Upper
113	100		
111	104.0	84.1	126.1
192	18.4	14.8	22.2



#36

1,1-Dichloropropene

Concen: 5.143 ug/l

RT: 5.375 min Scan# 1255

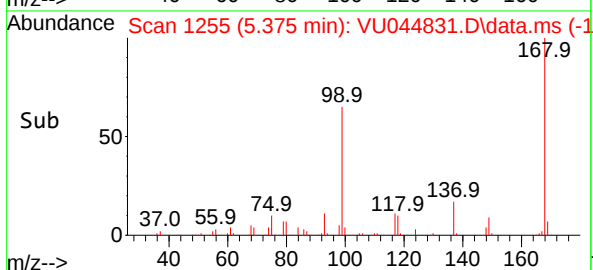
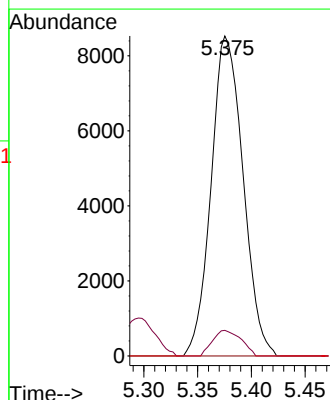
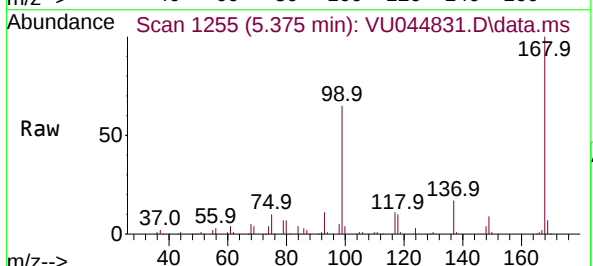
Delta R.T. -0.154 min

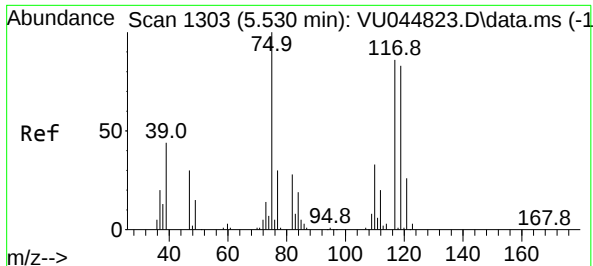
Lab File: VU044831.D

Acq: 25 Sep 2021 13:05

Tgt Ion: 75 Resp: 17610

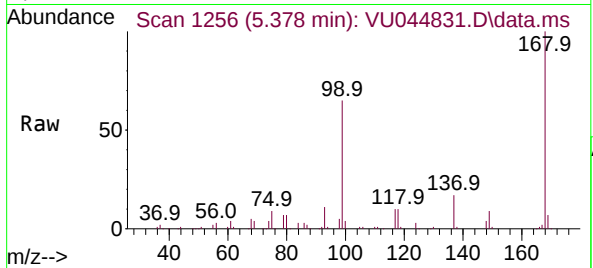
Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.3	48.9#
77	0.0	25.0	37.4#



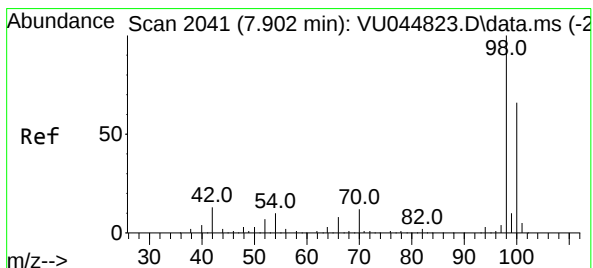
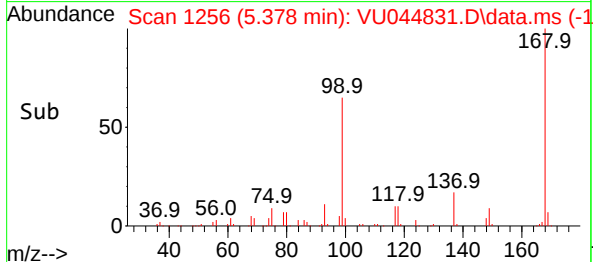
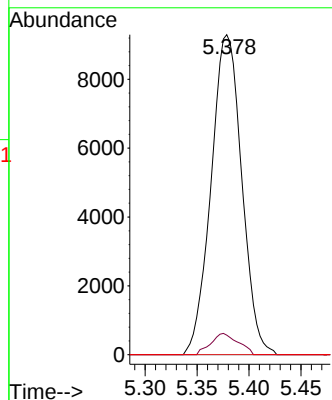


#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

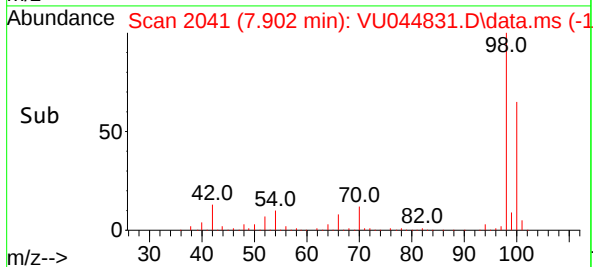
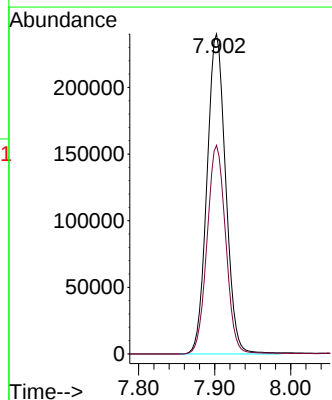
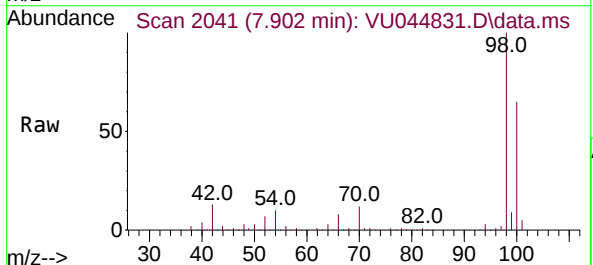


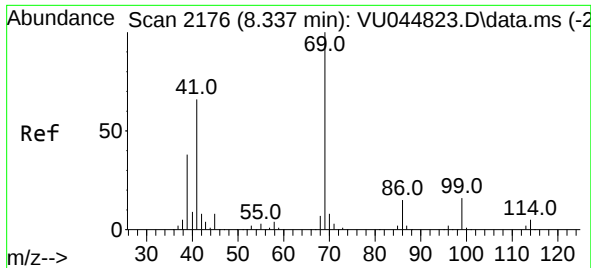
Tgt Ion: 117 Resp: 19106
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.049 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Tgt Ion: 98 Resp: 410127
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

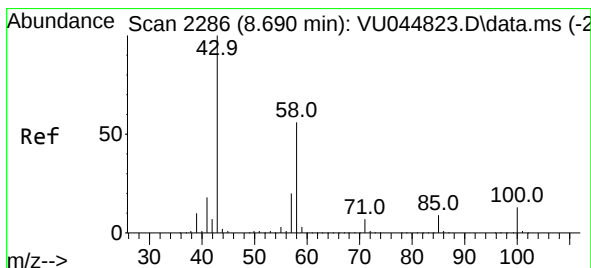
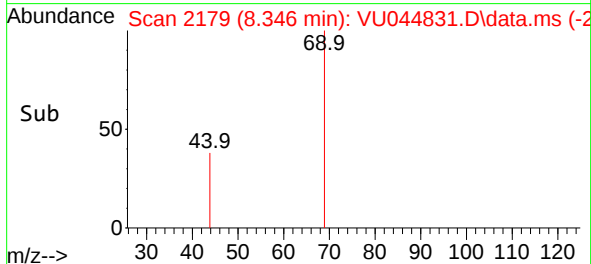
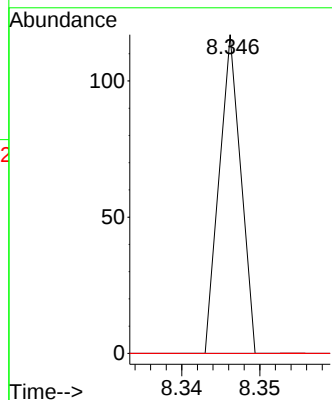
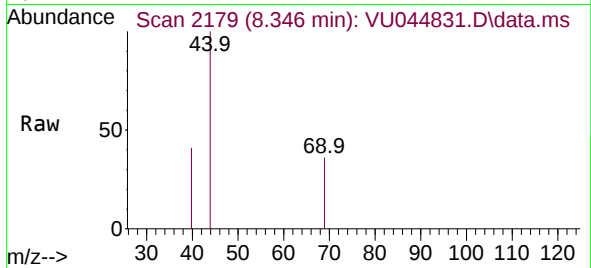




#56
Ethyl methacrylate
Concen: 1.890 ug/l
RT: 8.346 min Scan# 2179
Delta R.T. 0.009 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

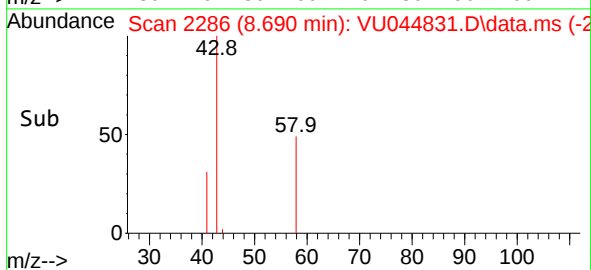
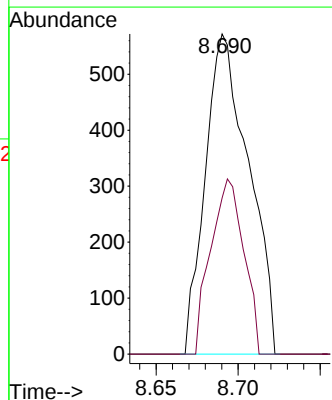
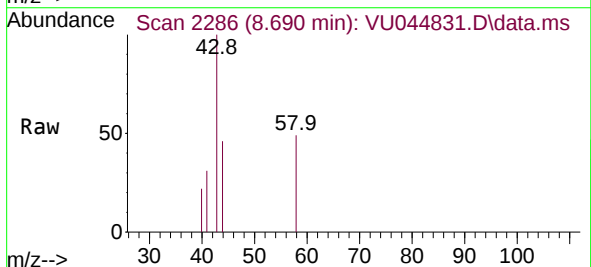
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

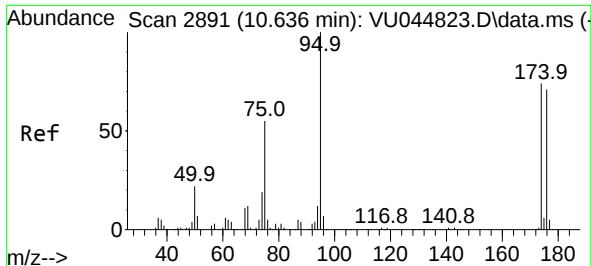
Tgt Ion: 69 Resp: 23
Ion Ratio Lower Upper
69 100
41 0.0 53.5 80.3#
39 0.0 31.1 46.7#



#59
2-Hexanone
Concen: 0.261 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 41.8 28.0 84.0

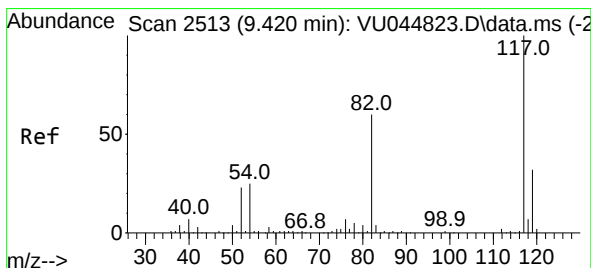
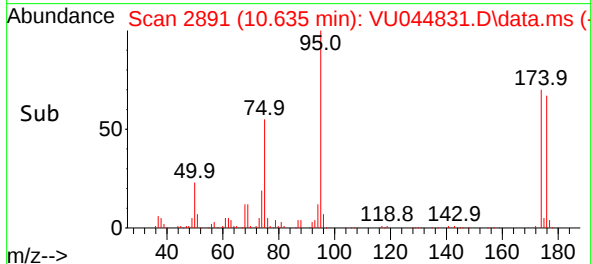
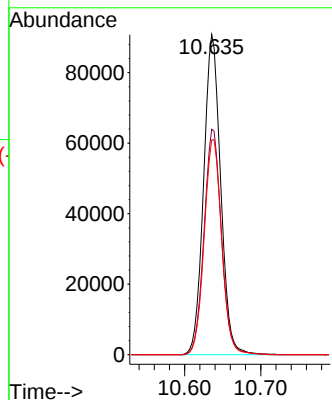
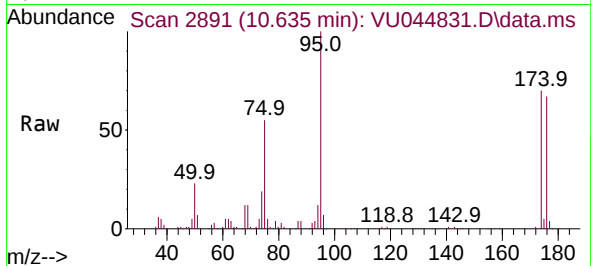




#62
4-Bromofluorobenzene
Concen: 45.592 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

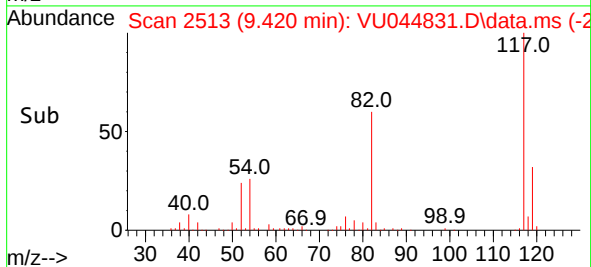
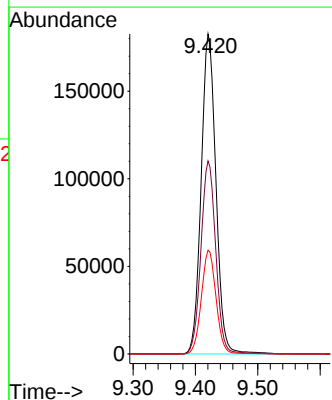
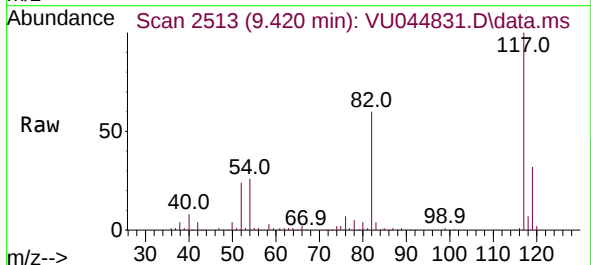
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

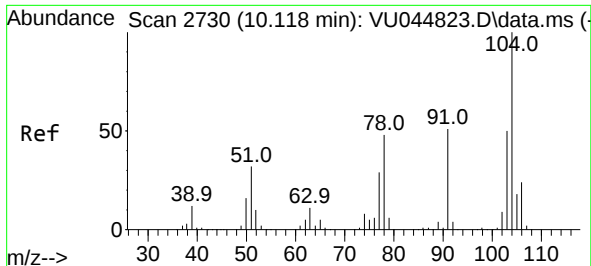
Tgt Ion: 95 Resp: 141596
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.6
176 68.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Tgt Ion: 117 Resp: 301046
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 32.4 25.8 38.6

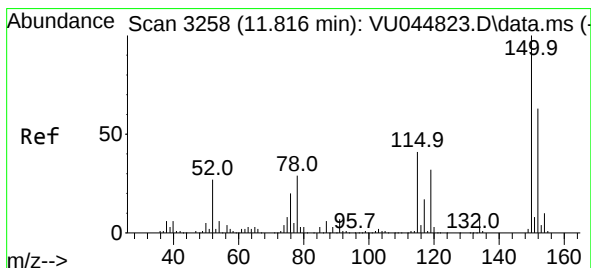
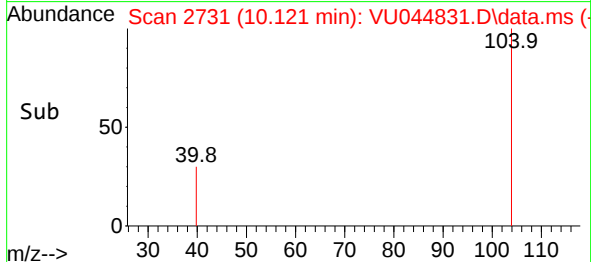
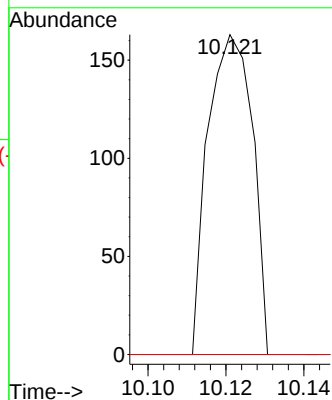
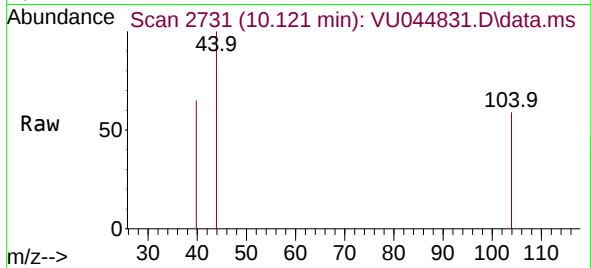




#70
Styrene
Concen: 1.028 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

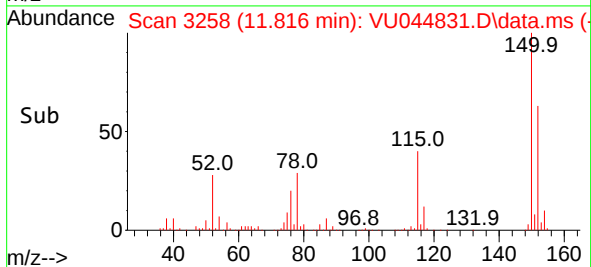
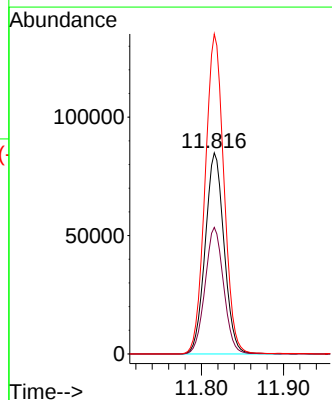
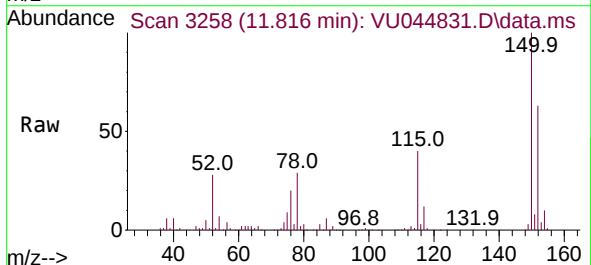
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

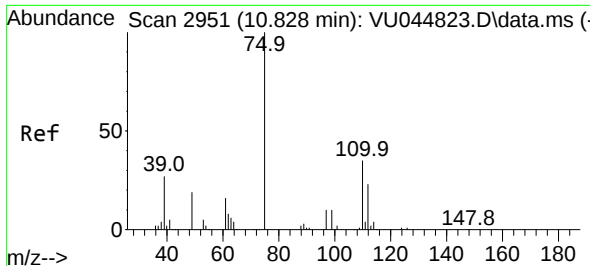
Tgt Ion:104 Resp: 130
Ion Ratio Lower Upper
104 100
78 0.0 41.4 62.0#
103 0.0 43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Tgt Ion:152 Resp: 135765
Ion Ratio Lower Upper
152 100
115 62.0 43.5 130.7
150 157.9 0.0 350.0

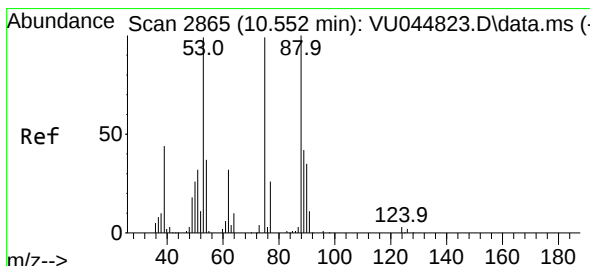
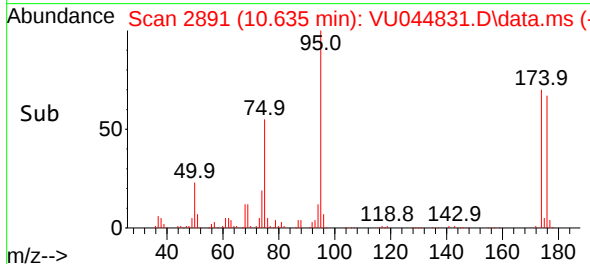
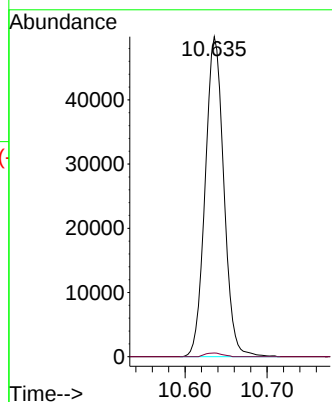
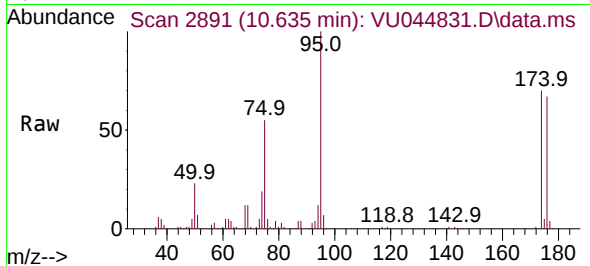




#76
1,2,3-Trichloropropane
Concen: 19.108 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

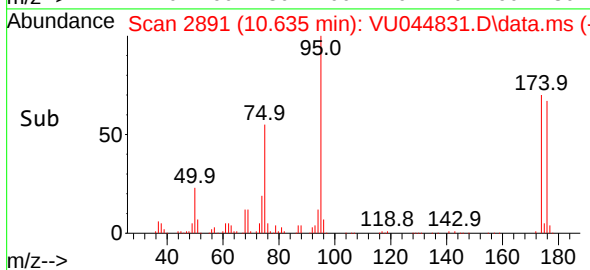
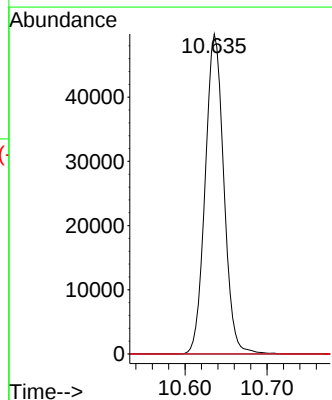
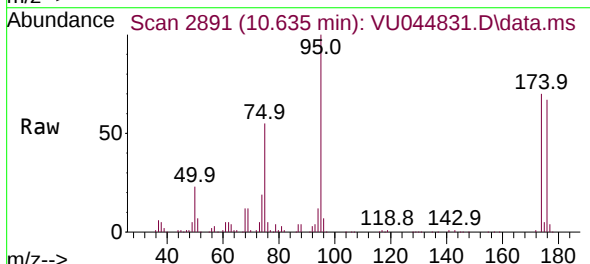
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

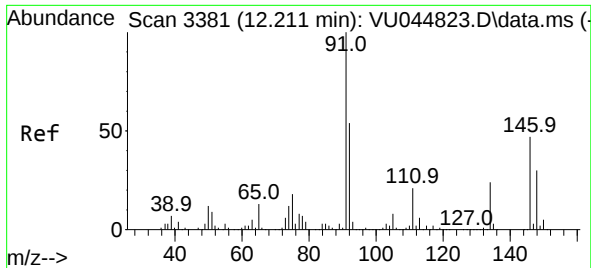
Tgt Ion: 75 Resp: 78557
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.900 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

Tgt Ion: 75 Resp: 78557
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

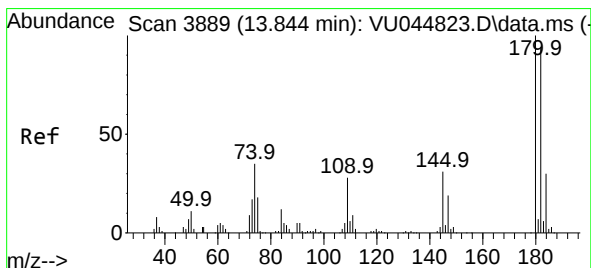
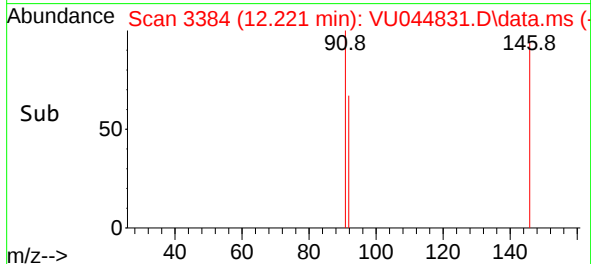
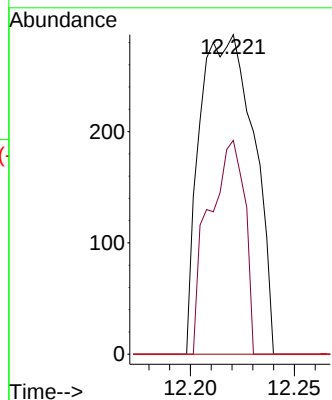
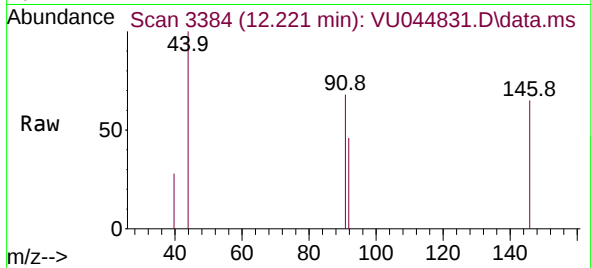




#89
n-Butylbenzene
Concen: 1.335 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.010 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

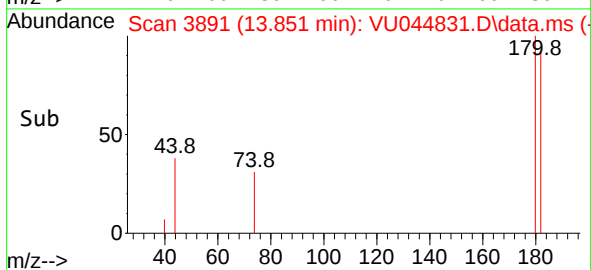
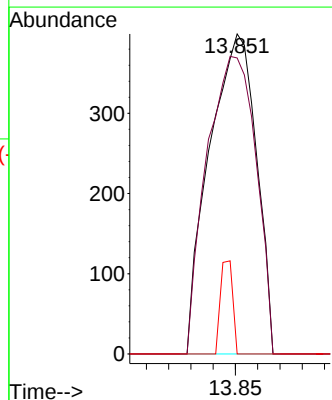
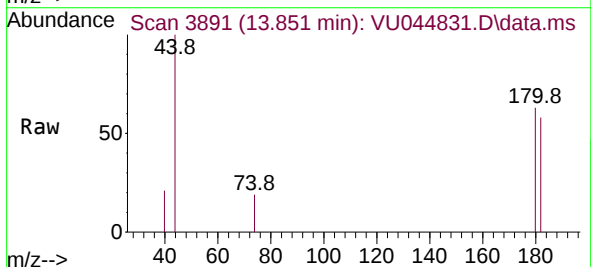
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01

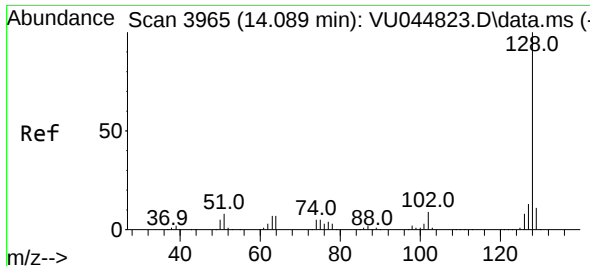
Tgt Ion: 91 Resp: 517
Ion Ratio Lower Upper
91 100
92 44.5 26.8 80.4
134 0.0 11.8 35.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.006 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

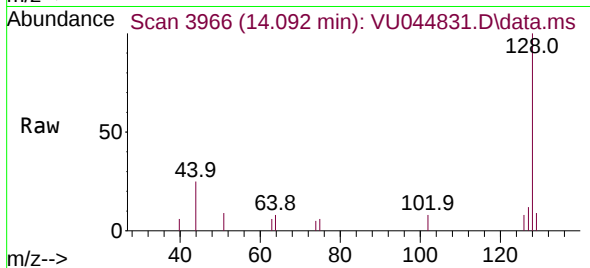
Tgt Ion:180 Resp: 583
Ion Ratio Lower Upper
180 100
182 97.4 47.4 142.3
145 7.5 15.4 46.2#



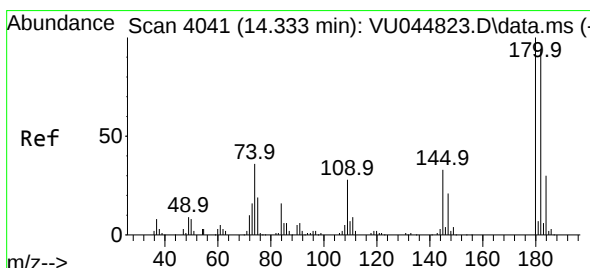
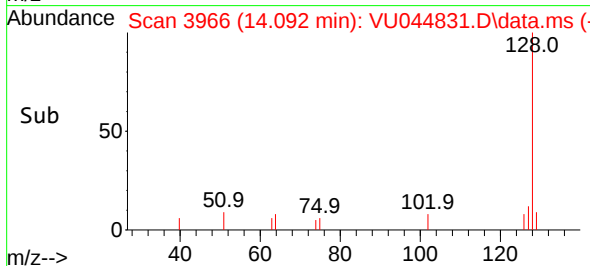
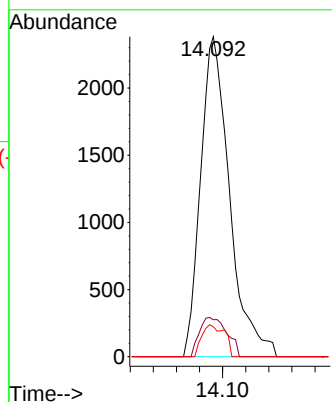


#95
Naphthalene
Concen: 1.334 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05

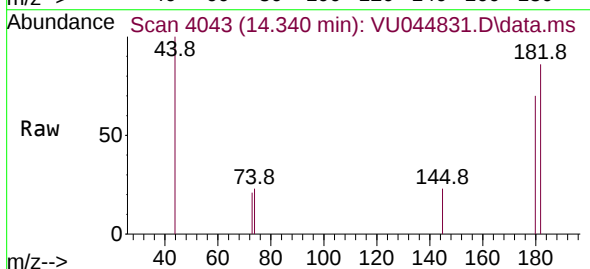
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL01



Tgt Ion:128 Resp: 4148
Ion Ratio Lower Upper
128 100
127 11.6 10.4 15.6
129 7.8 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.238 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.006 min
Lab File: VU044831.D
Acq: 25 Sep 2021 13:05



Tgt Ion:180 Resp: 632
Ion Ratio Lower Upper
180 100
182 112.3 47.1 141.4
145 11.9 16.4 49.2#

