

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044858.D
 Acq On : 26 Sep 2021 00:22
 Operator : SY/MD
 Sample : VU0925WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0925WBL02

Quant Time: Sep 27 02:52:57 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)

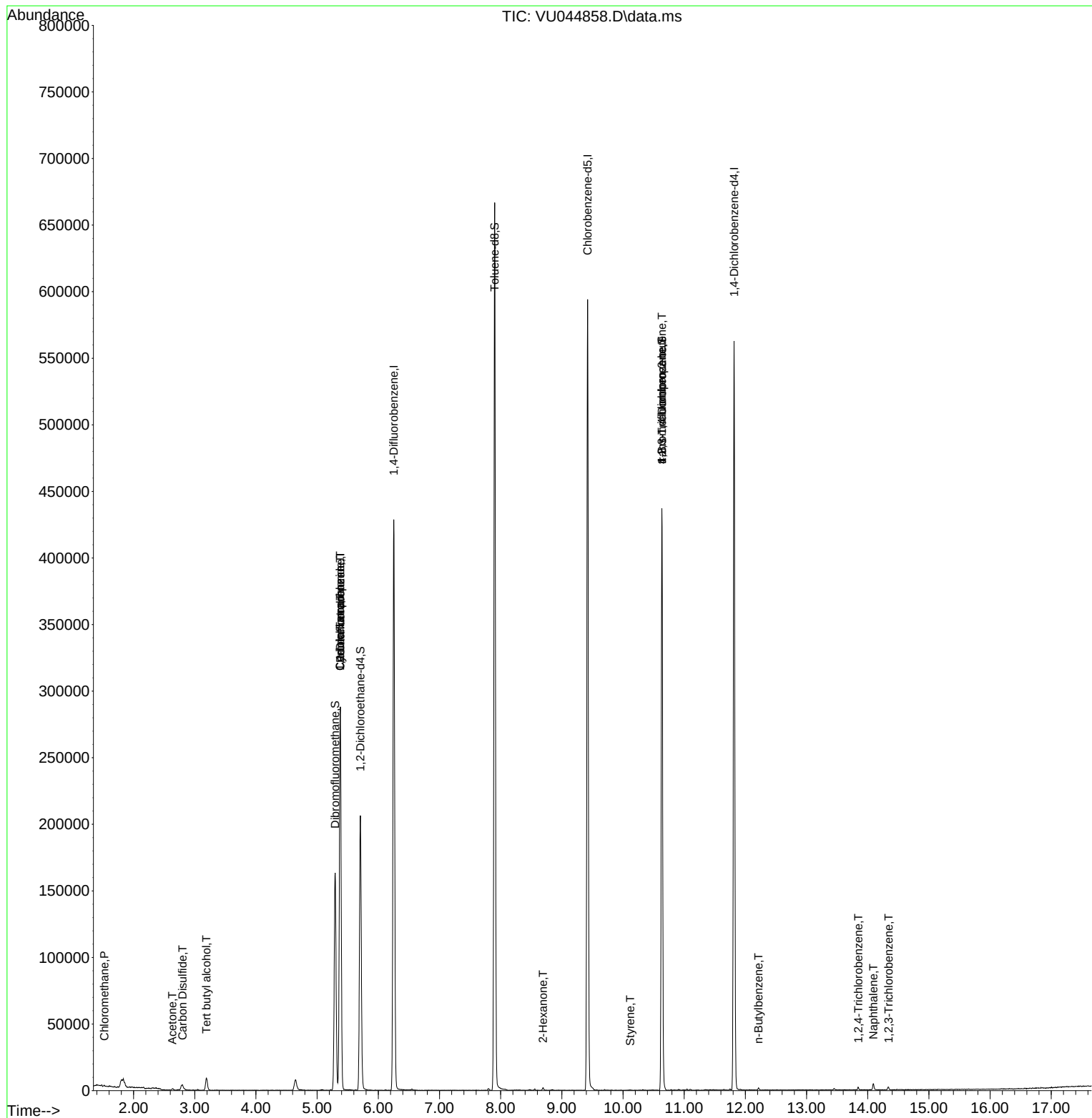
Internal Standards						
1) Pentafluorobenzene	5.379	168	184672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	326106	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	306497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	133823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	156179	48.457	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.920%	
35) Dibromofluoromethane	5.295	113	105169	47.010	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.020%	
50) Toluene-d8	7.903	98	420785	49.802	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.600%	
62) 4-Bromofluorobenzene	10.636	95	142640	45.453	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	749	0.223	ug/l #	88
5) Bromomethane	1.855	94	1079	Below Cal		88
6) Chloroethane	1.935	64	24	Below Cal	#	42
11) Tert butyl alcohol	3.189	59	5976	6.353	ug/l #	72
16) Acetone	2.633	43	1329	0.731	ug/l #	80
17) Carbon Disulfide	2.800	76	1273	0.204	ug/l #	75
31) Cyclohexane	5.375	56	5079	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	17739	5.127	ug/l #	50
38) Carbon Tetrachloride	5.375	117	19965	6.454	ug/l #	16
59) 2-Hexanone	8.690	43	1405	0.346	ug/l	87
70) Styrene	10.118	104	170	1.032	ug/l #	25
76) 1,2,3-Trichloropropane	10.636	75	77323	19.081	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	77323	61.812	ug/l #	9
89) n-Butylbenzene	12.214	91	793	1.367	ug/l #	72
93) 1,2,4-Trichlorobenzene	13.844	180	809	0.314	ug/l	83
95) Naphthalene	14.092	128	4521	1.375	ug/l	97
96) 1,2,3-Trichlorobenzene	14.343	180	819	0.312	ug/l	92

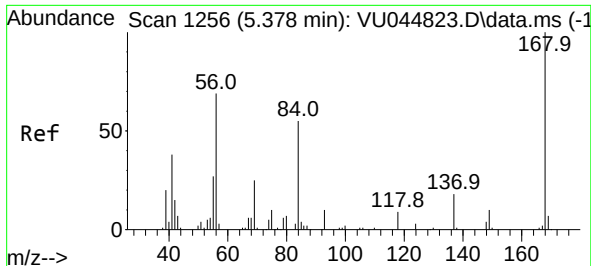
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 27 02:52:57 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

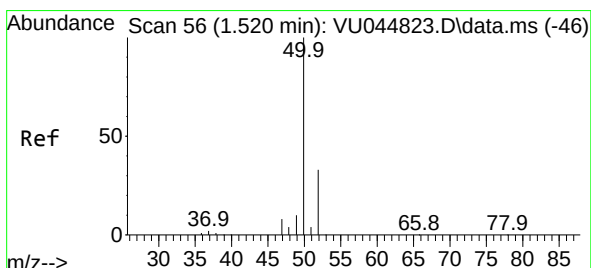
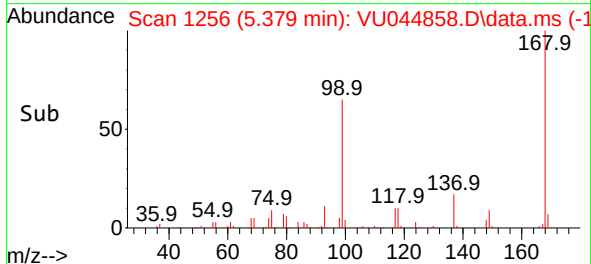
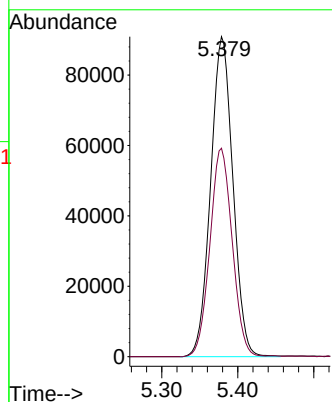
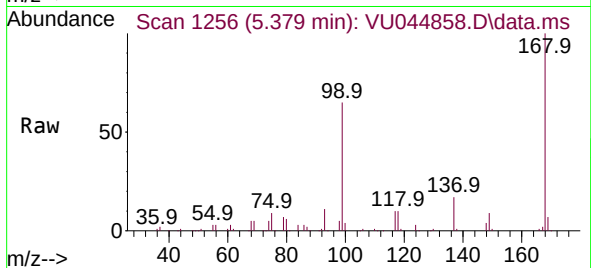




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

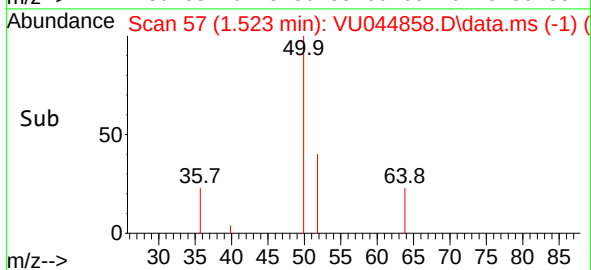
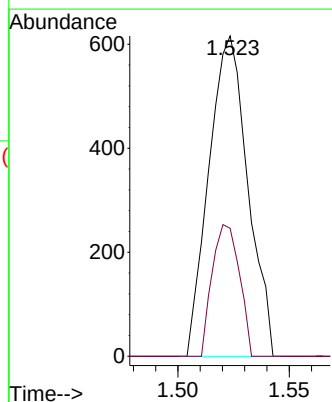
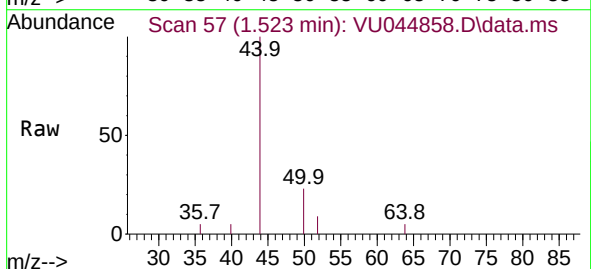
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

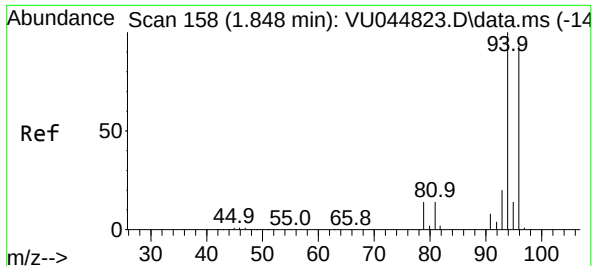
Tgt Ion:168 Resp: 184672
Ion Ratio Lower Upper
168 100
99 65.1 51.4 77.0



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 39.9 26.3 39.5#

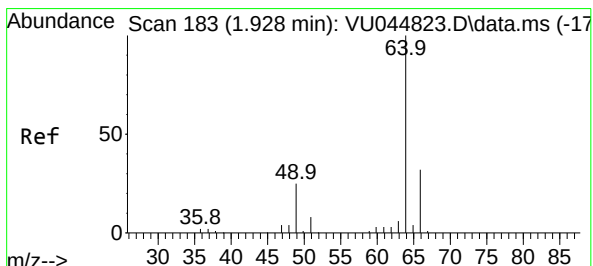
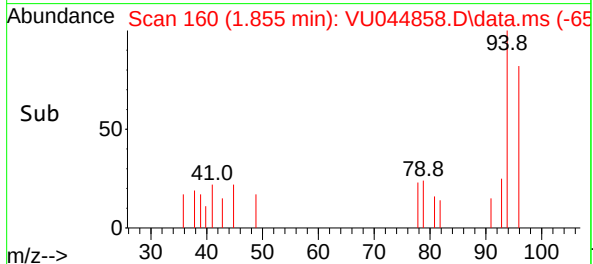
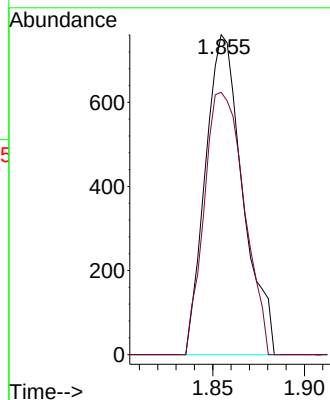
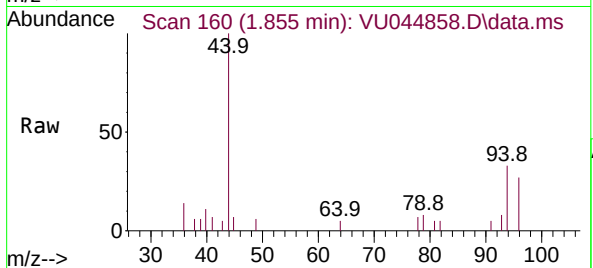




#5
Bromomethane
Concen: Below Cal
RT: 1.855 min Scan# 160
Delta R.T. 0.007 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

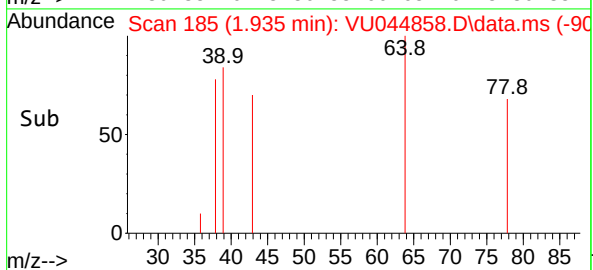
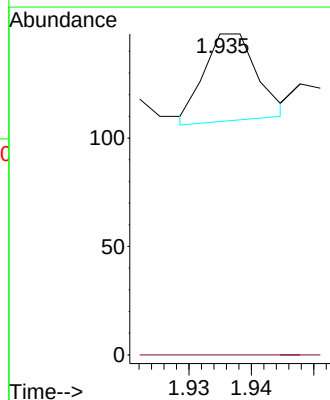
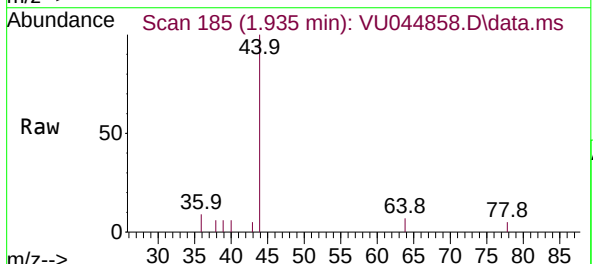
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

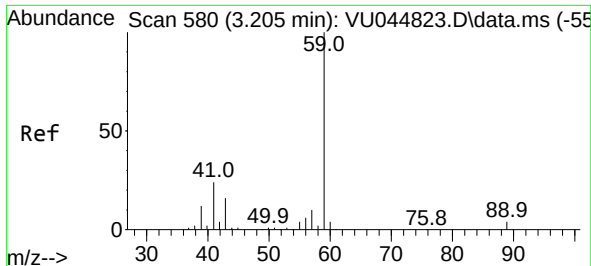
Tgt Ion: 94 Resp: 1079
Ion Ratio Lower Upper
94 100
96 82.0 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.007 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

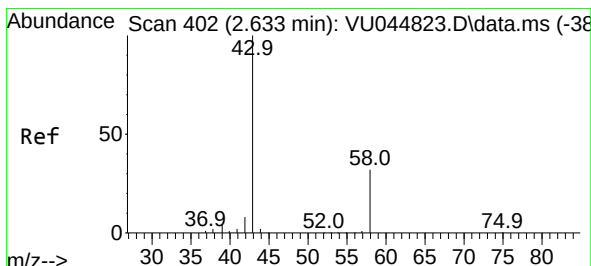
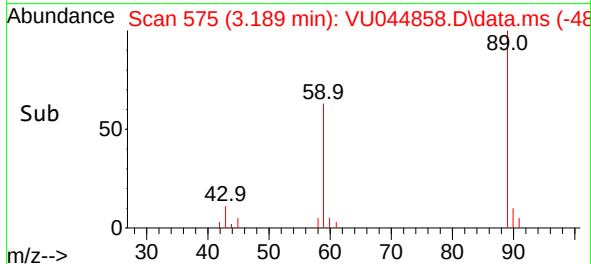
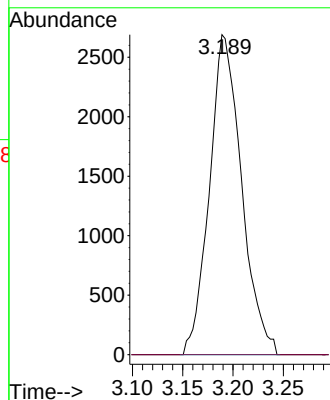
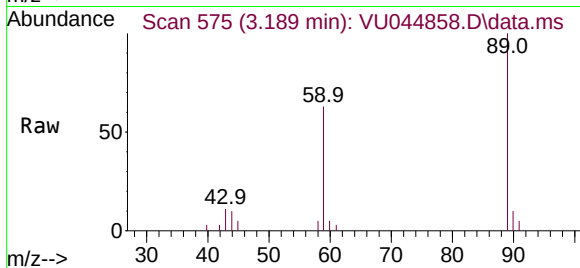




#11
Tert butyl alcohol
Concen: 6.353 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.016 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

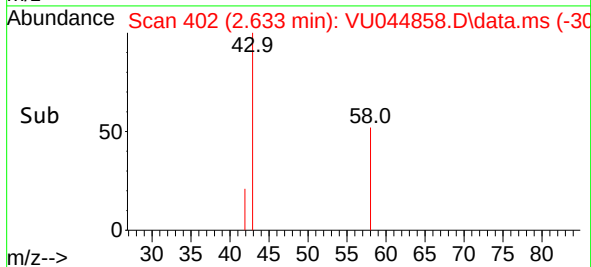
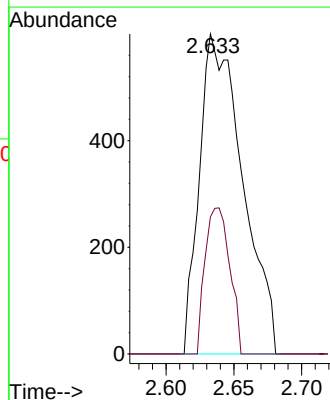
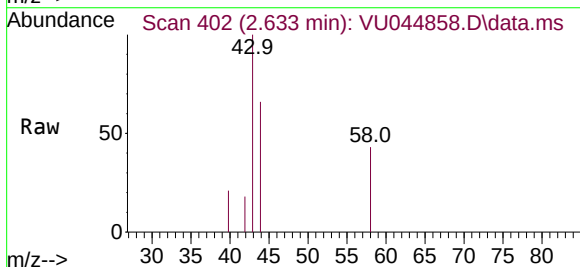
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

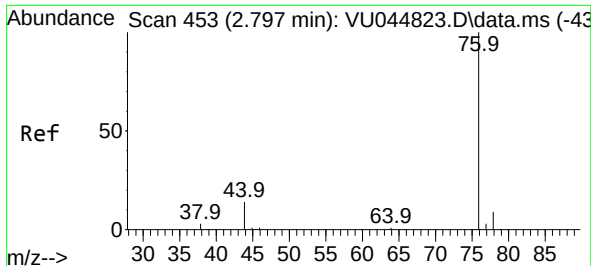
Tgt Ion: 59 Resp: 5976
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.731 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 42.8 25.2 37.8#

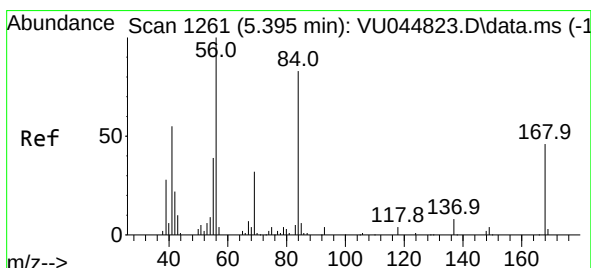
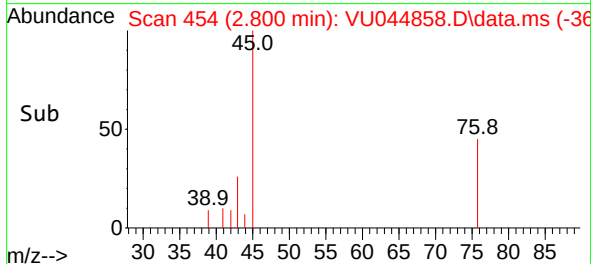
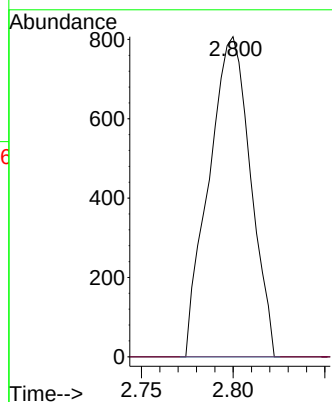
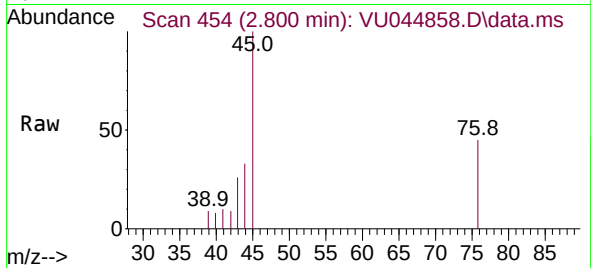




#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

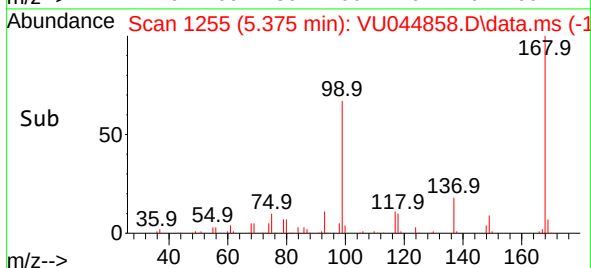
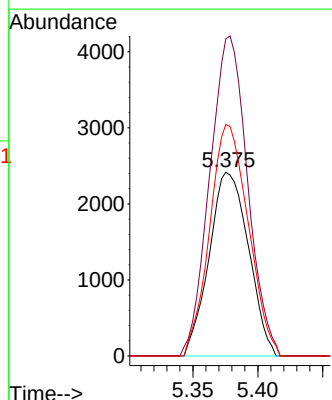
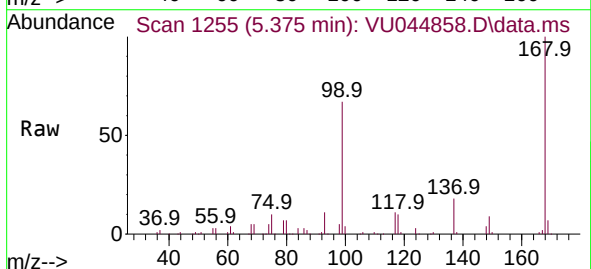
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

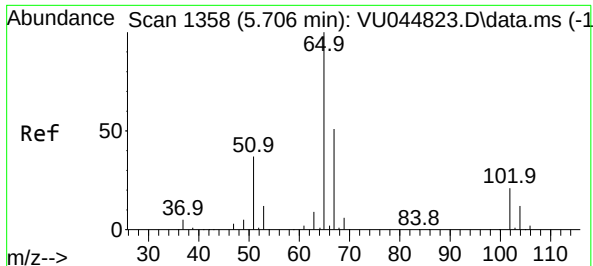
Tgt Ion: 76 Resp: 1273
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.019 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion: 56 Resp: 5079
Ion Ratio Lower Upper
56 100
69 172.7 25.2 37.8#
84 126.1 66.4 99.6#



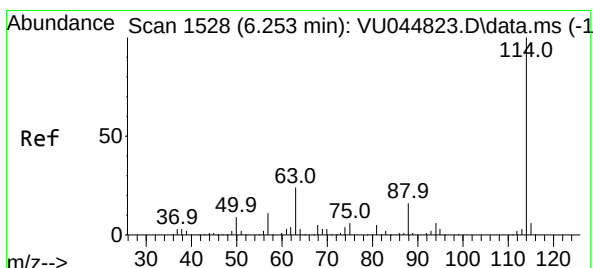
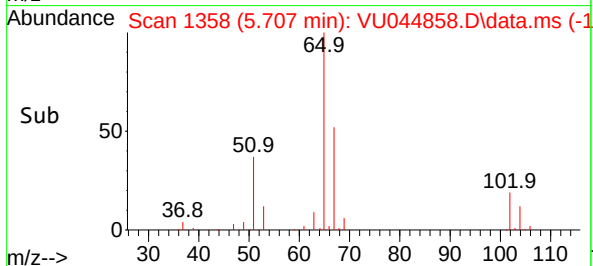
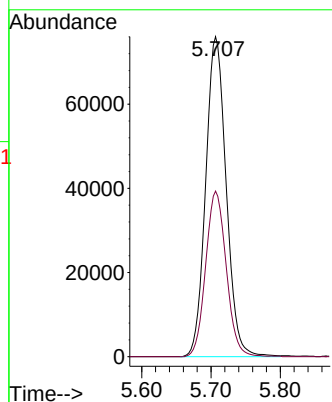
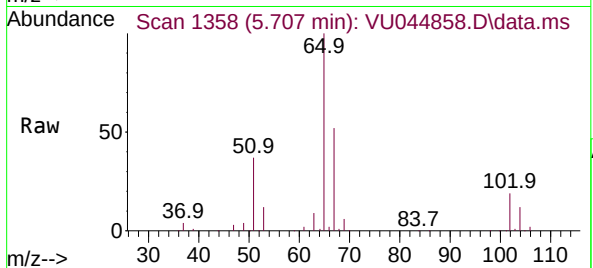


#33

1,2-Dichloroethane-d4
Concen: 48.457 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

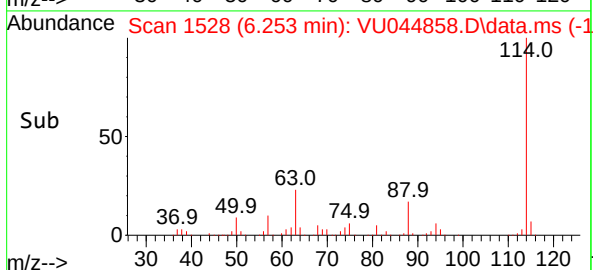
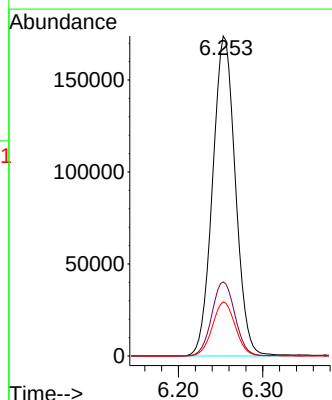
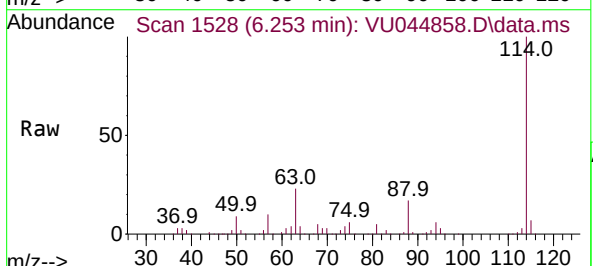
Tgt Ion: 65 Resp: 156179
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

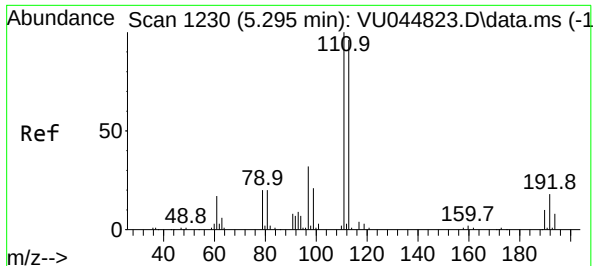


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion: 114 Resp: 326106
Ion Ratio Lower Upper
114 100
63 23.2 0.0 47.8
88 16.9 0.0 32.8



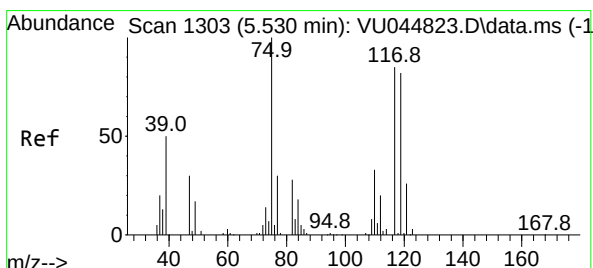
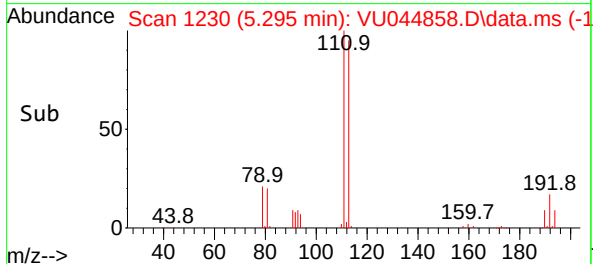
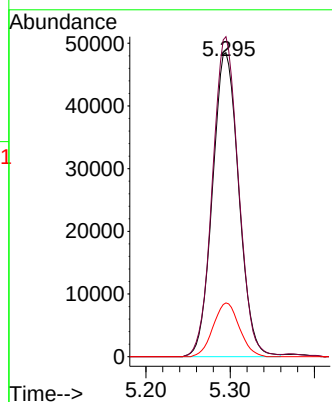
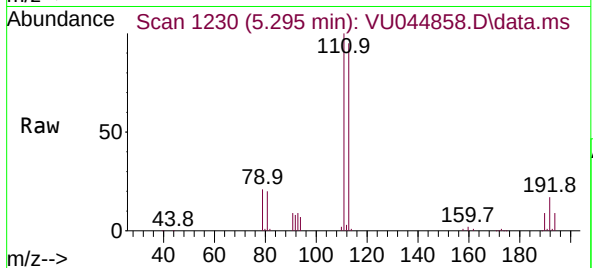


#35

Dibromofluoromethane
Concen: 47.010 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

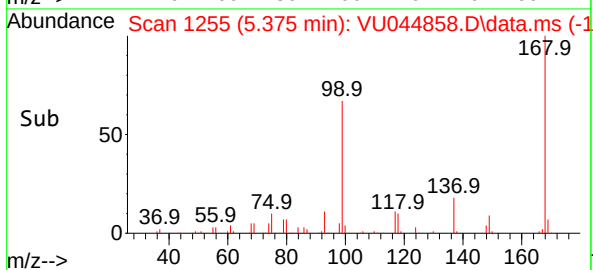
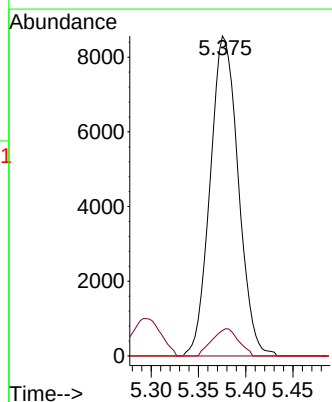
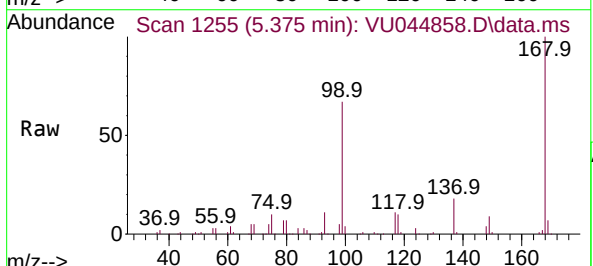
Tgt Ion:113 Resp: 105169
Ion Ratio Lower Upper
113 100
111 104.0 84.1 126.1
192 17.5 14.8 22.2

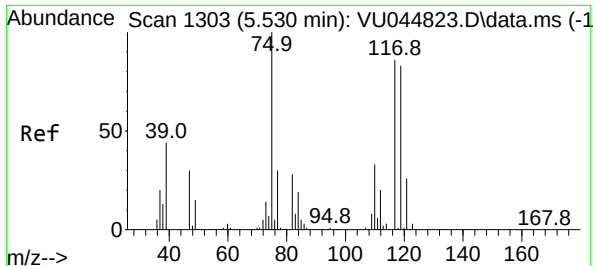


#36

1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

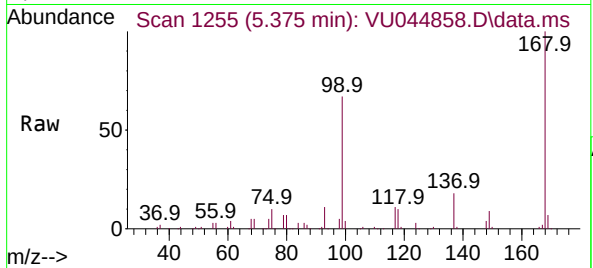
Tgt Ion: 75 Resp: 17739
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 25.0 37.4#



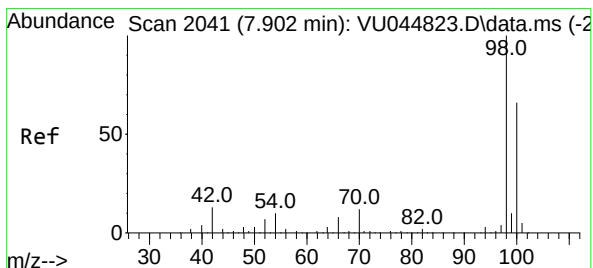
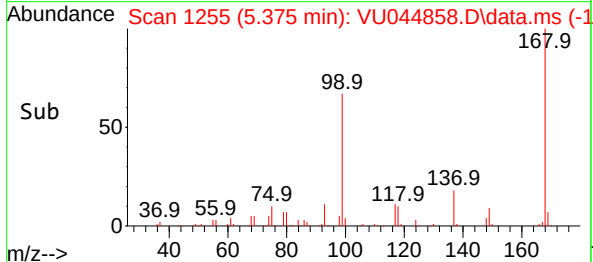
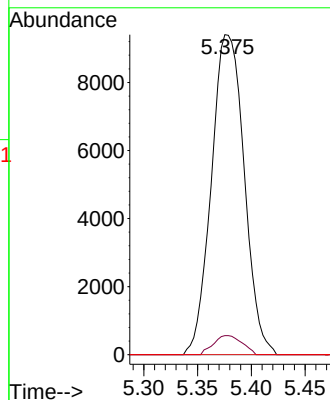


#38
Carbon Tetrachloride
Concen: 6.454 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

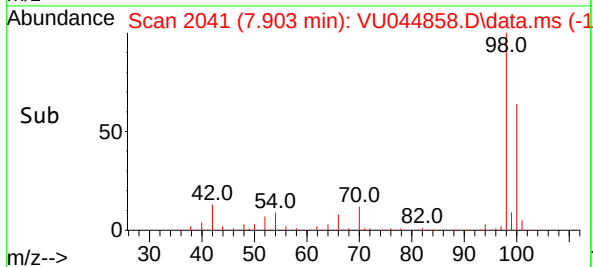
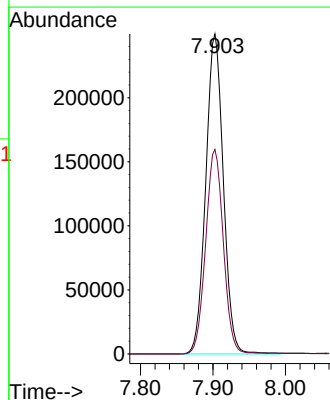
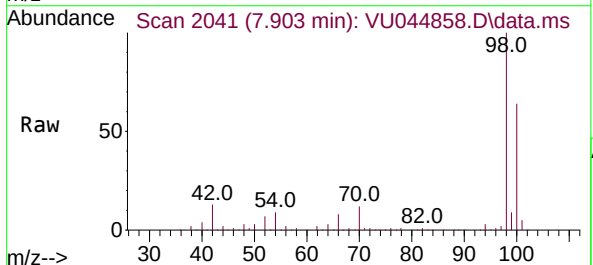


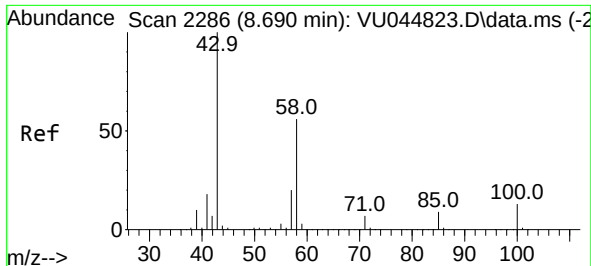
Tgt Ion:117 Resp: 19965
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.802 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion: 98 Resp: 420785
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

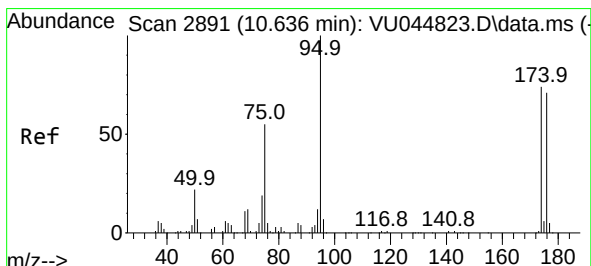
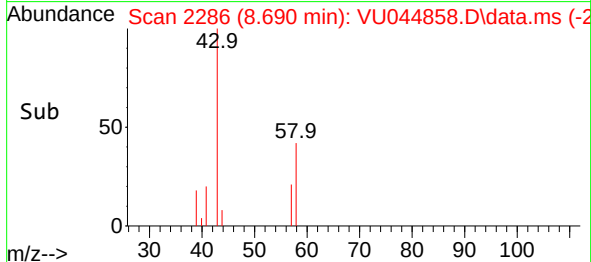
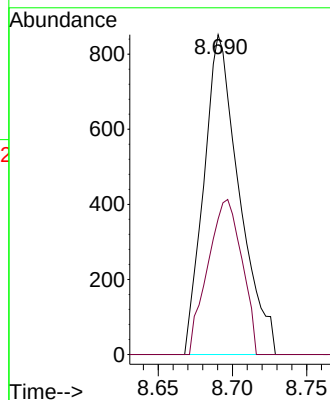
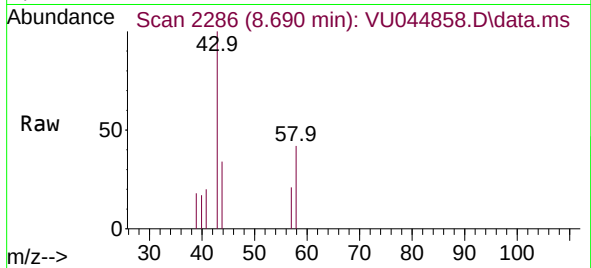




#59
2-Hexanone
Concen: 0.346 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

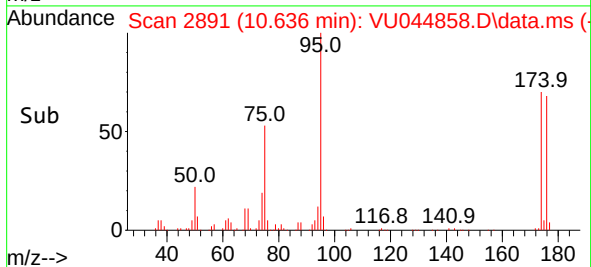
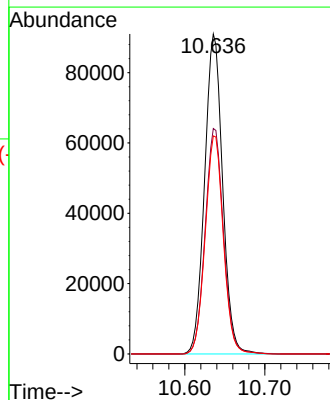
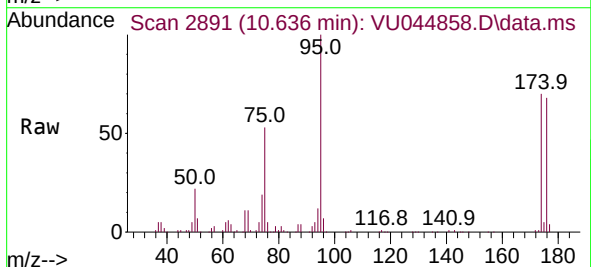
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

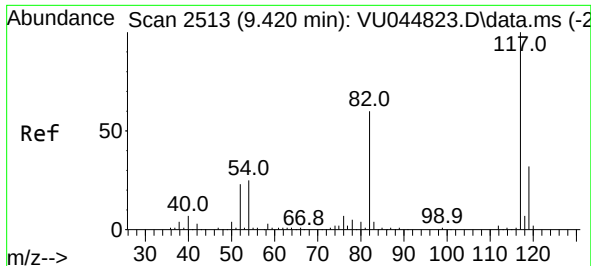
Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 46.7 28.0 84.0



#62
4-Bromofluorobenzene
Concen: 45.453 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion: 95 Resp: 142640
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.6
176 68.7 0.0 141.2

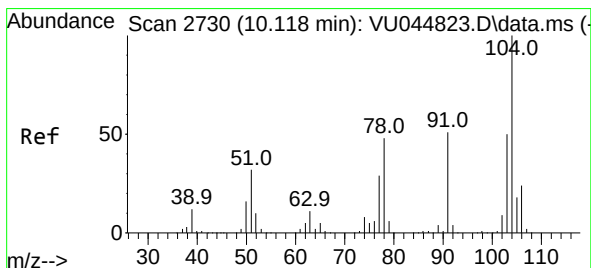
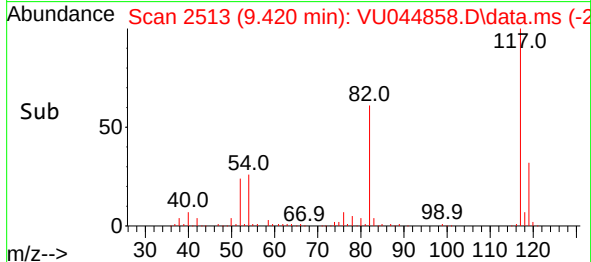
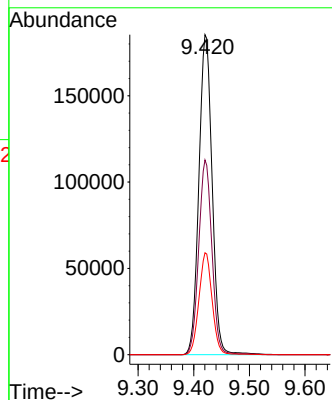
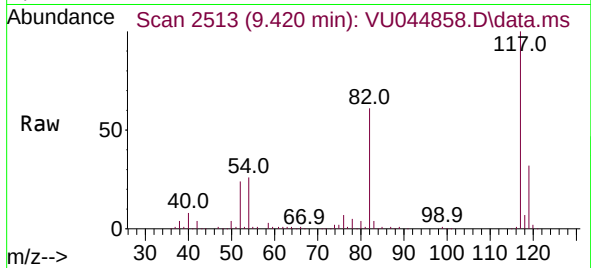




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

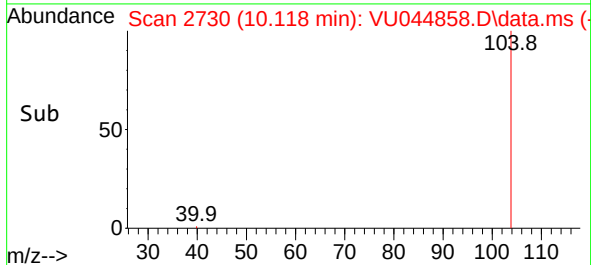
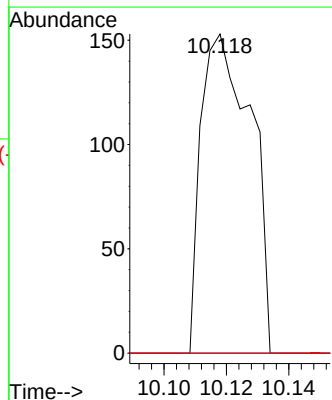
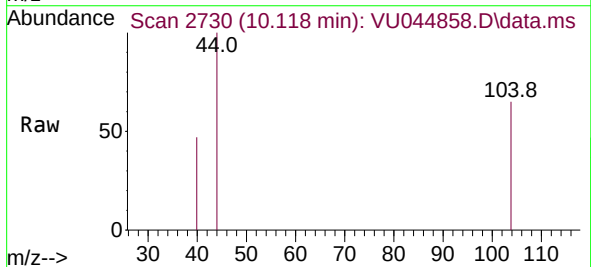
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

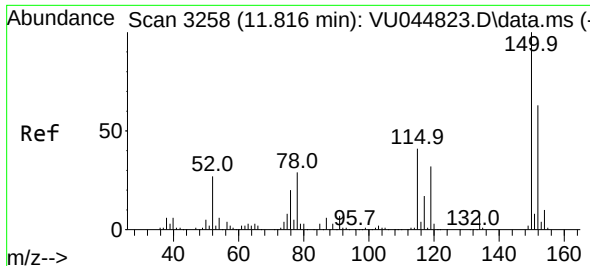
Tgt Ion:117 Resp: 306497
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 31.8 25.8 38.6



#70
Styrene
Concen: 1.032 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion:104 Resp: 170
Ion Ratio Lower Upper
104 100
78 0.0 41.4 62.0#
103 0.0 43.5 65.3#

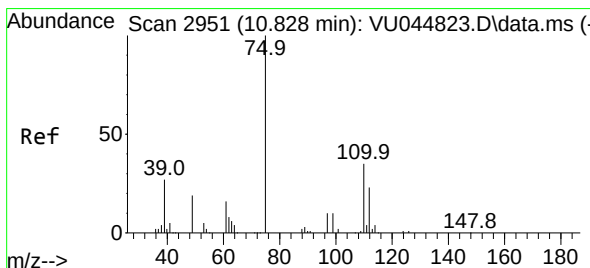
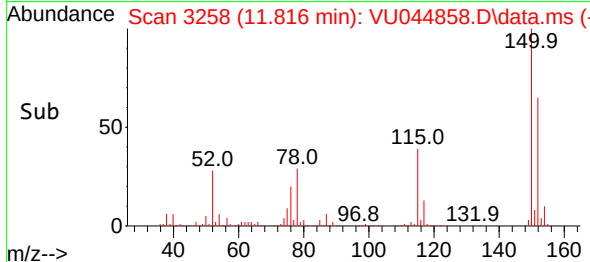
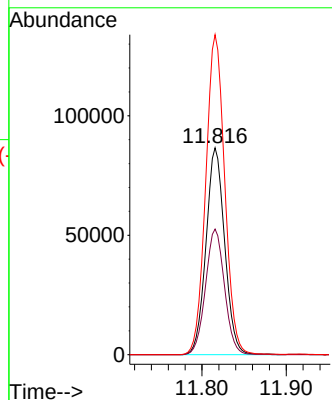
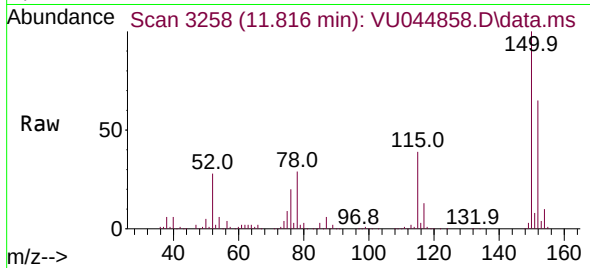




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU044858.D
 Acq: 26 Sep 2021 00:22

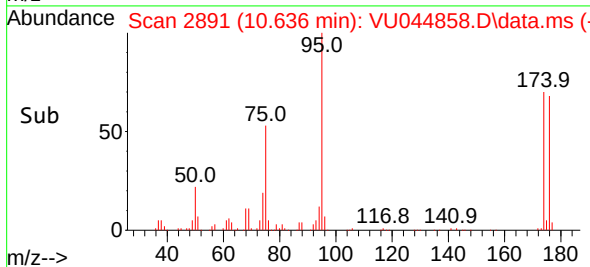
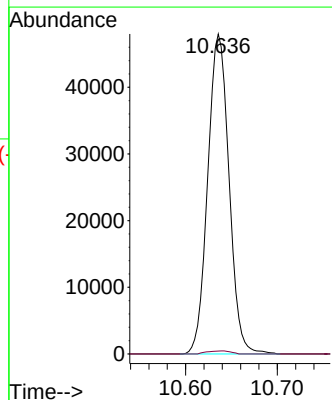
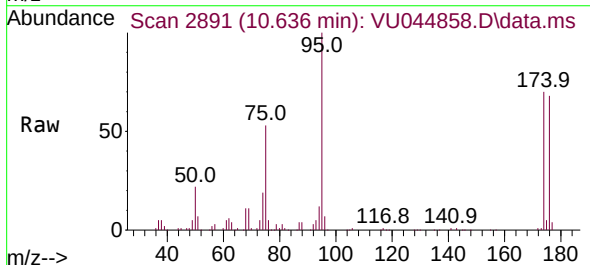
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0925WBL02

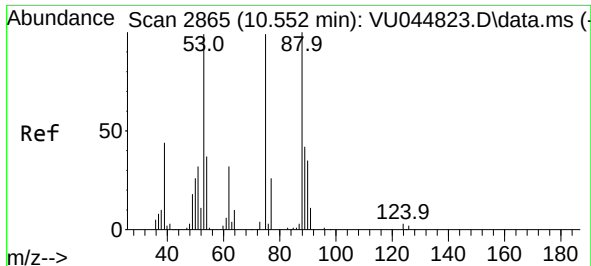
Tgt Ion:152 Resp: 133823
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.5 130.7
 150 157.0 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.081 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044858.D
 Acq: 26 Sep 2021 00:22

Tgt Ion: 75 Resp: 77323
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#

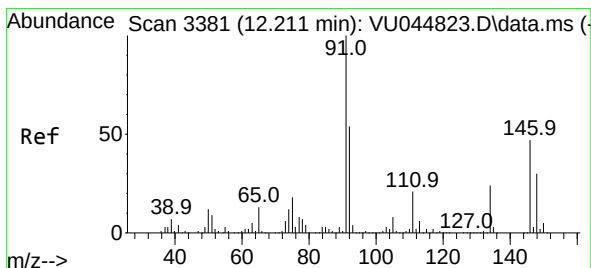
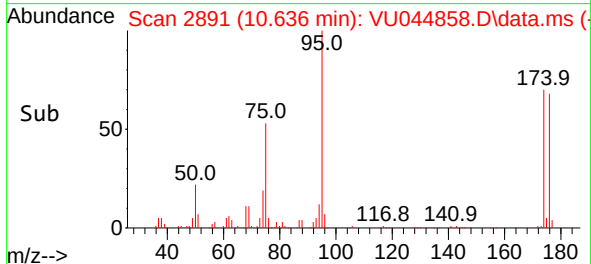
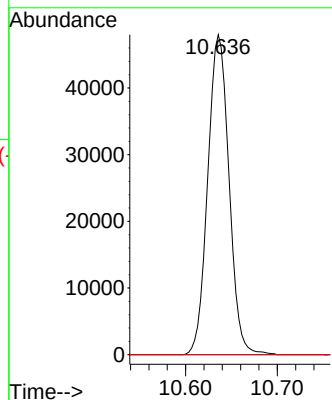
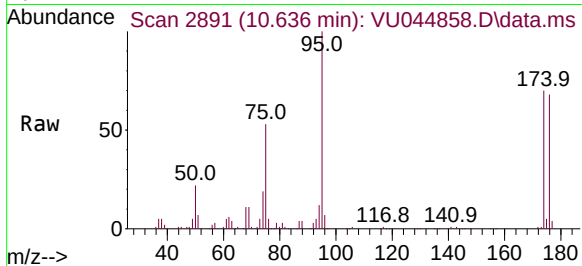




#81
trans-1,4-Dichloro-2-butene
Concen: 61.812 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

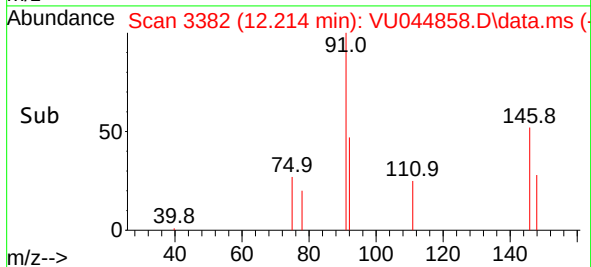
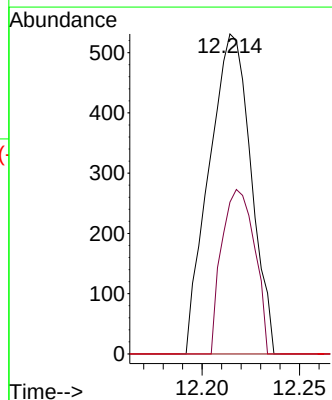
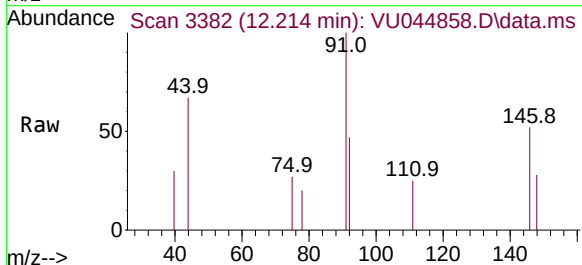
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

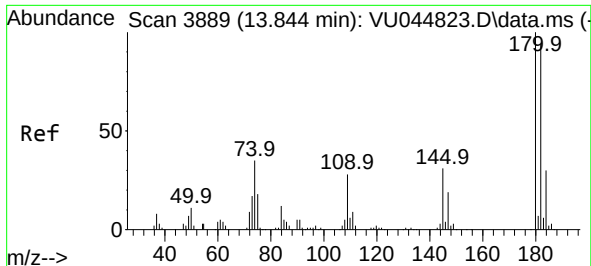
Tgt Ion: 75 Resp: 77323
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#89
n-Butylbenzene
Concen: 1.367 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion: 91 Resp: 793
Ion Ratio Lower Upper
91 100
92 40.2 26.8 80.4
134 0.0 11.8 35.4#

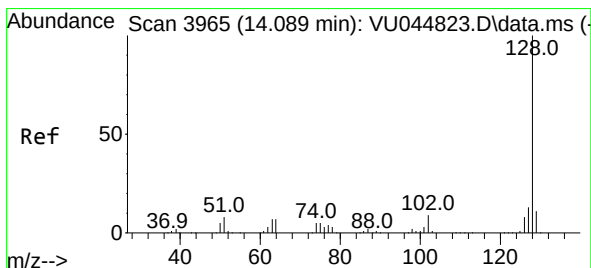
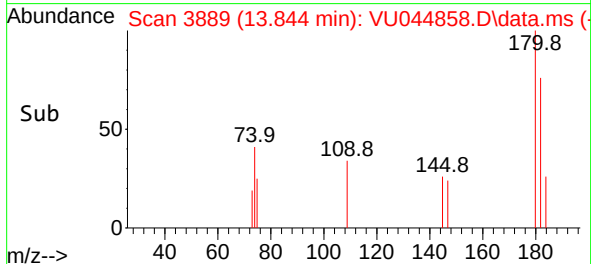
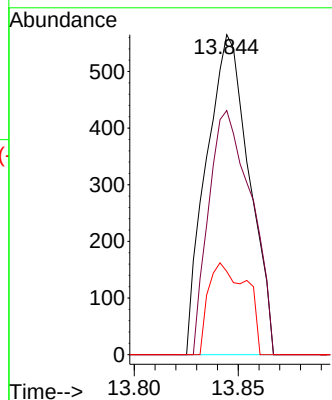
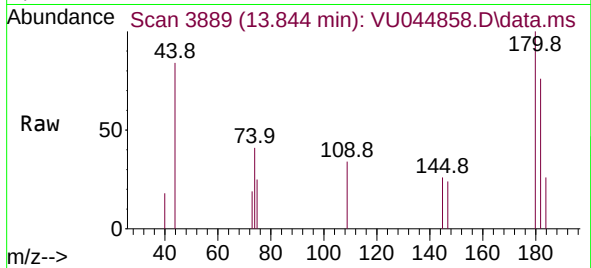




#93
1,2,4-Trichlorobenzene
Concen: 0.314 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

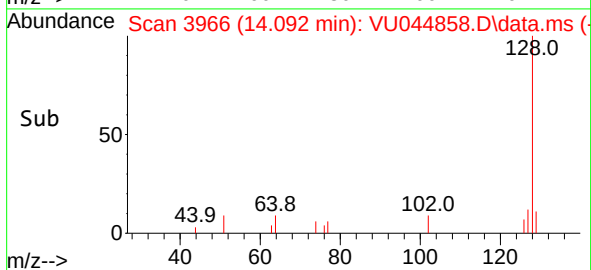
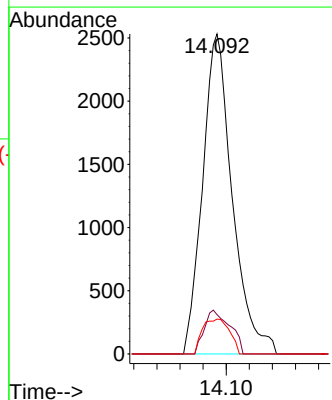
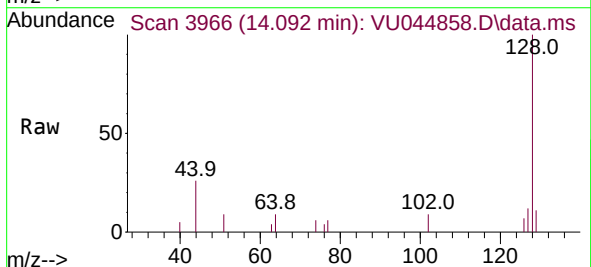
Instrument :
MSVOA_U
ClientSampleId :
VU0925WBL02

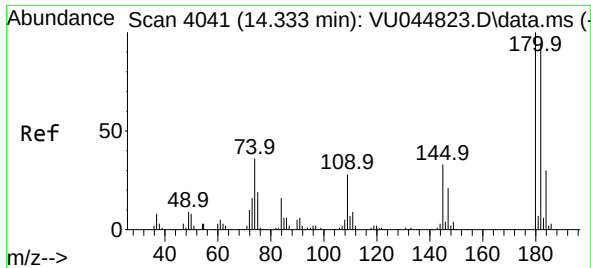
Tgt Ion:180 Resp: 809
Ion Ratio Lower Upper
180 100
182 76.0 47.4 142.3
145 25.3 15.4 46.2



#95
Naphthalene
Concen: 1.375 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044858.D
Acq: 26 Sep 2021 00:22

Tgt Ion:128 Resp: 4521
Ion Ratio Lower Upper
128 100
127 11.8 10.4 15.6
129 9.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.312 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.010 min
 Lab File: VU044858.D
 Acq: 26 Sep 2021 00:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0925WBL02

Tgt Ion:180 Resp: 819
 Ion Ratio Lower Upper
 180 100
 182 103.8 47.1 141.4
 145 31.9 16.4 49.2

