

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044837.D
 Acq On : 25 Sep 2021 15:23
 Operator : SY/MD
 Sample : M3784-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Sep 27 01:31:50 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)

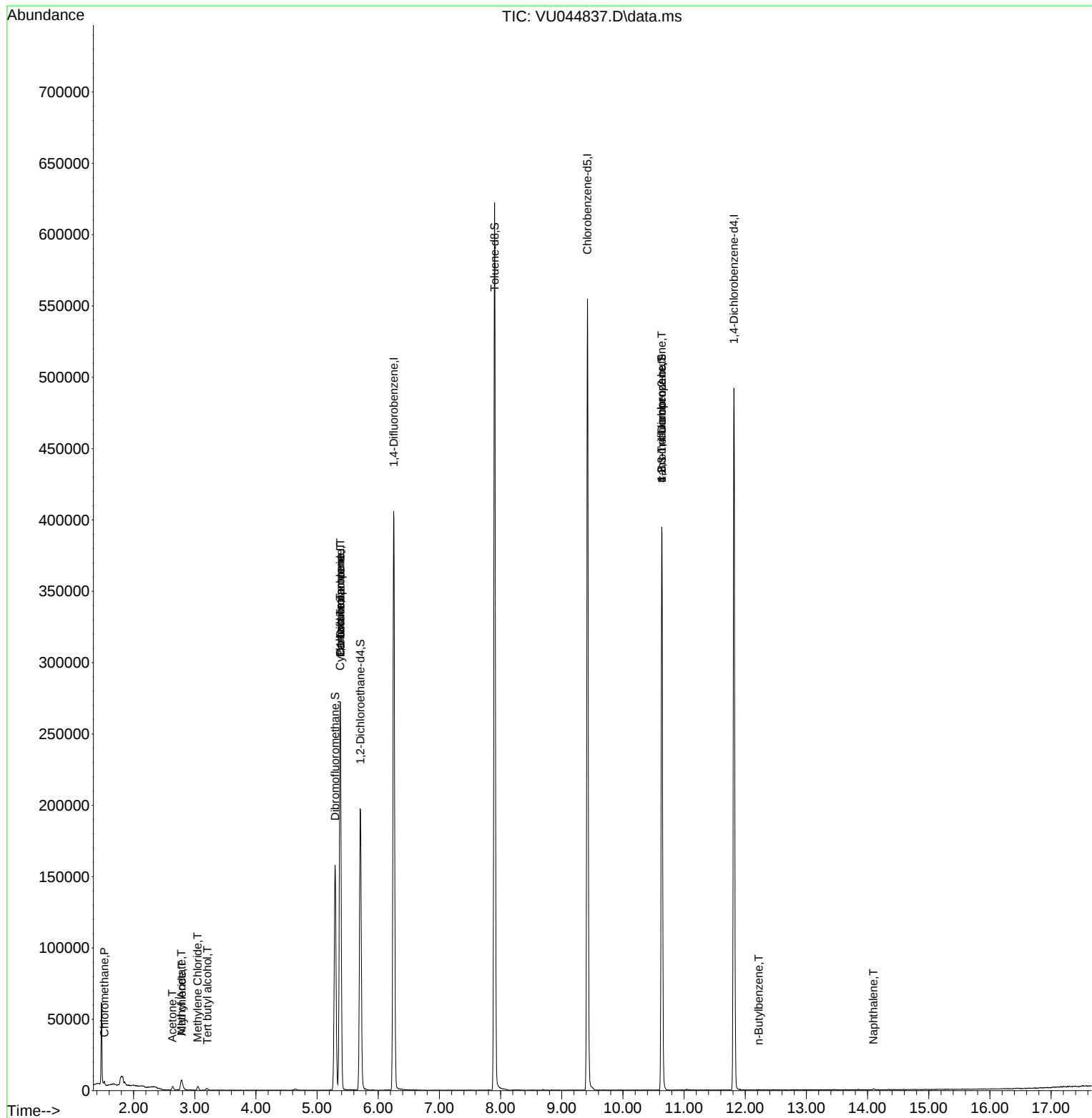
Internal Standards						
1) Pentafluorobenzene	5.378	168	175104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	310199	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	283779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	120214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	149837	49.030	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.060%	
35) Dibromofluoromethane	5.295	113	101063	47.492	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.980%	
50) Toluene-d8	7.902	98	394490	49.084	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.160%	
62) 4-Bromofluorobenzene	10.635	95	130798	43.817	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1441	0.453	ug/l	92
5) Bromomethane	1.858	94	666	Below Cal		96
6) Chloroethane	1.938	64	219	Below Cal	#	42
11) Tert butyl alcohol	3.205	59	1004	1.126	ug/l #	72
14) Allyl chloride	2.790	41	1240	0.303	ug/l	93
16) Acetone	2.636	43	3192	1.852	ug/l	92
18) Methyl Acetate	2.780	43	3387	0.588	ug/l #	52
20) Methylene Chloride	3.047	84	1403	0.503	ug/l	95
31) Cyclohexane	5.375	56	5037	1.148	ug/l #	25
36) 1,1-Dichloropropene	5.378	75	16684	5.069	ug/l #	46
38) Carbon Tetrachloride	5.378	117	18991	6.454	ug/l #	16
76) 1,2,3-Trichloropropane	10.635	75	71598	19.668	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	71598	63.714	ug/l #	9
89) n-Butylbenzene	12.221	91	69	1.284	ug/l #	33
95) Naphthalene	14.095	128	997	1.049	ug/l #	69

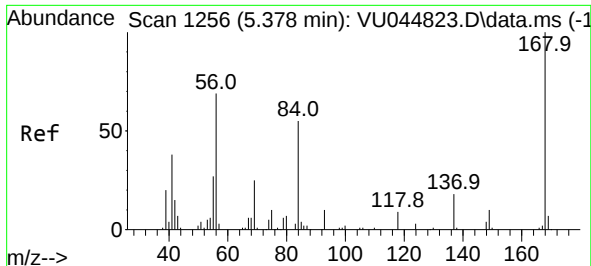
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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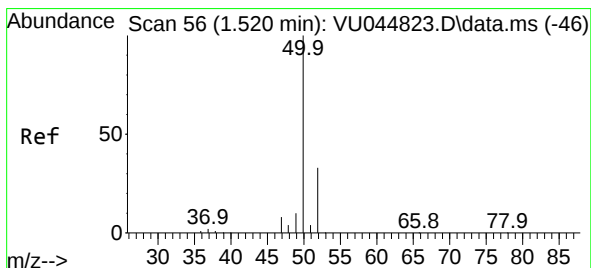
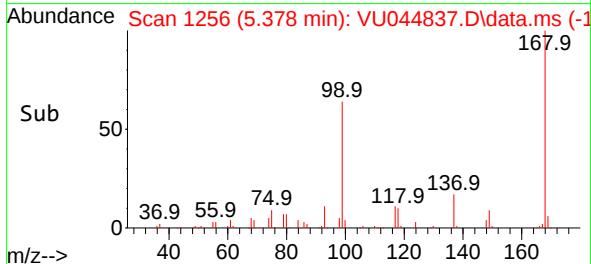
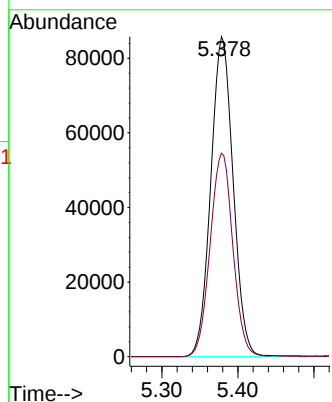
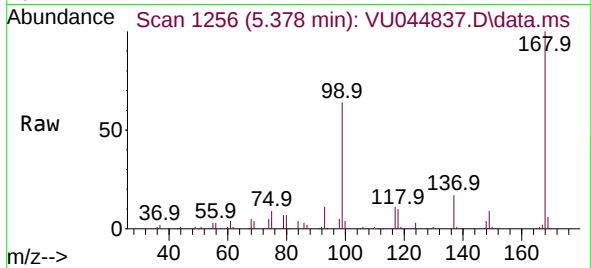




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

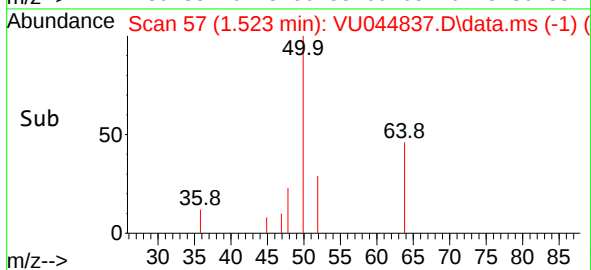
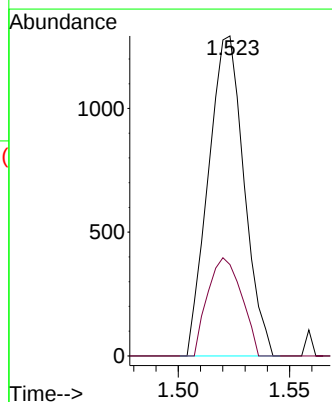
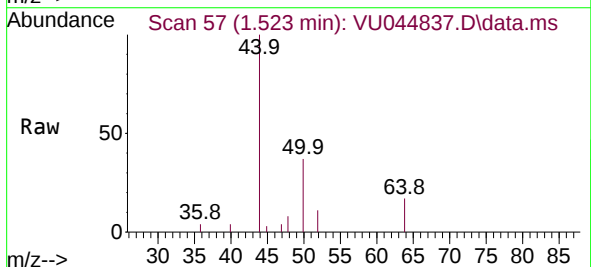
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

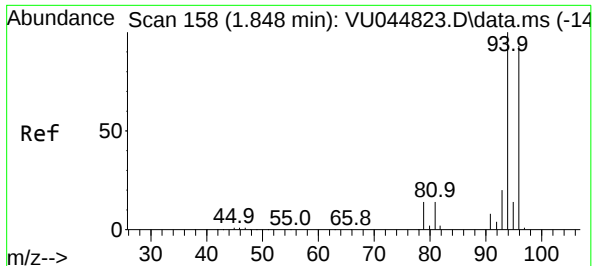
Tgt Ion:168 Resp: 175104
Ion Ratio Lower Upper
168 100
99 63.6 51.4 77.0



#3
Chloromethane
Concen: 0.453 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Tgt Ion: 50 Resp: 1441
Ion Ratio Lower Upper
50 100
52 28.5 26.3 39.5

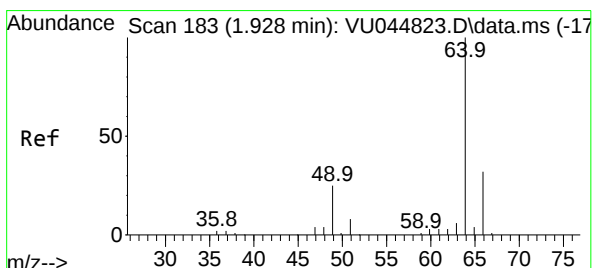
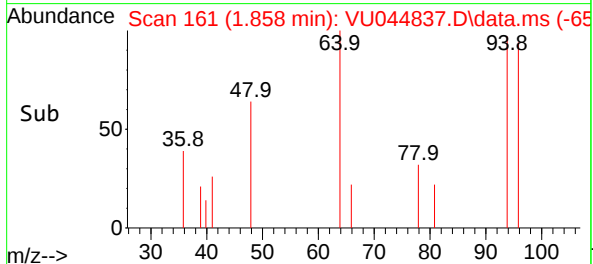
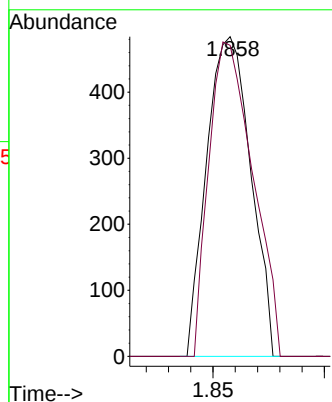
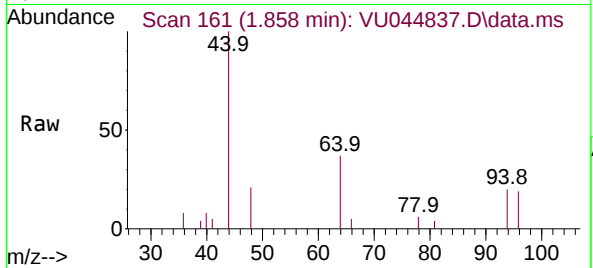




#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 161
Delta R.T. 0.010 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

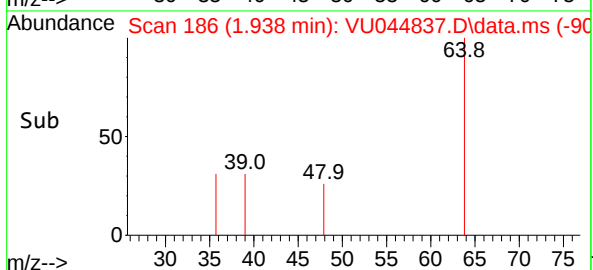
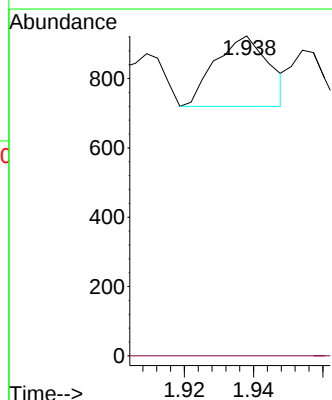
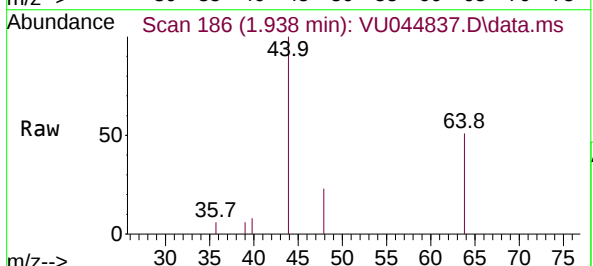
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

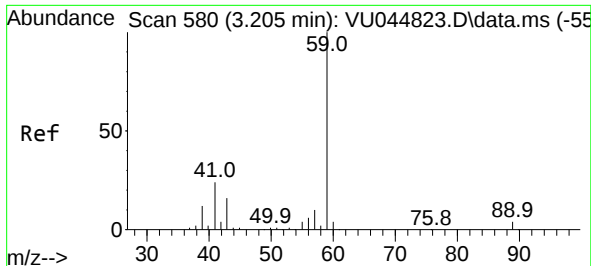
Tgt Ion: 94 Resp: 666
Ion Ratio Lower Upper
94 100
96 97.3 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.938 min Scan# 186
Delta R.T. 0.010 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Tgt Ion: 64 Resp: 219
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

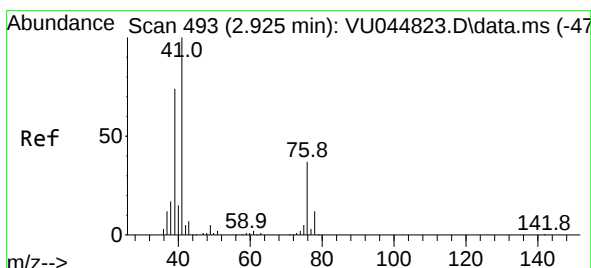
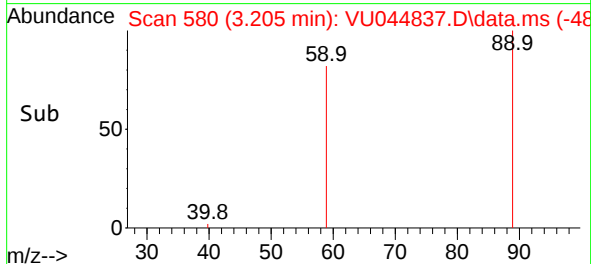
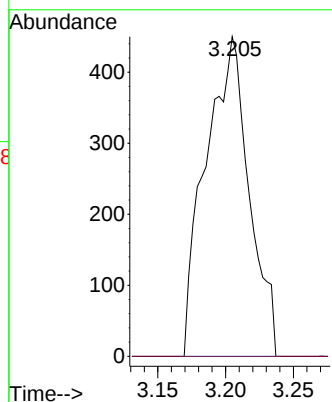
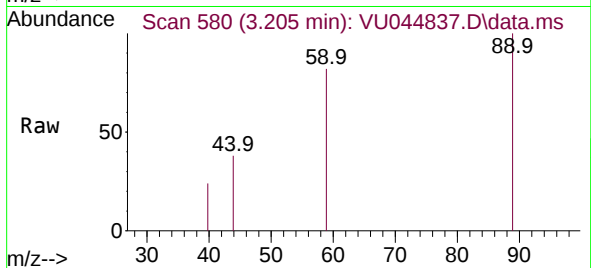




#11
Tert butyl alcohol
Concen: 1.126 ug/l
RT: 3.205 min Scan# 580
Delta R.T. -0.000 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

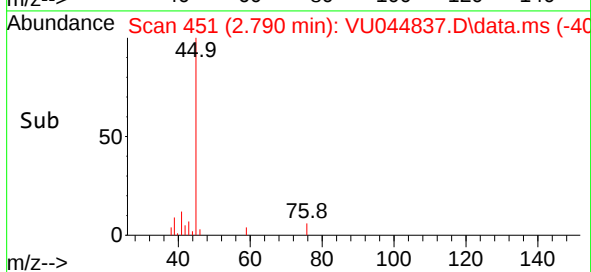
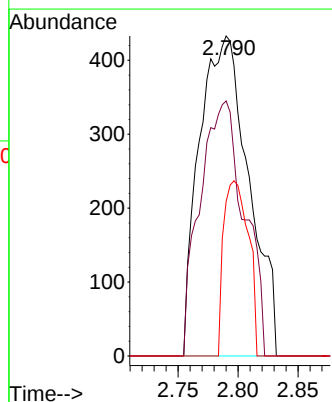
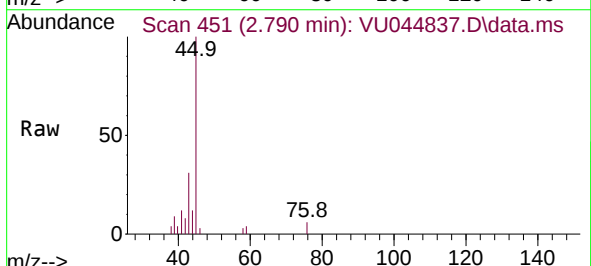
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

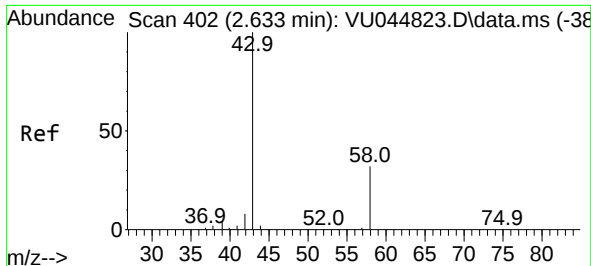
Tgt Ion: 59 Resp: 1004
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.303 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.135 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Tgt Ion: 41 Resp: 1240
Ion Ratio Lower Upper
41 100
39 71.5 53.0 79.6
76 27.3 25.7 38.5

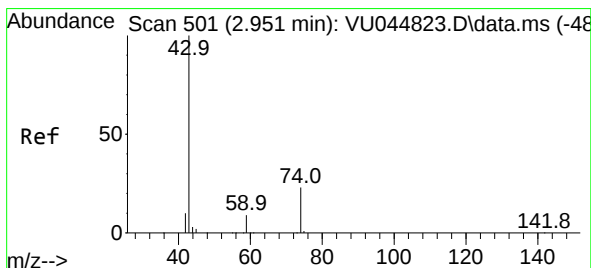
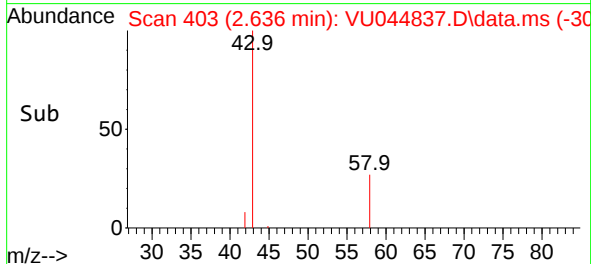
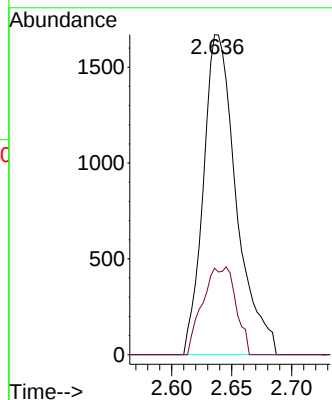
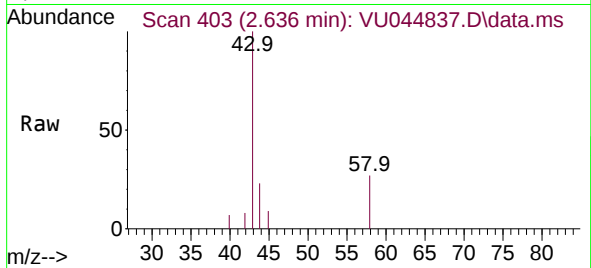




#16
Acetone
Concen: 1.852 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

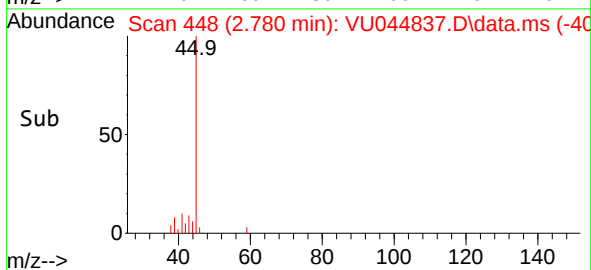
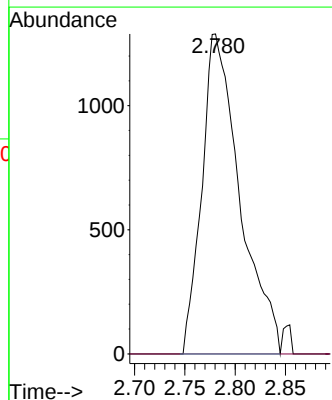
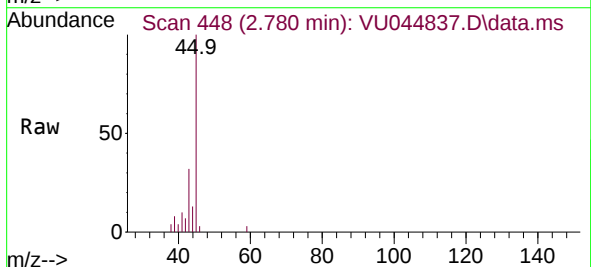
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

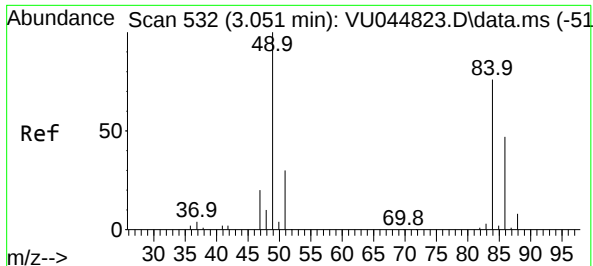
Tgt Ion: 43 Resp: 3192
Ion Ratio Lower Upper
43 100
58 27.0 25.2 37.8



#18
Methyl Acetate
Concen: 0.588 ug/l
RT: 2.780 min Scan# 448
Delta R.T. -0.171 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Tgt Ion: 43 Resp: 3387
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



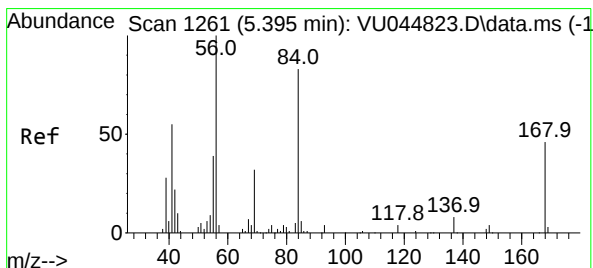
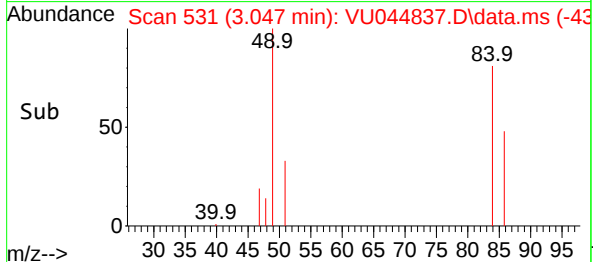
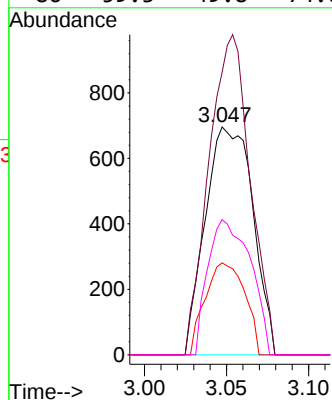
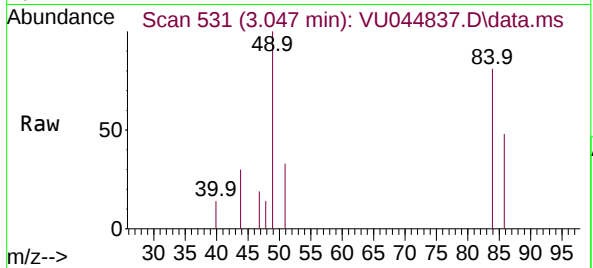


#20
Methylene Chloride
Concen: 0.503 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 84 Resp: 1403

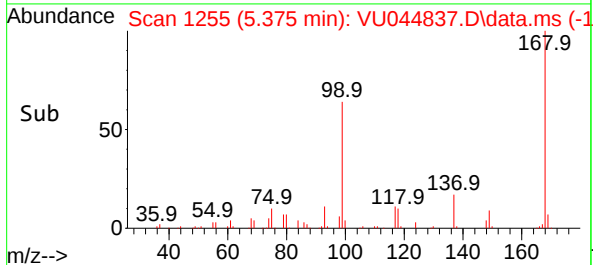
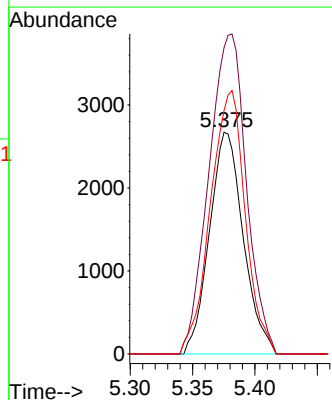
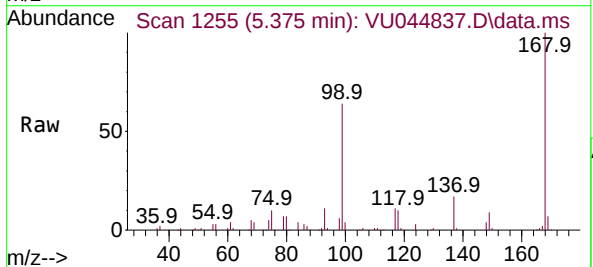
Ion	Ratio	Lower	Upper
84	100		
49	124.0	104.9	157.3
51	40.4	31.8	47.8
86	59.3	49.8	74.6

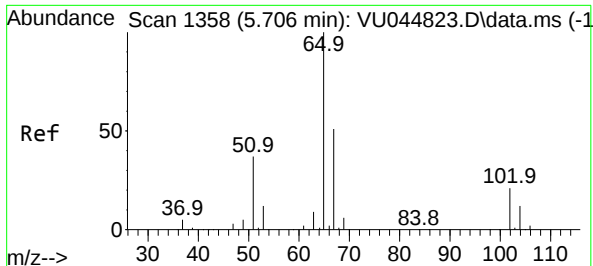


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.019 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Tgt Ion: 56 Resp: 5037

Ion	Ratio	Lower	Upper
56	100		
69	138.1	25.2	37.8#
84	109.8	66.4	99.6#



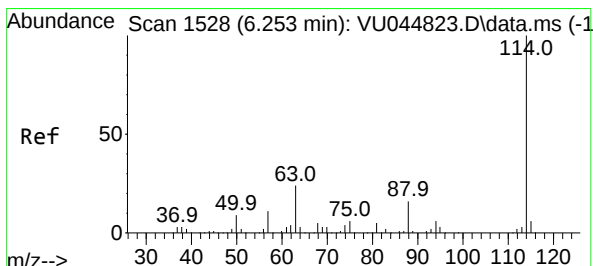
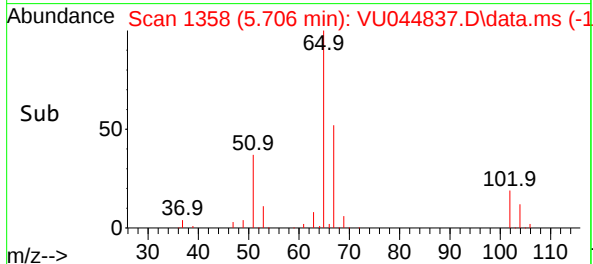
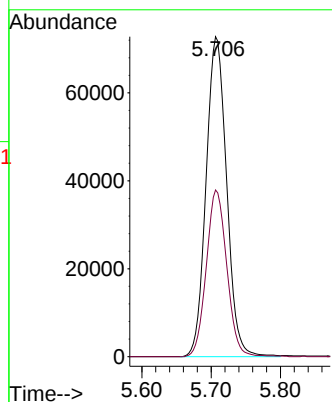
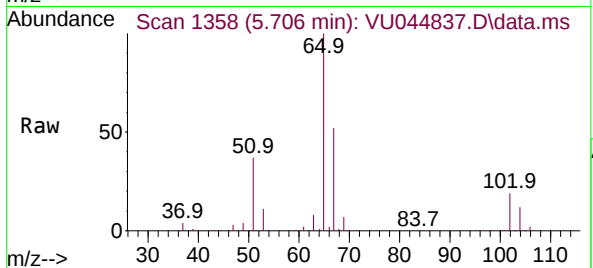


#33

1,2-Dichloroethane-d4
Concen: 49.030 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
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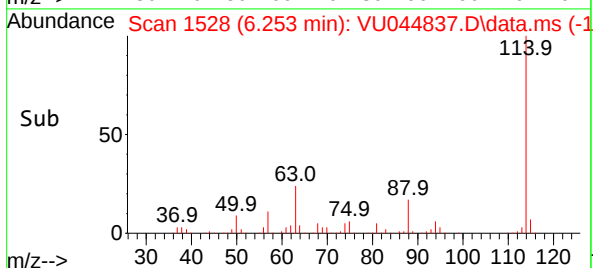
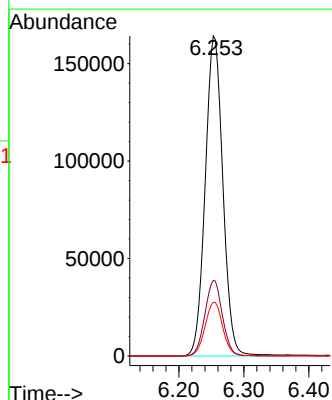
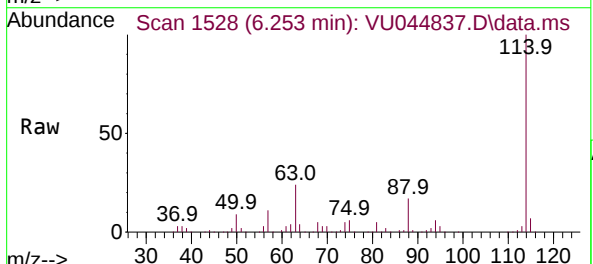
Tgt Ion: 65 Resp: 149837
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

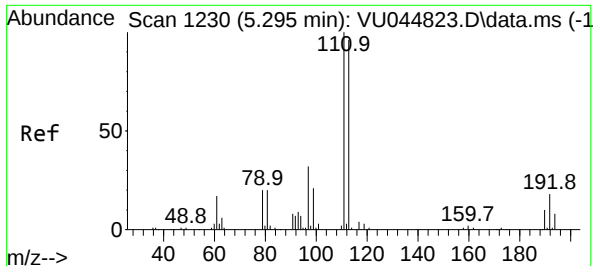


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Tgt Ion: 114 Resp: 310199
Ion Ratio Lower Upper
114 100
63 23.7 0.0 47.8
88 16.7 0.0 32.8

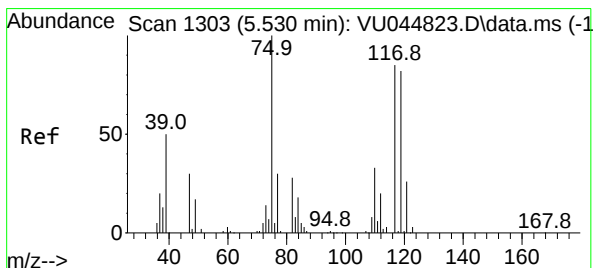
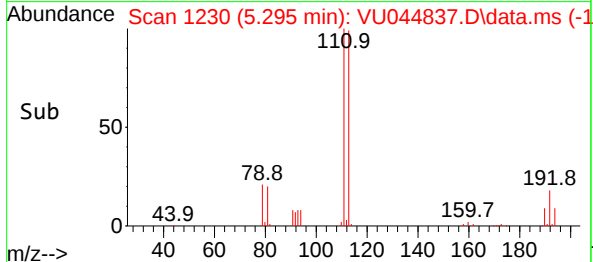
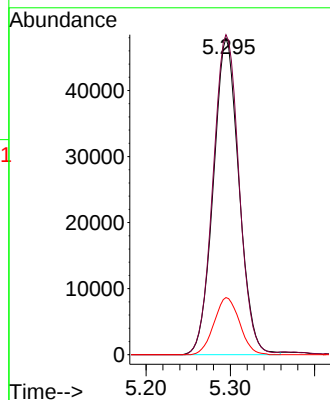
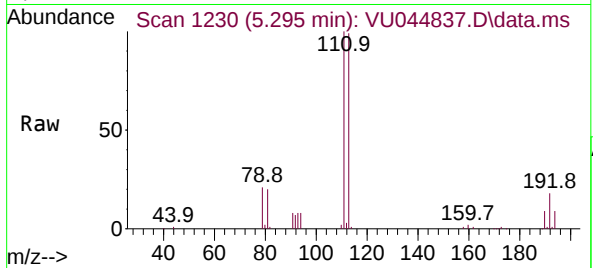




#35
Dibromofluoromethane
Concen: 47.492 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

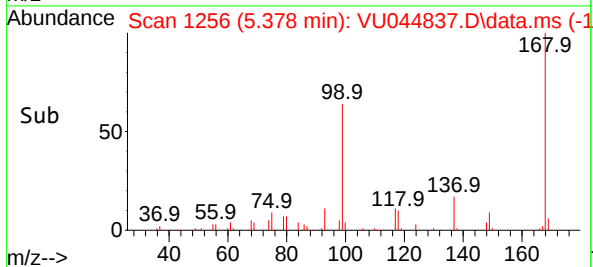
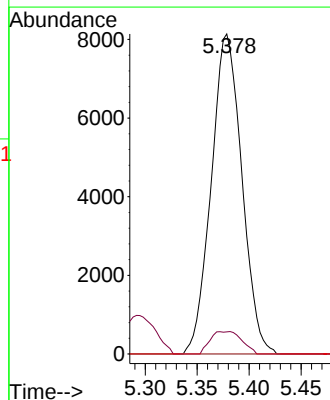
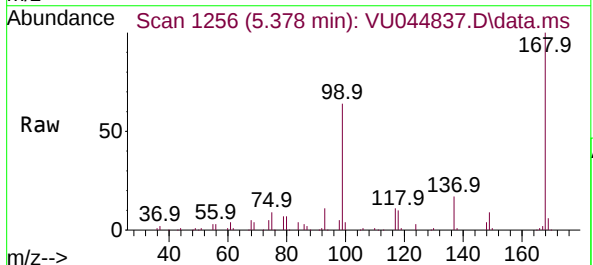
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

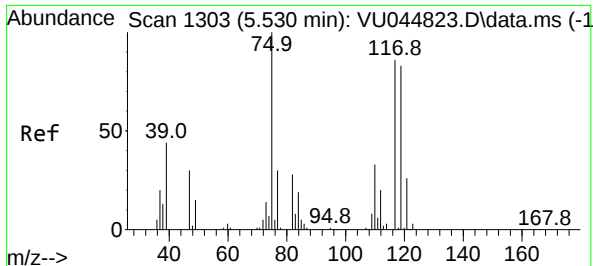
Tgt Ion:113 Resp: 101063
Ion Ratio Lower Upper
113 100
111 102.6 84.1 126.1
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.069 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

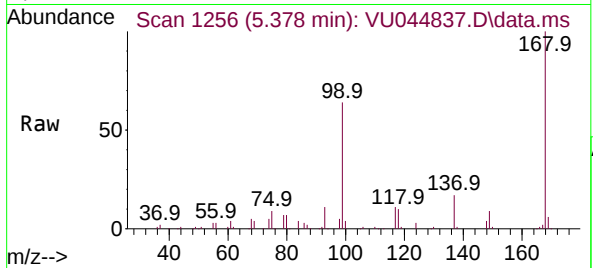
Tgt Ion: 75 Resp: 16684
Ion Ratio Lower Upper
75 100
110 3.4 16.3 48.9#
77 0.0 25.0 37.4#



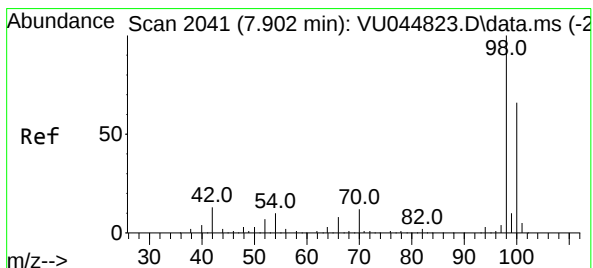
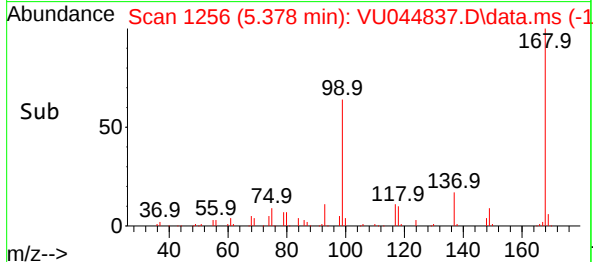
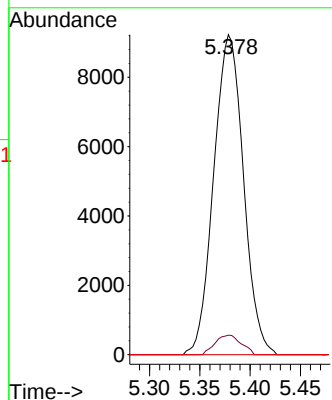


#38
Carbon Tetrachloride
Concen: 6.454 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

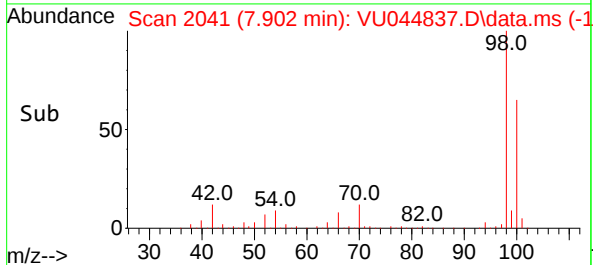
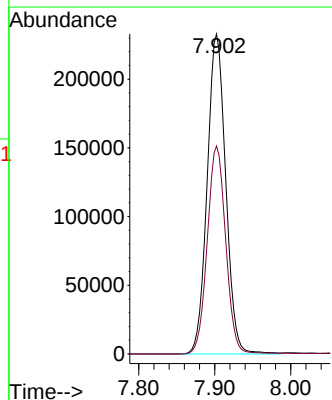
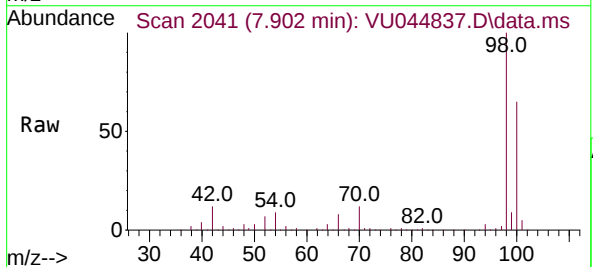


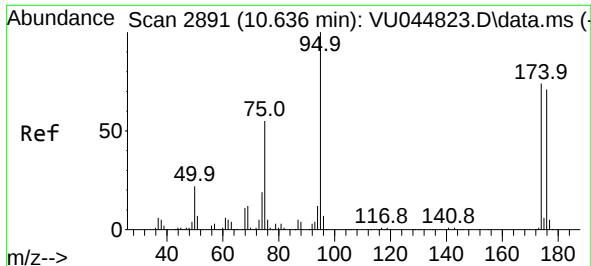
Tgt Ion: 117 Resp: 18991
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.084 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Tgt Ion: 98 Resp: 394490
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

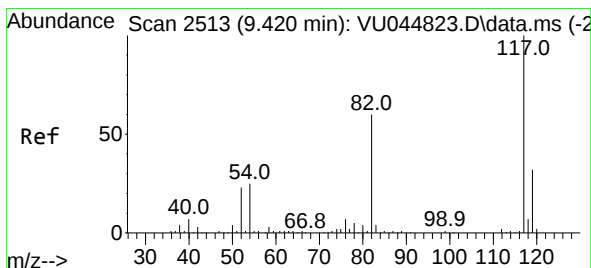
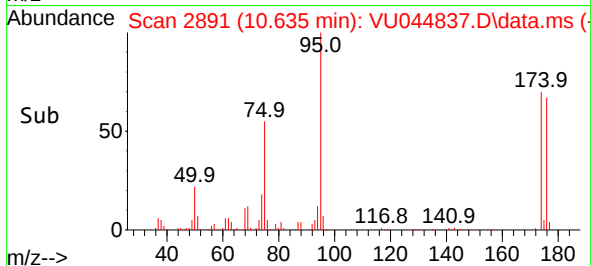
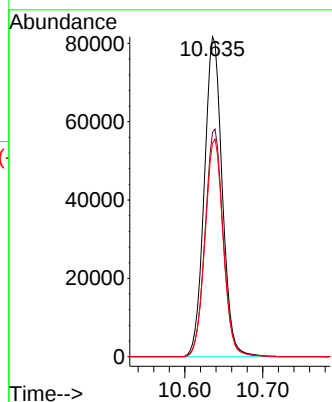
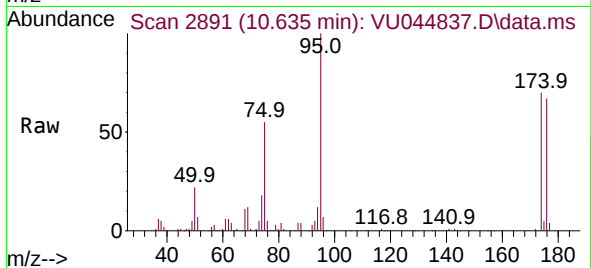




#62
4-Bromofluorobenzene
Concen: 43.817 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

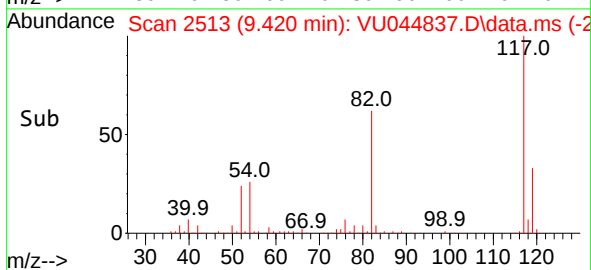
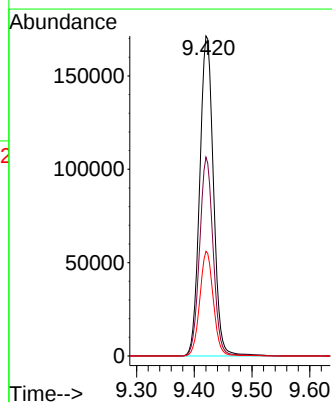
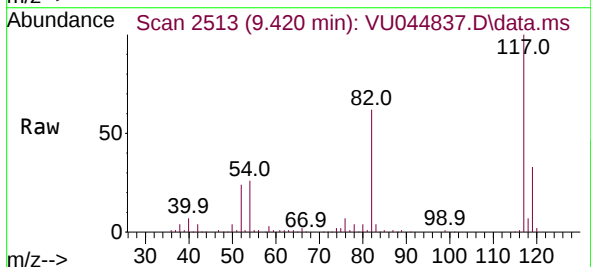
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

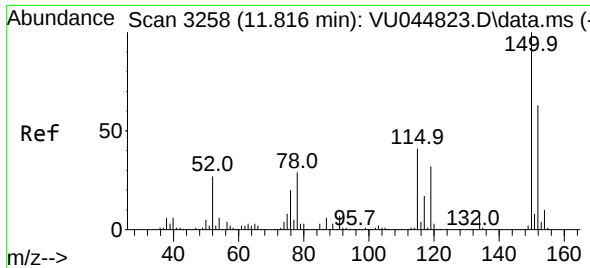
Tgt Ion: 95 Resp: 130798
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.6
176 68.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

Tgt Ion: 117 Resp: 283779
Ion Ratio Lower Upper
117 100
82 62.1 47.8 71.8
119 32.7 25.8 38.6

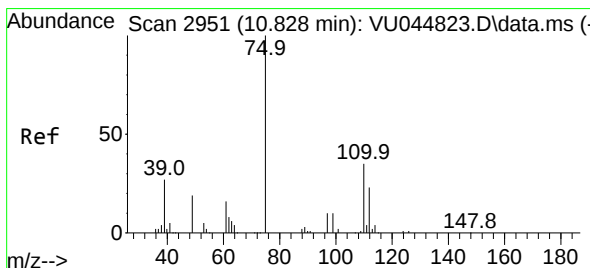
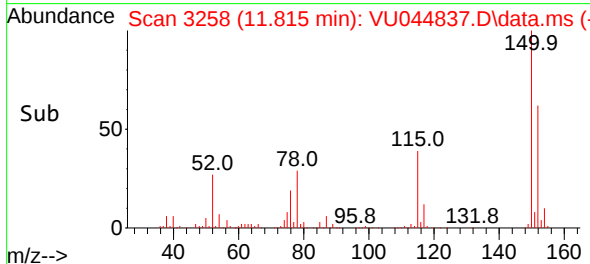
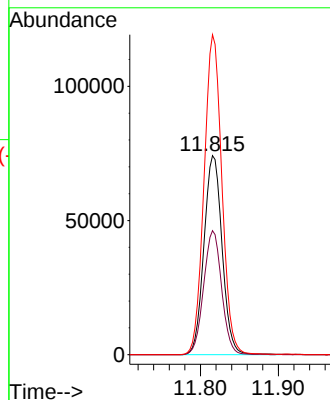
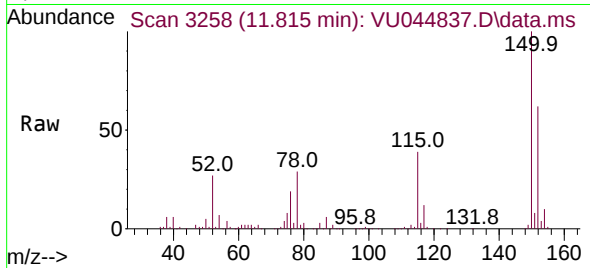




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. -0.000 min
 Lab File: VU044837.D
 Acq: 25 Sep 2021 15:23

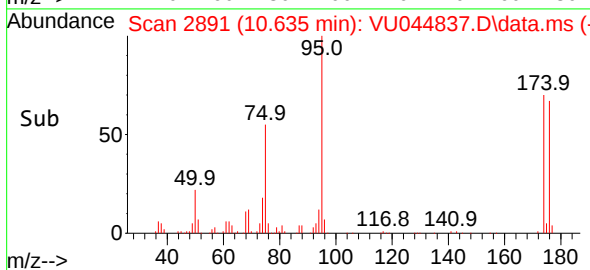
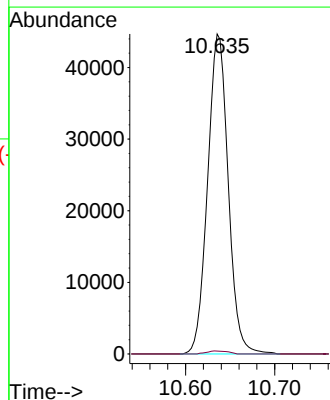
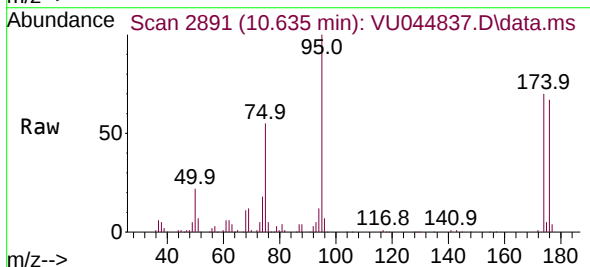
Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

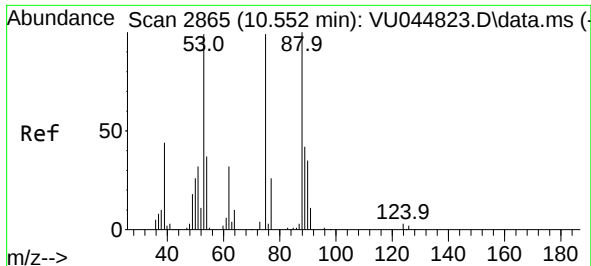
Tgt Ion:152 Resp: 120214
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.5 130.7
 150 158.1 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.668 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044837.D
 Acq: 25 Sep 2021 15:23

Tgt Ion: 75 Resp: 71598
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.9 53.7#

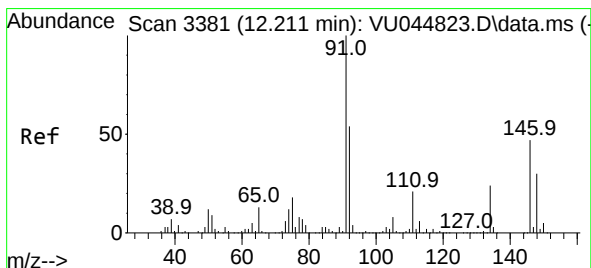
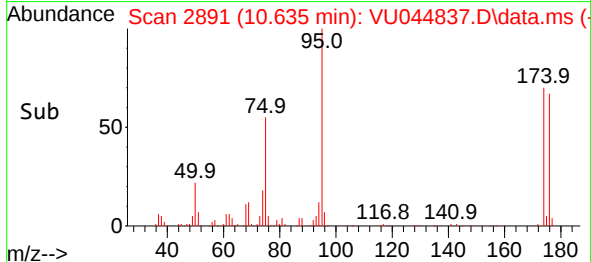
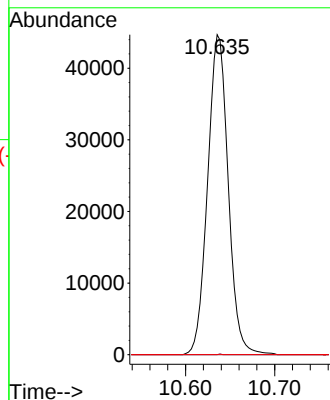
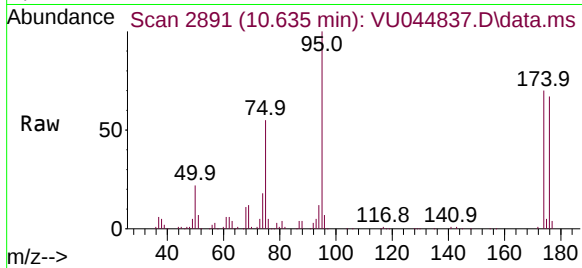




#81
trans-1,4-Dichloro-2-butene
Concen: 63.714 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

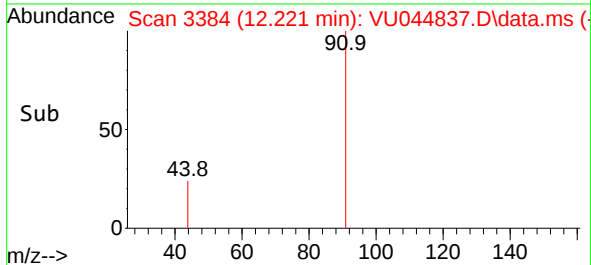
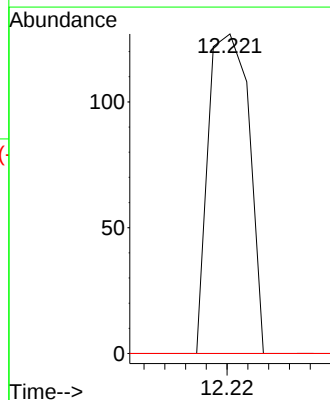
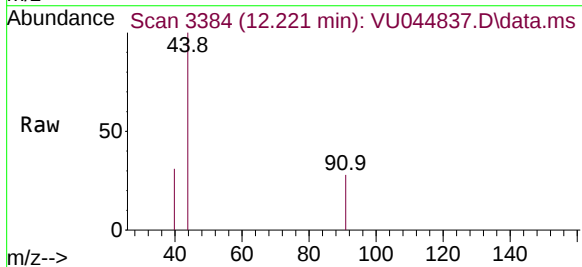
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

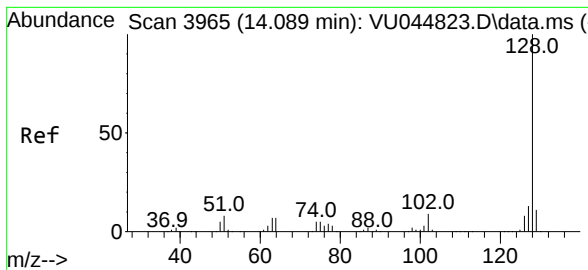
Tgt Ion: 75 Resp: 71598
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#89
n-Butylbenzene
Concen: 1.284 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.010 min
Lab File: VU044837.D
Acq: 25 Sep 2021 15:23

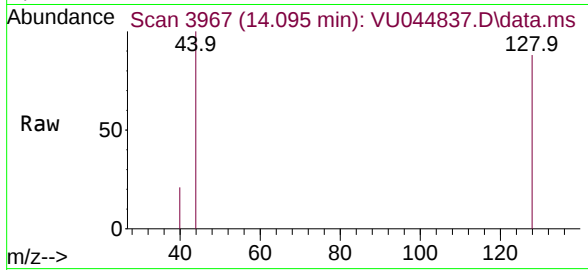
Tgt Ion: 91 Resp: 69
Ion Ratio Lower Upper
91 100
92 0.0 26.8 80.4#
134 0.0 11.8 35.4#





#95
 Naphthalene
 Concen: 1.049 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.006 min
 Lab File: VU044837.D
 Acq: 25 Sep 2021 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4



Tgt Ion:	128	Resp:	997
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#

