

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044851.D
 Acq On : 25 Sep 2021 20:52
 Operator : SY/MD
 Sample : M3895-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 210922013-01-TRIP-BLANK

Quant Time: Sep 27 01:36:15 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)

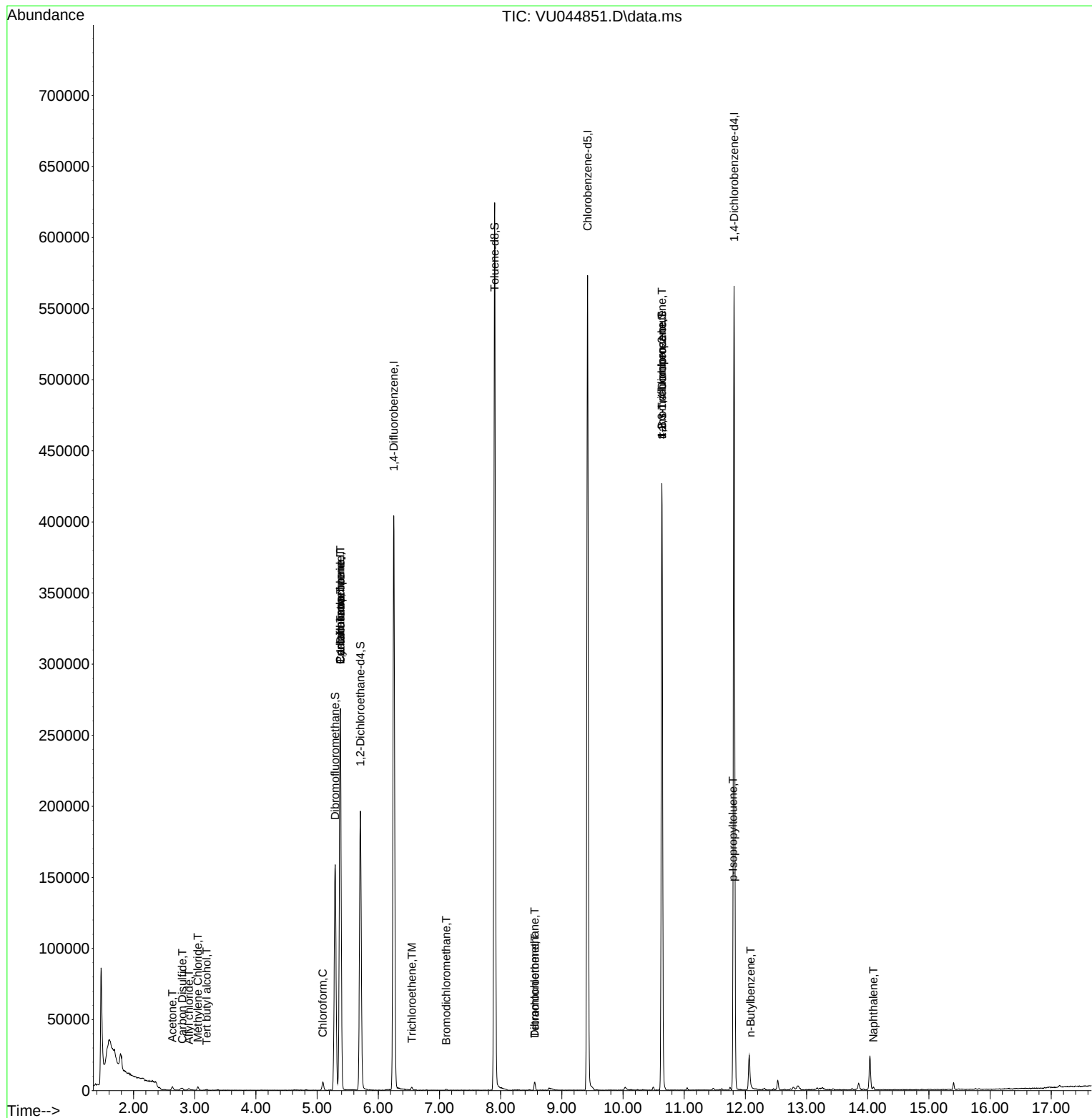
Internal Standards						
1) Pentafluorobenzene	5.379	168	171694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	307352	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	290439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	134572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	149137	49.770	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.540%	
35) Dibromofluoromethane	5.295	113	102979	48.840	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.680%	
50) Toluene-d8	7.903	98	403247	50.638	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.280%	
62) 4-Bromofluorobenzene	10.636	95	138681	46.888	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.858	94	392	Below Cal		99
11) Tert butyl alcohol	3.195	59	319	0.365 ug/l #		72
14) Allyl chloride	2.906	41	1377	0.343 ug/l #		35
16) Acetone	2.633	43	3174	1.878 ug/l		90
17) Carbon Disulfide	2.797	76	1529	0.263 ug/l #		75
20) Methylene Chloride	3.051	84	1053	0.385 ug/l		93
30) Chloroform	5.092	83	4918	1.063 ug/l		97
31) Cyclohexane	5.379	56	4764	1.107 ug/l #		1
36) 1,1-Dichloropropene	5.379	75	16799	5.151 ug/l #		50
38) Carbon Tetrachloride	5.379	117	18421	6.318 ug/l #		16
44) Trichloroethene	6.549	130	541	0.226 ug/l		65
47) Bromodichloromethane	7.108	83	709	0.202 ug/l #		92
60) Dibromochloromethane	8.555	129	1276	0.524 ug/l #		10
64) Tetrachloroethene	8.559	164	1138	0.578 ug/l		86
76) 1,2,3-Trichloropropane	10.636	75	75644	18.563 ug/l #		41
81) trans-1,4-Dichloro-2-b...	10.636	75	75644	60.133 ug/l #		9
86) p-Isopropyltoluene	11.796	119	1949	0.237 ug/l #		61
89) n-Butylbenzene	12.086	91	159	1.294 ug/l #		33
95) Naphthalene	14.092	128	309	0.972 ug/l #		69

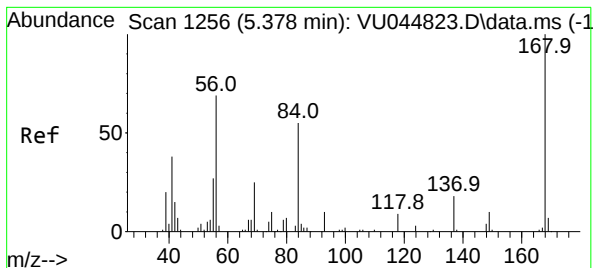
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 25 09:30:46 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. 0.001 min

Lab File: VU044851.D

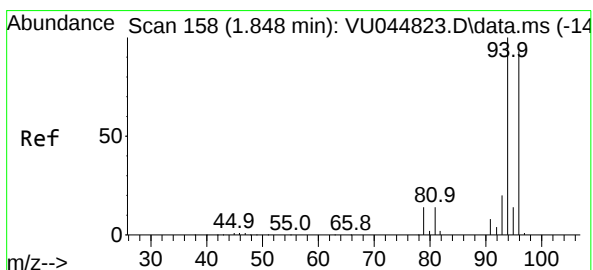
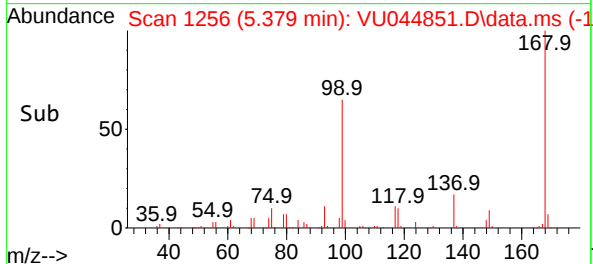
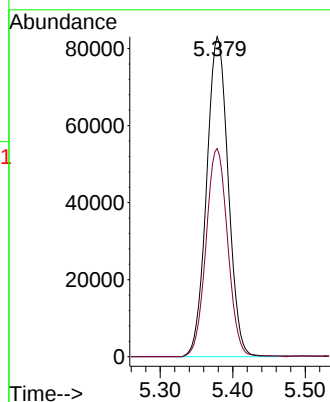
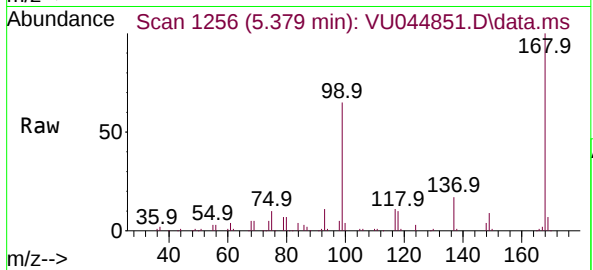
Acq: 25 Sep 2021 20:52

Tgt Ion:168 Resp: 171694

Ion Ratio Lower Upper

168 100

99 65.1 51.4 77.0



#5

Bromomethane

Concen: Below Cal

RT: 1.858 min Scan# 161

Delta R.T. 0.010 min

Lab File: VU044851.D

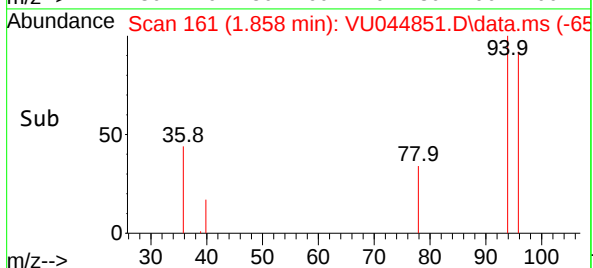
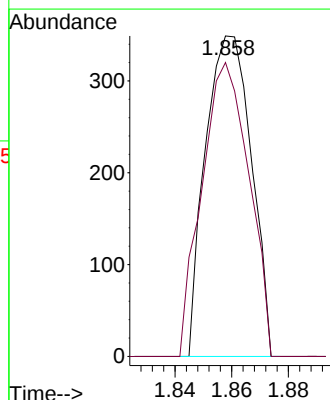
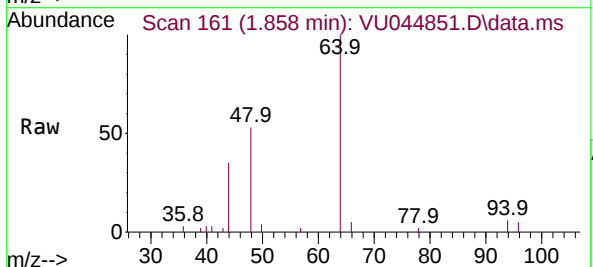
Acq: 25 Sep 2021 20:52

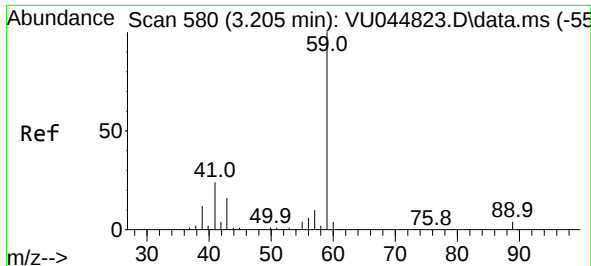
Tgt Ion: 94 Resp: 392

Ion Ratio Lower Upper

94 100

96 91.7 74.5 111.7

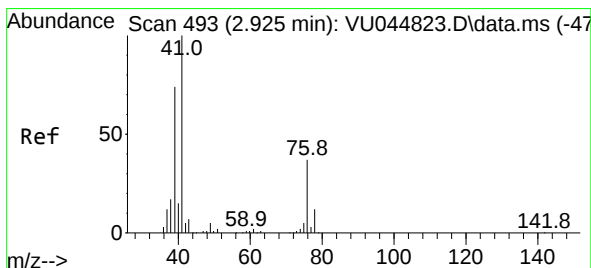
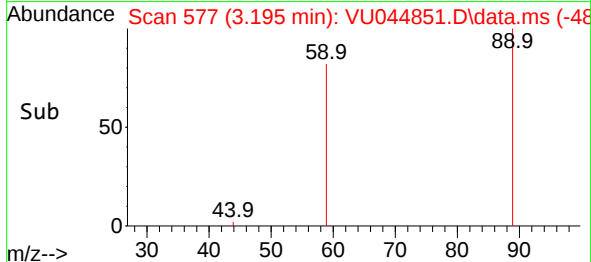
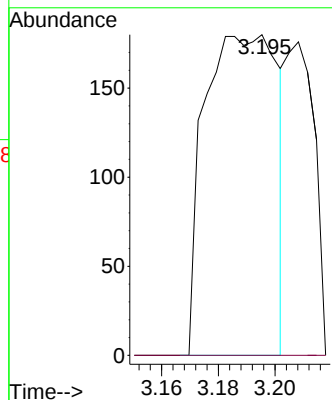
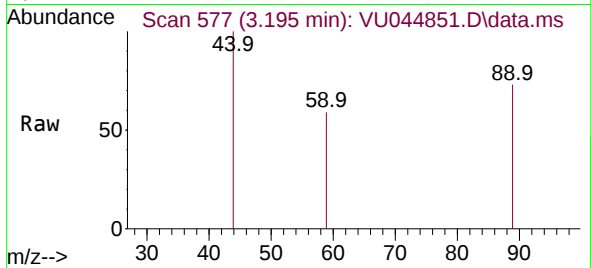




#11
Tert butyl alcohol
Concen: 0.365 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.010 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

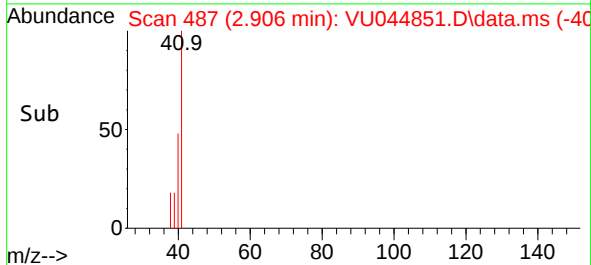
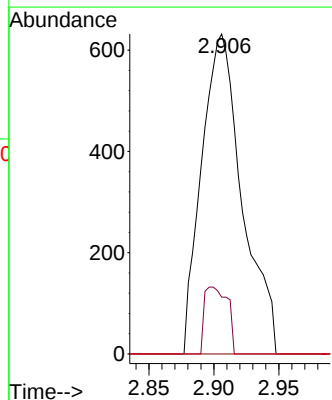
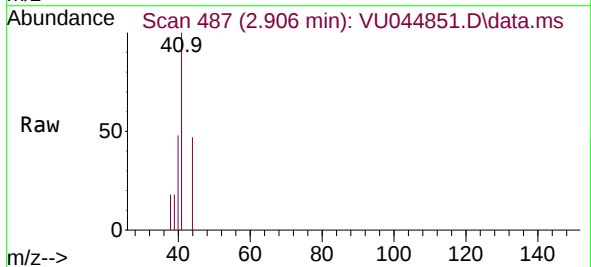
Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

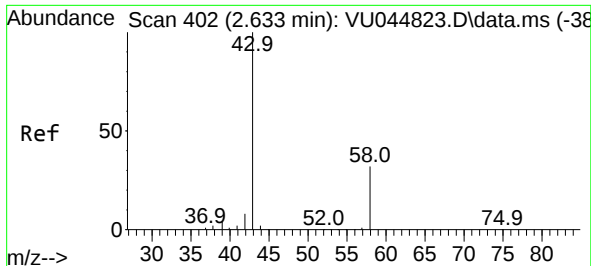
Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.343 ug/l
RT: 2.906 min Scan# 487
Delta R.T. -0.019 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 41 Resp: 1377
Ion Ratio Lower Upper
41 100
39 11.8 53.0 79.6#
76 0.0 25.7 38.5#

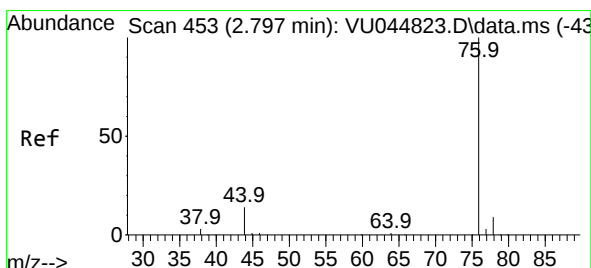
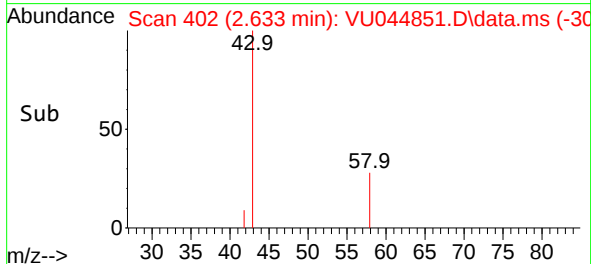
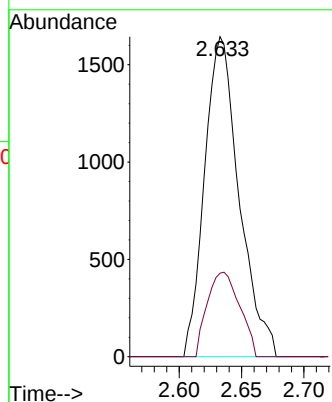
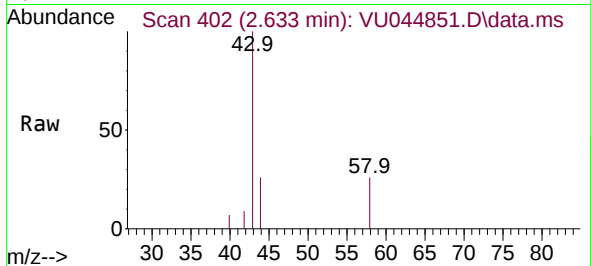




#16
Acetone
Concen: 1.878 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

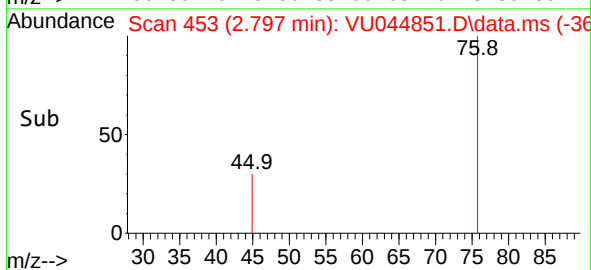
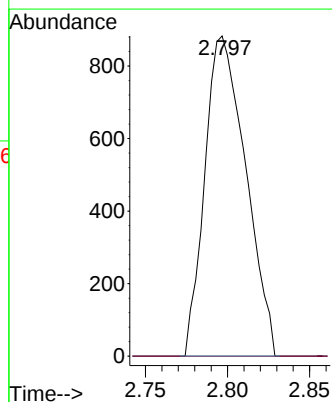
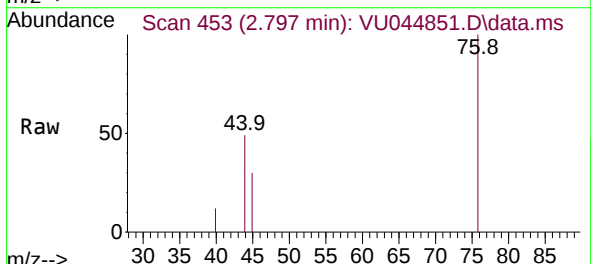
Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

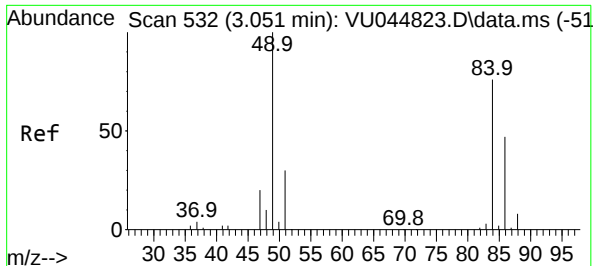
Tgt Ion: 43 Resp: 3174
Ion Ratio Lower Upper
43 100
58 26.1 25.2 37.8



#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 76 Resp: 1529
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



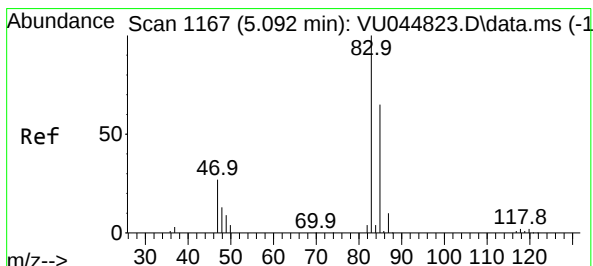
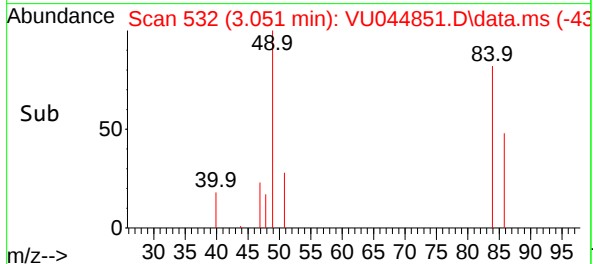
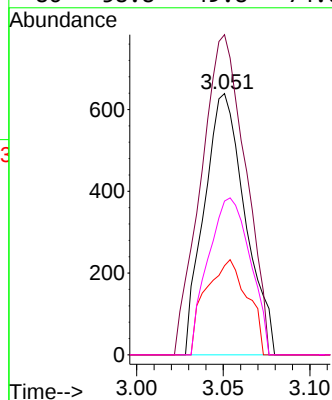
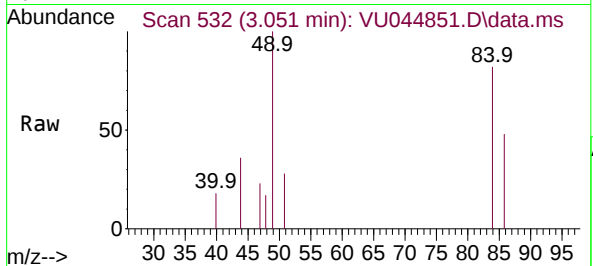


#20
Methylene Chloride
Concen: 0.385 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

Tgt Ion: 84 Resp: 1053

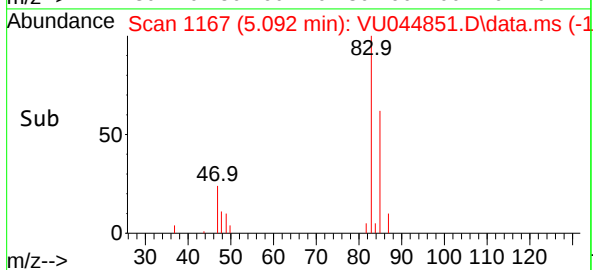
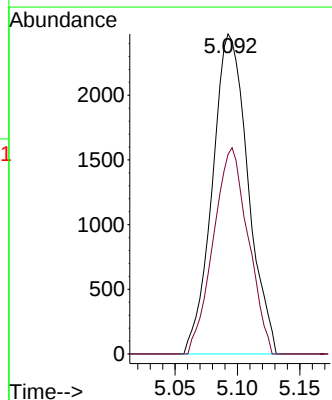
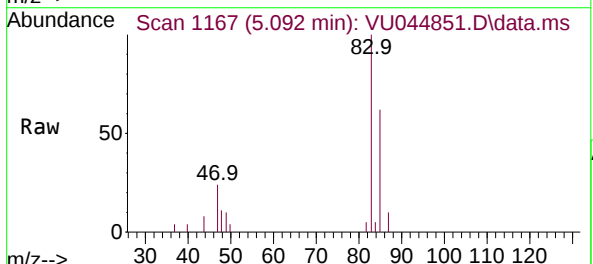
Ion	Ratio	Lower	Upper
84	100		
49	122.5	104.9	157.3
51	34.1	31.8	47.8
86	58.8	49.8	74.6

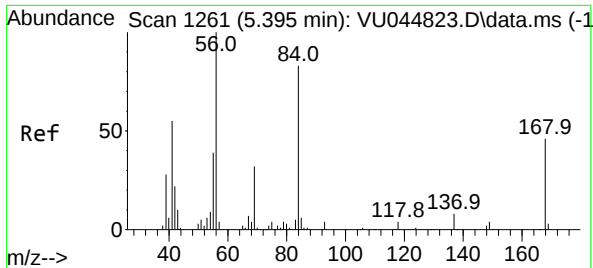


#30
Chloroform
Concen: 1.063 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 83 Resp: 4918

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.1	78.1

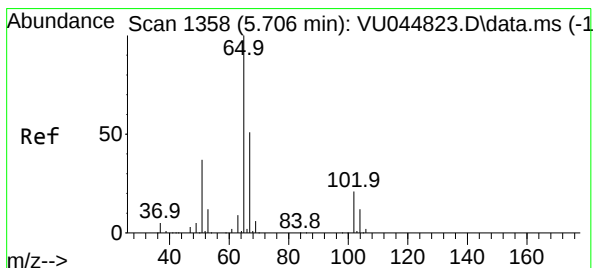
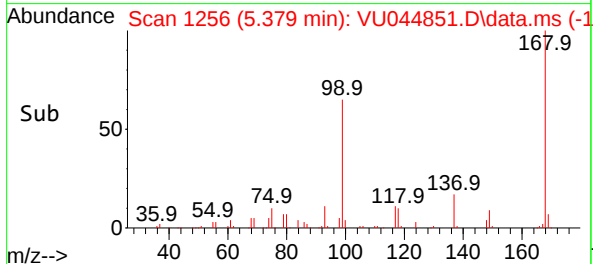
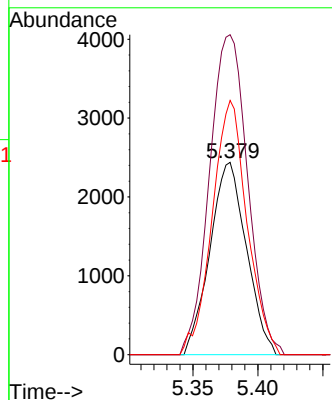
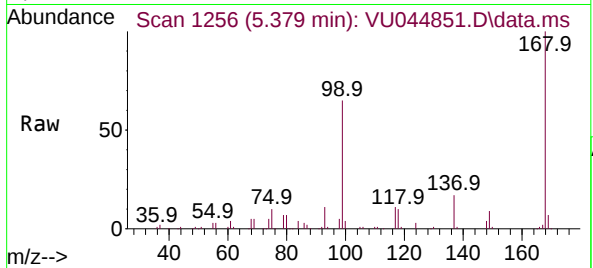




#31
Cyclohexane
Concen: 1.107 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

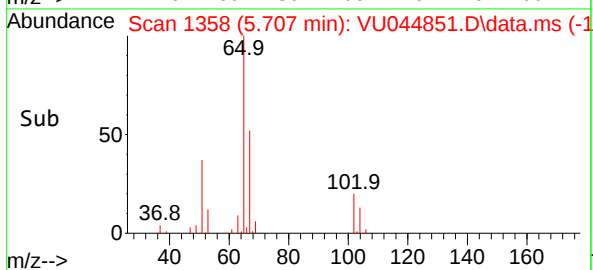
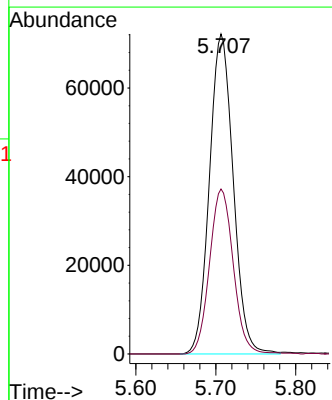
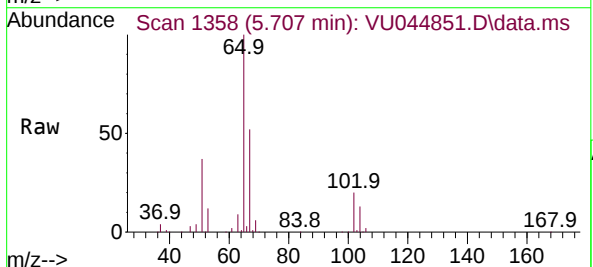
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ClientSampleId :
210922013-01-TRIP-BLANK

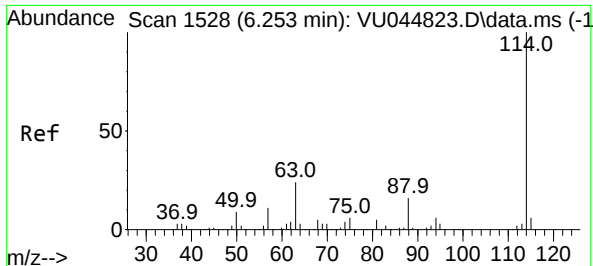
Tgt Ion: 56 Resp: 4764
Ion Ratio Lower Upper
56 100
69 166.4 25.2 37.8#
84 132.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.770 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 65 Resp: 149137
Ion Ratio Lower Upper
65 100
67 51.5 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: VU044851.D

Acq: 25 Sep 2021 20:52

Tgt Ion:114 Resp: 307352

Ion Ratio Lower Upper

114 100

63 24.0 0.0 47.8

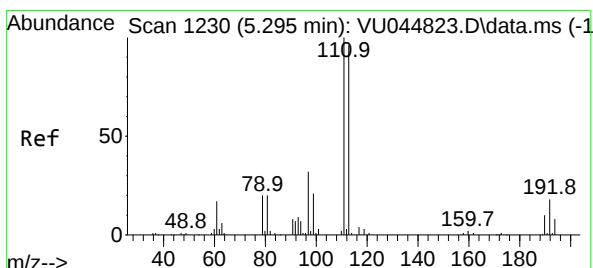
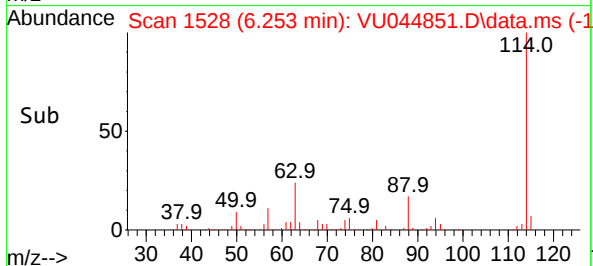
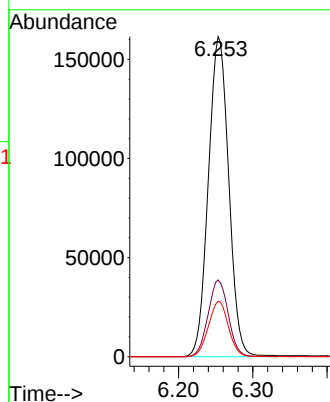
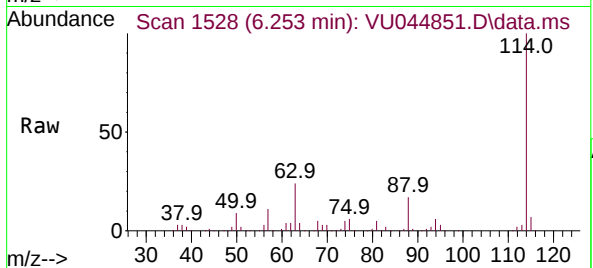
88 17.3 0.0 32.8

Instrument :

MSVOA_U

ClientSampleId :

210922013-01-TRIP-BLANK



#35

Dibromofluoromethane

Concen: 48.840 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VU044851.D

Acq: 25 Sep 2021 20:52

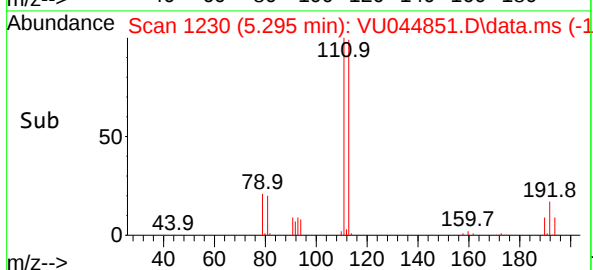
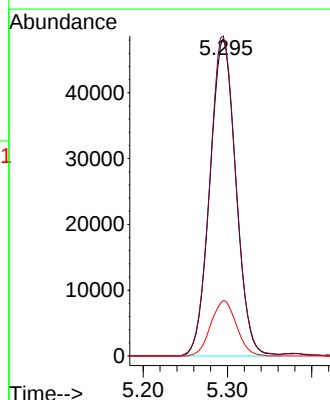
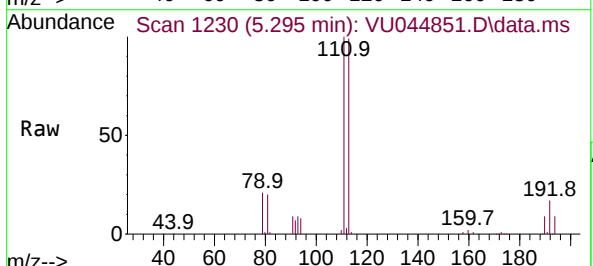
Tgt Ion:113 Resp: 102979

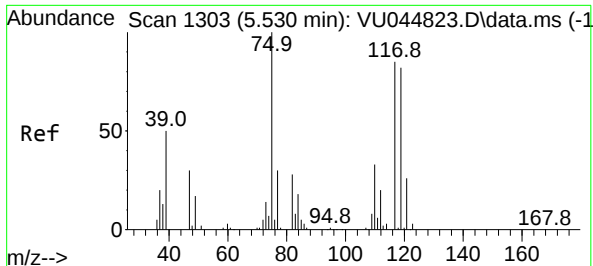
Ion Ratio Lower Upper

113 100

111 101.8 84.1 126.1

192 17.2 14.8 22.2



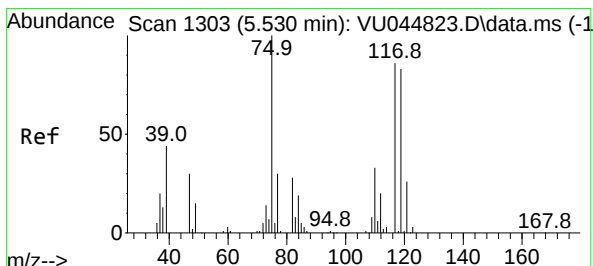
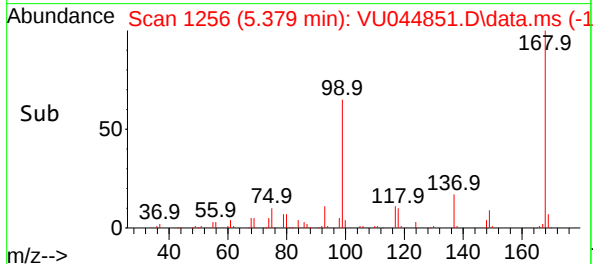
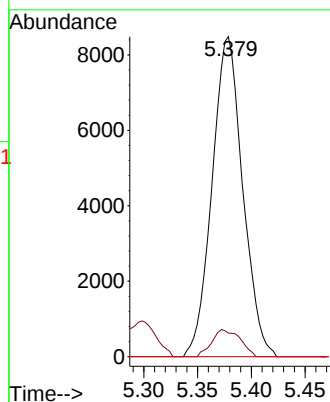
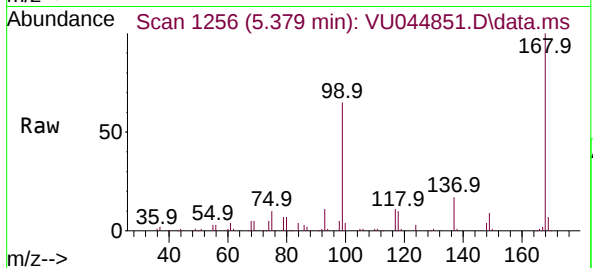


#36

1,1-Dichloropropene
Concen: 5.151 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

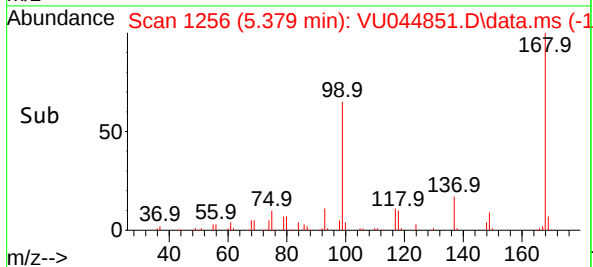
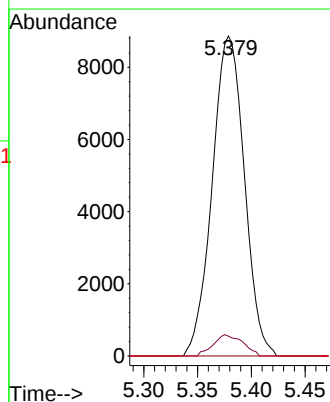
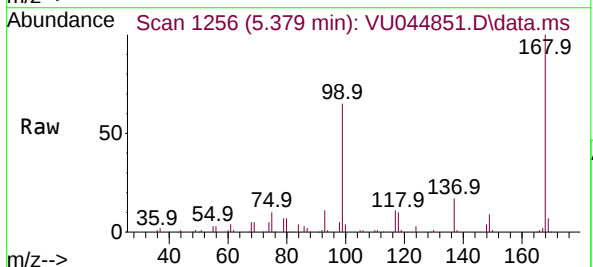
Tgt Ion: 75 Resp: 16799
Ion Ratio Lower Upper
75 100
110 7.8 16.3 48.9#
77 0.0 25.0 37.4#

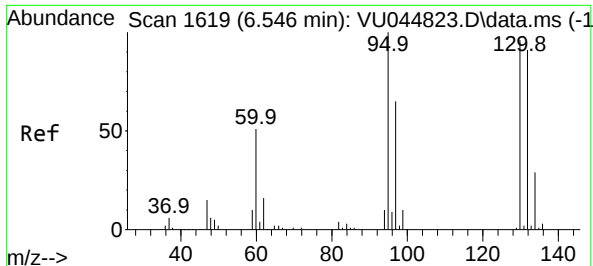


#38

Carbon Tetrachloride
Concen: 6.318 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 117 Resp: 18421
Ion Ratio Lower Upper
117 100
119 6.2 77.4 116.2#
121 0.0 24.5 36.7#

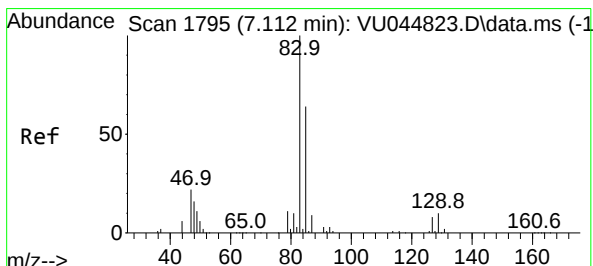
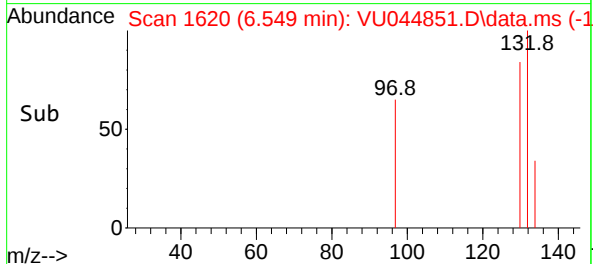
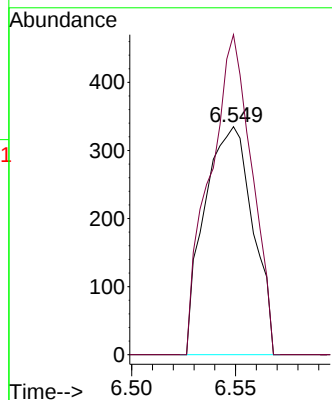
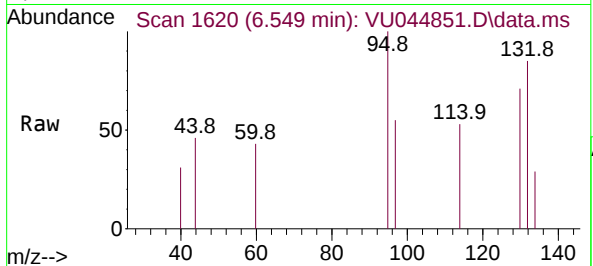




#44
Trichloroethene
Concen: 0.226 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

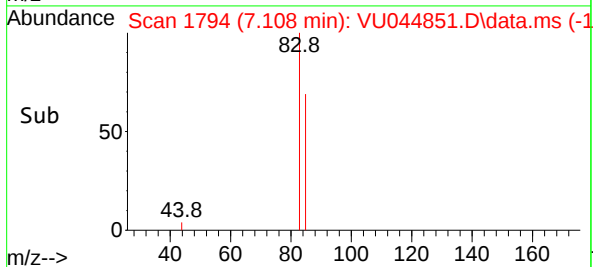
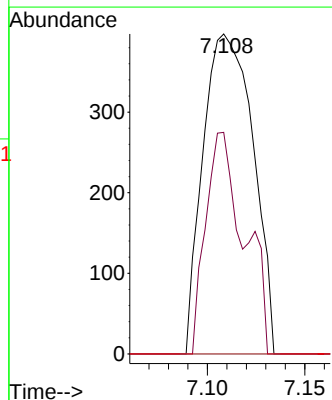
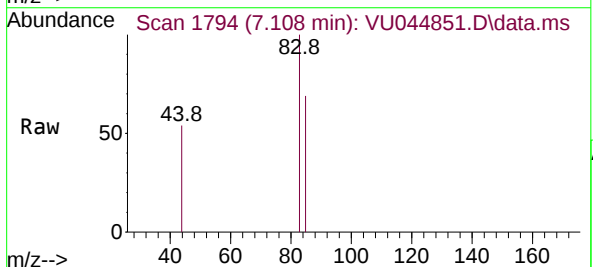
Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

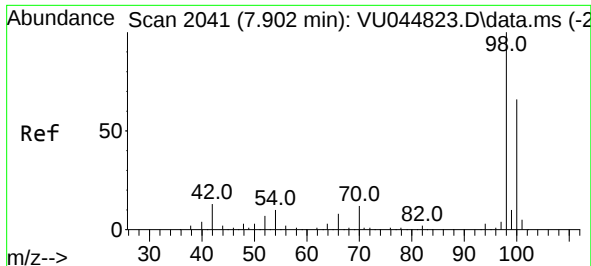
Tgt Ion:130 Resp: 541
Ion Ratio Lower Upper
130 100
95 140.3 0.0 209.0



#47
Bromodichloromethane
Concen: 0.202 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 83 Resp: 709
Ion Ratio Lower Upper
83 100
85 69.3 51.6 77.4
127 0.0 6.2 9.4#

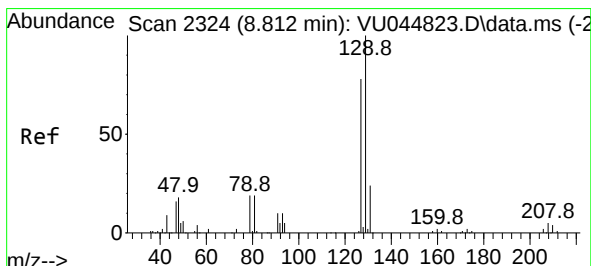
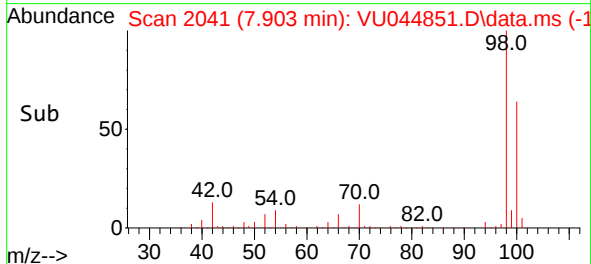
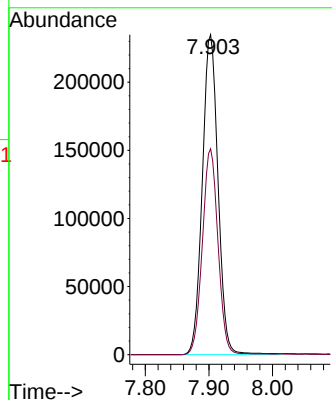
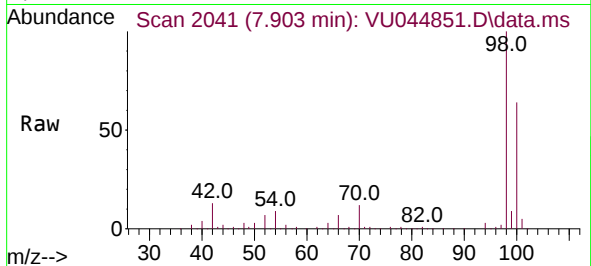




#50
Toluene-d8
Concen: 50.638 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

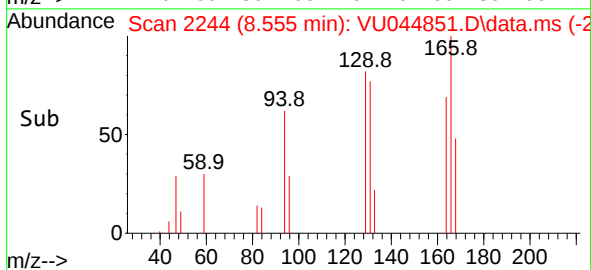
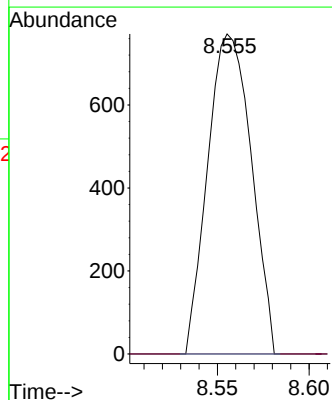
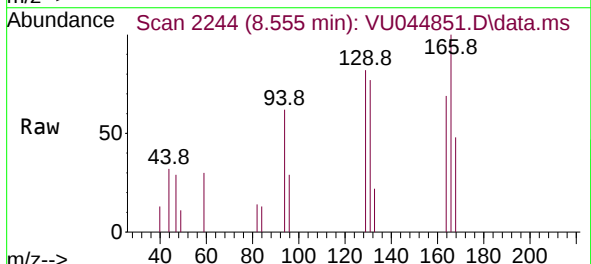
Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

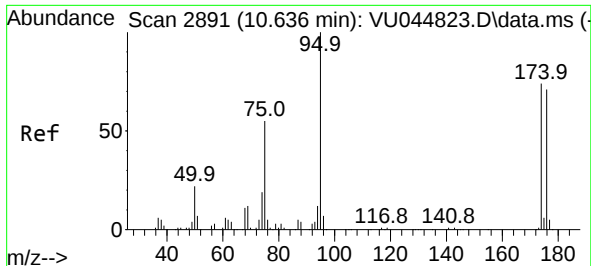
Tgt Ion: 98 Resp: 403247
Ion Ratio Lower Upper
98 100
100 63.7 52.5 78.7



#60
Dibromochloromethane
Concen: 0.524 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 129 Resp: 1276
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

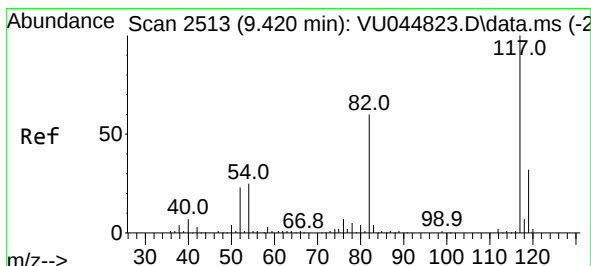
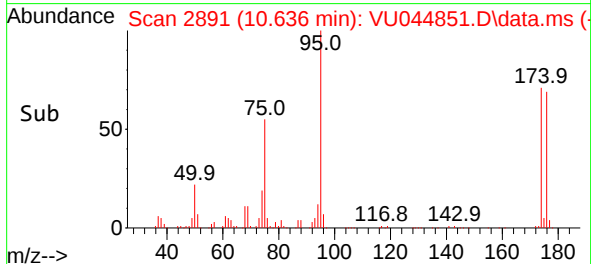
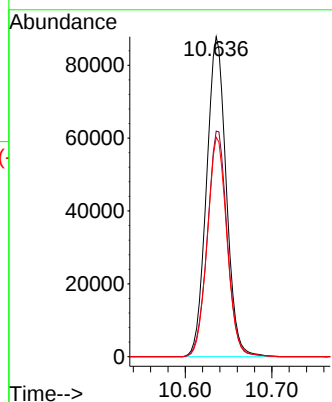
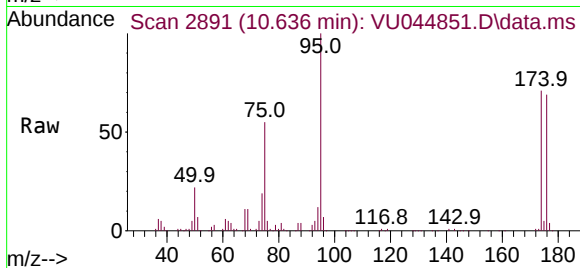




#62
4-Bromofluorobenzene
Concen: 46.888 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

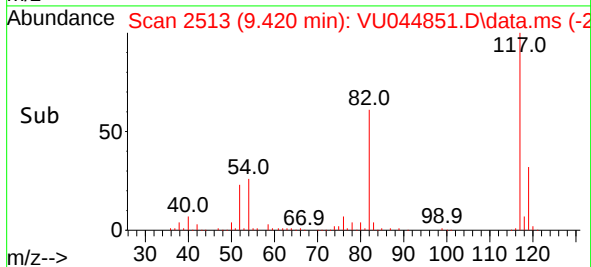
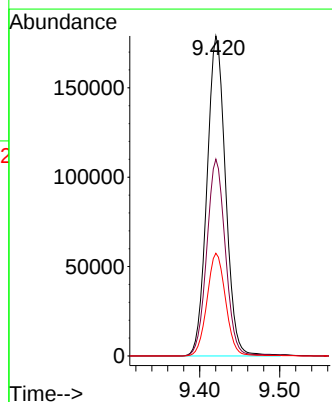
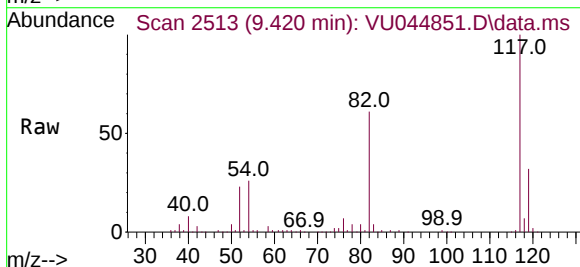
Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

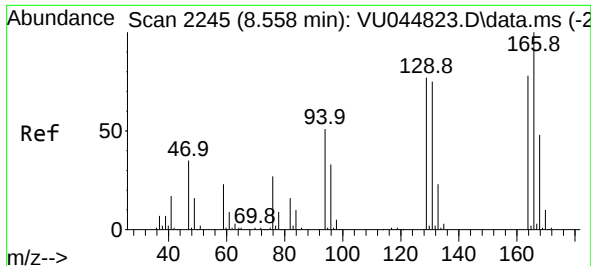
Tgt Ion: 95 Resp: 138681
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.6
176 68.6 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 117 Resp: 290439
Ion Ratio Lower Upper
117 100
82 61.5 47.8 71.8
119 32.1 25.8 38.6



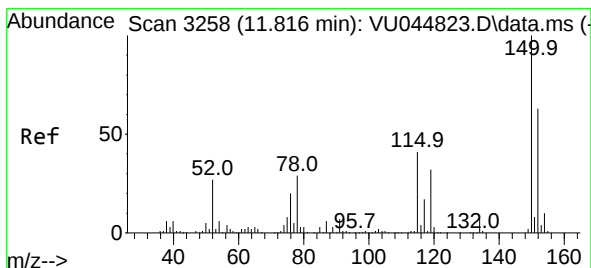
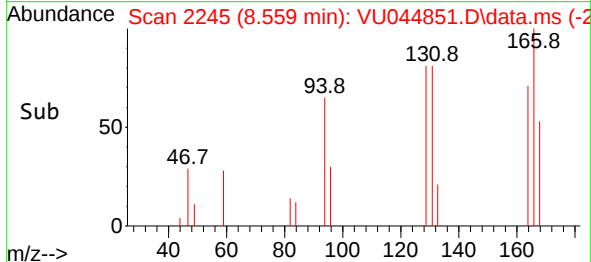
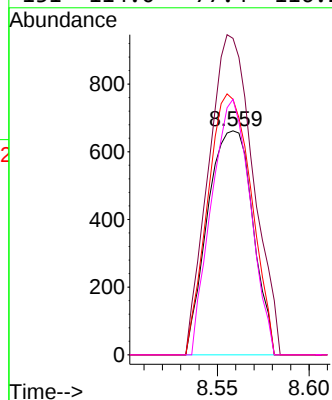
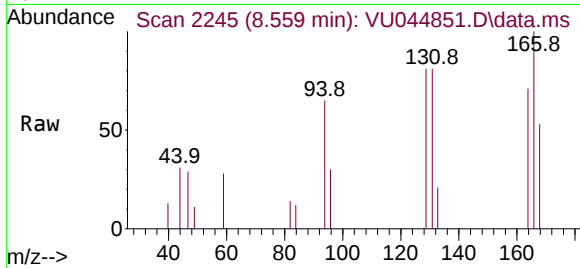


#64
Tetrachloroethene
Concen: 0.578 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

Tgt Ion:164 Resp: 1138

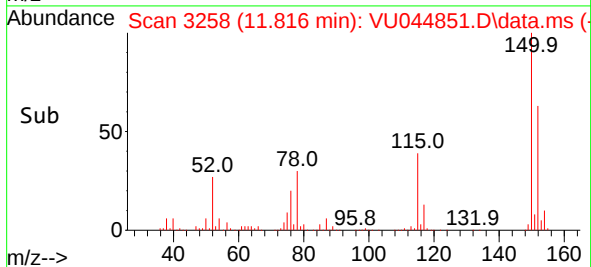
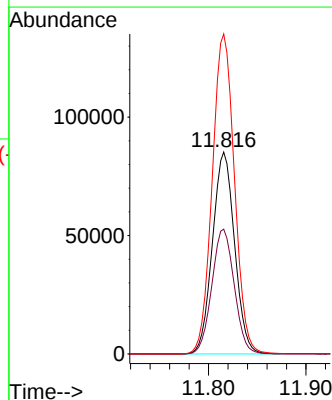
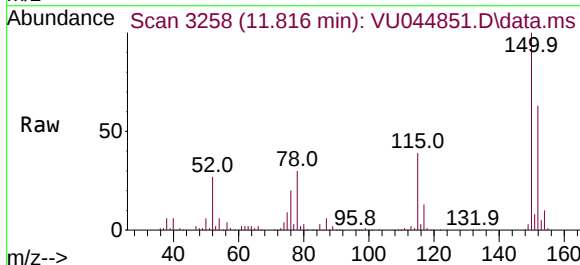
Ion	Ratio	Lower	Upper
164	100		
166	141.2	102.8	154.2
129	114.0	79.4	119.2
131	114.0	77.4	116.2

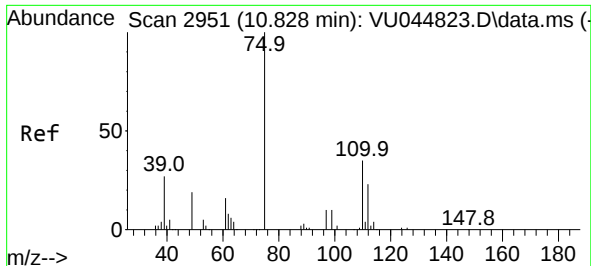


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion:152 Resp: 134572

Ion	Ratio	Lower	Upper
152	100		
115	62.5	43.5	130.7
150	158.8	0.0	350.0

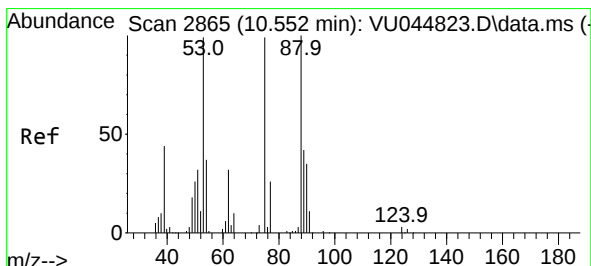
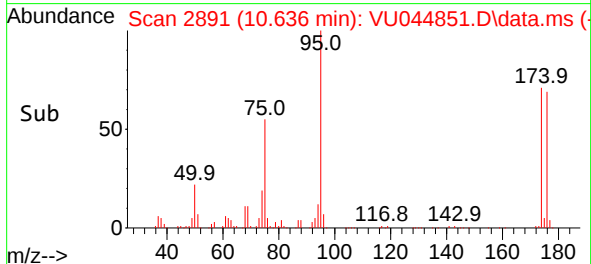
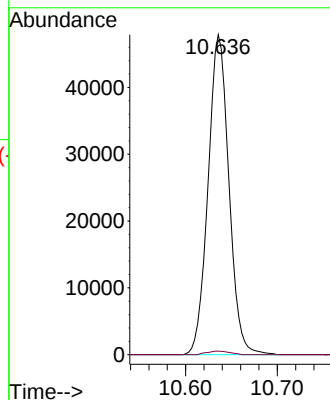
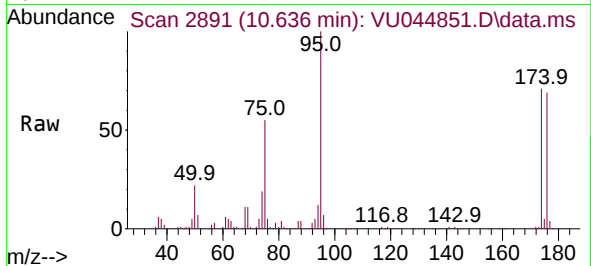




#76
1,2,3-Trichloropropane
Concen: 18.563 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

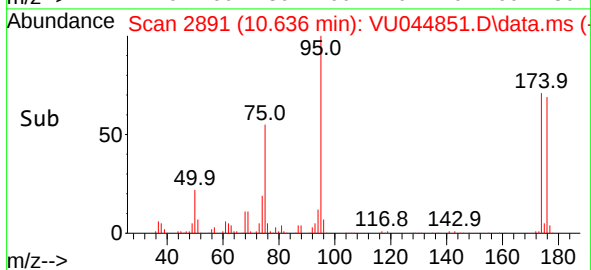
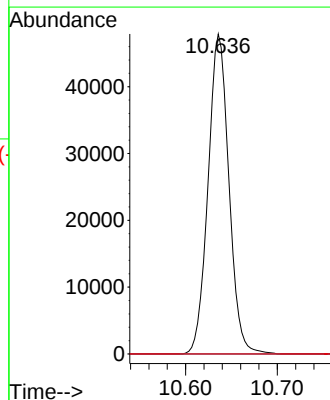
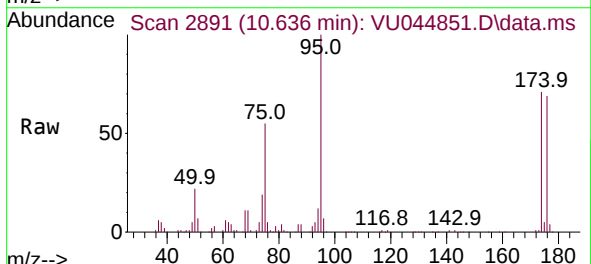
Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

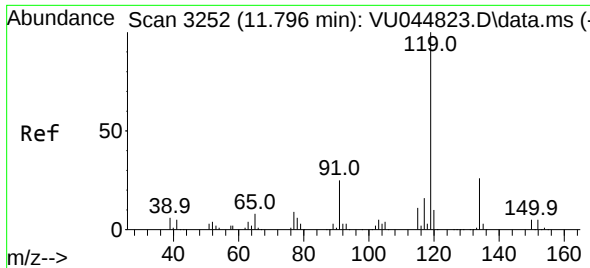
Tgt Ion: 75 Resp: 75644
Ion Ratio Lower Upper
75 100
77 1.2 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.133 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion: 75 Resp: 75644
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

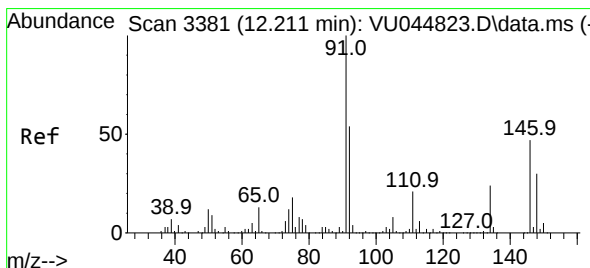
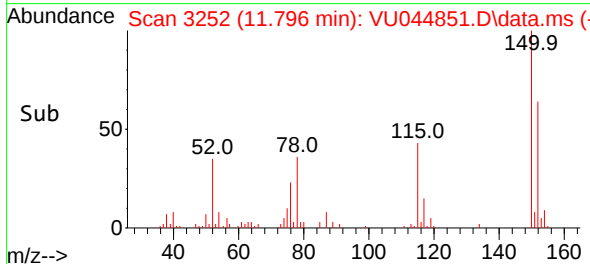
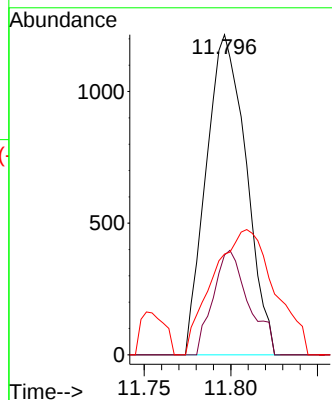
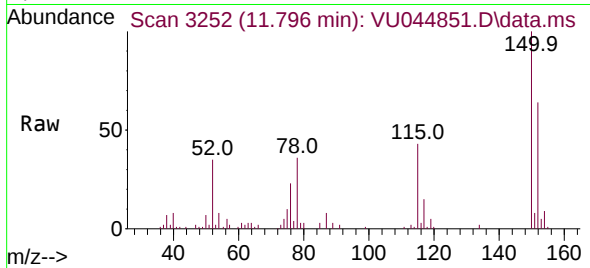




#86
p-Isopropyltoluene
Concen: 0.237 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

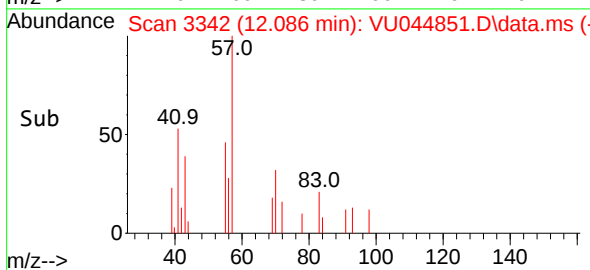
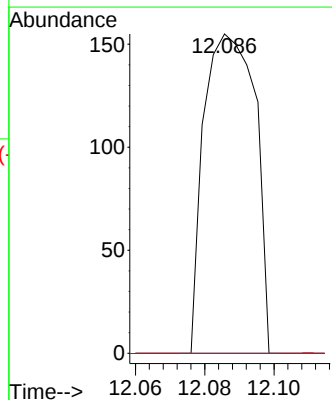
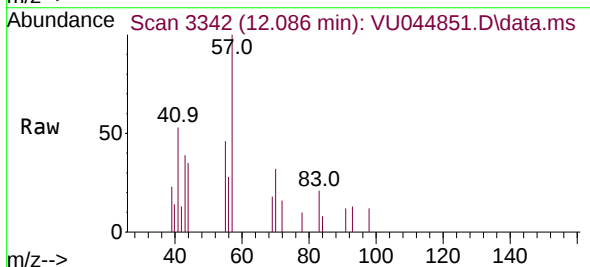
Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

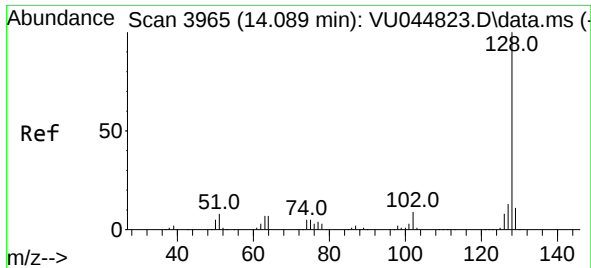
Tgt Ion:	119	Resp:	1949
Ion	Ratio	Lower	Upper
119	100		
134	29.1	12.8	38.3
91	60.2	12.2	36.6#



#89
n-Butylbenzene
Concen: 1.294 ug/l
RT: 12.086 min Scan# 3342
Delta R.T. -0.125 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Tgt Ion:	91	Resp:	159
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.4#
134	0.0	11.8	35.4#





#95
Naphthalene
Concen: 0.972 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044851.D
Acq: 25 Sep 2021 20:52

Instrument :
MSVOA_U
ClientSampleId :
210922013-01-TRIP-BLANK

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

