

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044868.D
 Acq On : 26 Sep 2021 04:17
 Operator : SY/MD
 Sample : M3888-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20895

Quant Time: Sep 27 03:15:56 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)

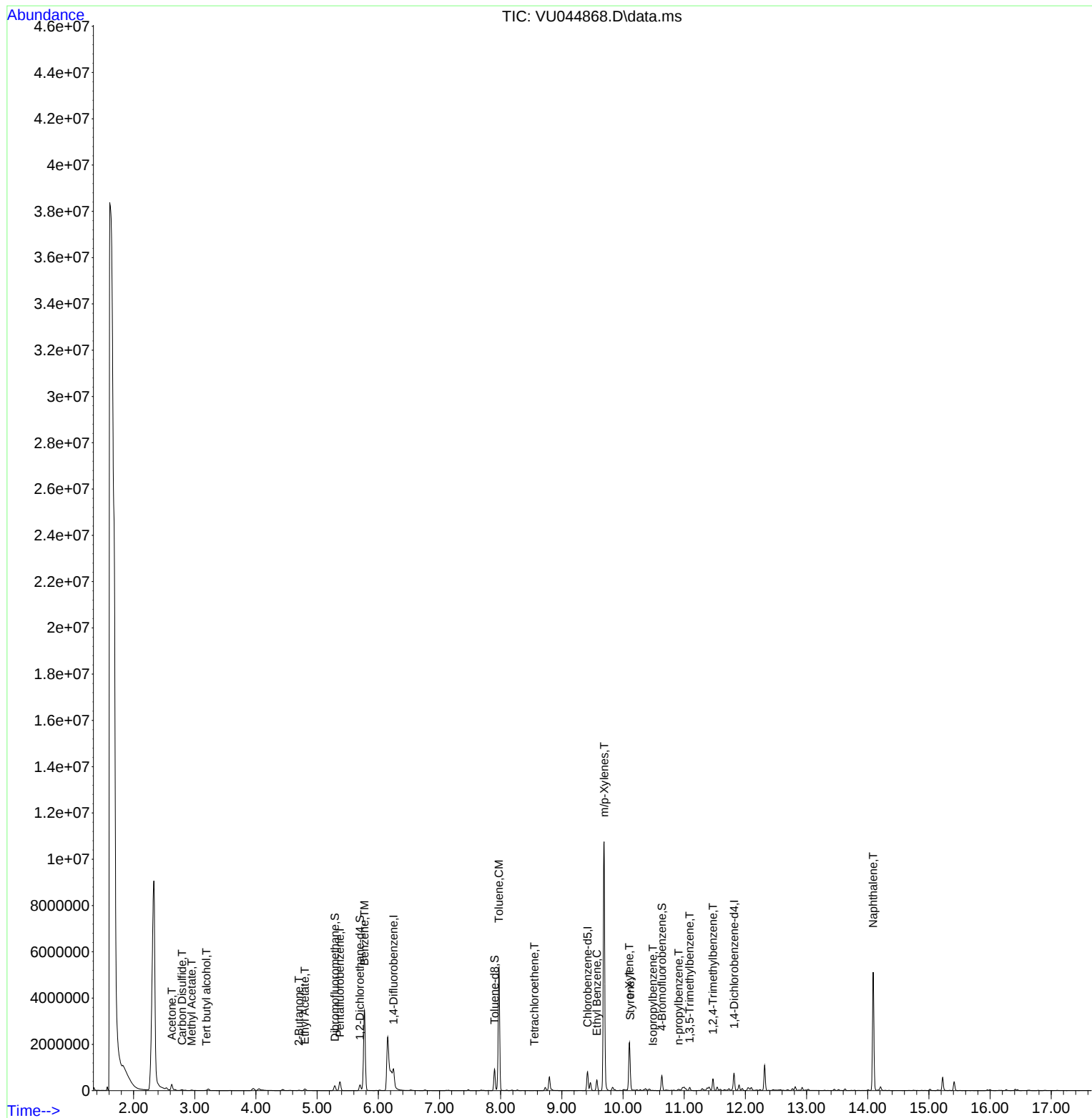
Internal Standards						
1) Pentafluorobenzene	5.372	168	243743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	448520	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	418954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	177348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	187536	44.085	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.160%	
35) Dibromofluoromethane	5.288	113	126450	41.096	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.200%	
50) Toluene-d8	7.899	98	576033	49.569	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.140%	
62) 4-Bromofluorobenzene	10.635	95	200258	46.396	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.800%	
Target Compounds						Qvalue
11) Tert butyl alcohol	3.192	59	19560	15.754	ug/l #	85
16) Acetone	2.623	43	324535	135.249	ug/l	100
17) Carbon Disulfide	2.793	76	34924	4.230	ug/l	97
18) Methyl Acetate	2.948	43	42762	5.334	ug/l	95
25) 2-Butanone	4.703	43	24990	6.864	ug/l	99
37) Ethyl Acetate	4.800	43	98245	14.070	ug/l #	94
40) Benzene	5.774	78	3128055	215.594	ug/l	100
52) Toluene	7.973	92	2151908	248.074	ug/l	100
64) Tetrachloroethene	8.552	164	943	0.332	ug/l	89
67) Ethyl Benzene	9.571	91	312180	20.110	ug/l	99
68) m/p-Xylenes	9.693	106	697547	117.485	ug/l	98
69) o-Xylene	10.102	106	469907	81.848	ug/l	98
70) Styrene	10.118	104	243520	23.246	ug/l #	75
73) Isopropylbenzene	10.488	105	10040	0.798	ug/l	97
78) n-propylbenzene	10.909	91	26714	1.751	ug/l	87
80) 1,3,5-Trimethylbenzene	11.089	105	72610	6.810	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	265004	25.211	ug/l	96
95) Naphthalene	14.089	128	3727904	269.829	ug/l	100

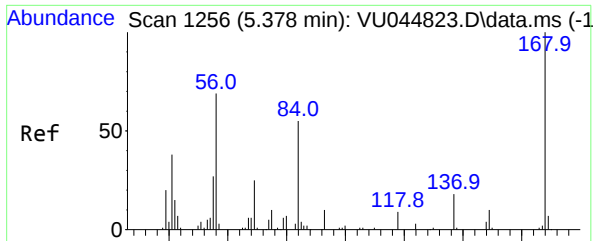
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
Data File : VU044868.D
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

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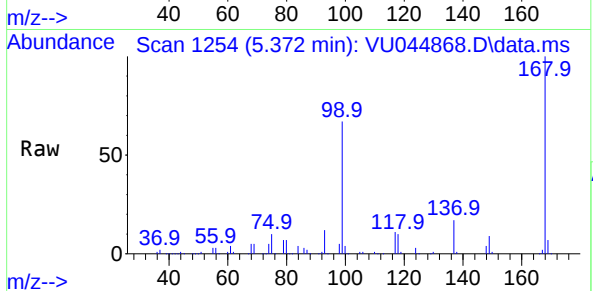
Quant Time: Sep 27 03:15:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 25 09:30:46 2021
Response via : Initial Calibration



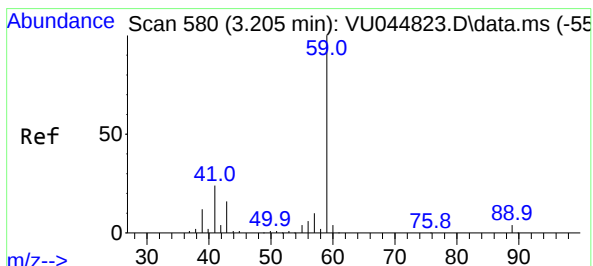
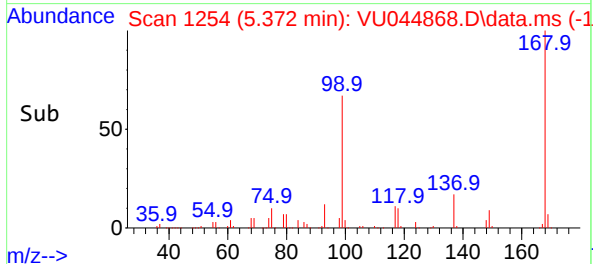
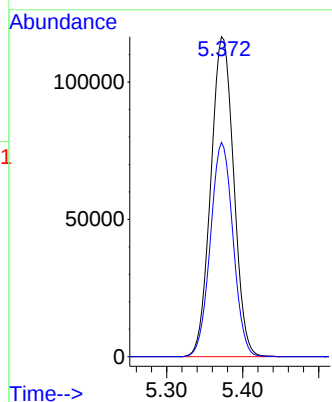


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Instrument :
MSVOA_U
ClientSampleId :
20895

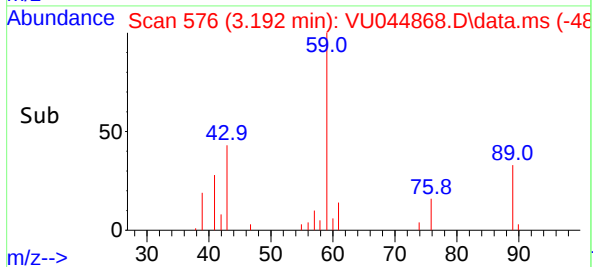
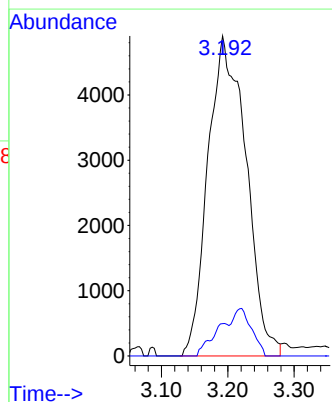
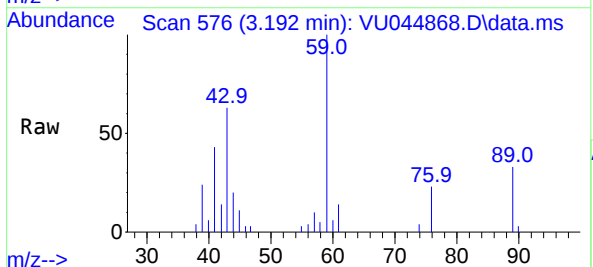


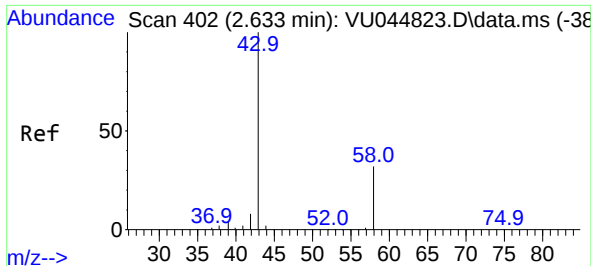
Tgt Ion:168 Resp: 243743
Ion Ratio Lower Upper
168 100
99 66.9 51.4 77.0



#11
Tert butyl alcohol
Concen: 15.754 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.013 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion: 59 Resp: 19560
Ion Ratio Lower Upper
59 100
57 4.8 8.3 12.5#

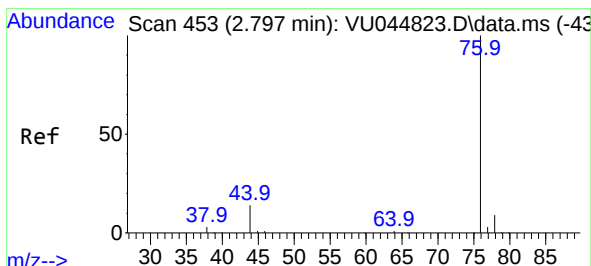
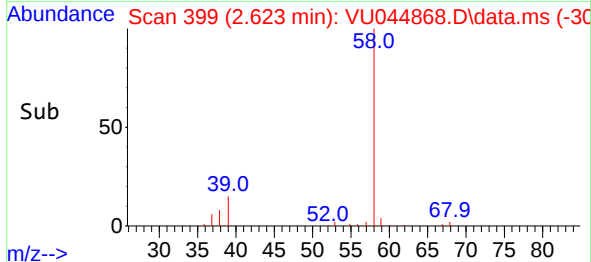
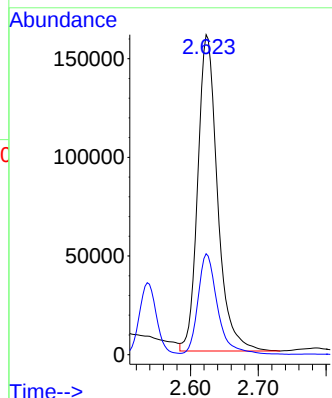
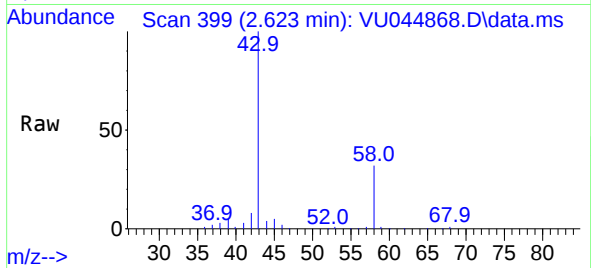




#16
Acetone
Concen: 135.249 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.010 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

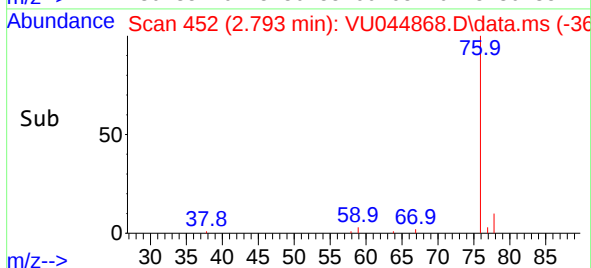
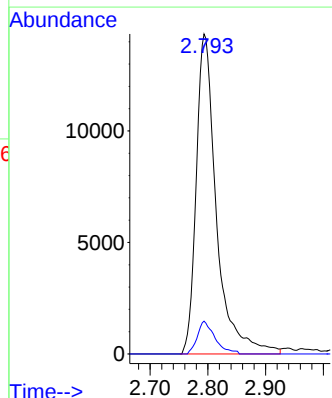
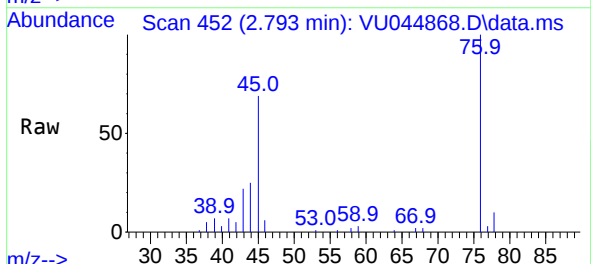
Instrument :
MSVOA_U
ClientSampleId :
20895

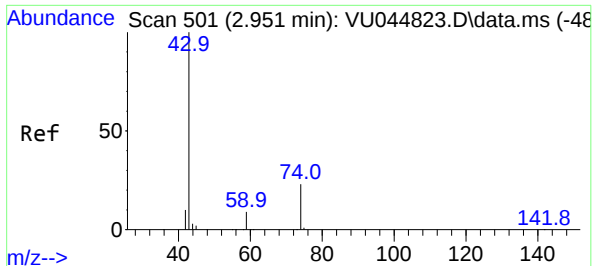
Tgt Ion: 43 Resp: 324535
Ion Ratio Lower Upper
43 100
58 31.7 25.2 37.8



#17
Carbon Disulfide
Concen: 4.230 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion: 76 Resp: 34924
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

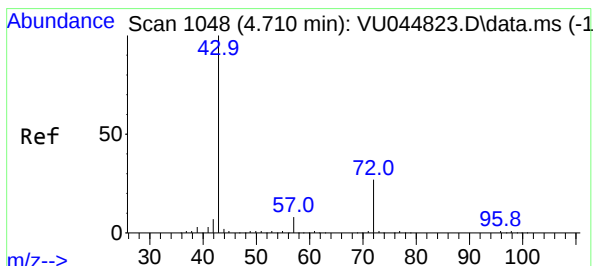
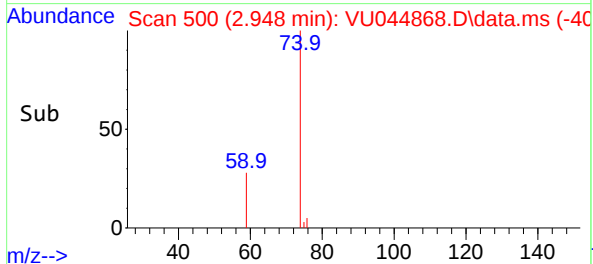
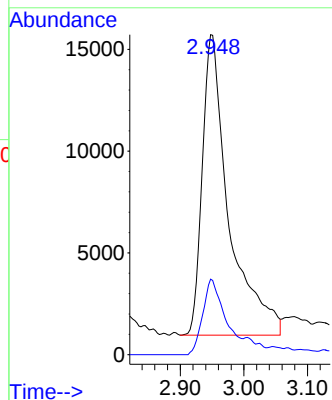
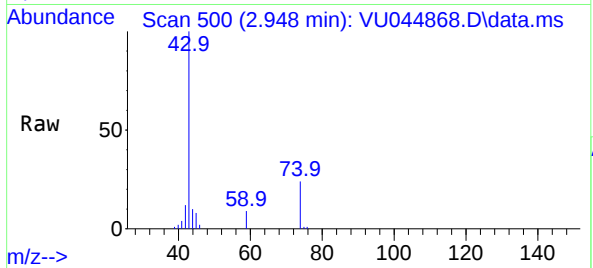




#18
Methyl Acetate
Concen: 5.334 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.003 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

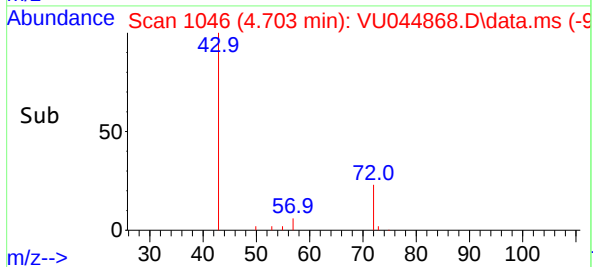
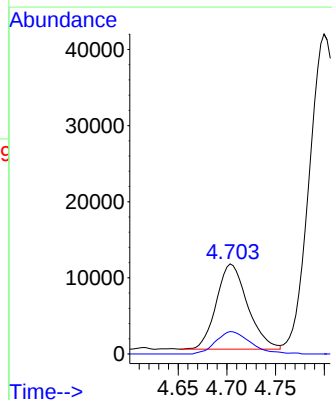
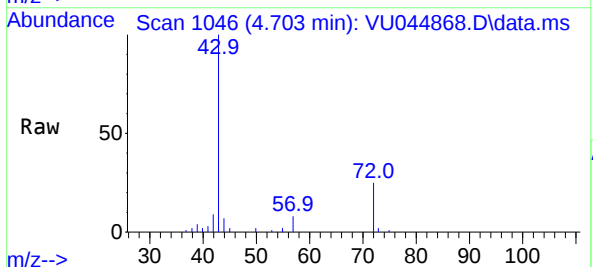
Instrument :
MSVOA_U
ClientSampled :
20895

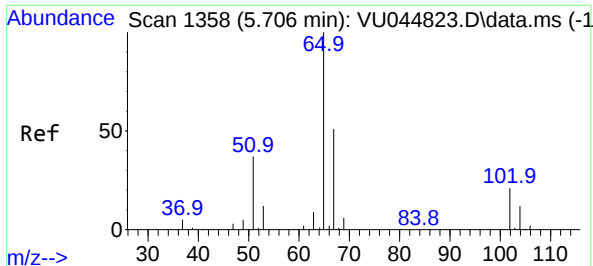
Tgt Ion: 43 Resp: 42762
Ion Ratio Lower Upper
43 100
74 21.3 19.0 28.6



#25
2-Butanone
Concen: 6.864 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion: 43 Resp: 24990
Ion Ratio Lower Upper
43 100
72 26.3 21.3 31.9



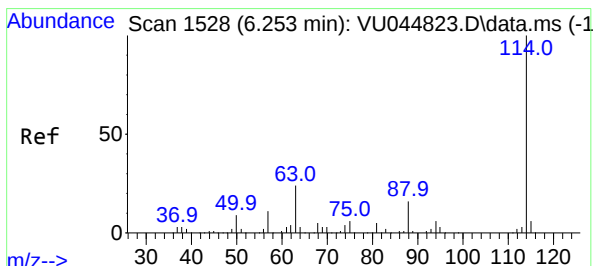
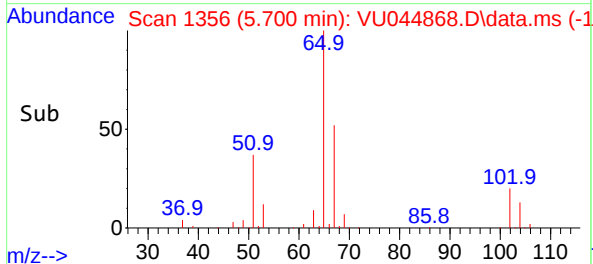
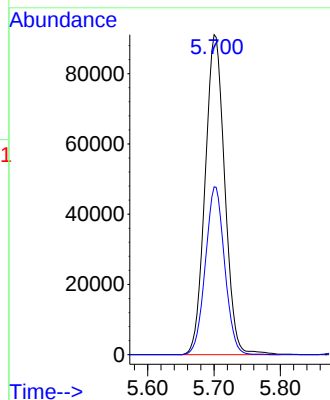
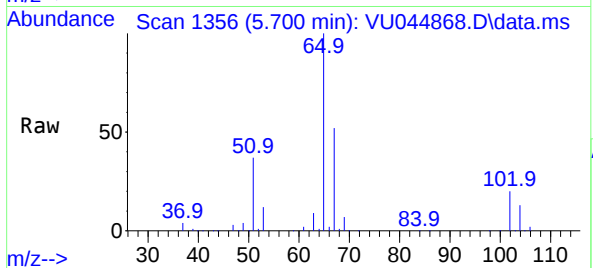


#33

1,2-Dichloroethane-d4
Concen: 44.085 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.006 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Instrument :
MSVOA_U
ClientSampleId :
20895

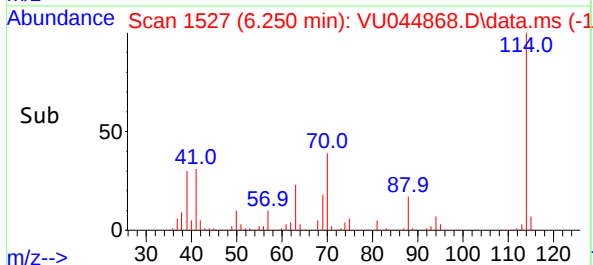
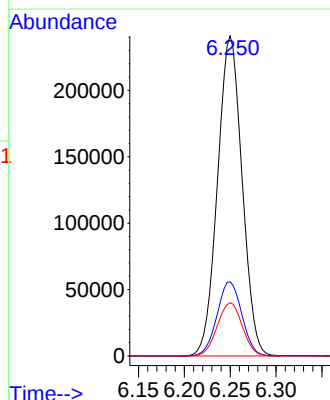
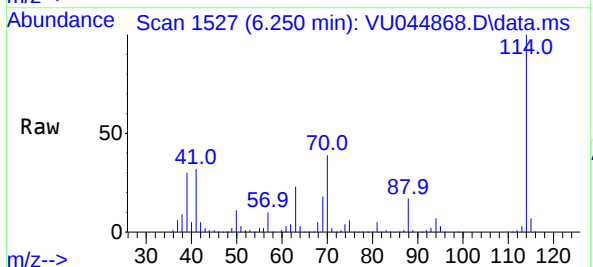
Tgt Ion: 65 Resp: 187536
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8

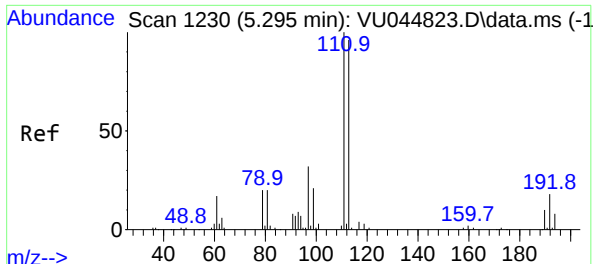


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion: 114 Resp: 448520
Ion Ratio Lower Upper
114 100
63 23.2 0.0 47.8
88 16.6 0.0 32.8



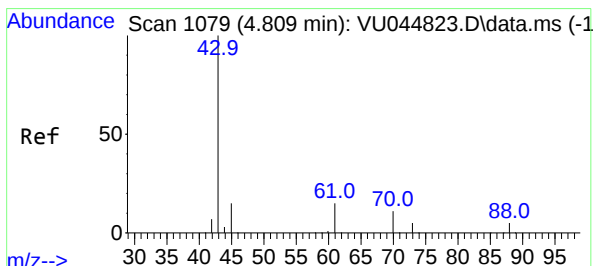
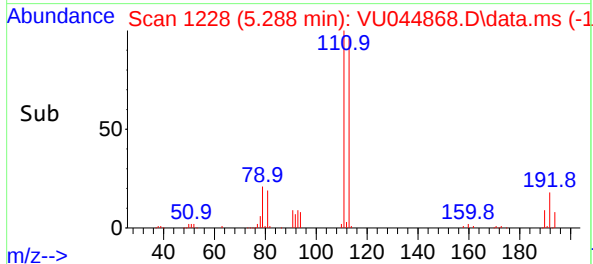
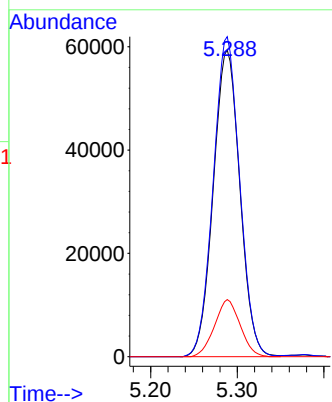
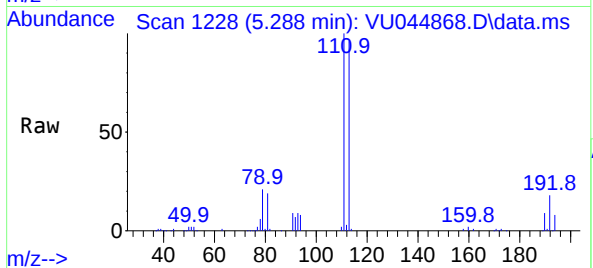


#35

Dibromofluoromethane
Concen: 41.096 ug/l
RT: 5.288 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Instrument :
MSVOA_U
ClientSampleId :
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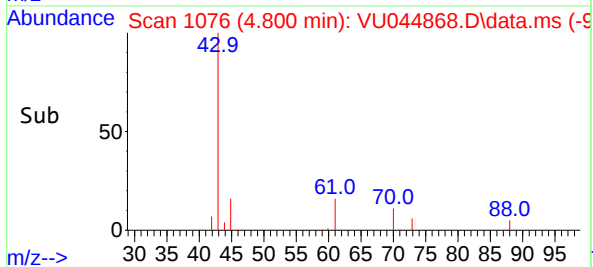
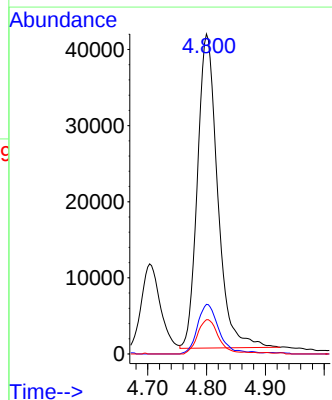
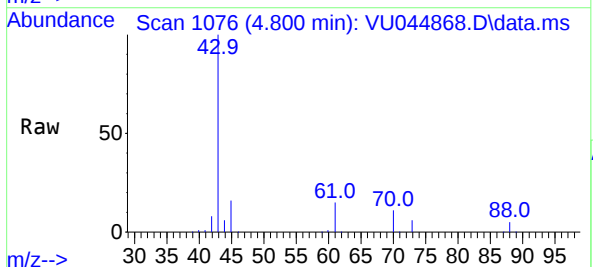
Tgt Ion:113 Resp: 126450
Ion Ratio Lower Upper
113 100
111 103.7 84.1 126.1
192 18.0 14.8 22.2

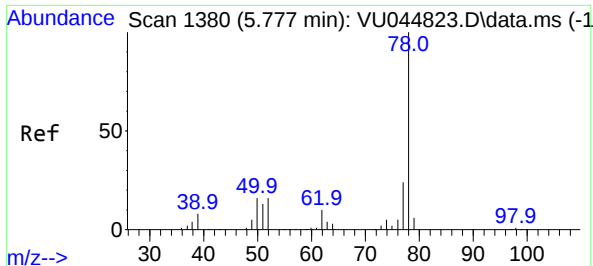


#37

Ethyl Acetate
Concen: 14.070 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. -0.010 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion: 43 Resp: 98245
Ion Ratio Lower Upper
43 100
61 16.7 10.9 16.3#
70 11.3 8.2 12.4

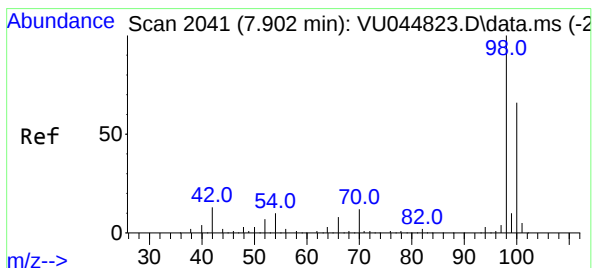
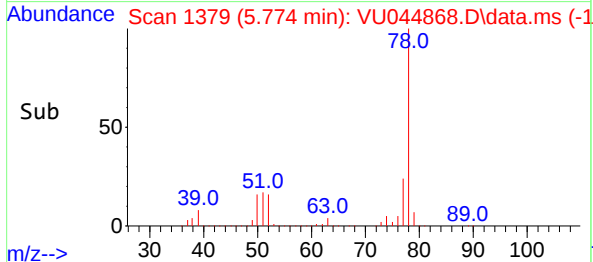
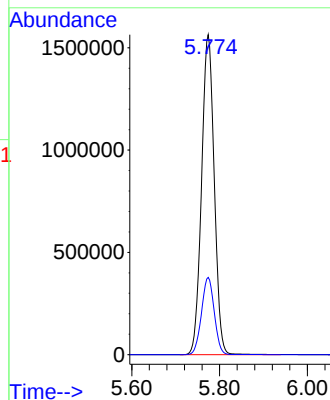
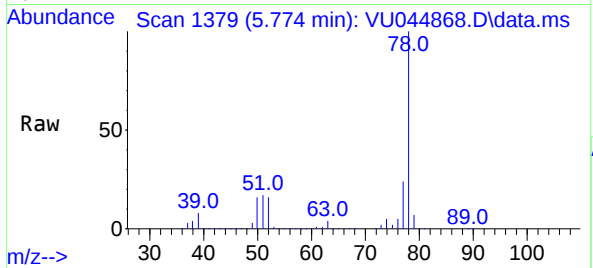




#40
Benzene
Concen: 215.594 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

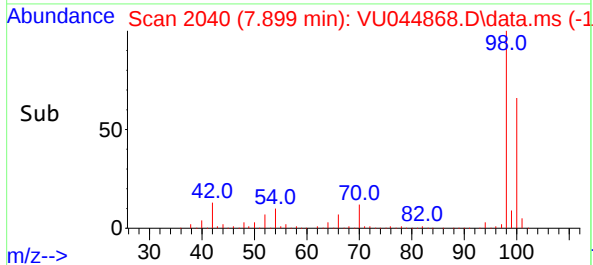
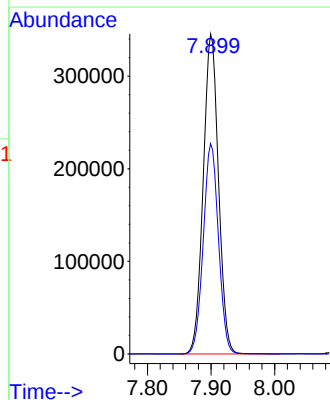
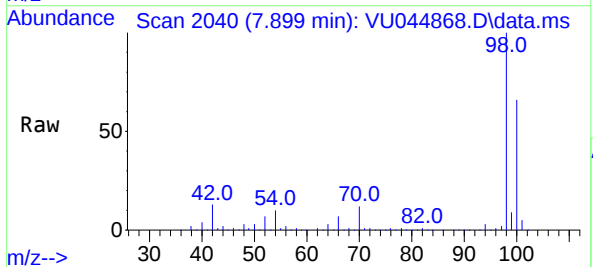
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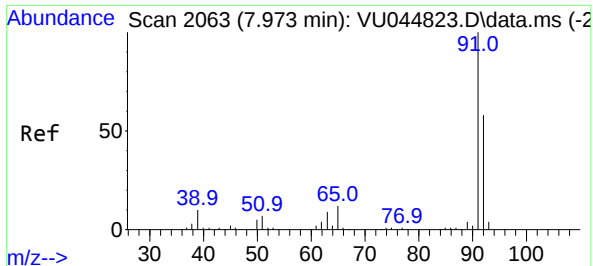
Tgt Ion: 78 Resp: 3128055
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7



#50
Toluene-d8
Concen: 49.569 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion: 98 Resp: 576033
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

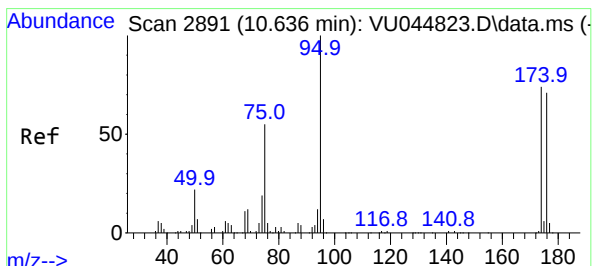
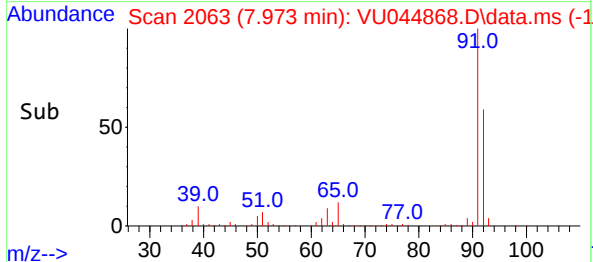
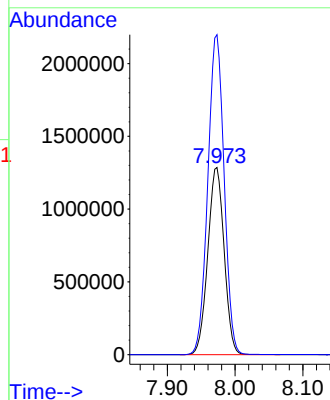
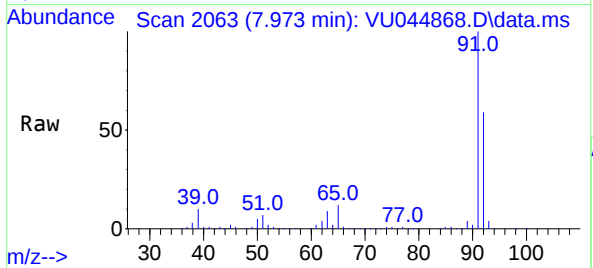




#52
Toluene
Concen: 248.074 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

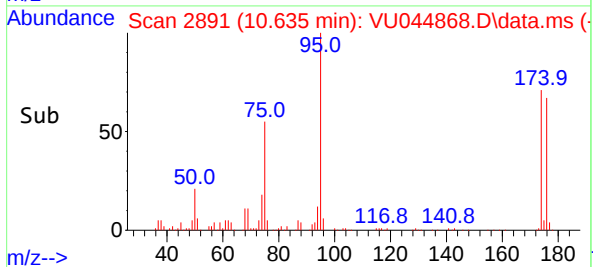
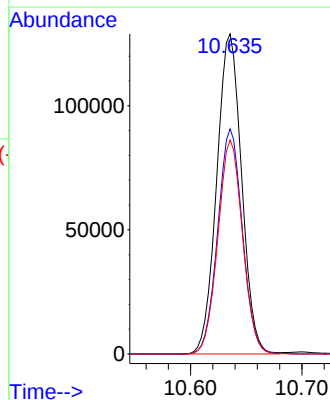
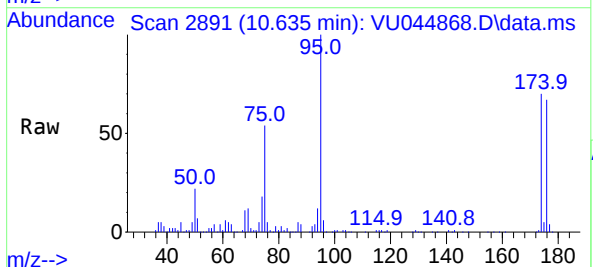
Instrument :
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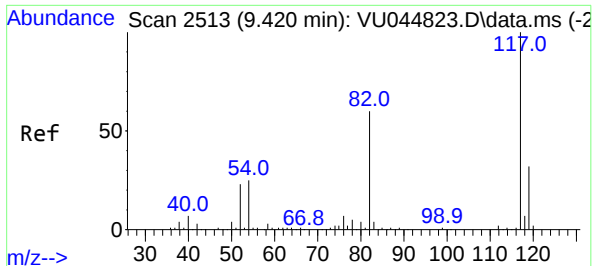
Tgt Ion: 92 Resp: 2151908
Ion Ratio Lower Upper
92 100
91 170.7 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 46.396 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion: 95 Resp: 200258
Ion Ratio Lower Upper
95 100
174 69.8 0.0 146.6
176 66.2 0.0 141.2

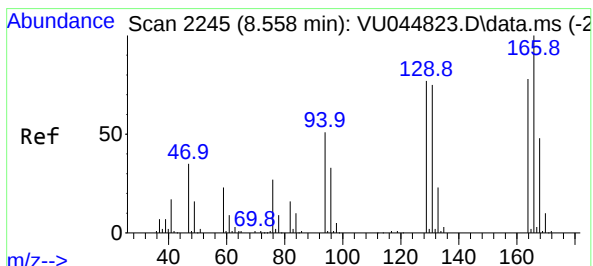
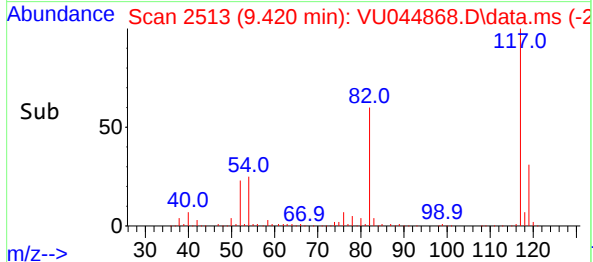
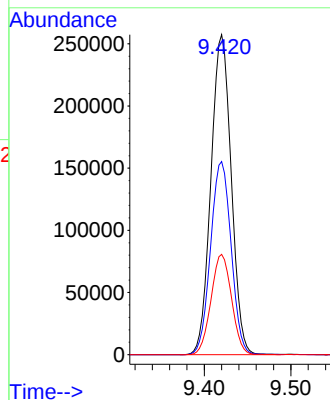
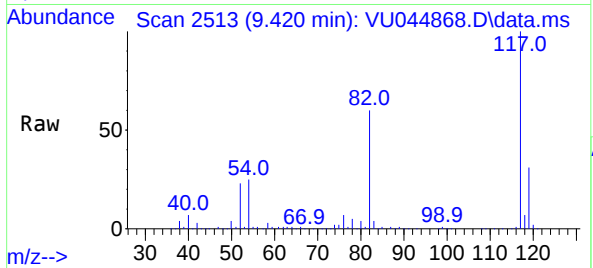




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

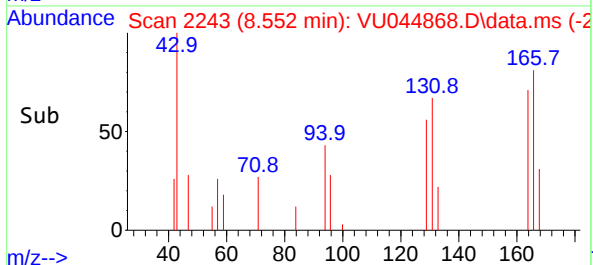
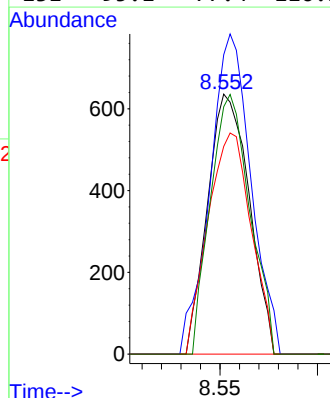
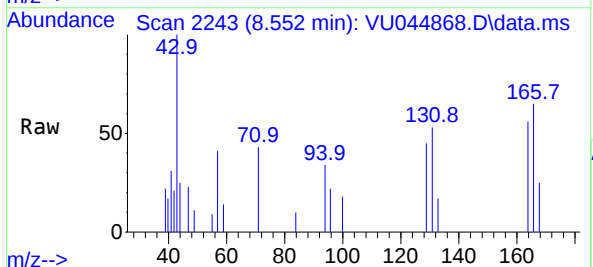
Instrument :
MSVOA_U
ClientSampleId :
20895

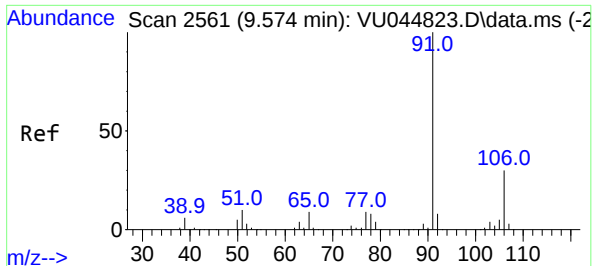
Tgt Ion:117 Resp: 418954
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 0.332 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.007 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion:164 Resp: 943
Ion Ratio Lower Upper
164 100
166 115.1 102.8 154.2
129 79.9 79.4 119.2
131 95.1 77.4 116.2





#67

Ethyl Benzene

Concen: 20.110 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU044868.D

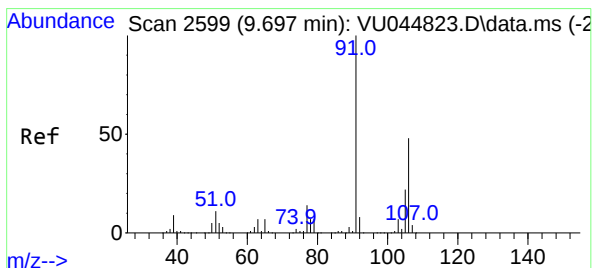
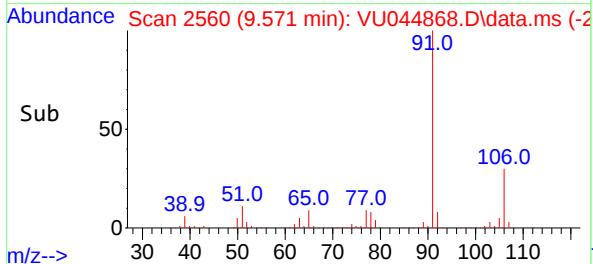
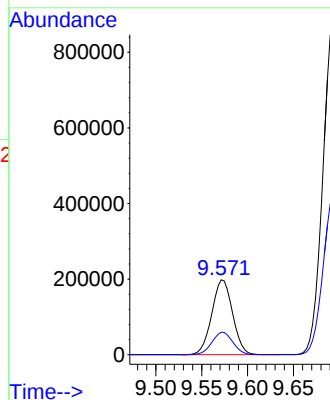
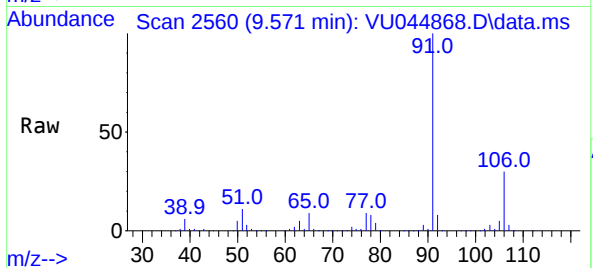
Acq: 26 Sep 2021 04:17

Tgt Ion: 91 Resp: 312180

Ion Ratio Lower Upper

91 100

106 30.0 24.3 36.5



#68

m/p-Xylenes

Concen: 117.485 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU044868.D

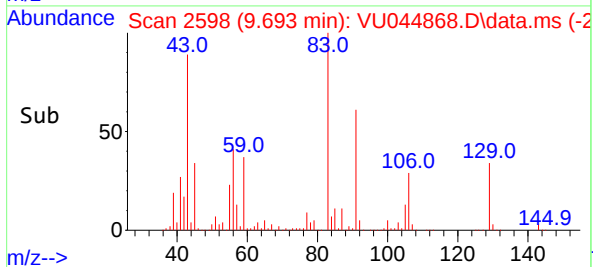
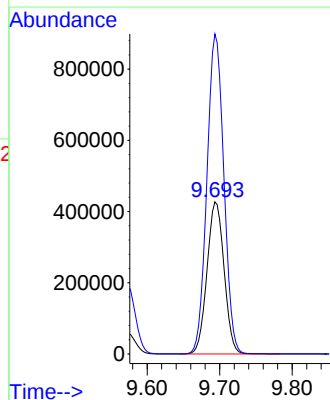
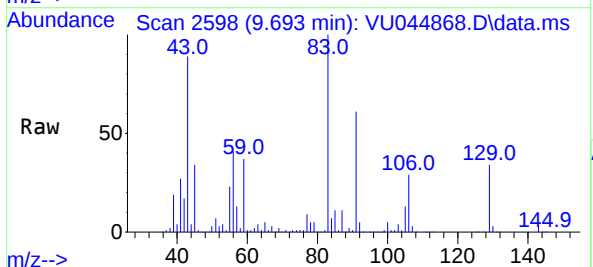
Acq: 26 Sep 2021 04:17

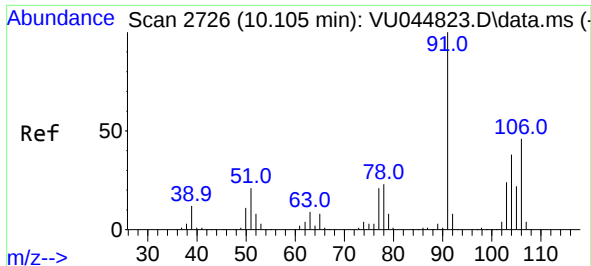
Tgt Ion:106 Resp: 697547

Ion Ratio Lower Upper

106 100

91 208.9 164.2 246.2

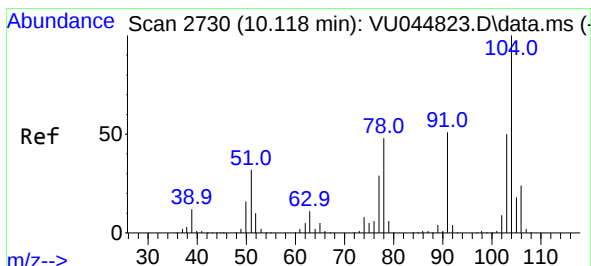
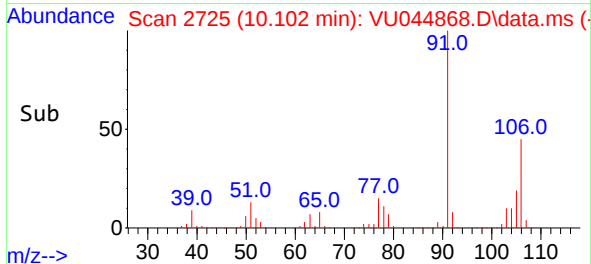
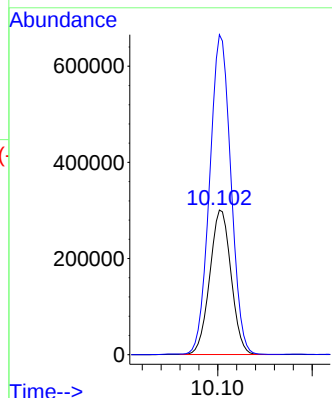
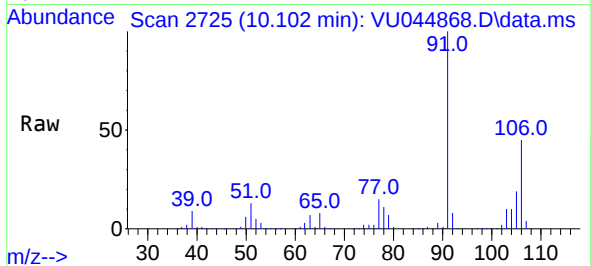




#69
o-Xylene
Concen: 81.848 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

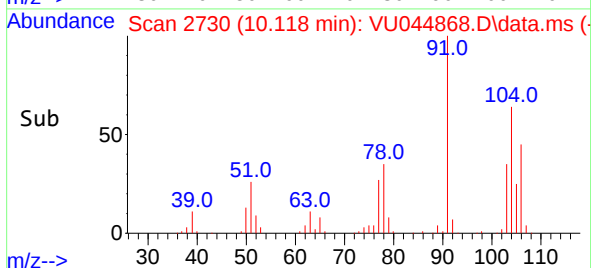
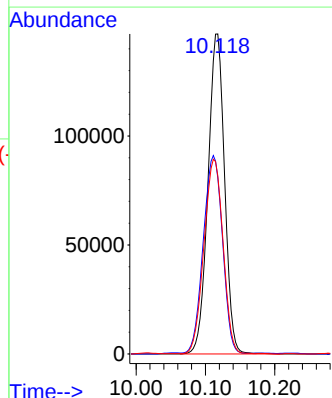
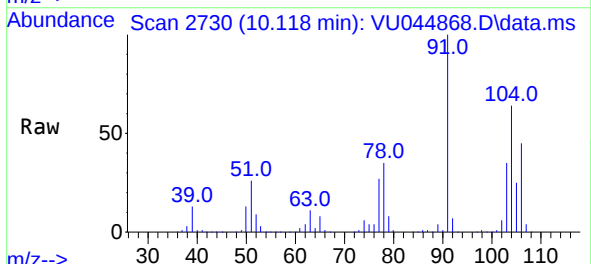
Instrument :
MSVOA_U
ClientSampleId :
20895

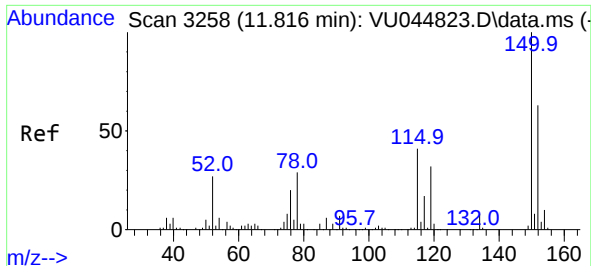
Tgt Ion:106 Resp: 469907
Ion Ratio Lower Upper
106 100
91 220.9 108.9 326.7



#70
Styrene
Concen: 23.246 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion:104 Resp: 243520
Ion Ratio Lower Upper
104 100
78 71.3 41.4 62.0#
103 69.8 43.5 65.3#

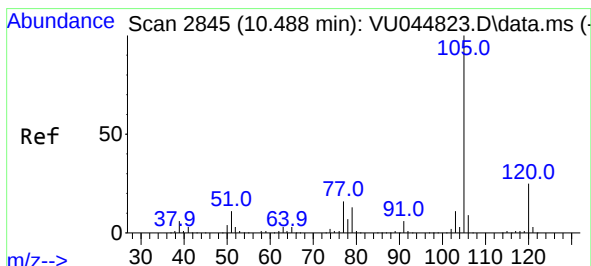
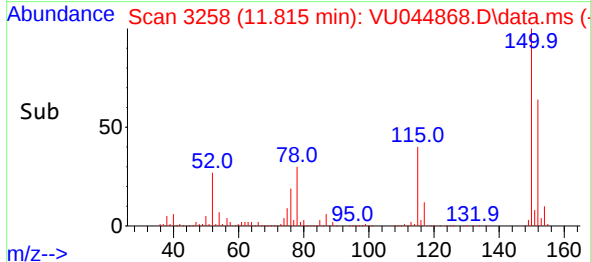
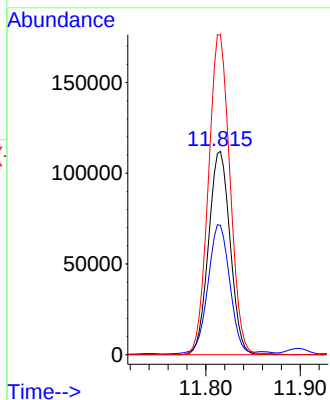
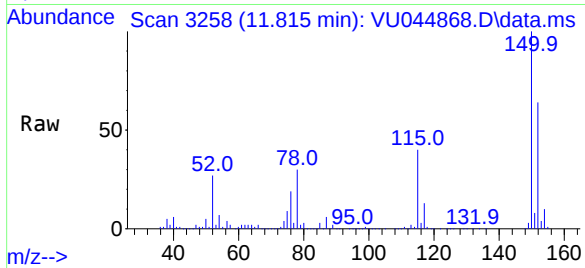




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

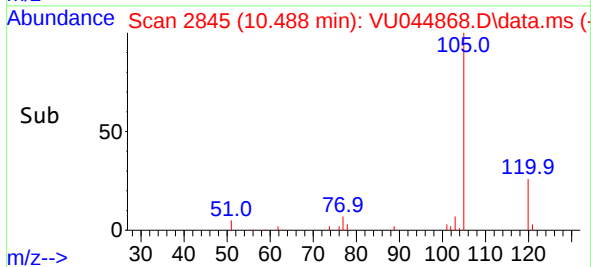
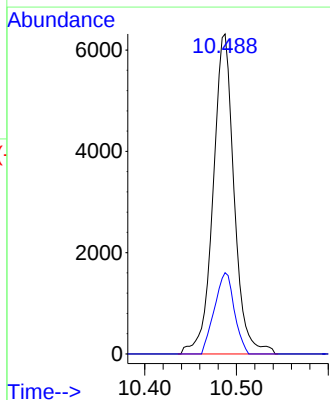
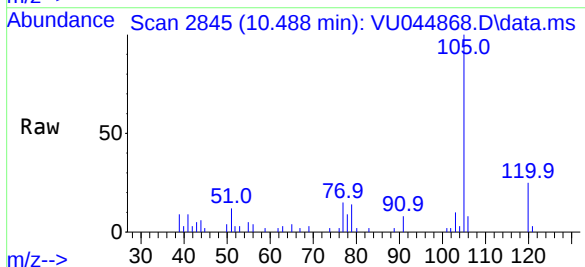
Instrument :
MSVOA_U
ClientSampled :
20895

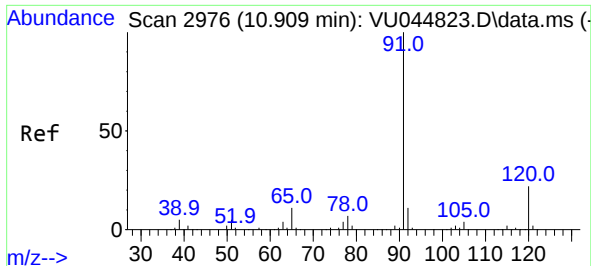
Tgt Ion:152 Resp: 177348
Ion Ratio Lower Upper
152 100
115 64.4 43.5 130.7
150 157.7 0.0 350.0



#73
Isopropylbenzene
Concen: 0.798 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion:105 Resp: 10040
Ion Ratio Lower Upper
105 100
120 23.9 12.8 38.3

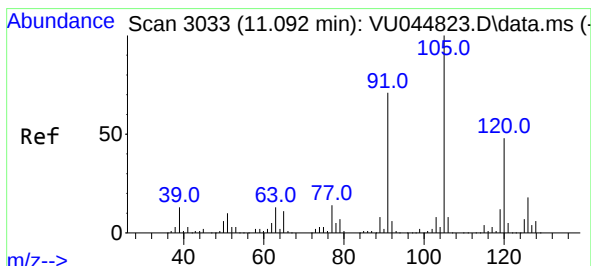
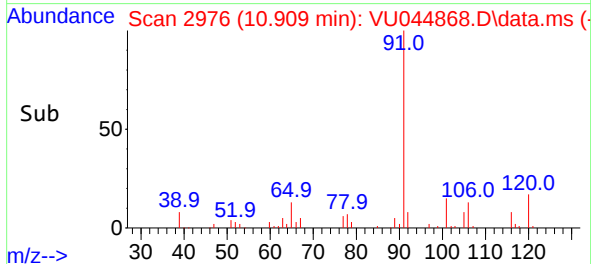
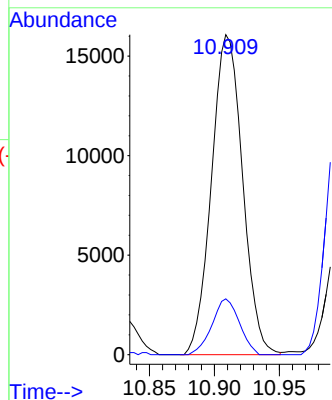
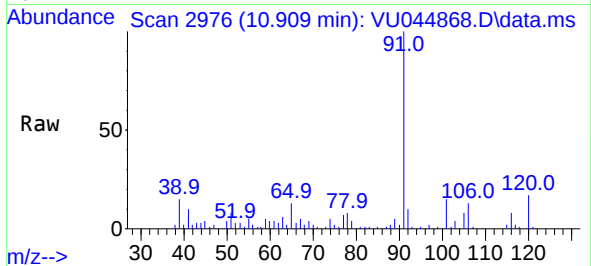




#78
n-propylbenzene
Concen: 1.751 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

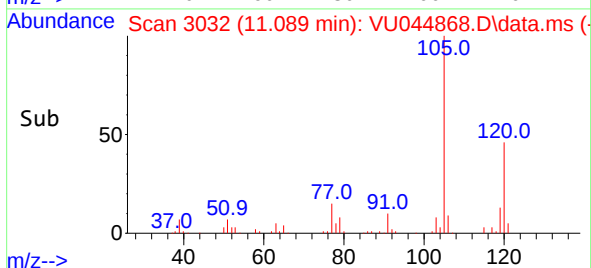
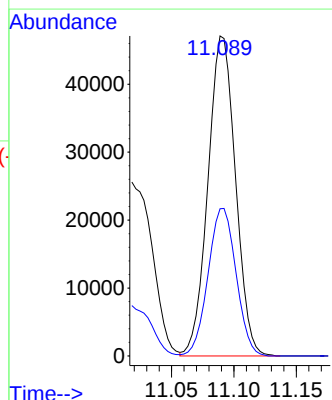
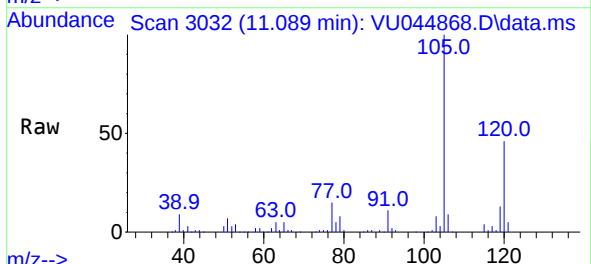
Instrument :
MSVOA_U
ClientSampled :
20895

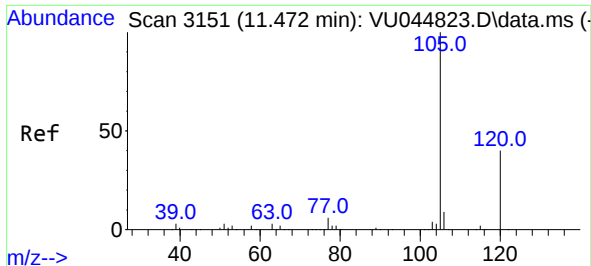
Tgt Ion: 91 Resp: 26714
Ion Ratio Lower Upper
91 100
120 15.4 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 6.810 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion:105 Resp: 72610
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.2

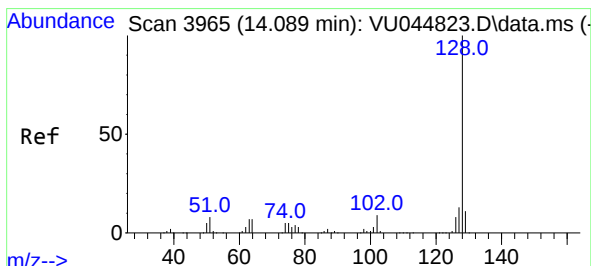
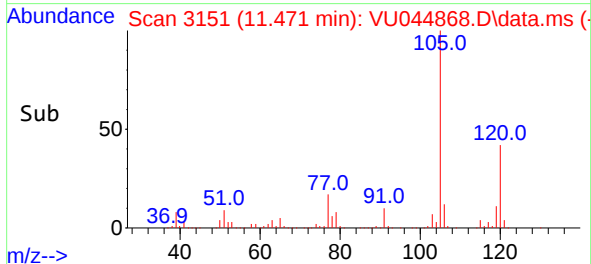
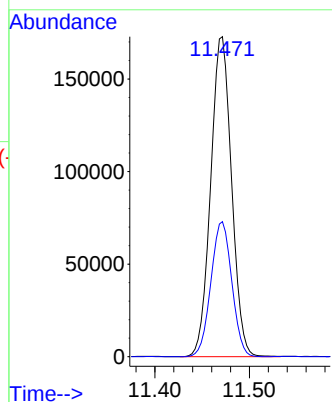
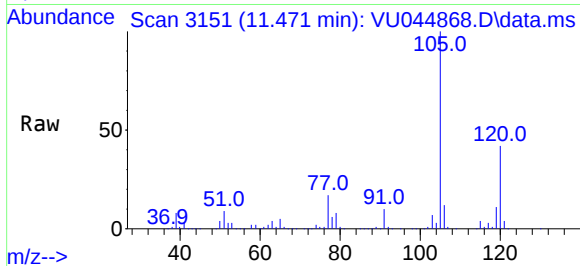




#84
1,2,4-Trimethylbenzene
Concen: 25.211 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Instrument :
MSVOA_U
ClientSampled :
20895

Tgt Ion:105 Resp: 265004
Ion Ratio Lower Upper
105 100
120 42.2 22.4 67.3



#95
Naphthalene
Concen: 269.829 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044868.D
Acq: 26 Sep 2021 04:17

Tgt Ion:128 Resp: 3727904
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0

