

Data File : VU036865.D
Acq On : 20 Feb 2020 13:05
Operator : JC/MD
Sample : L1580-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ9DL

Quant Time: Feb 21 00:51:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 21 00:49:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	137331	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	127863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	60714	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47813	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.93	69	44886	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.59	63	65481	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.68	46	123620	49.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	5.11	84	82754	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.74	65	47541	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.76	84	184300	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	58879	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.92	98	165517	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.20	79	20555	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.66	63	106235	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44519	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	55915	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

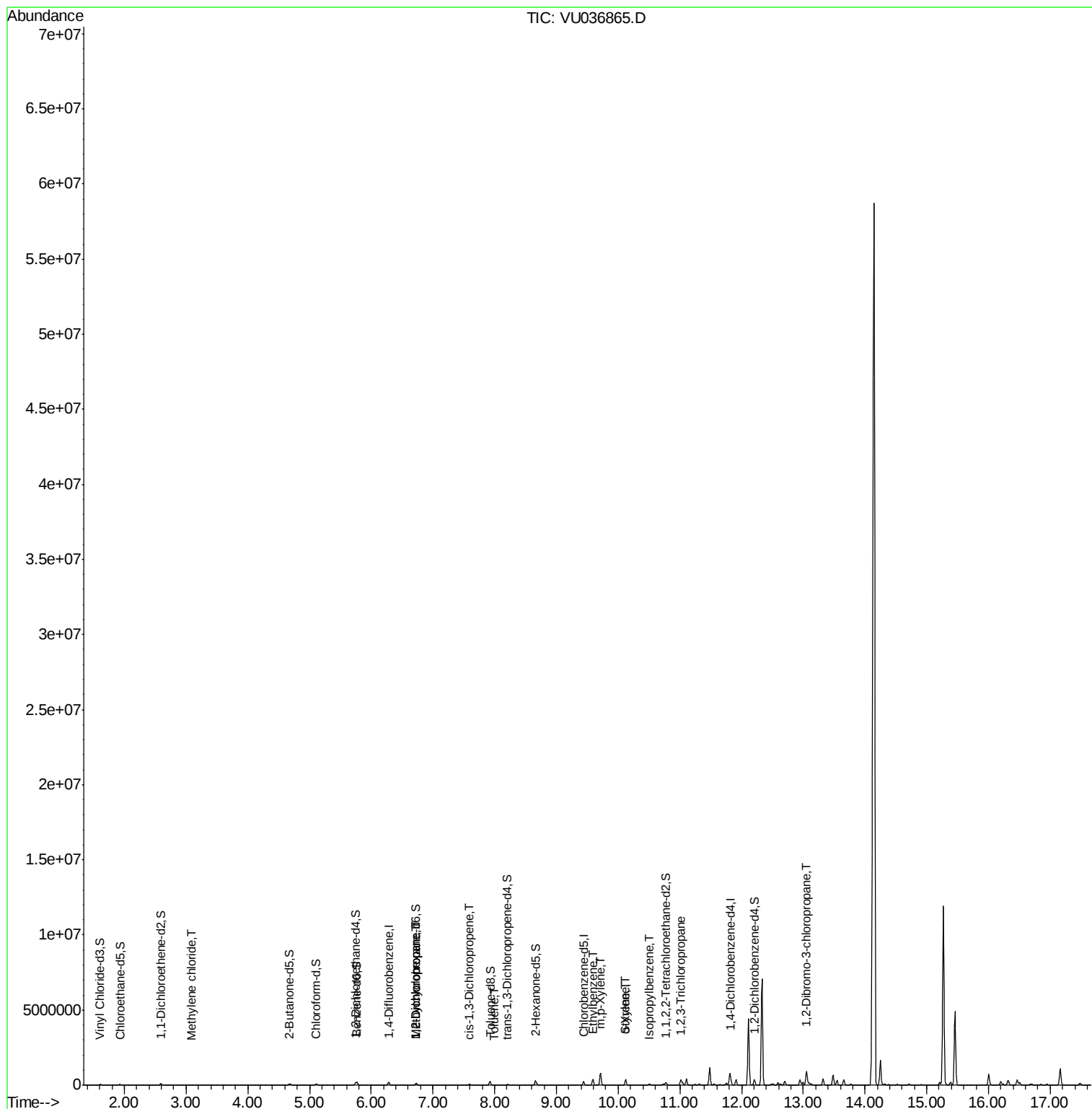
					Qvalue
16) Methylene chloride	3.08	84	3841	0.273 ug/L	83
35) Methylcyclohexane	6.72	83	12974	0.814 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6716	0.624 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1540	0.099 ug/L #	58
42) Toluene	8.00	91	7277	0.172 ug/L	98
52) Ethylbenzene	9.59	91	273668	5.785 ug/L	100
53) m,p-Xylene	9.71	106	214394	12.314 ug/L	92
54) o-Xylene	10.12	106	94665	5.537 ug/L	93
55) Styrene	10.13	104	16049	0.557 ug/L #	32
56) Isopropylbenzene	10.50	105	35488	0.776 ug/L	98
59) 1,2,3-Trichloropropane	11.01	75	2796	0.393 ug/L #	1
66) 1,2-Dibromo-3-chloropropan	13.05	75	18689	12.419 ug/L #	11

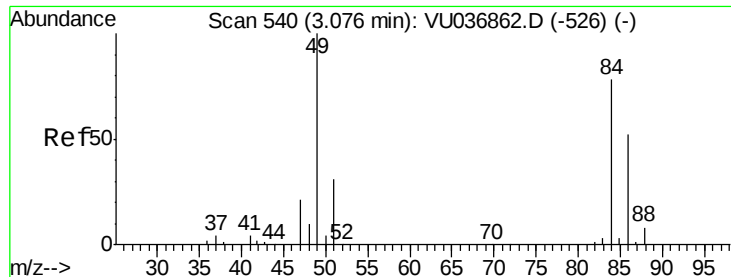
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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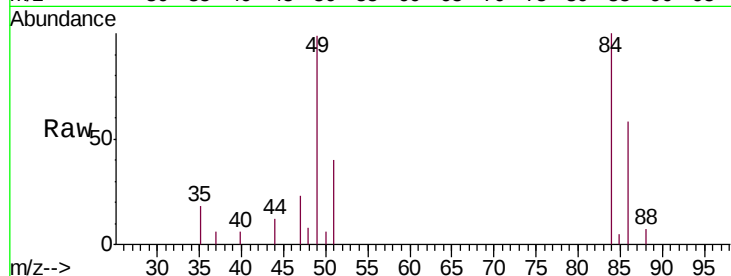




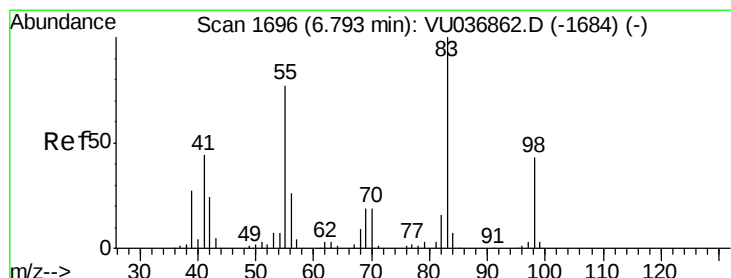
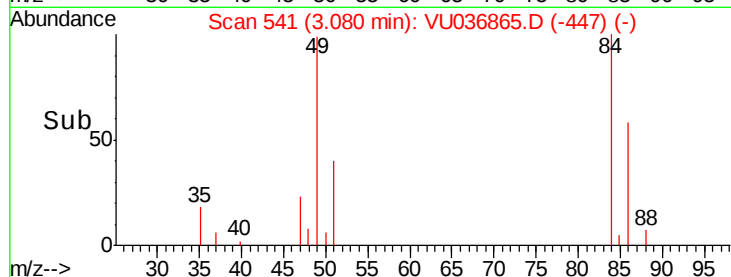
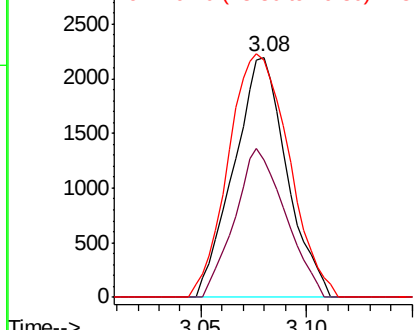
#16
Methylene chloride
Concen: 0.273 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036865.D
Acq: 20 Feb 2020 13:05

Instrument :
MSVOA_U
ClientSampleId :
DBDJ9DL

Tgt Ion: 84 Resp: 3841
Ion Ratio Lower Upper
84 100
86 57.5 44.7 82.9
49 99.0 86.7 160.9

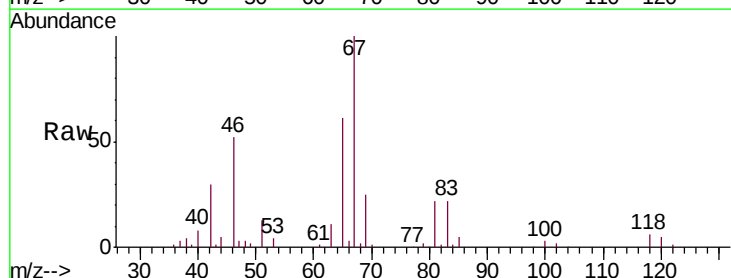


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

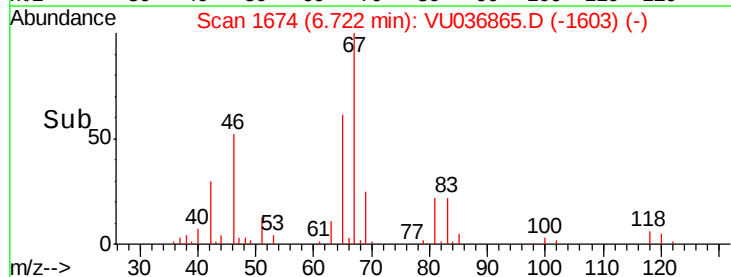
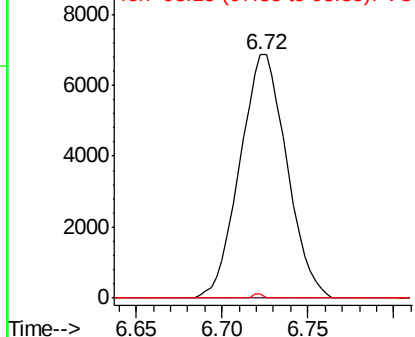


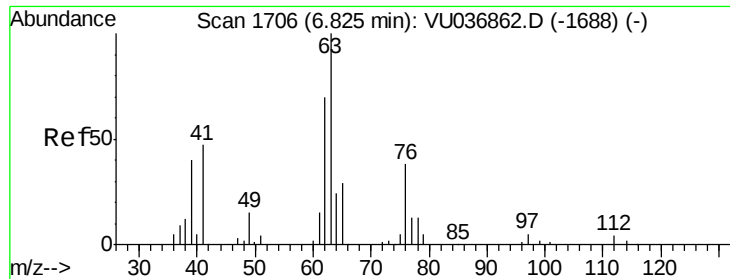
#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036865.D
Acq: 20 Feb 2020 13:05

Tgt Ion: 83 Resp: 12974
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.3 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

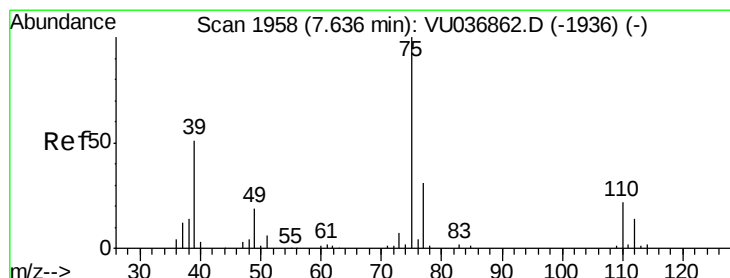
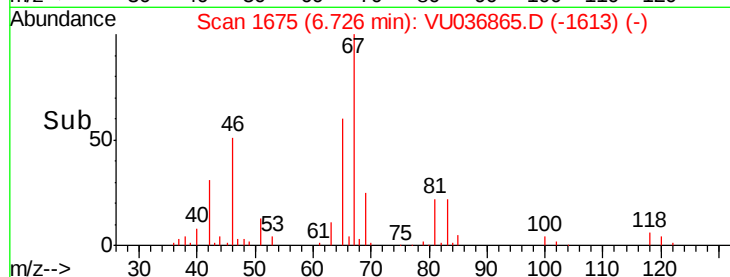
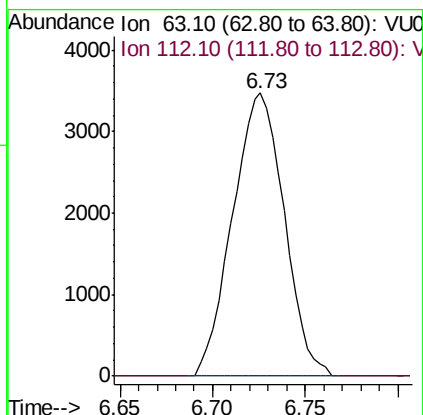
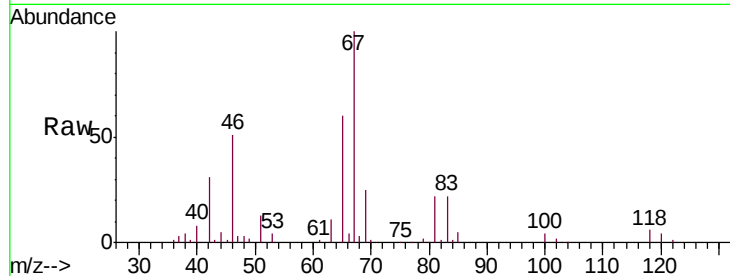




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036865.D
 Acq: 20 Feb 2020 13:05

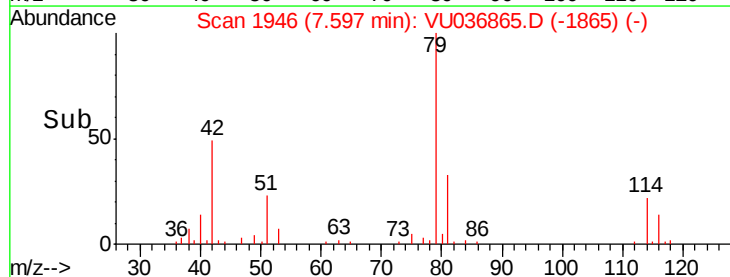
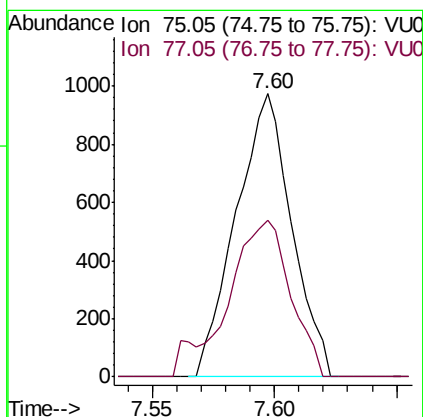
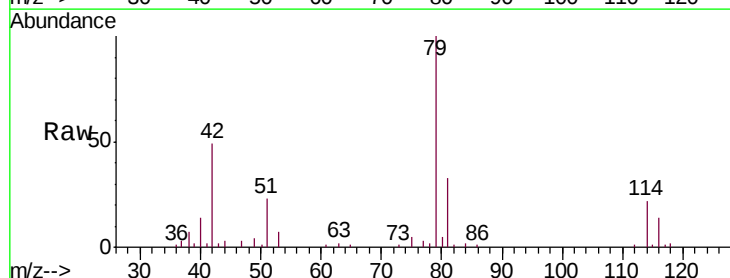
Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ9DL

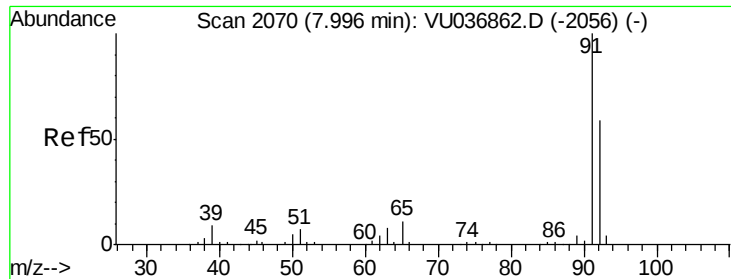
Tgt Ion: 63 Resp: 6716
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036865.D
 Acq: 20 Feb 2020 13:05

Tgt Ion: 75 Resp: 1540
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.5 41.9#





#42

Toluene

Concen: 0.172 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036865.D

Acq: 20 Feb 2020 13:05

Instrument :

MSVOA_U

ClientSampleId :

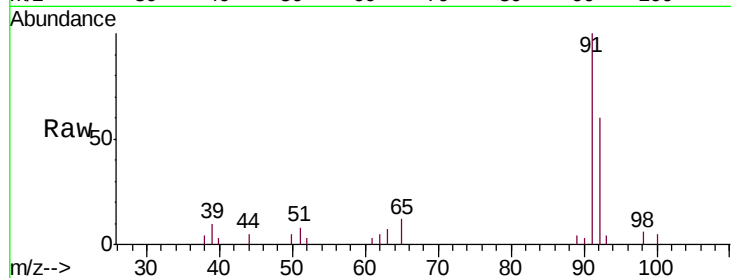
DBDJ9DL

Tgt Ion: 91 Resp: 7277

Ion Ratio Lower Upper

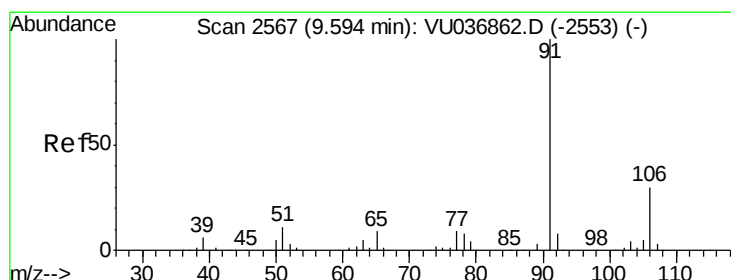
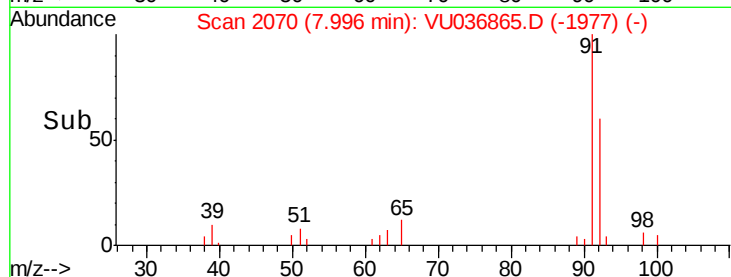
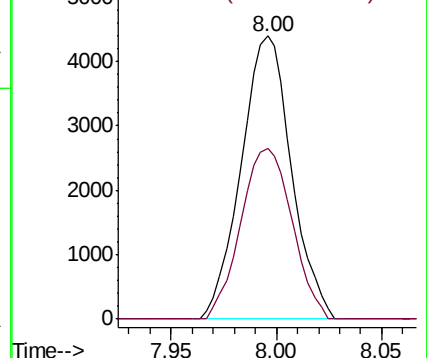
91 100

92 60.2 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#52

Ethylbenzene

Concen: 5.785 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU036865.D

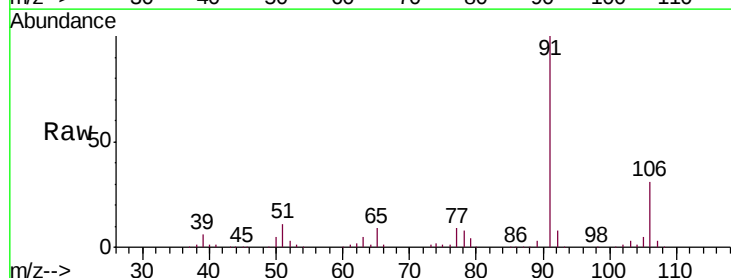
Acq: 20 Feb 2020 13:05

Tgt Ion: 91 Resp: 273668

Ion Ratio Lower Upper

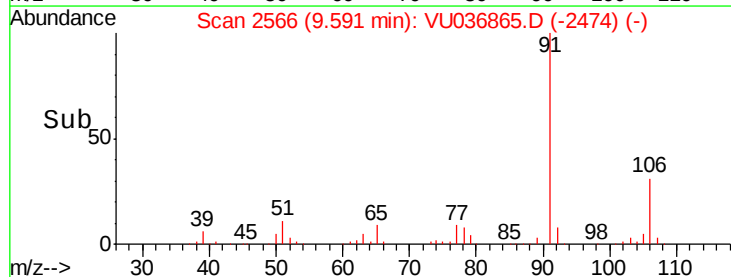
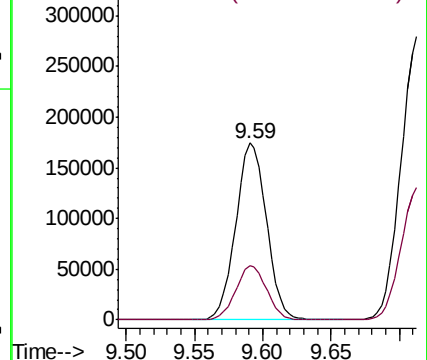
91 100

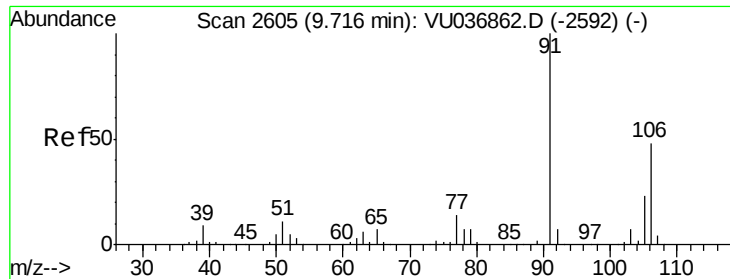
106 30.6 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 12.314 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU036865.D

Acq: 20 Feb 2020 13:05

Instrument :

MSVOA_U

ClientSampleId :

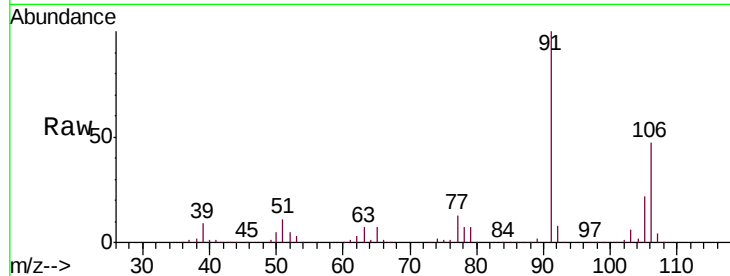
DBDJ9DL

Tgt Ion:106 Resp: 214394

Ion Ratio Lower Upper

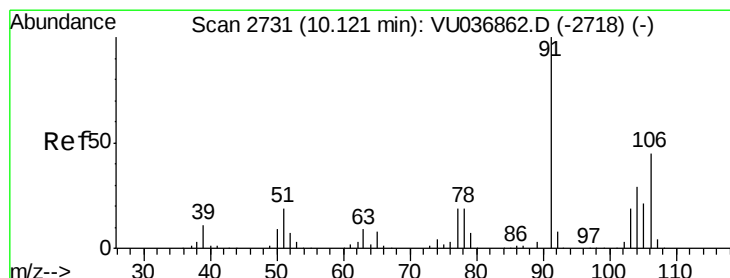
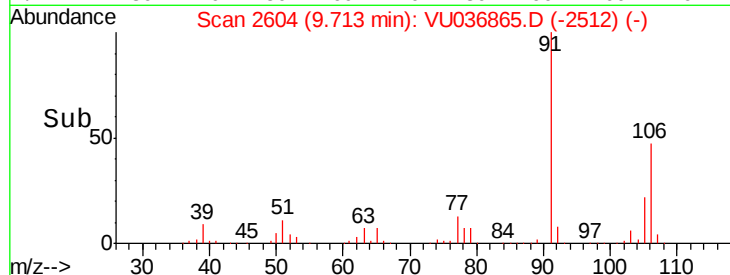
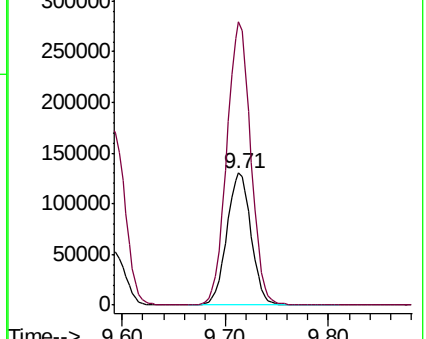
106 100

91 214.2 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 5.537 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU036865.D

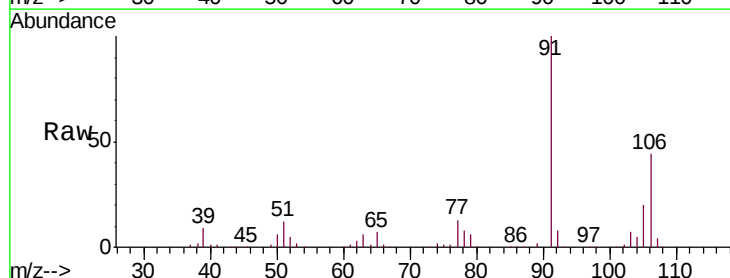
Acq: 20 Feb 2020 13:05

Tgt Ion:106 Resp: 94665

Ion Ratio Lower Upper

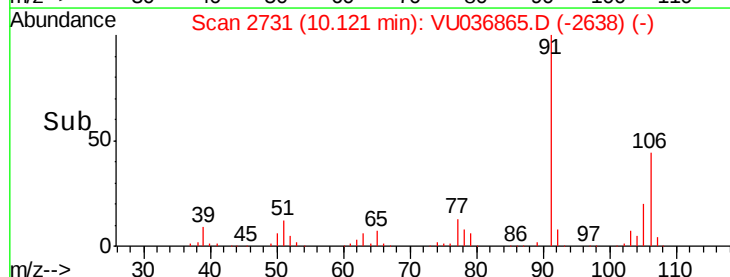
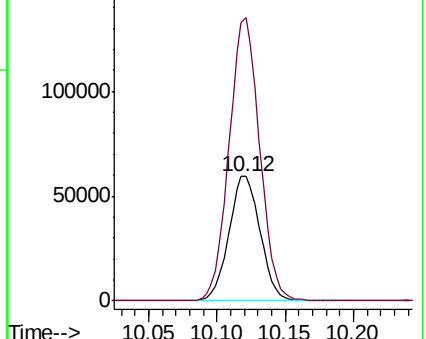
106 100

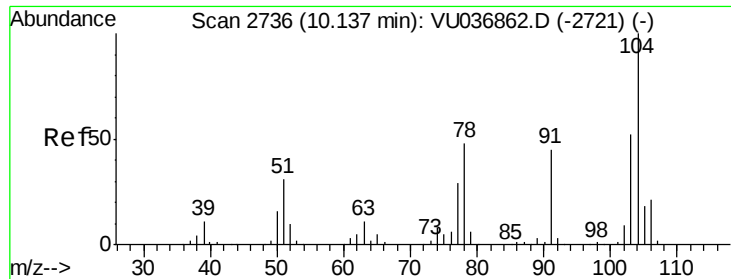
91 227.4 151.1 280.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

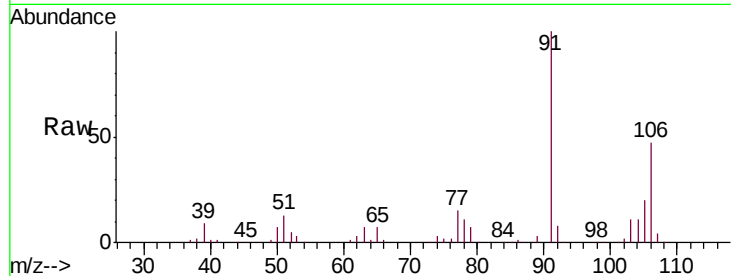




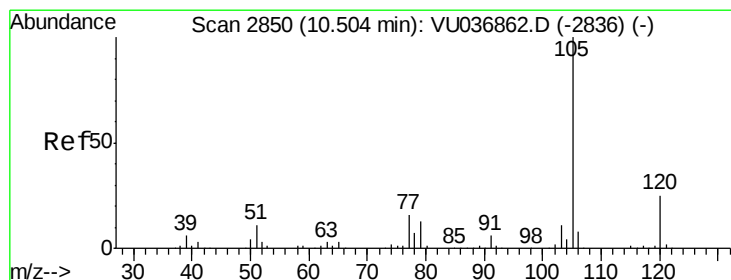
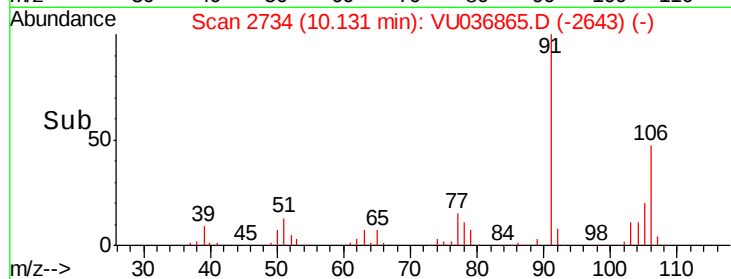
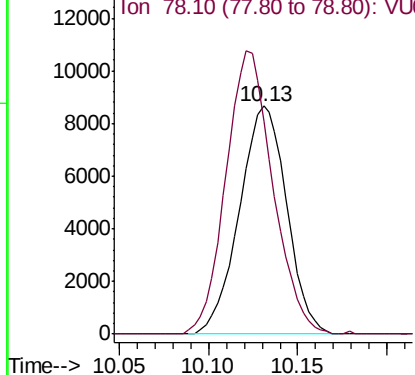
#55
Styrene
Concen: 0.557 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.01 min
Lab File: VU036865.D
Acq: 20 Feb 2020 13:05

Instrument :
MSVOA_U
ClientSampled :
DBDJ9DL

Tgt Ion:104 Resp: 16049
Ion Ratio Lower Upper
104 100
78 93.7 33.5 62.3#

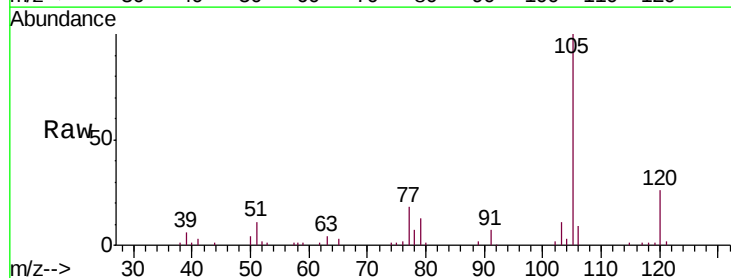


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0

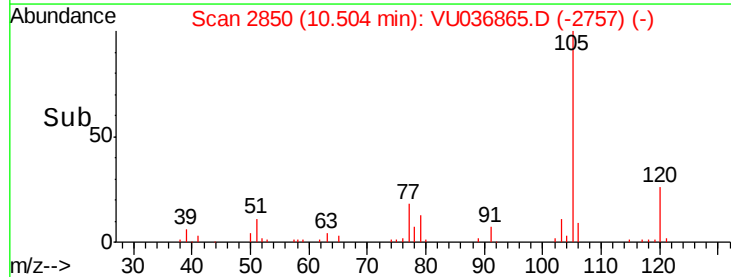
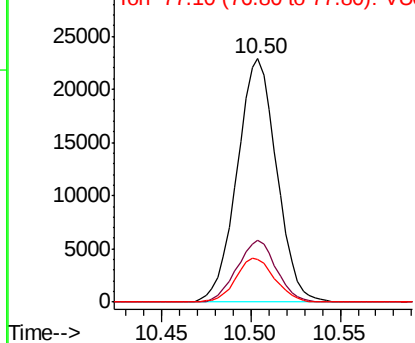


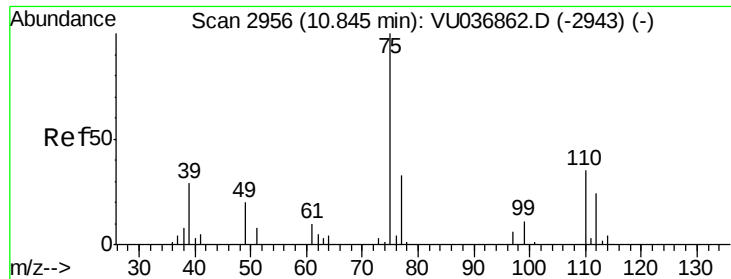
#56
Isopropylbenzene
Concen: 0.776 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036865.D
Acq: 20 Feb 2020 13:05

Tgt Ion:105 Resp: 35488
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 17.6 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): VU0

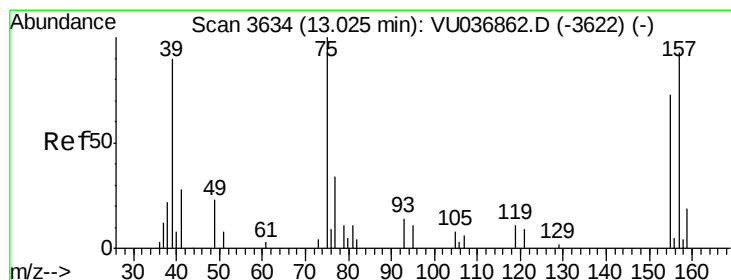
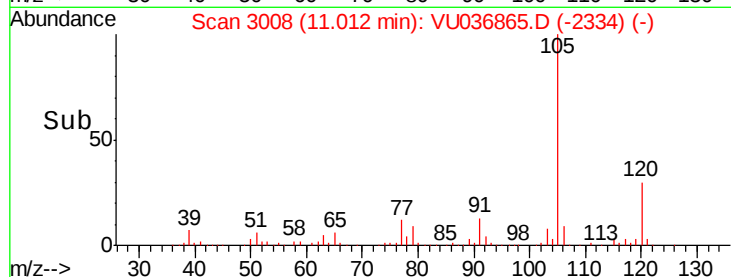
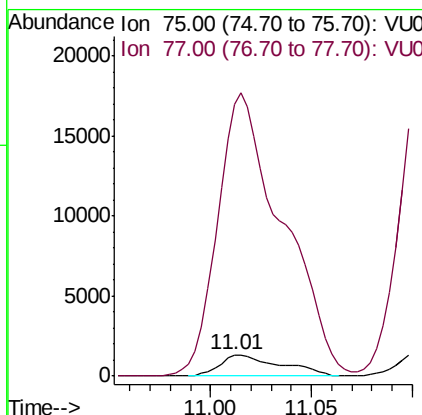
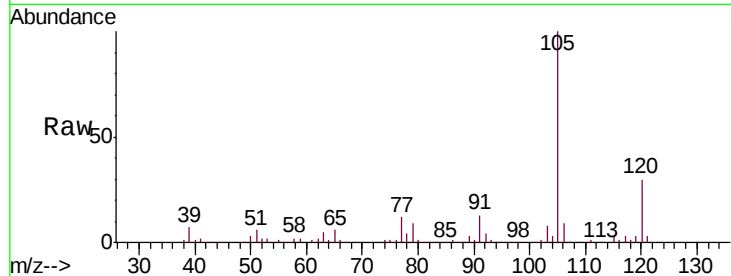




#59
 1,2,3-Trichloropropane
 Concen: 0.393 ug/L
 RT: 11.01 min Scan# 3008
 Delta R.T. 0.17 min
 Lab File: VU036865.D
 Acq: 20 Feb 2020 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ9DL

Tgt Ion: 75 Resp: 2796
 Ion Ratio Lower Upper
 75 100
 77 1417.3 25.6 38.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 12.419 ug/L
 RT: 13.05 min Scan# 3642
 Delta R.T. 0.03 min
 Lab File: VU036865.D
 Acq: 20 Feb 2020 13:05

Tgt Ion: 75 Resp: 18689
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#

