

Data File : VU036433.D
Acq On : 10 Jan 2020 17:18
Operator : JC/MD
Sample : L1090-05MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOQ1MSD

Quant Time: Jan 10 23:00:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 10 22:57:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	478505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	449445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	174922	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121724	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.30%
7) Chloroethane-d5	1.93	69	123990	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.84%
11) 1,1-Dichloroethene-d2	2.59	63	257159	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
21) 2-Butanone-d5	4.68	46	291787	105.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.09%
24) Chloroform-d	5.11	84	303845	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.75	65	214247	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
32) Benzene-d6	5.77	84	599154	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
36) 1,2-Dichloropropane-d6	6.73	67	202167	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.93	98	563251	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	8.21	79	101766	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.38%
47) 2-Hexanone-d5	8.67	63	209860	96.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.96%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	307174	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	12.21	152	174478	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%

Target Compounds

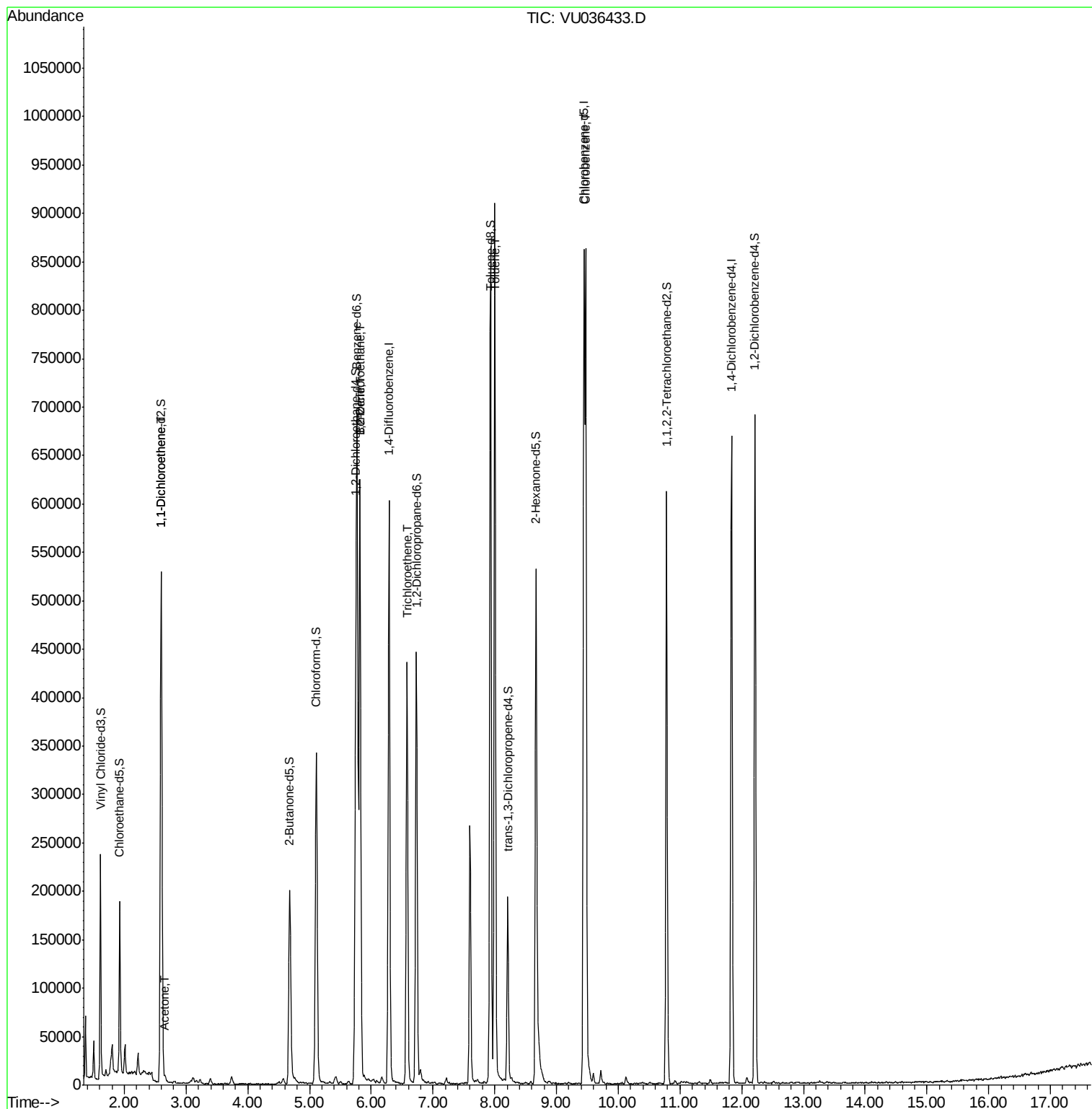
					Qvalue
12) 1,1-Dichloroethene	2.61	96	100560	36.317 ug/L	93
13) Acetone	2.66	43	5230	1.816 ug/L	95
27) 1,2-Dichloroethane	5.81	62	4787	0.970 ug/L #	75
33) Benzene	5.82	78	570546	43.214 ug/L	100
34) Trichloroethene	6.58	95	143394	42.128 ug/L	96
42) Toluene	8.00	91	641898	44.152 ug/L	99
51) Chlorobenzene	9.48	112	427558	46.594 ug/L	99

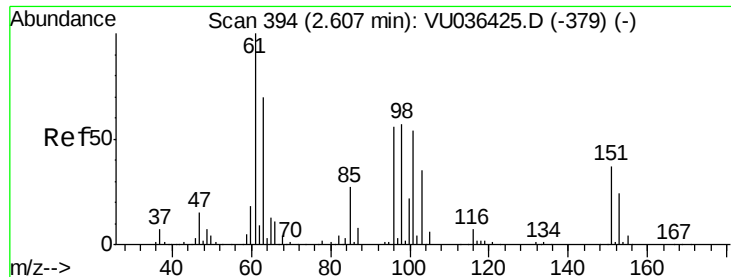
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 36.317 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036433.D

Acq: 10 Jan 2020 17:18

Instrument :

MSVOA_U

ClientSampleId :

ETOQ1MSD

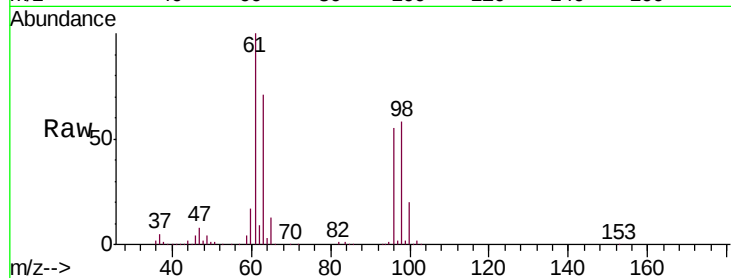
Tgt Ion: 96 Resp: 100560

Ion Ratio Lower Upper

96 100

61 180.4 120.9 224.5

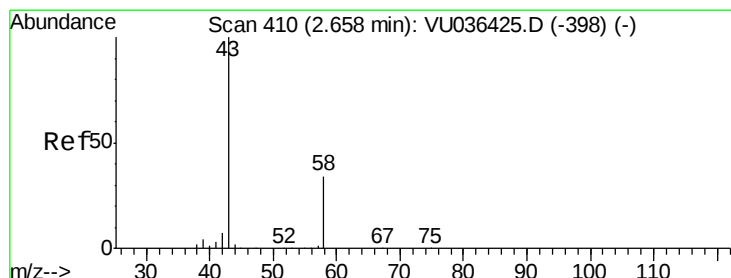
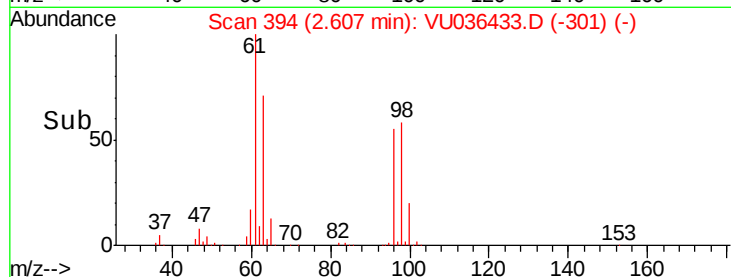
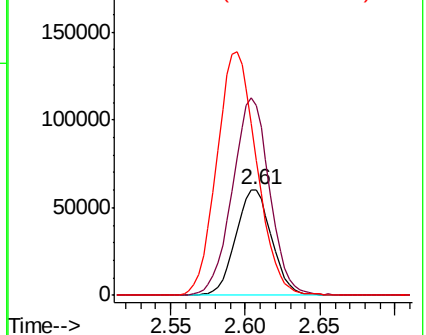
63 127.5 81.8 152.0



Abundance Ion 96.00 (95.70 to 96.70): VU036433.D (-301) (-)

Ion 61.00 (60.70 to 61.70): VU036433.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU036433.D (-301) (-)



#13

Acetone

Concen: 1.816 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036433.D

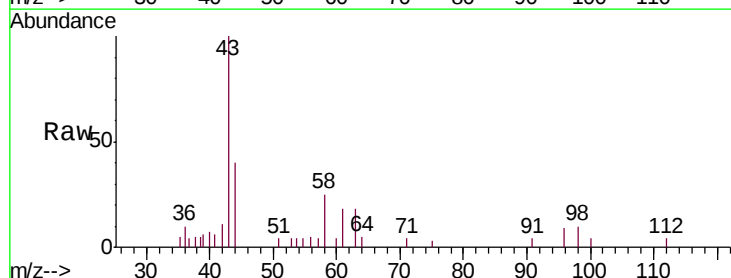
Acq: 10 Jan 2020 17:18

Tgt Ion: 43 Resp: 5230

Ion Ratio Lower Upper

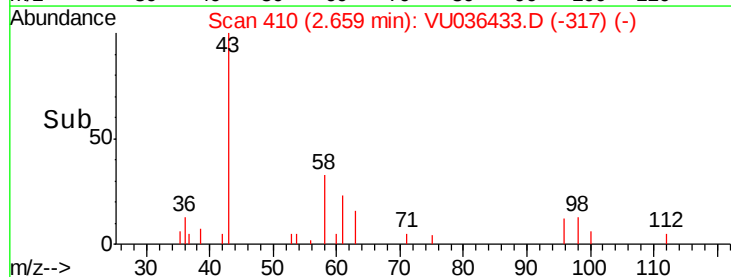
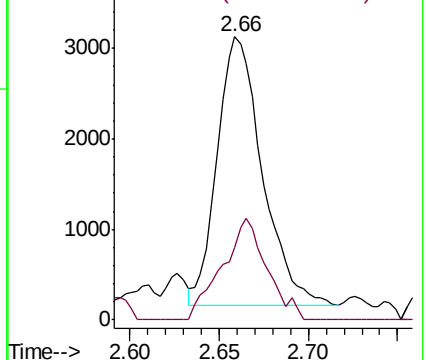
43 100

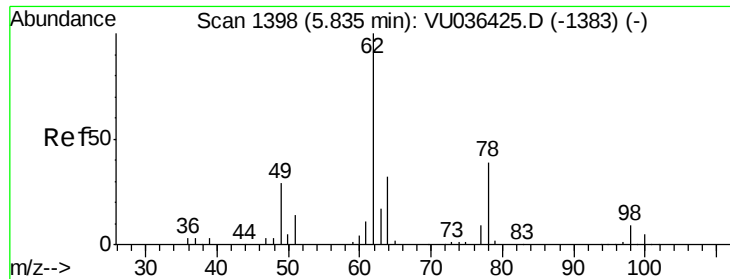
58 36.0 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036433.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036433.D (-317) (-)

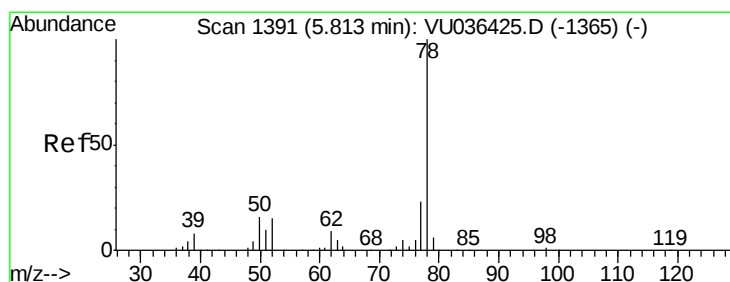
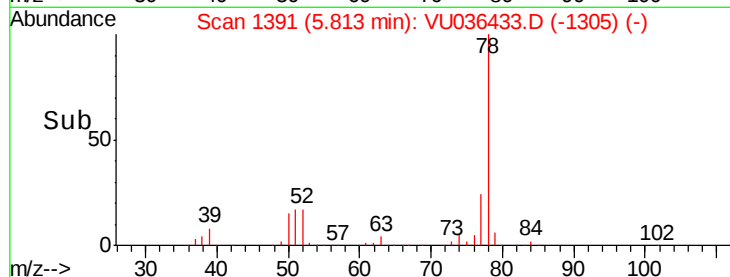
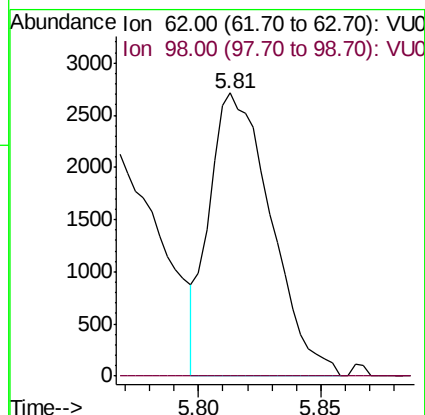
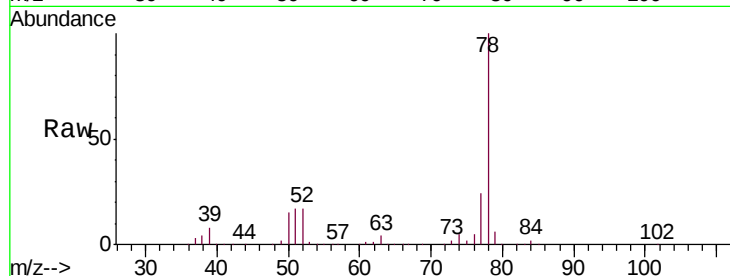




#27
 1,2-Dichloroethane
 Concen: 0.970 ug/L
 RT: 5.81 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: VU036433.D
 Acq: 10 Jan 2020 17:18

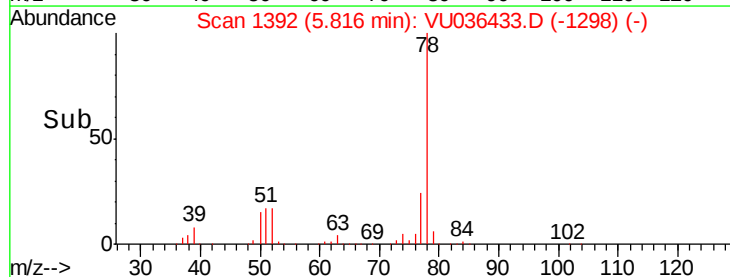
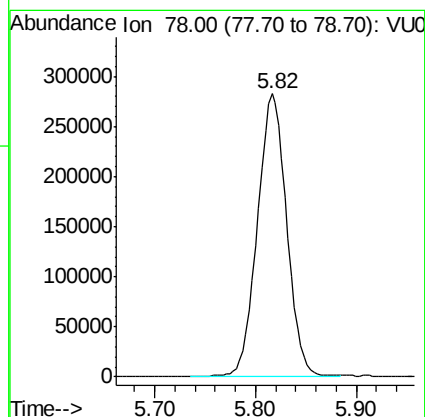
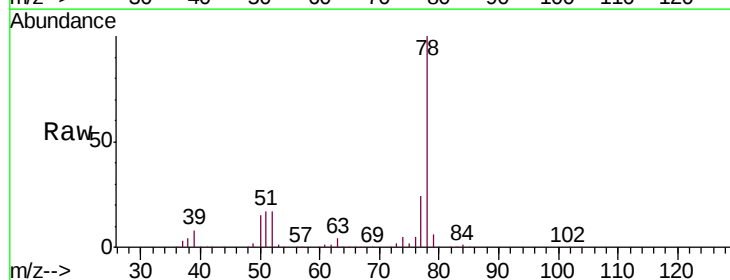
Instrument :
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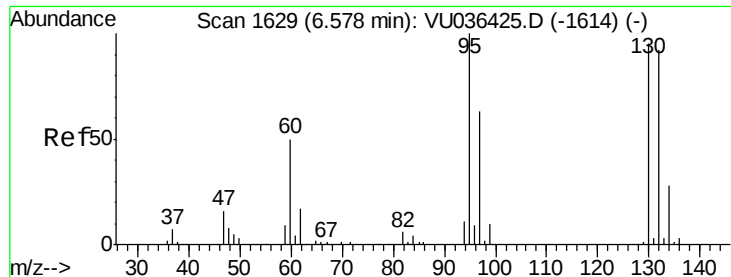
Tgt Ion: 62 Resp: 4787
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#



#33
 Benzene
 Concen: 43.214 ug/L
 RT: 5.82 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VU036433.D
 Acq: 10 Jan 2020 17:18

Tgt Ion: 78 Resp: 570546

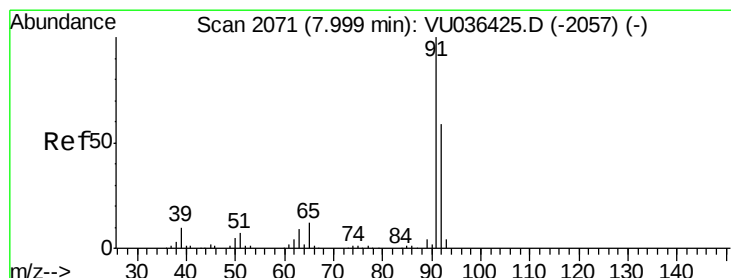
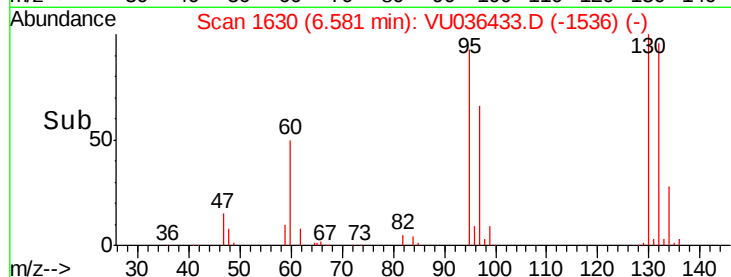
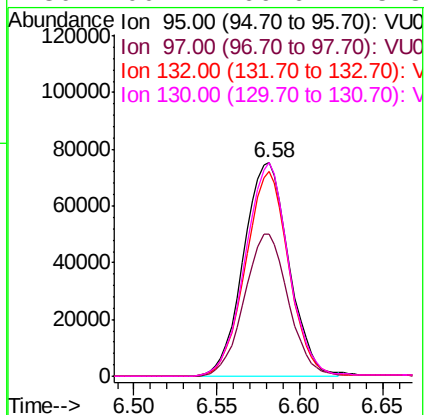
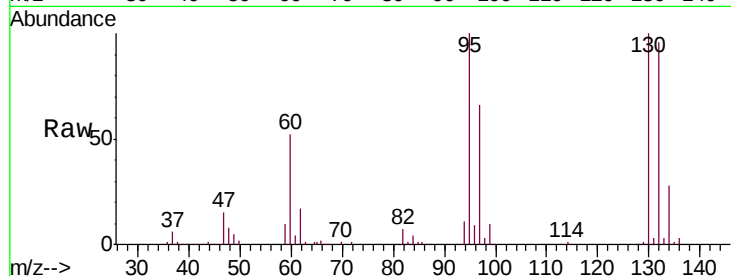




#34
 Trichloroethene
 Concen: 42.128 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036433.D
 Acq: 10 Jan 2020 17:18

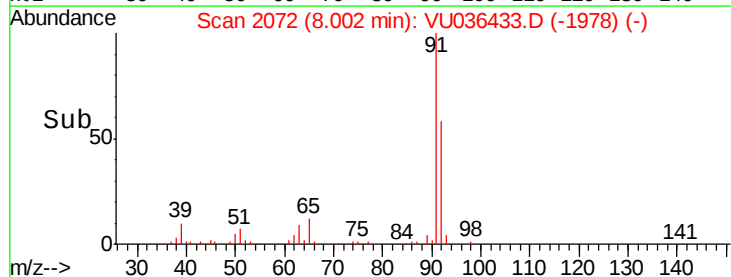
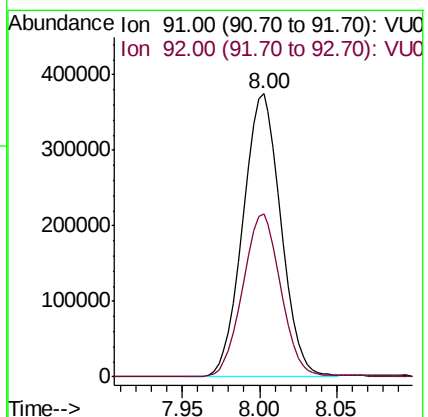
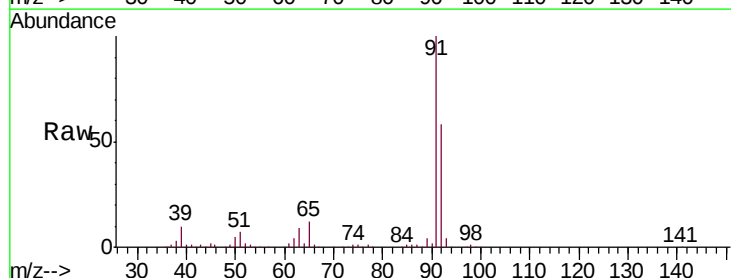
Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ1MSD

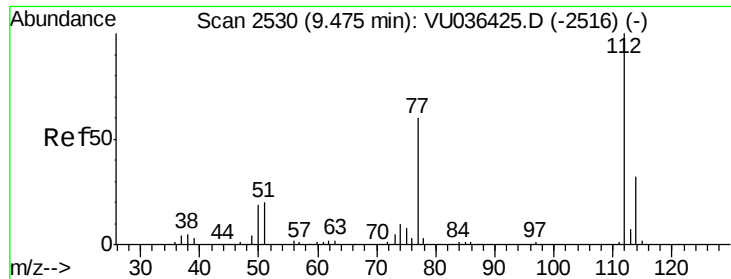
Tgt Ion: 95 Resp: 143394
 Ion Ratio Lower Upper
 95 100
 97 66.5 44.5 82.7
 132 95.7 64.5 119.9
 130 100.1 66.6 123.8



#42
 Toluene
 Concen: 44.152 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036433.D
 Acq: 10 Jan 2020 17:18

Tgt Ion: 91 Resp: 641898
 Ion Ratio Lower Upper
 91 100
 92 57.8 39.8 74.0

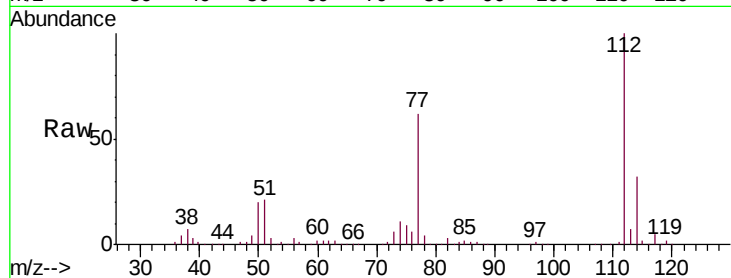




#51
 Chlorobenzene
 Concen: 46.594 ug/L
 RT: 9.48 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: VU036433.D
 Acq: 10 Jan 2020 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ1MSD

Tgt Ion:	112	Resp:	427558
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	62.5	48.7	73.1



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): VU0

