

Data File : VU034849.D
Acq On : 26 Sep 2019 18:01
Operator : JC/SP
Sample : K5044-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK40

Quant Time: Sep 27 05:13:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	99329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	94195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	45597	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38457	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.67	69	31362	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.26	63	54937	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.18	46	107722	55.45	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.90%
24) Chloroform-d	4.62	84	55403	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.29	65	33311	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.31	84	118552	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.31	67	40748	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.54	98	113009	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.83	79	14011	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.30	63	82647	54.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.52%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	31851	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	38539	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

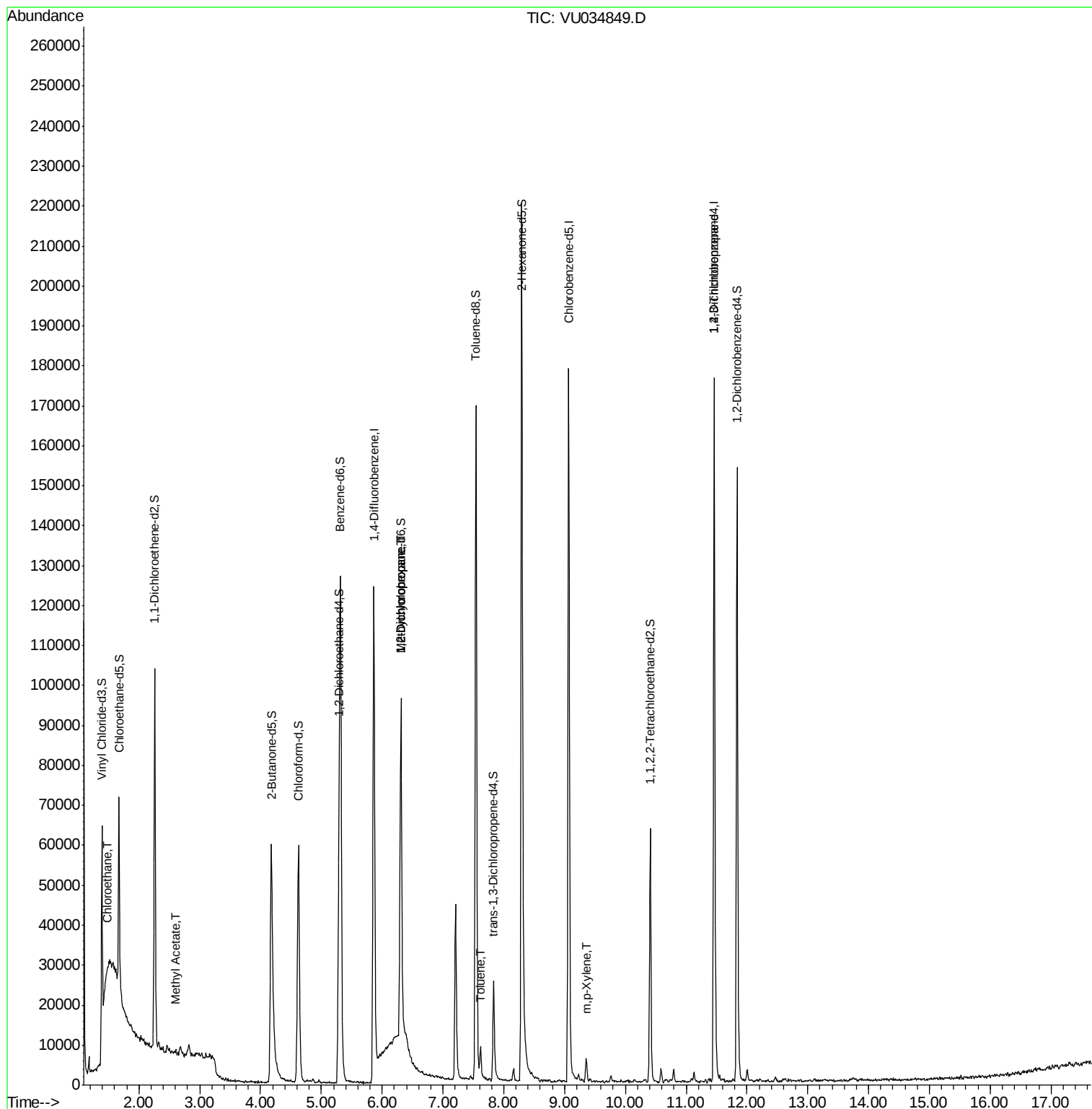
					Qvalue
8) Chloroethane	1.48	64	45419	10.486 ug/L #	50
15) Methyl Acetate	2.60	43	690	0.188 ug/L #	60
35) Methylcyclohexane	6.31	83	8509	0.830 ug/L #	17
37) 1,2-Dichloropropane	6.30	63	4378	0.557 ug/L #	92
42) Toluene	7.62	91	5969	0.217 ug/L	99
53) m,p-Xylene	9.36	106	1848	0.164 ug/L	65
59) 1,2,3-Trichloropropane	11.46	75	6603	1.285 ug/L #	88

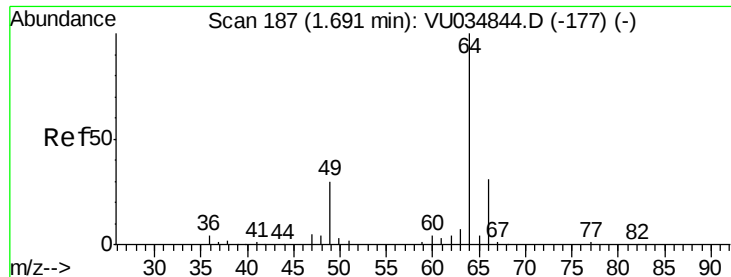
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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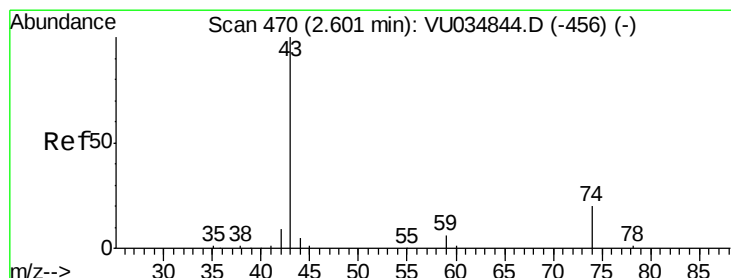
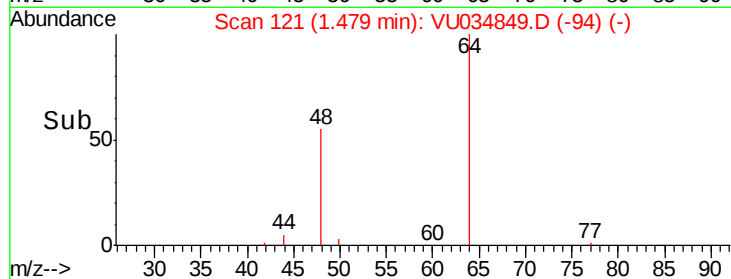
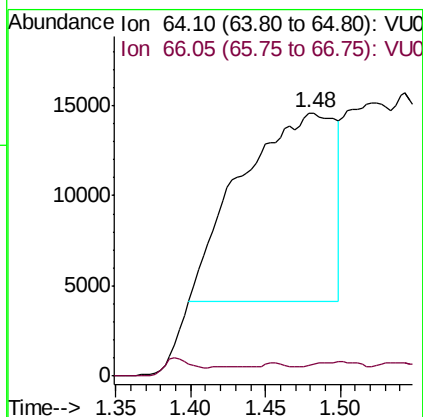
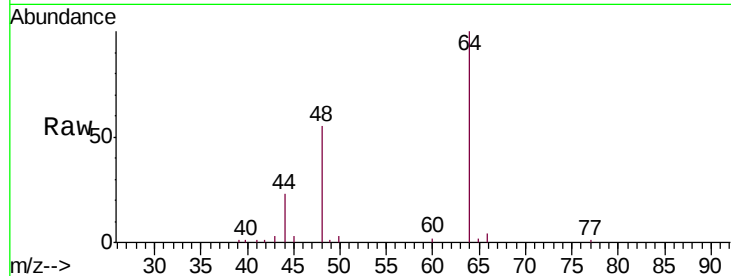




#8
 Chloroethane
 Concen: 10.486 ug/L
 RT: 1.48 min Scan# 121
 Delta R.T. -0.21 min
 Lab File: VU034849.D
 Acq: 26 Sep 2019 18:01

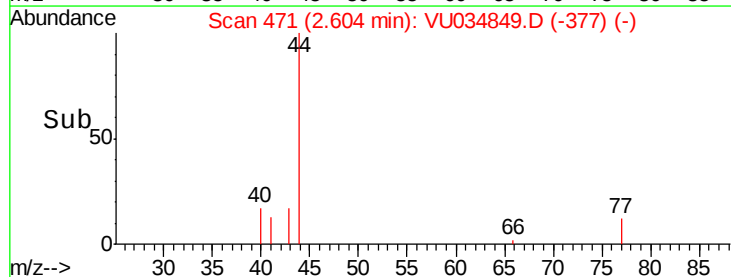
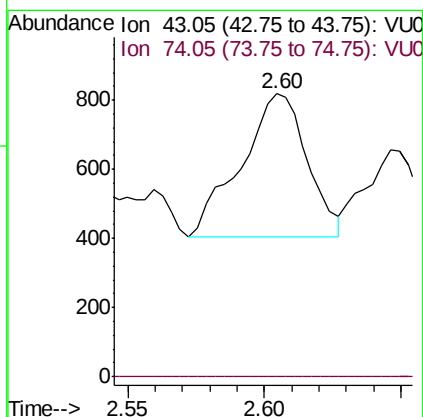
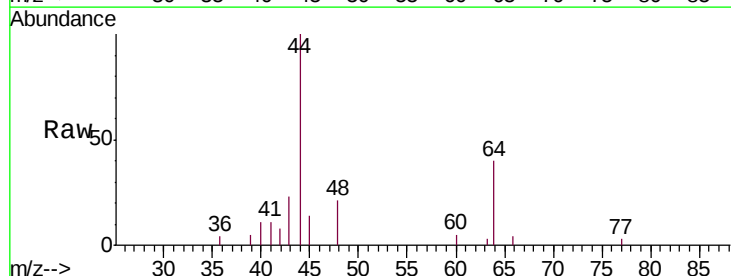
Instrument :
 MSVOA_U
 ClientSampleID :
 CWK40

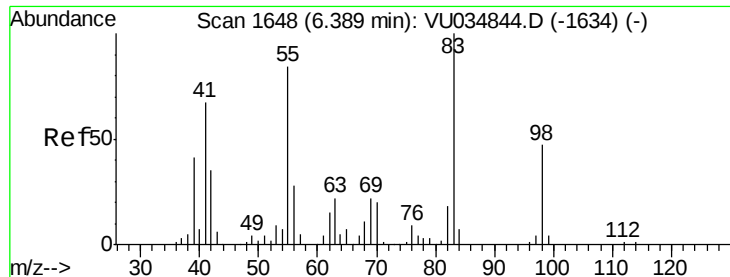
Tgt Ion: 64 Resp: 45419
 Ion Ratio Lower Upper
 64 100
 66 4.2 22.6 42.0#



#15
 Methyl Acetate
 Concen: 0.188 ug/L
 RT: 2.60 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU034849.D
 Acq: 26 Sep 2019 18:01

Tgt Ion: 43 Resp: 690
 Ion Ratio Lower Upper
 43 100
 74 0.0 14.2 21.2#

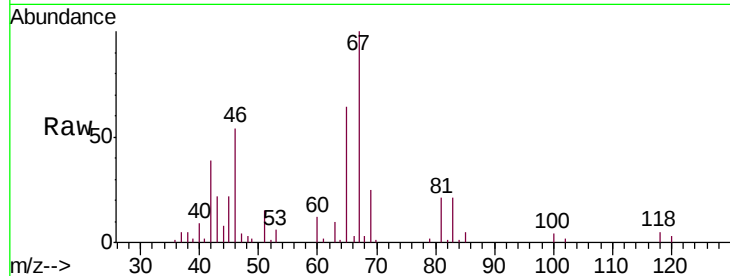




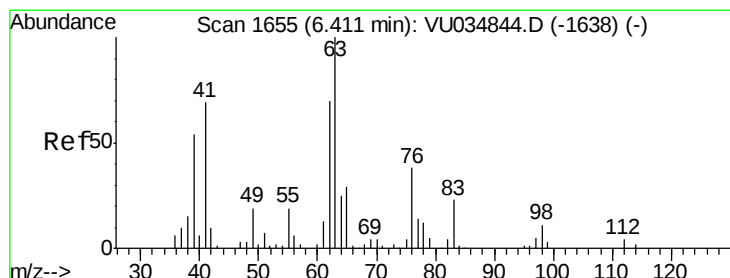
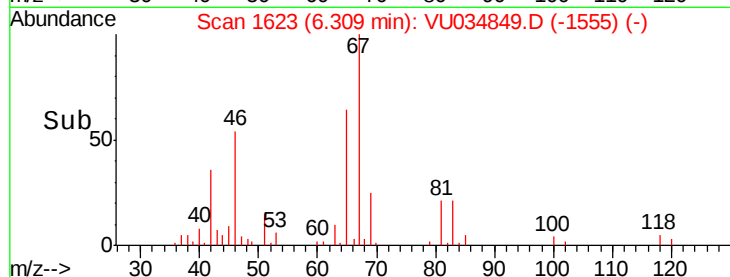
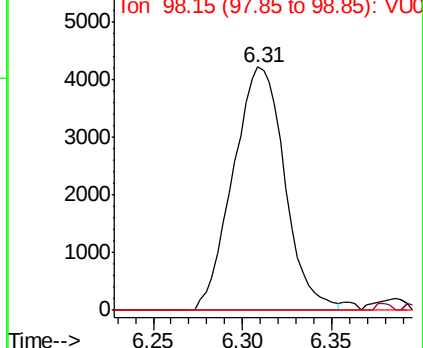
#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034849.D
Acq: 26 Sep 2019 18:01

Instrument :
MSVOA_U
ClientSampleId :
CWK40

Tgt Ion: 83 Resp: 8509
Ion Ratio Lower Upper
83 100
55 0.8 66.8 100.2#
98 0.0 35.4 53.0#

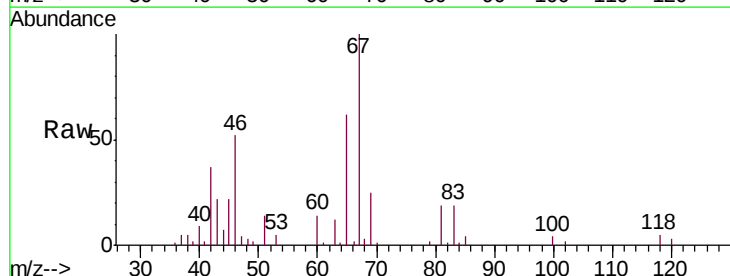


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

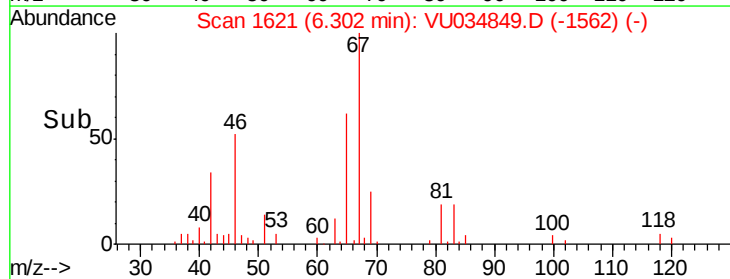
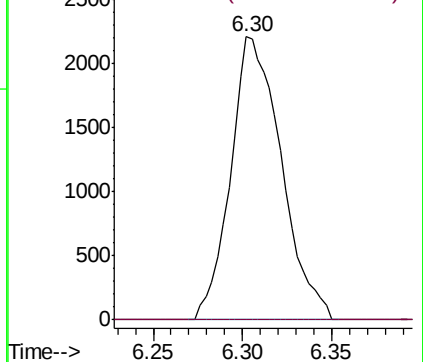


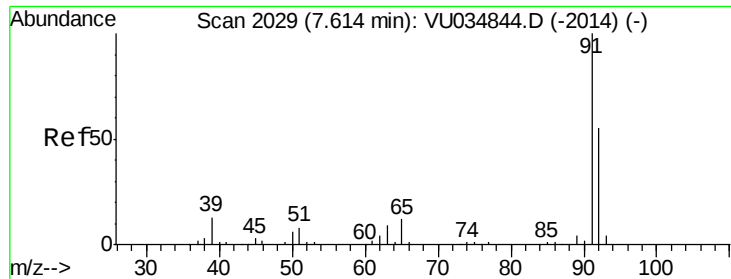
#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.30 min Scan# 1621
Delta R.T. -0.11 min
Lab File: VU034849.D
Acq: 26 Sep 2019 18:01

Tgt Ion: 63 Resp: 4378
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.217 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034849.D

Acq: 26 Sep 2019 18:01

Instrument :

MSVOA_U

ClientSampleId :

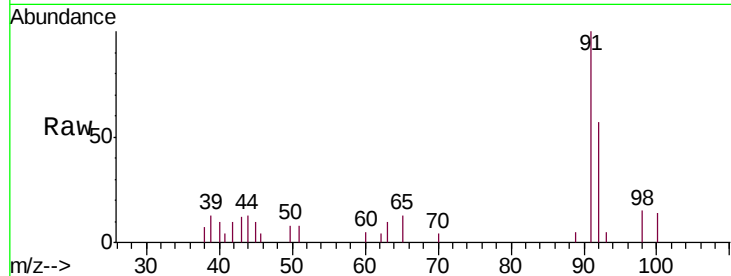
CWK40

Tgt Ion: 91 Resp: 5969

Ion Ratio Lower Upper

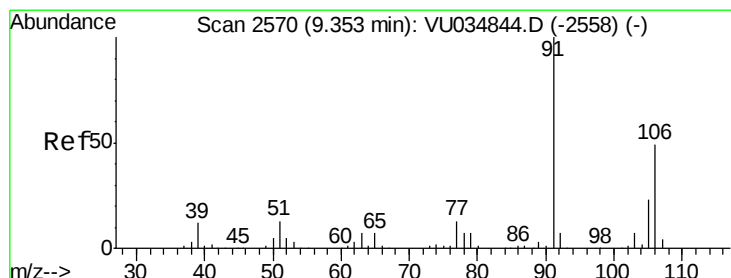
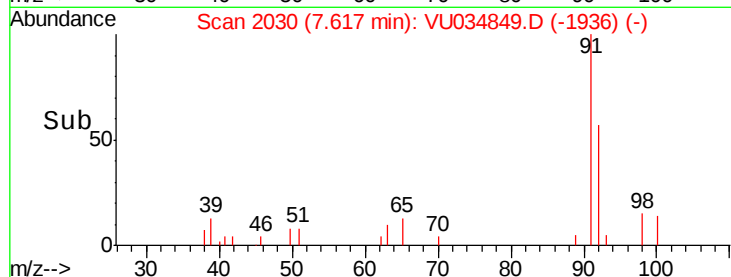
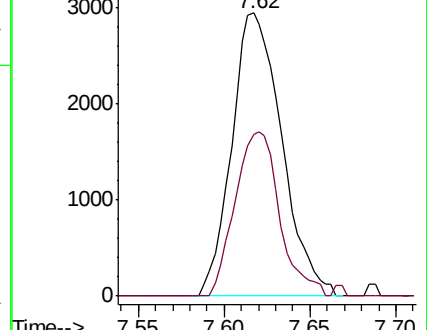
91 100

92 57.0 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU034844.D (-2014) (-)

Ion 92.15 (91.85 to 92.85): VU034844.D (-2014) (-)



#53

m,p-Xylene

Concen: 0.164 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034849.D

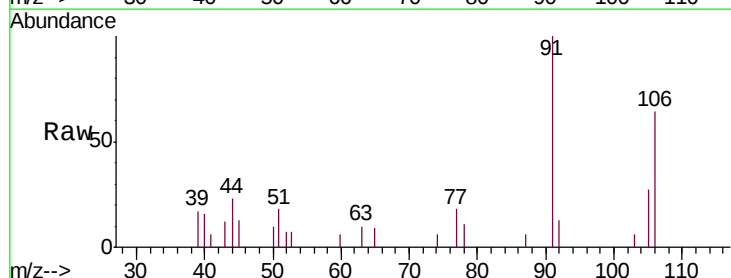
Acq: 26 Sep 2019 18:01

Tgt Ion: 106 Resp: 1848

Ion Ratio Lower Upper

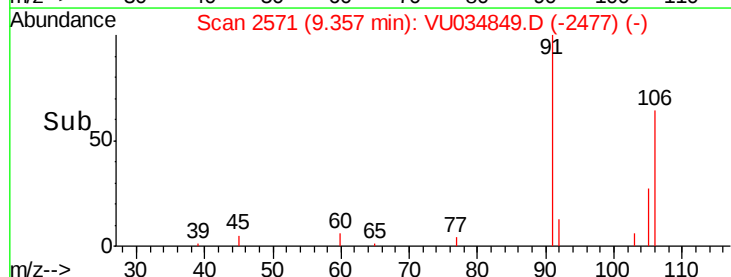
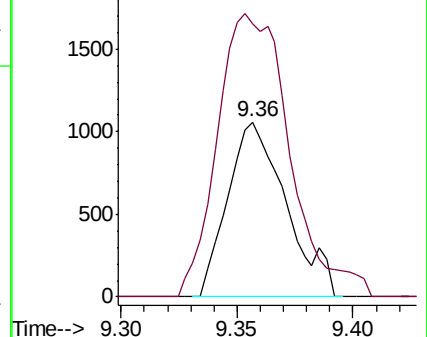
106 100

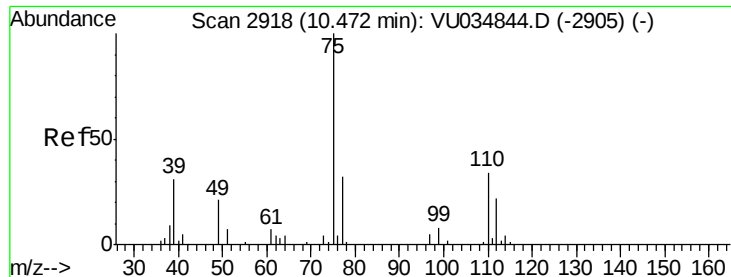
91 156.6 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VU034844.D (-2558) (-)

Ion 91.15 (90.85 to 91.85): VU034844.D (-2558) (-)





#59

1,2,3-Trichloropropane

Concen: 1.285 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034849.D

Acq: 26 Sep 2019 18:01

Instrument :

MSVOA_U

ClientSampleId :

CWK40

Tgt Ion: 75 Resp: 6603

Ion Ratio Lower Upper

75 100

77 39.2 26.0 39.0#

