

Data File : VU034846.D
Acq On : 26 Sep 2019 16:48
Operator : JC/SP
Sample : K5007-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK32

Quant Time: Sep 27 05:13:13 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	106980	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	104122	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	49730	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36281	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.67	69	30470	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.26	63	56389	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.17	46	93329	44.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.20%
24) Chloroform-d	4.62	84	54701	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.29	65	30183	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
32) Benzene-d6	5.32	84	116054	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.31	67	39574	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.54	98	112527	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.83	79	13736	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.29	63	71316	42.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	28549	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	38122	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

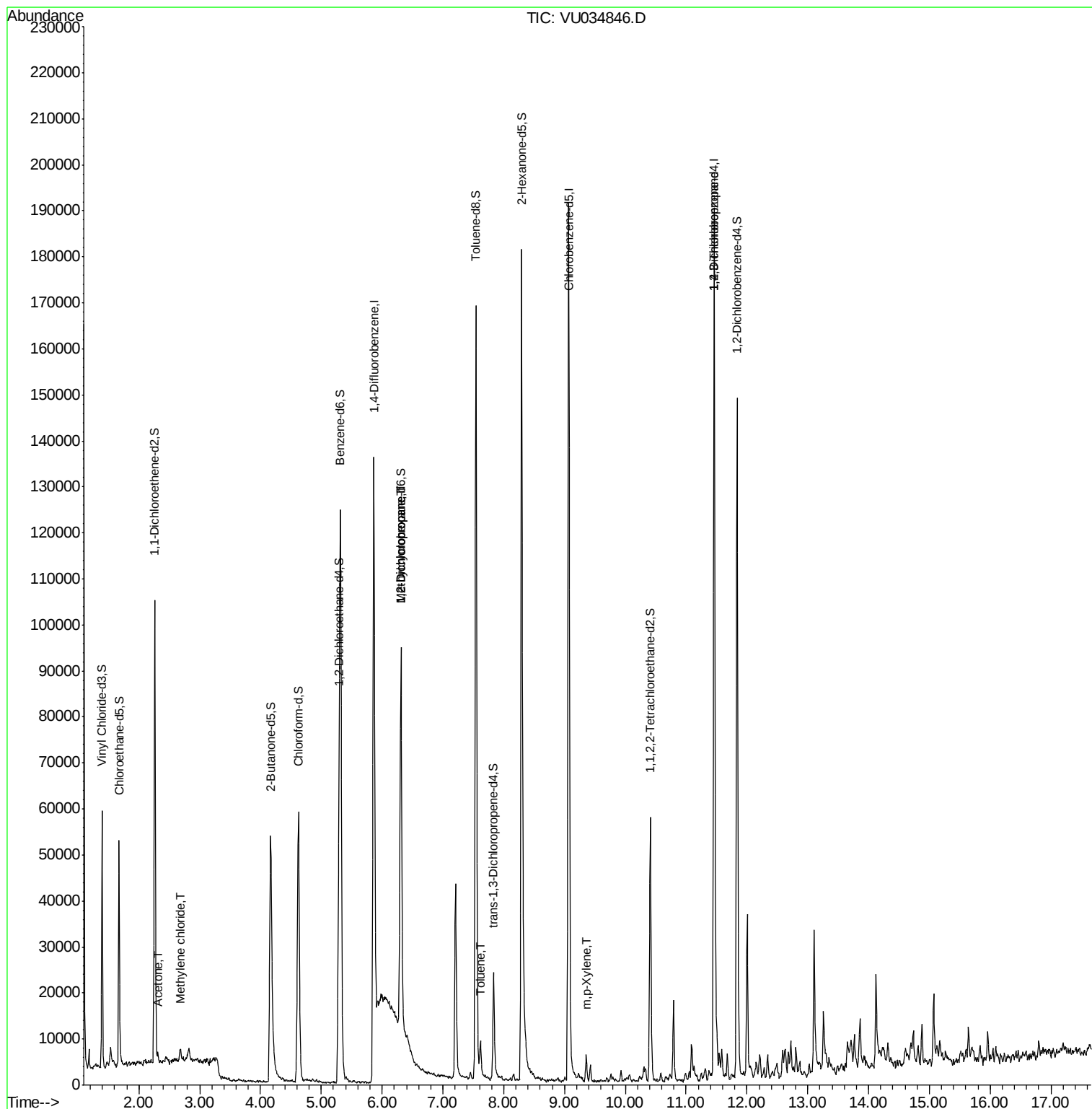
					Qvalue
13) Acetone	2.32	43	1663	1.029 ug/L	87
16) Methylene chloride	2.68	84	787	0.112 ug/L	87
35) Methylcyclohexane	6.31	83	7759	0.685 ug/L #	16
37) 1,2-Dichloropropane	6.31	63	4469	0.514 ug/L #	92
42) Toluene	7.62	91	5869	0.193 ug/L	84
53) m,p-Xylene	9.36	106	1442	0.116 ug/L	99
59) 1,2,3-Trichloropropane	11.46	75	7054	1.242 ug/L	89

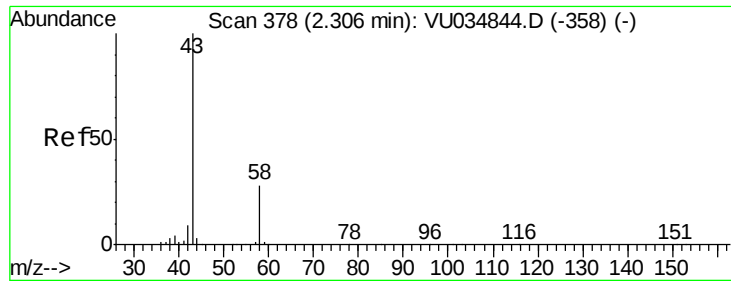
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.029 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

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Acq: 26 Sep 2019 16:48

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MSVOA_U

ClientSampleId :

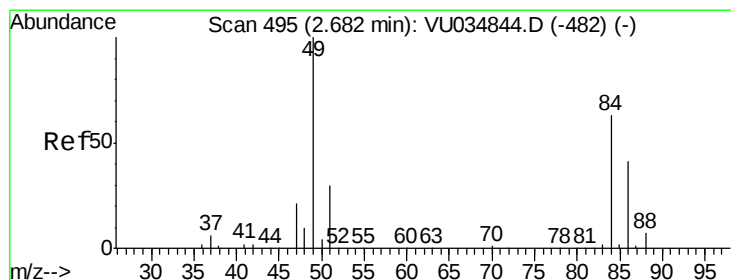
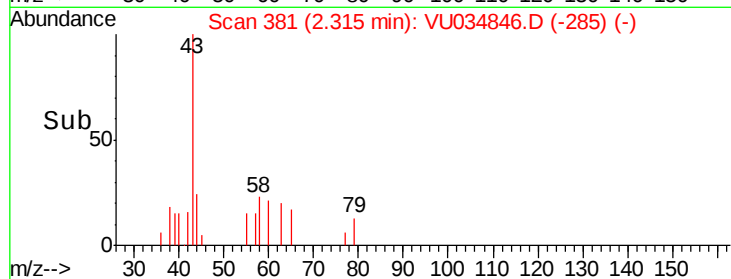
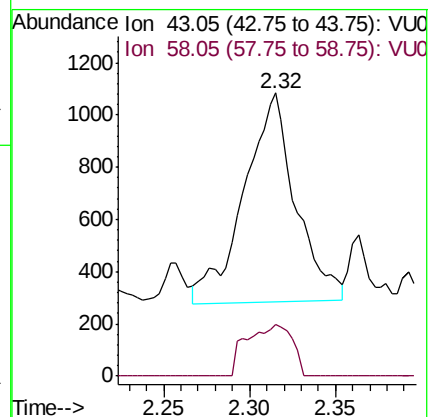
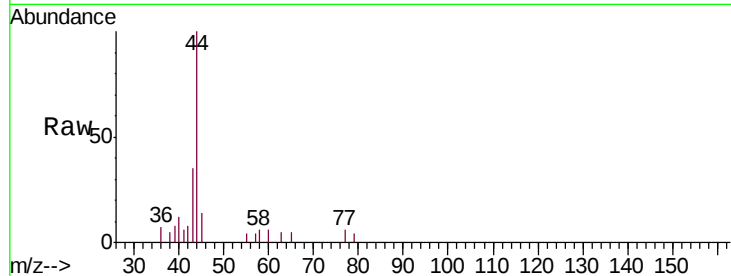
CWK32

Tgt Ion: 43 Resp: 1663

Ion Ratio Lower Upper

43 100

58 21.8 0.0 57.8



#16

Methylene chloride

Concen: 0.112 ug/L

RT: 2.68 min Scan# 494

Delta R.T. -0.00 min

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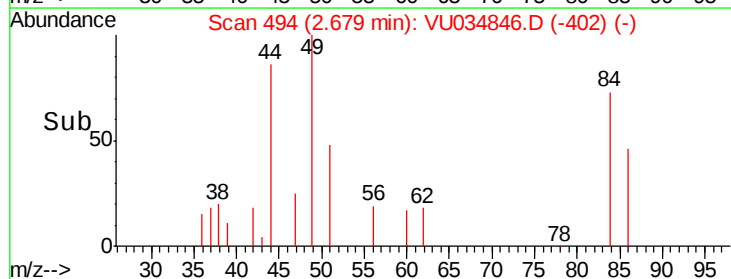
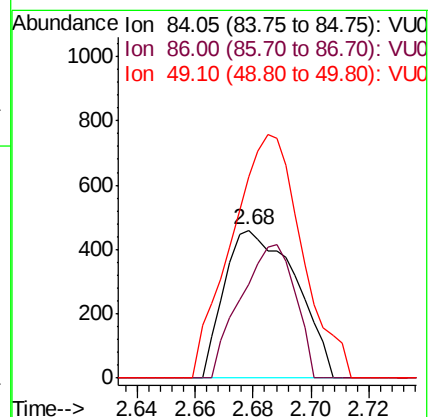
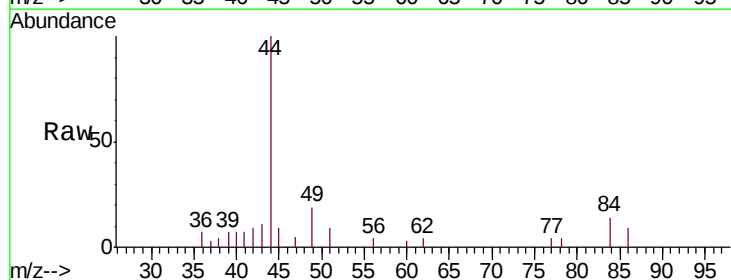
Tgt Ion: 84 Resp: 787

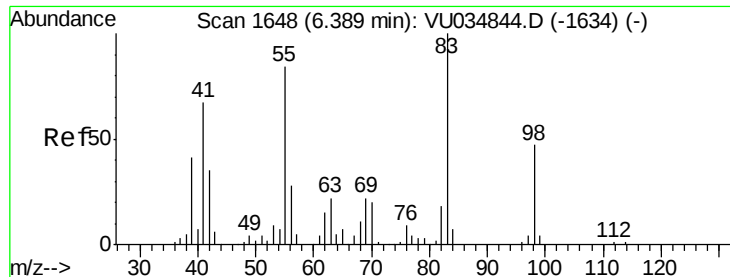
Ion Ratio Lower Upper

84 100

86 63.3 43.0 80.0

49 136.1 110.9 205.9





#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

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Instrument :

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ClientSampleId :

CWK32

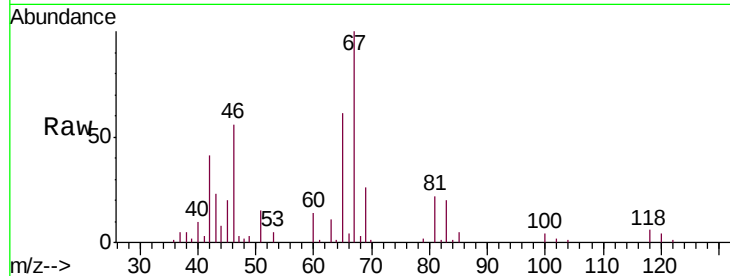
Tgt Ion: 83 Resp: 7759

Ion Ratio Lower Upper

83 100

55 0.6 66.8 100.2#

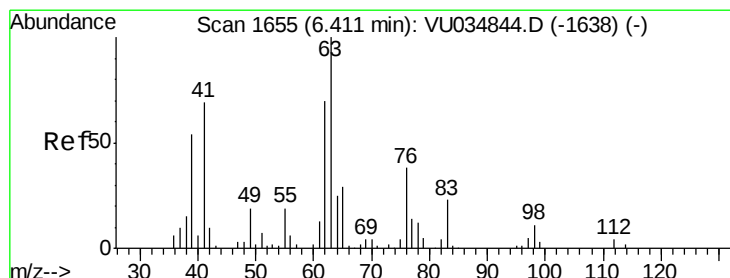
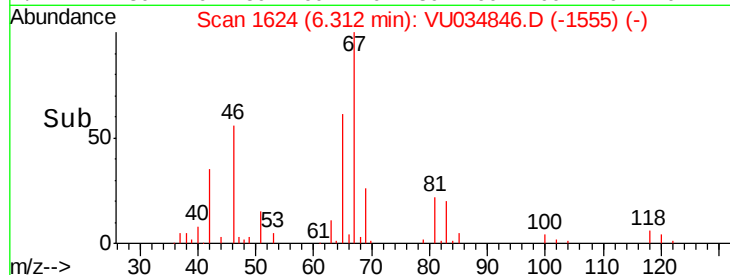
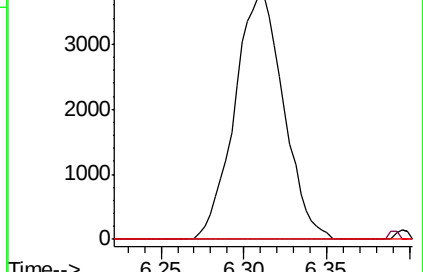
98 0.0 35.4 53.0#



Abundance Ion 83.15 (82.85 to 83.85): VU034844.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VU034844.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VU034844.D (-1634) (-)



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU034846.D

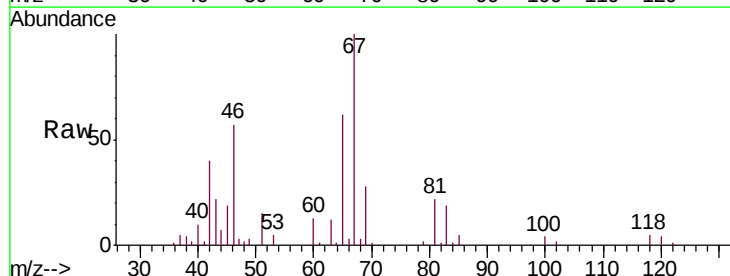
Acq: 26 Sep 2019 16:48

Tgt Ion: 63 Resp: 4469

Ion Ratio Lower Upper

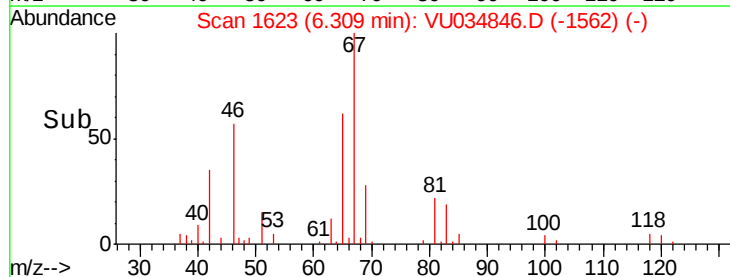
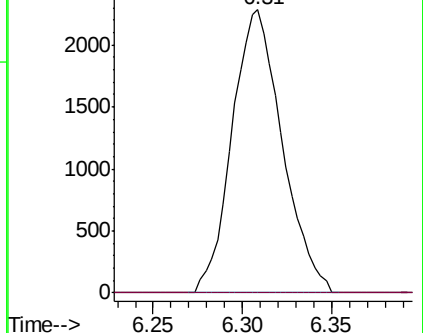
63 100

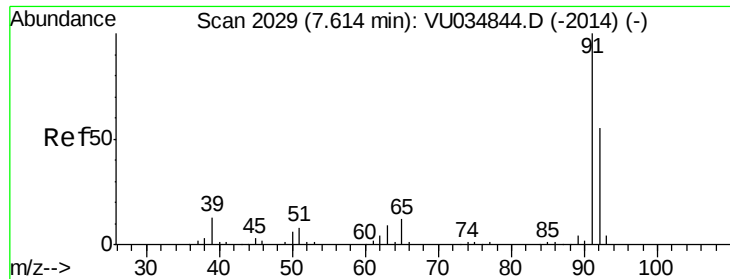
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU034844.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU034844.D (-1638) (-)





#42

Toluene

Concen: 0.193 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU034846.D

Acq: 26 Sep 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

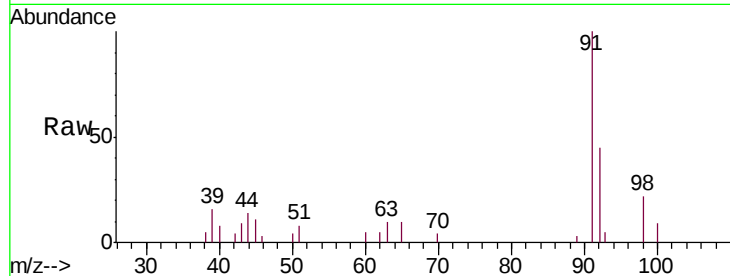
CWK32

Tgt Ion: 91 Resp: 5869

Ion Ratio Lower Upper

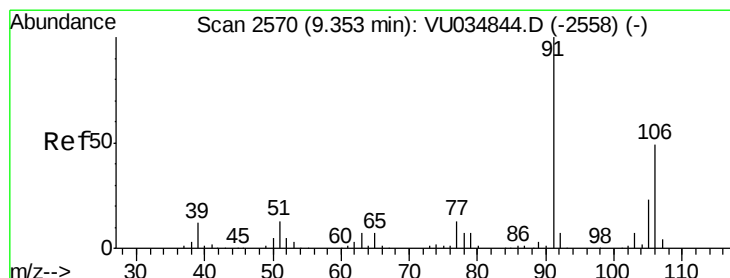
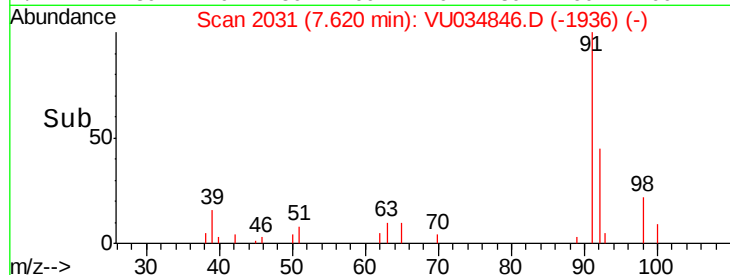
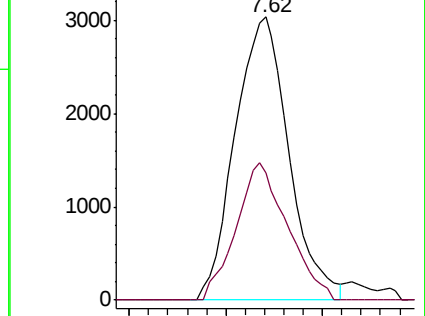
91 100

92 45.2 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: 0.116 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034846.D

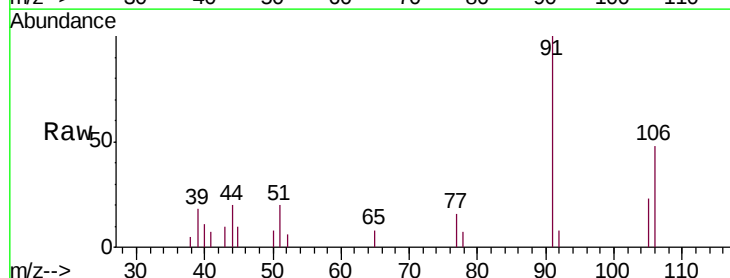
Acq: 26 Sep 2019 16:48

Tgt Ion: 106 Resp: 1442

Ion Ratio Lower Upper

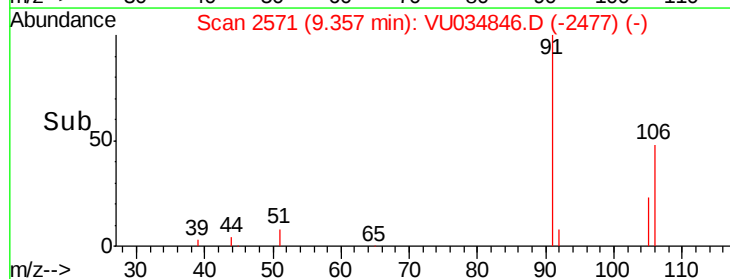
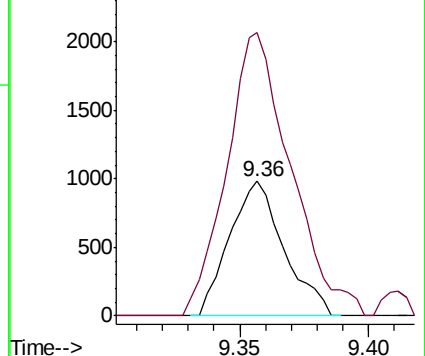
106 100

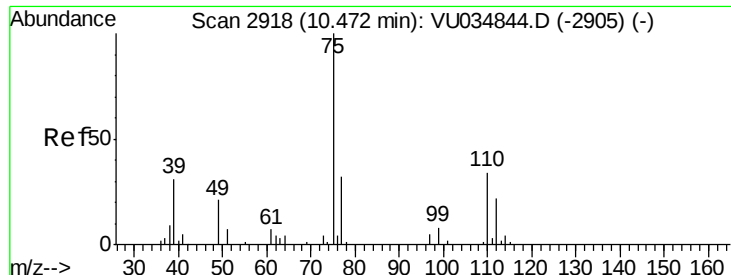
91 210.0 147.8 274.4



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: 1.242 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034846.D

Acq: 26 Sep 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

CWK32

Tgt Ion: 75 Resp: 7054

Ion Ratio Lower Upper

75 100

77 38.6 26.0 39.0

