

Data File : VU029756.D
Acq On : 01 Mar 2019 12:09
Operator : JC/SP
Sample : K1660-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK13

Quant Time: Mar 01 22:15:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236909	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233248	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59747	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	64548	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	95125	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.19	46	228556	65.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.68%#
24) Chloroform-d	4.65	84	131895	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	78386	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.34	84	293892	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	95509	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.56	98	256337	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.85	79	33956	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.31	63	212552	60.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87746	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	114851	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

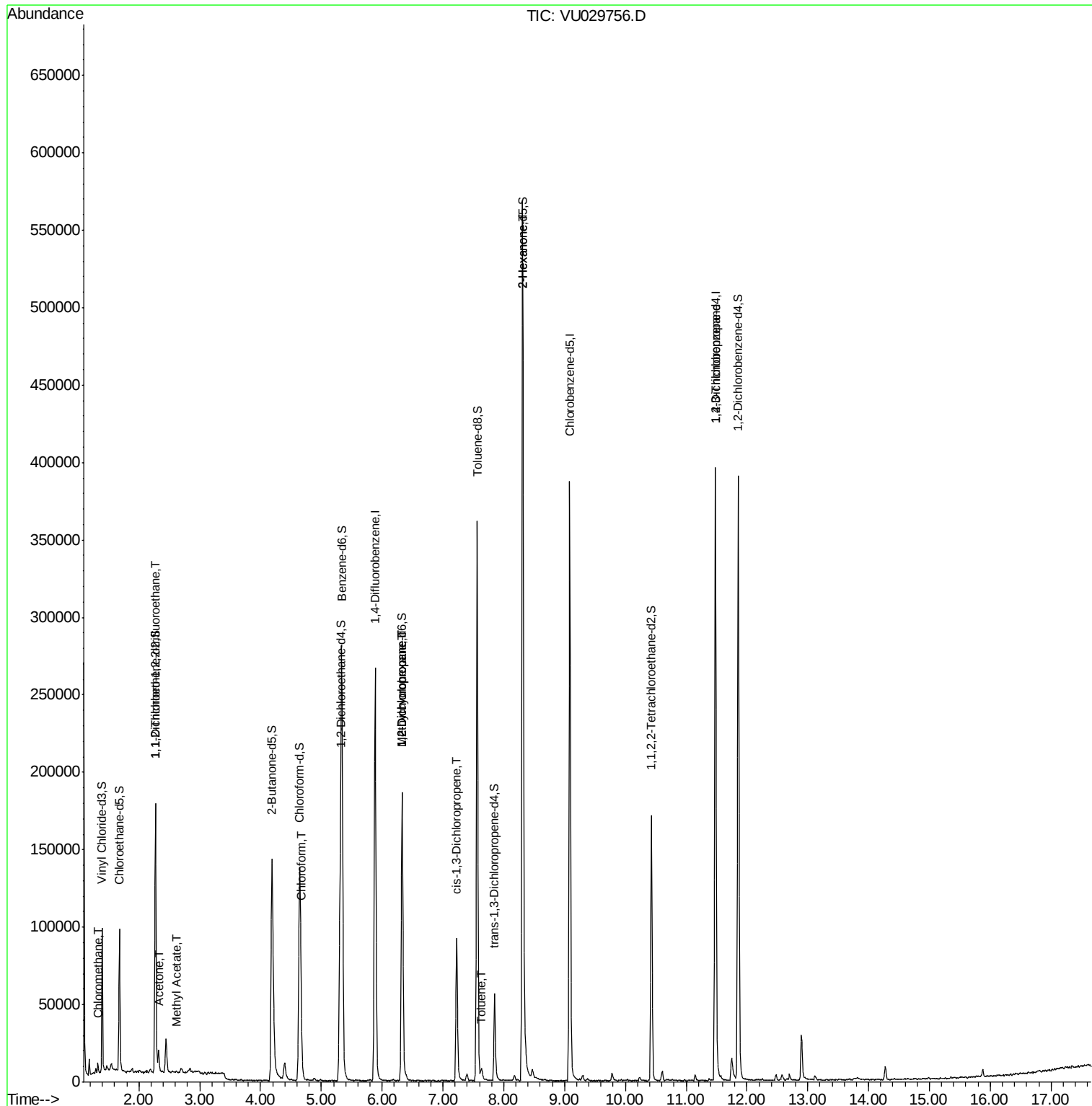
						Qvalue
3) Chloromethane	1.33	50	4013	0.251	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	995	0.054	ug/L #	17
13) Acetone	2.32	43	11851	4.716	ug/L	93
15) Methyl Acetate	2.62	43	906	0.124	ug/L #	64
25) Chloroform	4.67	83	15747	0.528	ug/L	93
35) Methylcyclohexane	6.33	83	22034	0.790	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9489	0.611	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2212	0.097	ug/L #	80
42) Toluene	7.64	91	5751	0.082	ug/L	93
48) 2-Hexanone	8.31	43	22295	3.493	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	12298	1.186	ug/L	93

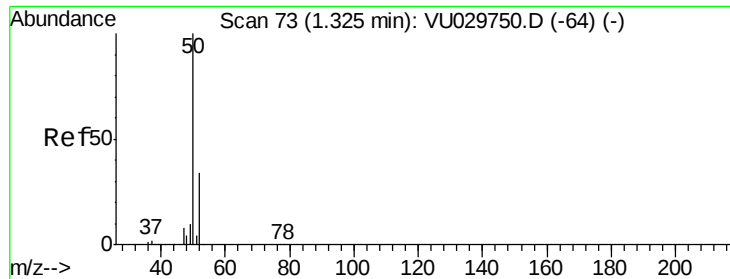
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.251 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

Instrument :

MSVOA_U

ClientSampleId :

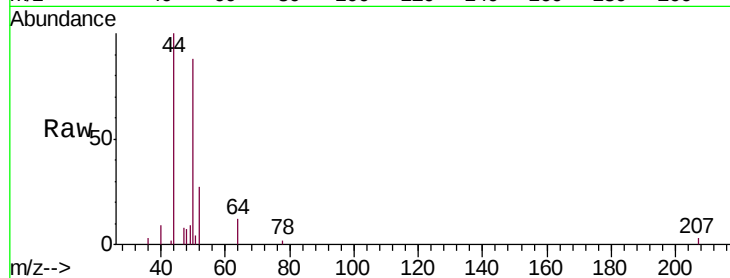
CWK13

Tgt Ion: 50 Resp: 4013

Ion Ratio Lower Upper

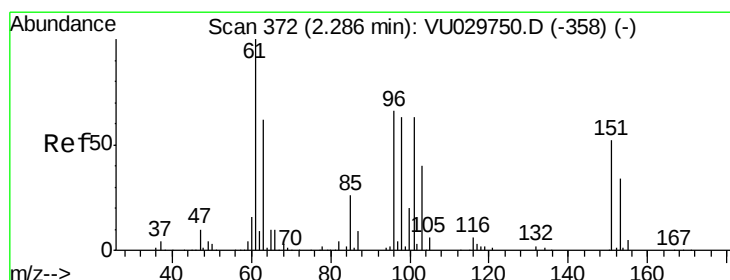
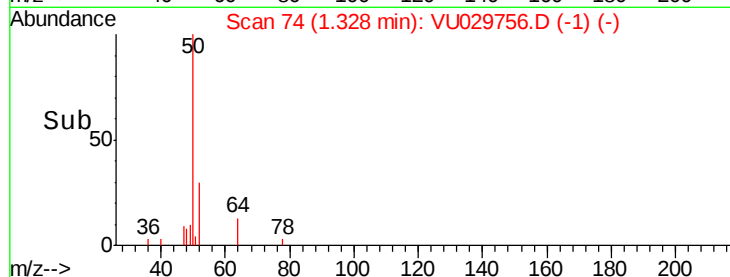
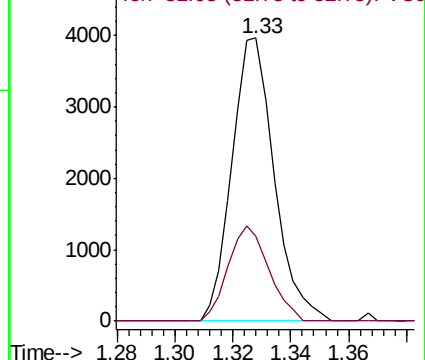
50 100

52 30.2 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.054 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

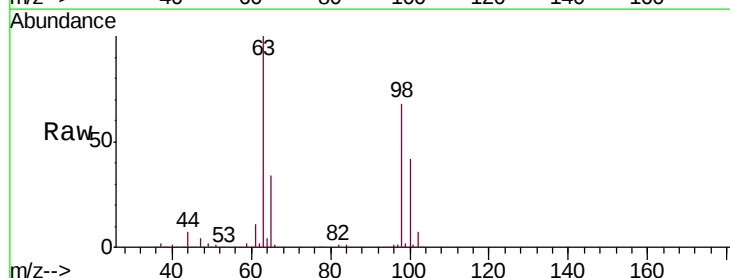
Tgt Ion: 101 Resp: 995

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

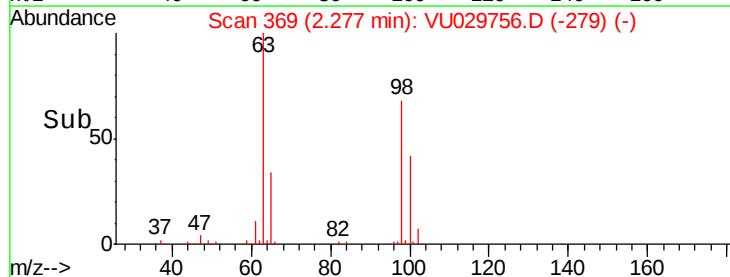
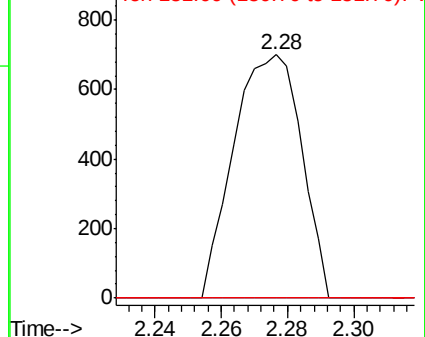
151 0.0 65.9 98.9#

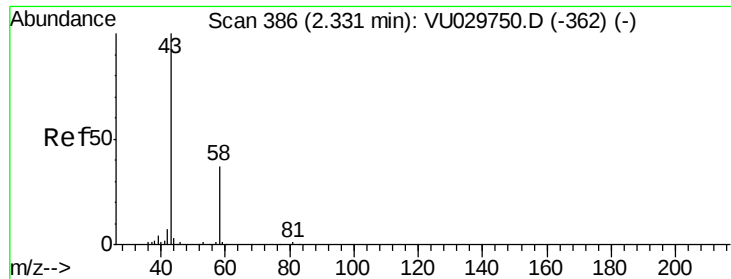


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 4.716 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

Instrument :

MSVOA_U

ClientSampleId :

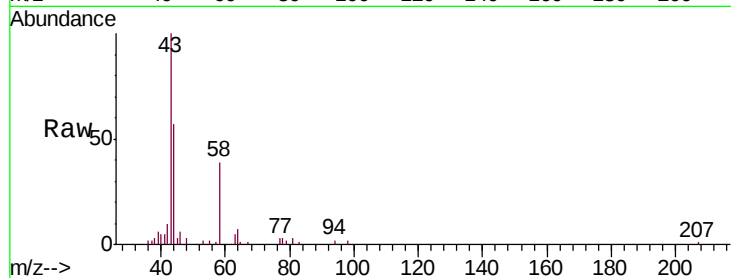
CWK13

Tgt Ion: 43 Resp: 11851

Ion Ratio Lower Upper

43 100

58 39.2 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

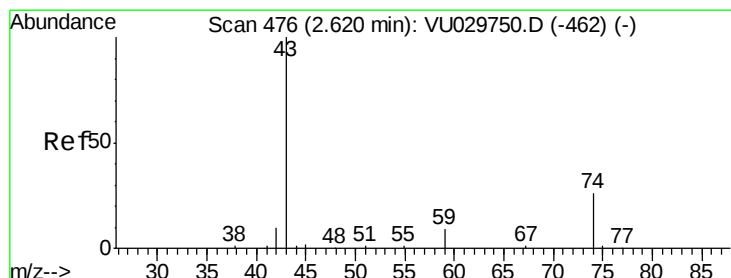
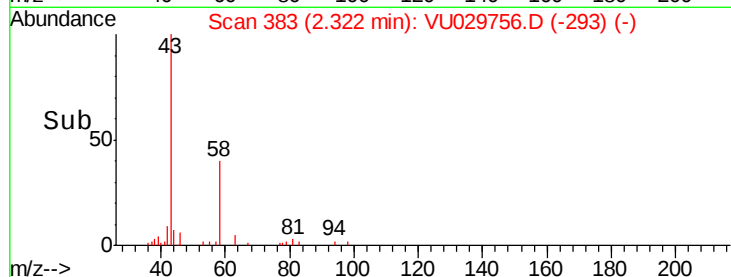
6000

4000

2000

0

Time--> 2.25 2.30 2.35



#15

Methyl Acetate

Concen: 0.124 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU029756.D

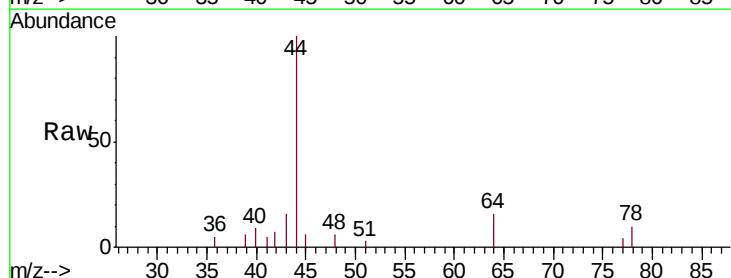
Acq: 01 Mar 2019 12:09

Tgt Ion: 43 Resp: 906

Ion Ratio Lower Upper

43 100

74 8.2 21.6 32.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.62

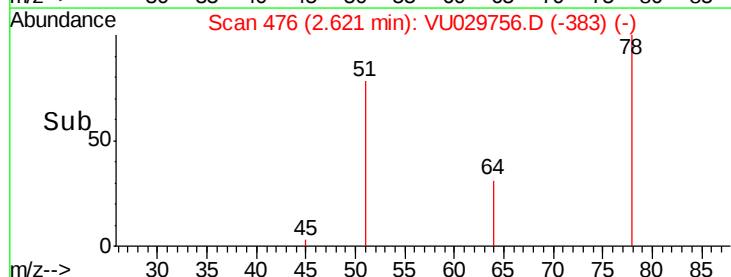
600

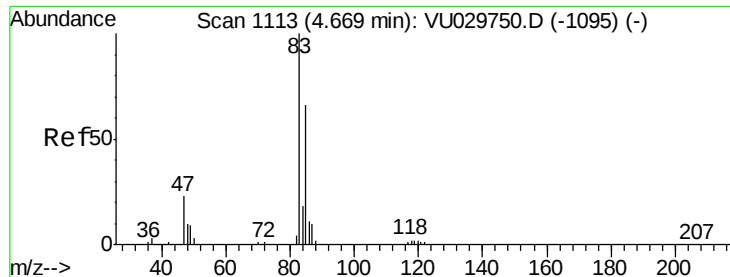
400

200

0

Time--> 2.55 2.60 2.65





#25

Chloroform

Concen: 0.528 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

Instrument :

MSVOA_U

ClientSampleId :

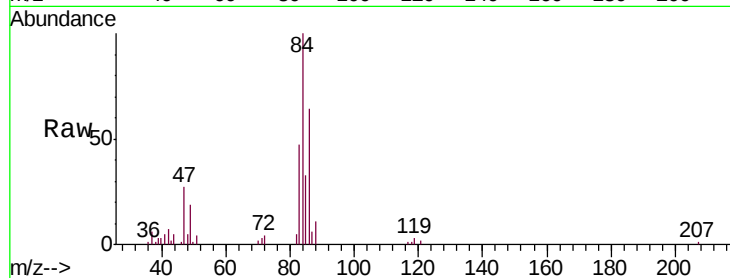
CWK13

Tgt Ion: 83 Resp: 15747

Ion Ratio Lower Upper

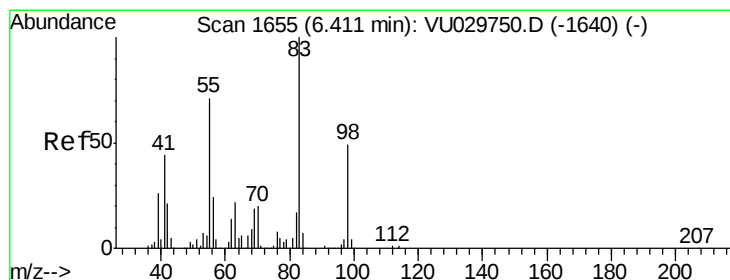
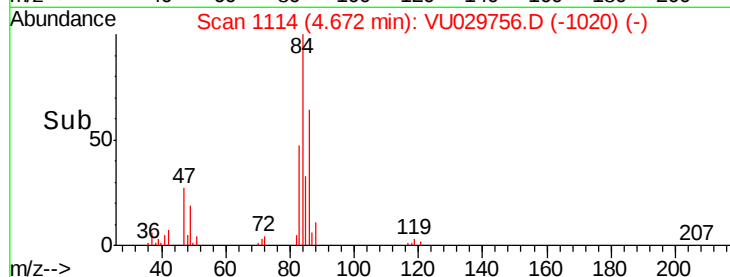
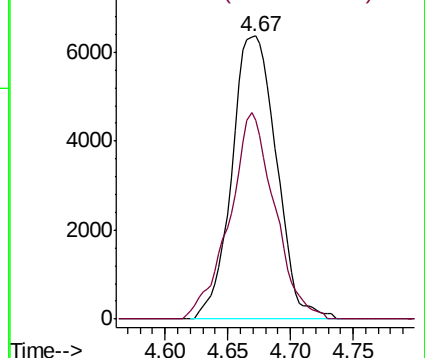
83 100

85 70.4 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

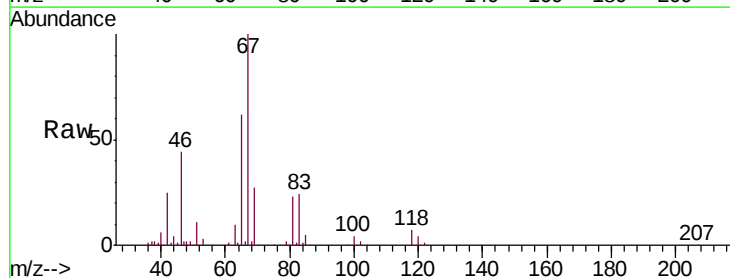
Tgt Ion: 83 Resp: 22034

Ion Ratio Lower Upper

83 100

55 0.6 56.5 84.7#

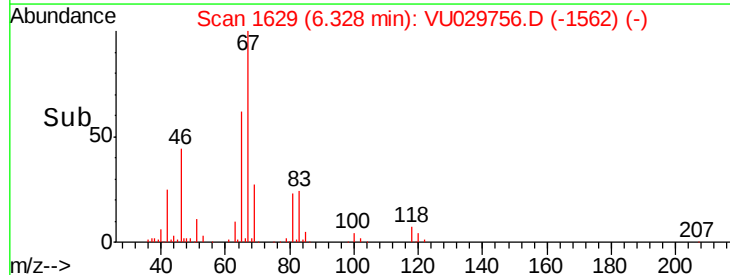
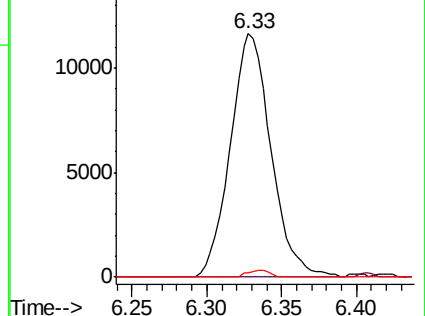
98 1.5 39.4 59.2#

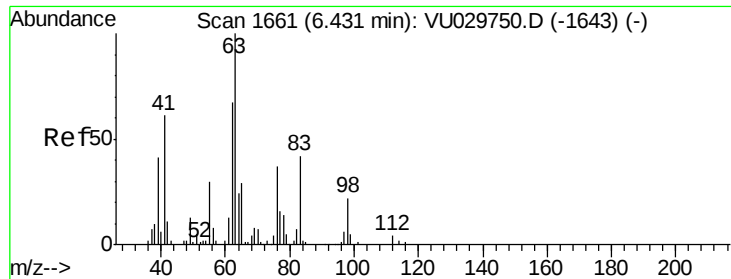


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

Instrument :

MSVOA_U

ClientSampled :

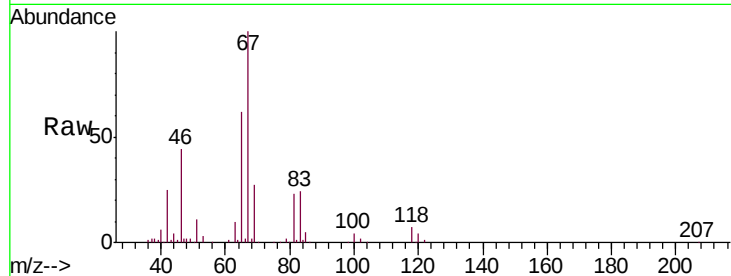
CWK13

Tgt Ion: 63 Resp: 9489

Ion Ratio Lower Upper

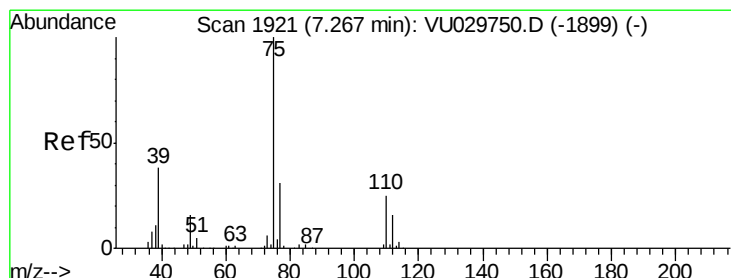
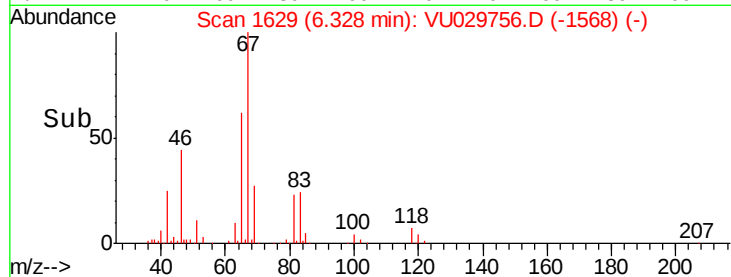
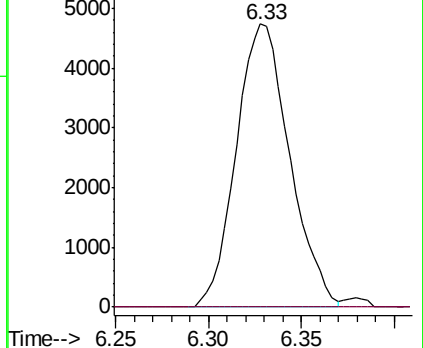
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029756.D

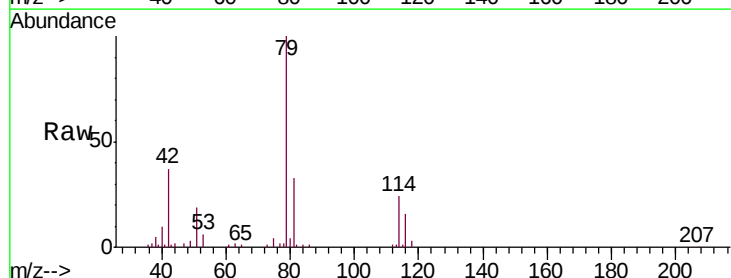
Acq: 01 Mar 2019 12:09

Tgt Ion: 75 Resp: 2212

Ion Ratio Lower Upper

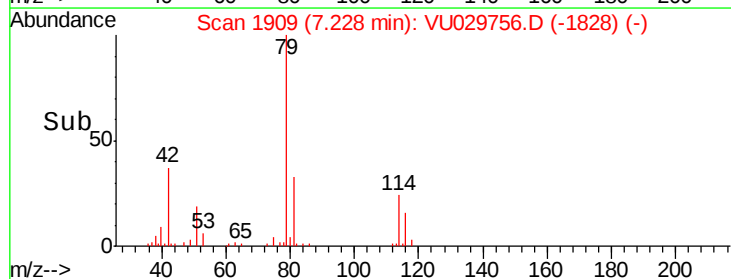
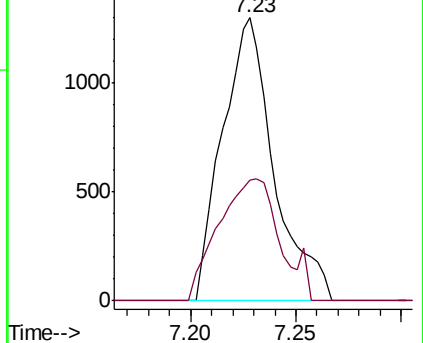
75 100

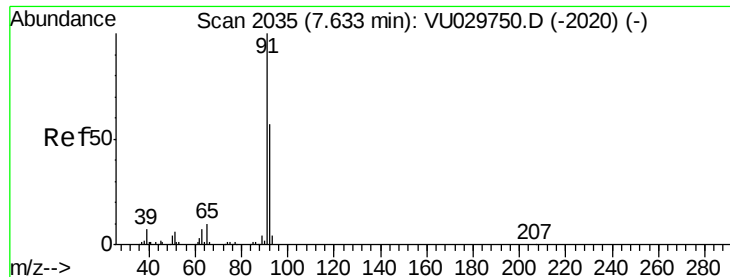
77 42.8 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#42

Toluene

Concen: 0.082 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

Instrument :

MSVOA_U

ClientSampleId :

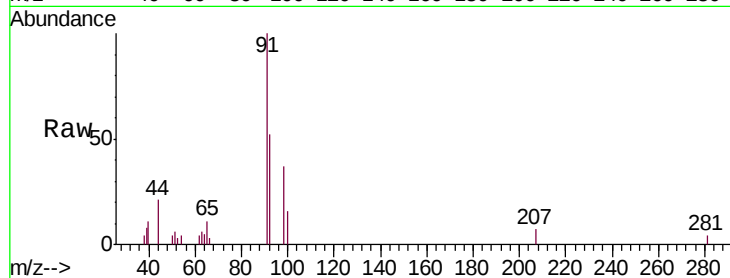
CWK13

Tgt Ion: 91 Resp: 5751

Ion Ratio Lower Upper

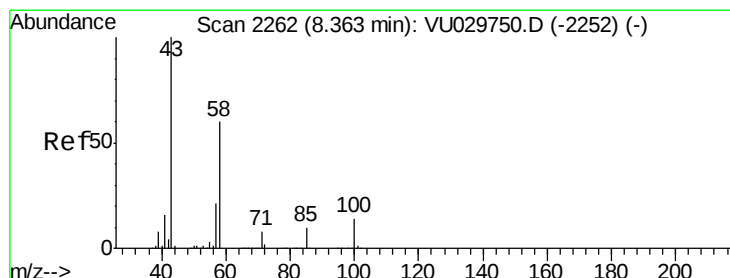
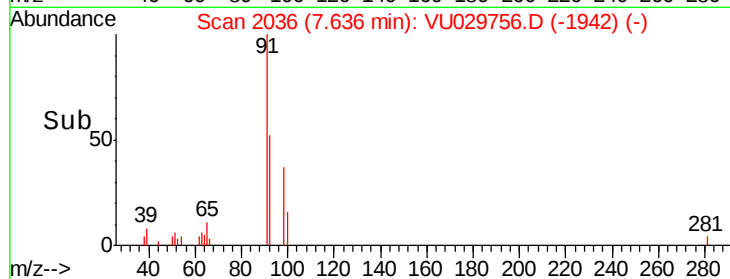
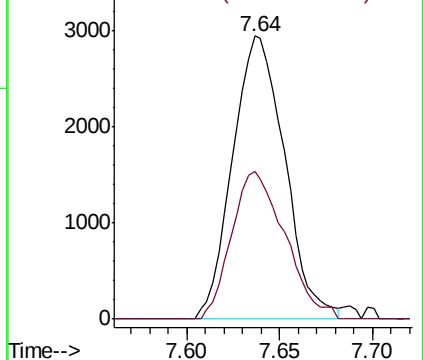
91 100

92 52.0 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#48

2-Hexanone

Concen: 3.493 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

Tgt Ion: 43 Resp: 22295

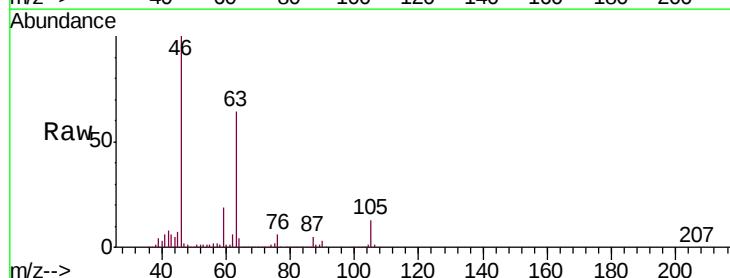
Ion Ratio Lower Upper

43 100

58 26.7 46.6 69.8#

57 26.3 15.9 23.9#

100 0.5 11.4 17.2#

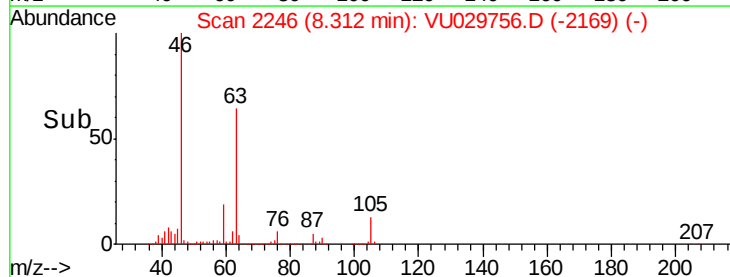
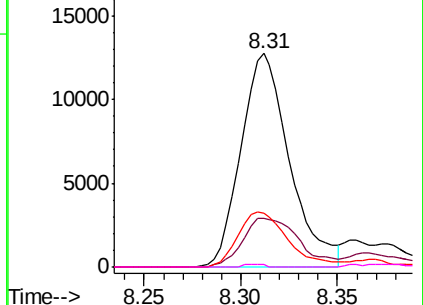


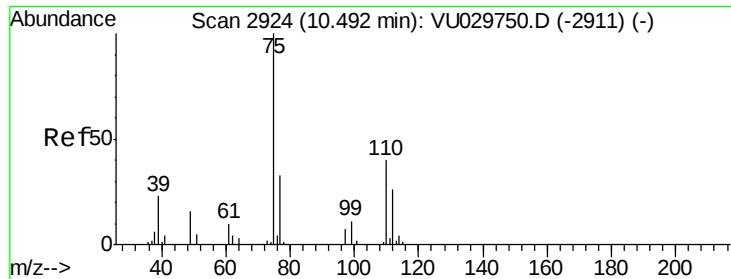
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.186 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029756.D

Acq: 01 Mar 2019 12:09

Instrument :

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ClientSampleId :

CWK13

Tgt Ion: 75 Resp: 12298

Ion Ratio Lower Upper

75 100

77 35.7 25.6 38.4

