

Data File : VU034998.D
Acq On : 08 Oct 2019 18:42
Operator : JC/SP
Sample : K5268-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBAX1

Quant Time: Oct 09 07:25:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	159917	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38572	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.68	69	38140	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.26	63	59914	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.17	46	131967	47.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	4.62	84	69611	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.29	65	48865	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.32	84	167832	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.31	67	60147	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.55	98	149662	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.84	79	17002	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.30	63	93085	41.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	50233	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	55882	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

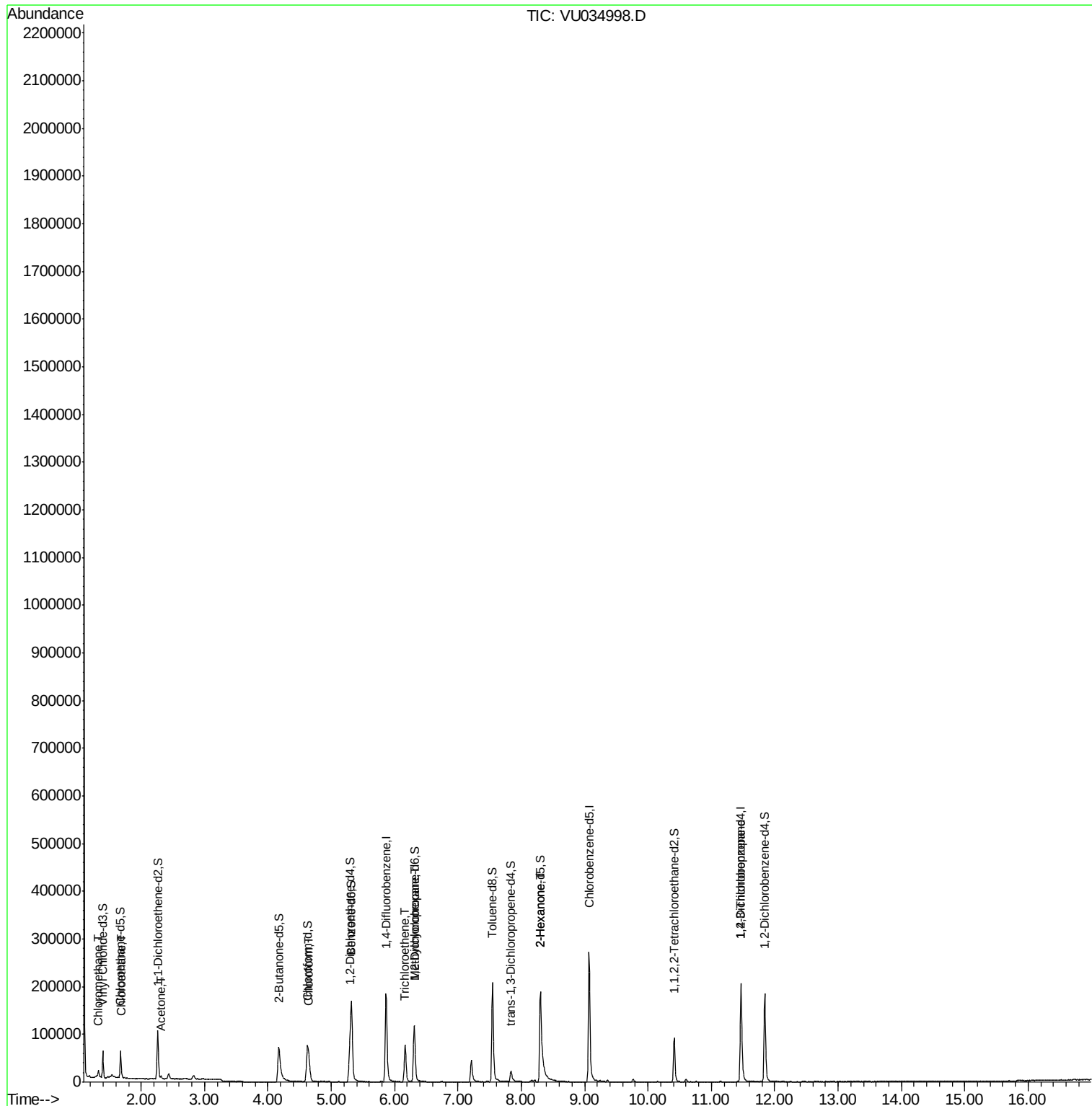
					Qvalue
3) Chloromethane	1.32	50	7923	0.494 ug/L	100
8) Chloroethane	1.69	64	1091	0.116 ug/L #	58
13) Acetone	2.31	43	5698	2.499 ug/L	95
25) Chloroform	4.65	83	29706	1.209 ug/L	97
34) Trichloroethene	6.16	95	27991	2.177 ug/L	98
35) Methylcyclohexane	6.31	83	12987	0.624 ug/L #	19
48) 2-Hexanone	8.31	43	9930	1.711 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	8335	0.957 ug/L	90

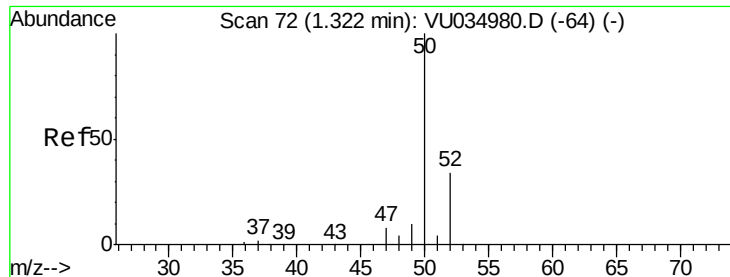
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.494 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Acq: 08 Oct 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

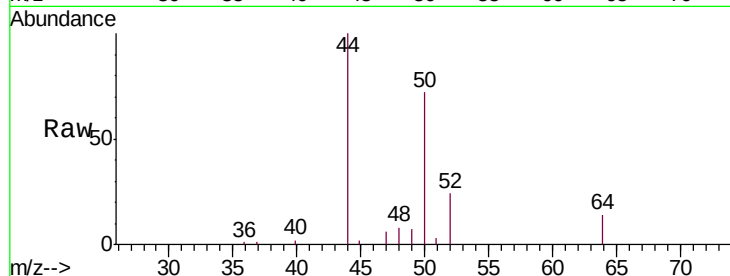
DBAX1

Tgt Ion: 50 Resp: 7923

Ion Ratio Lower Upper

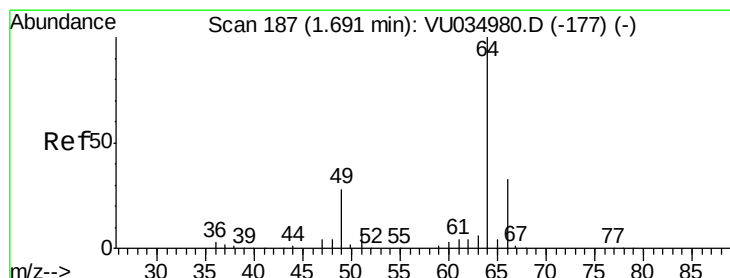
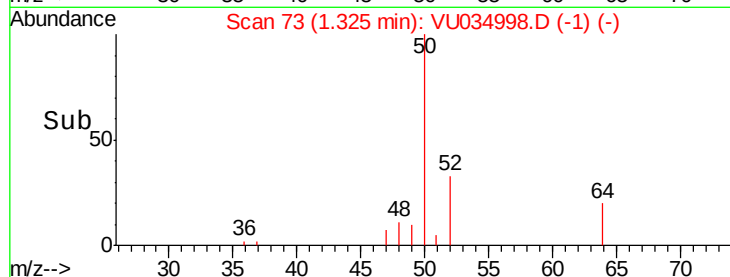
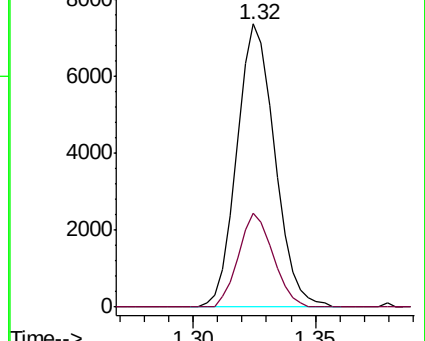
50 100

52 33.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU034998.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU034998.D (-1) (-)



#8

Chloroethane

Concen: 0.116 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU034998.D

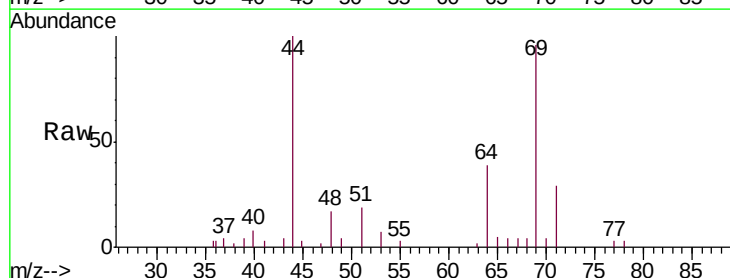
Acq: 08 Oct 2019 18:42

Tgt Ion: 64 Resp: 1091

Ion Ratio Lower Upper

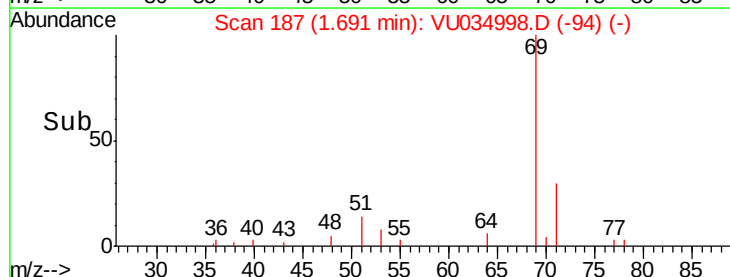
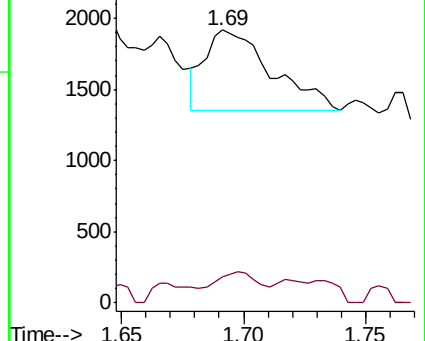
64 100

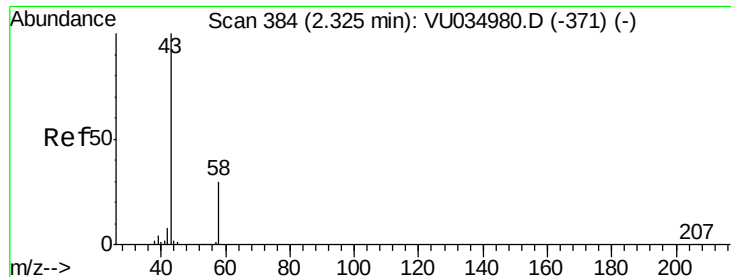
66 9.6 23.2 43.2#



Abundance Ion 64.10 (63.80 to 64.80): VU034998.D (-94) (-)

Ion 66.05 (65.75 to 66.75): VU034998.D (-94) (-)





#13

Acetone

Concen: 2.499 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034998.D

Acq: 08 Oct 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

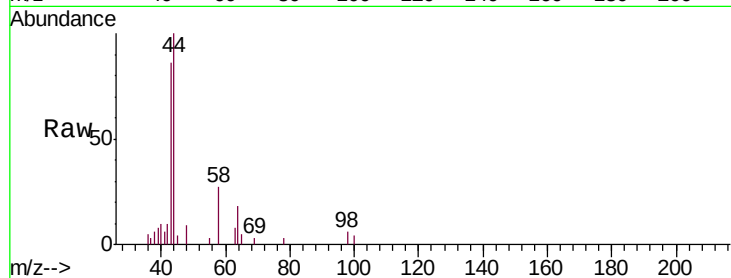
DBAX1

Tgt Ion: 43 Resp: 5698

Ion Ratio Lower Upper

43 100

58 30.3 0.0 66.6

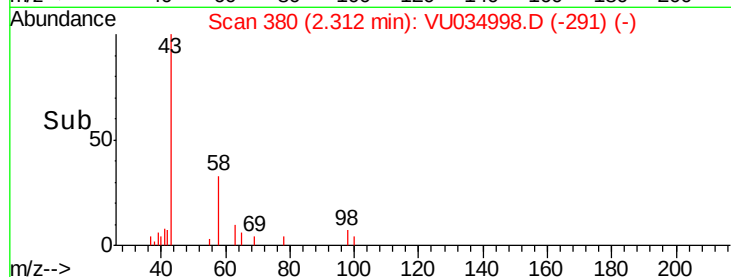


Abundance Ion 43.05 (42.75 to 43.75): VU034998.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU034998.D (-371) (-)

2.31

Time-->

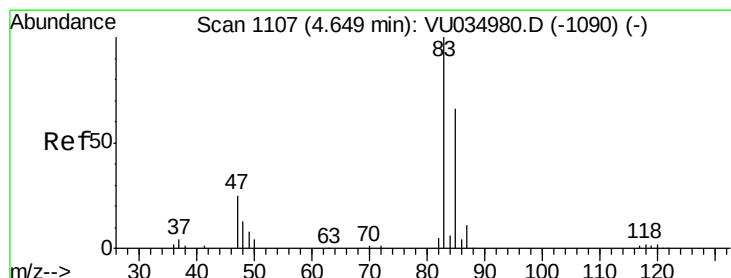


Abundance Ion 43.05 (42.75 to 43.75): VU034998.D (-291) (-)

Ion 58.05 (57.75 to 58.75): VU034998.D (-291) (-)

2.31

Time-->



#25

Chloroform

Concen: 1.209 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU034998.D

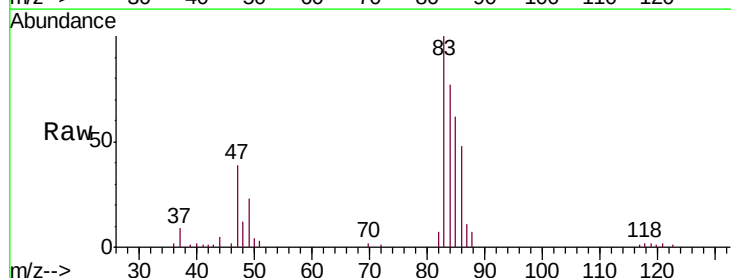
Acq: 08 Oct 2019 18:42

Tgt Ion: 83 Resp: 29706

Ion Ratio Lower Upper

83 100

85 62.2 45.4 84.4

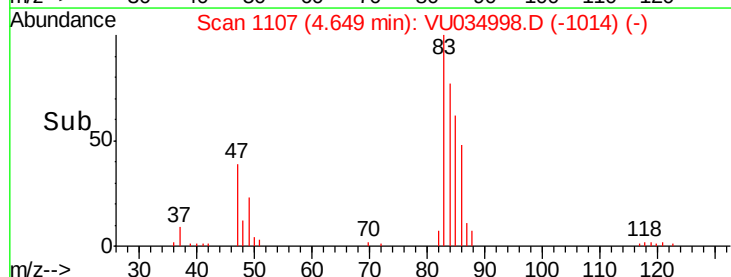


Abundance Ion 83.05 (82.75 to 83.75): VU034998.D (-1090) (-)

Ion 85.00 (84.70 to 85.70): VU034998.D (-1090) (-)

4.65

Time-->

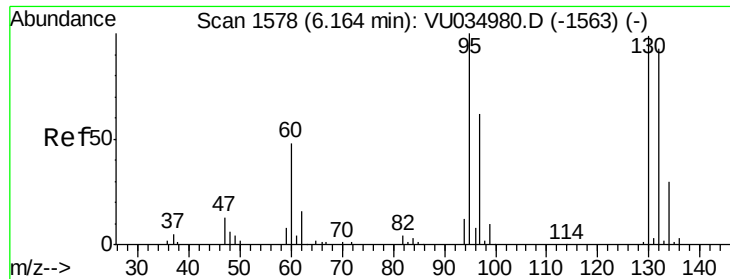


Abundance Ion 83.05 (82.75 to 83.75): VU034998.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VU034998.D (-1014) (-)

4.65

Time-->



#34

Trichloroethene

Concen: 2.177 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034998.D

Acq: 08 Oct 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

DBAX1

Tgt Ion: 95 Resp: 27991

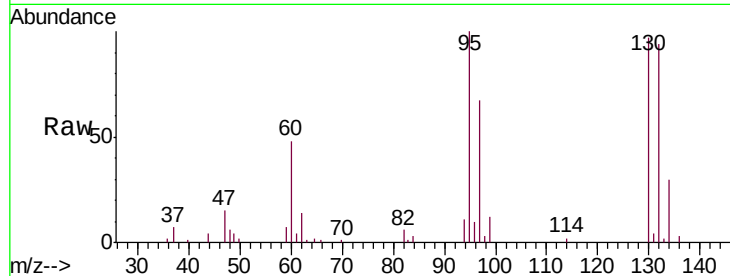
Ion Ratio Lower Upper

95 100

97 67.2 44.5 82.7

132 93.9 66.6 123.8

130 97.1 68.9 127.9

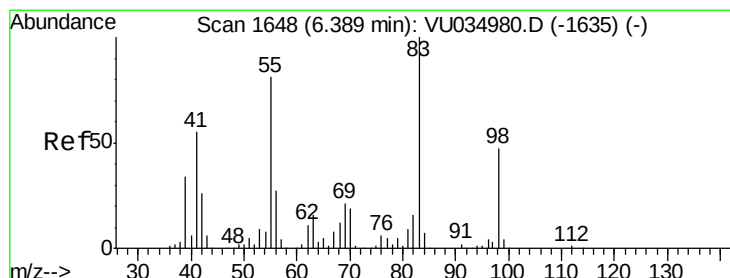
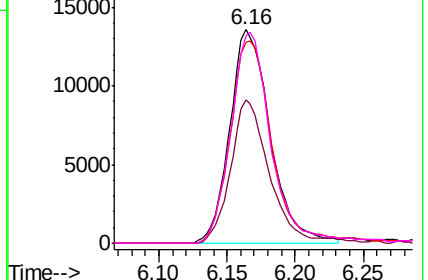
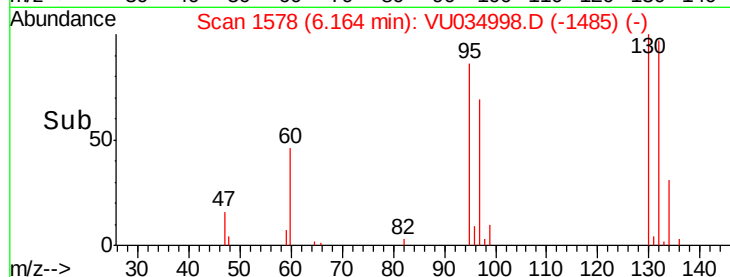


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.624 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU034998.D

Acq: 08 Oct 2019 18:42

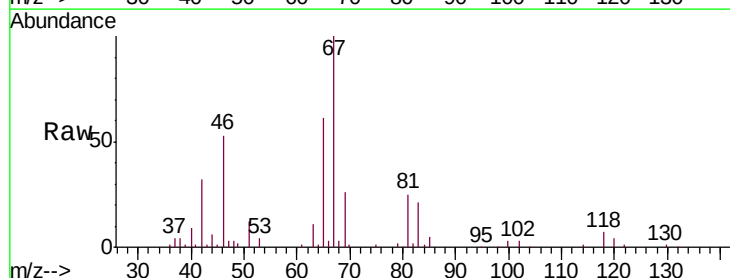
Tgt Ion: 83 Resp: 12987

Ion Ratio Lower Upper

83 100

55 0.7 62.6 94.0#

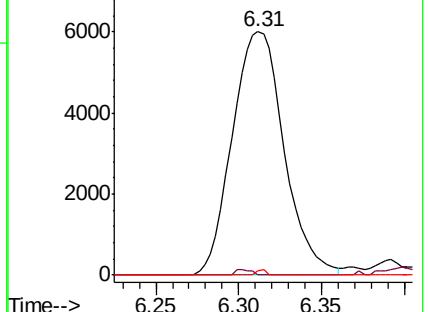
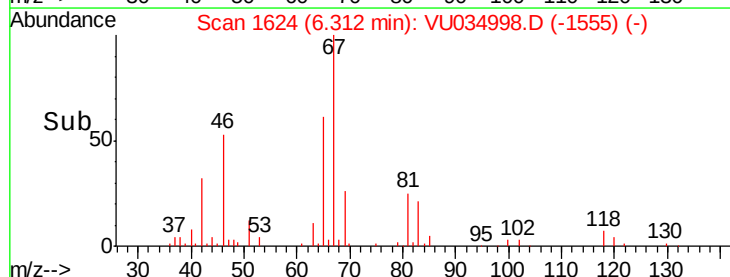
98 0.4 36.2 54.2#

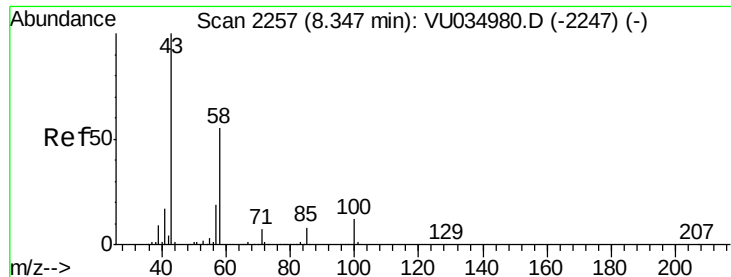


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

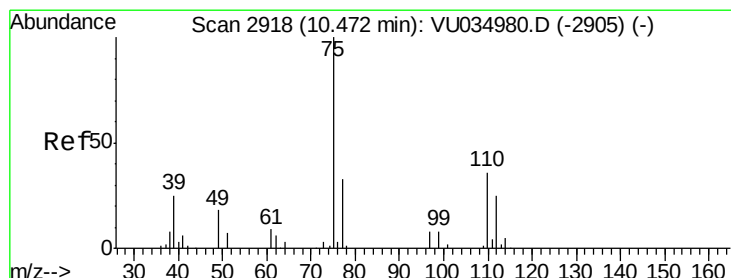
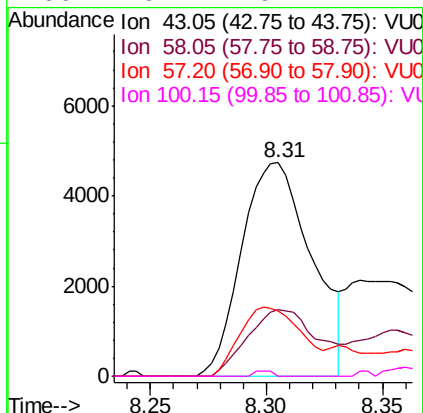
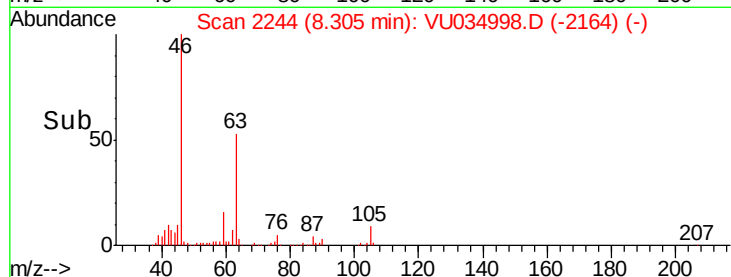
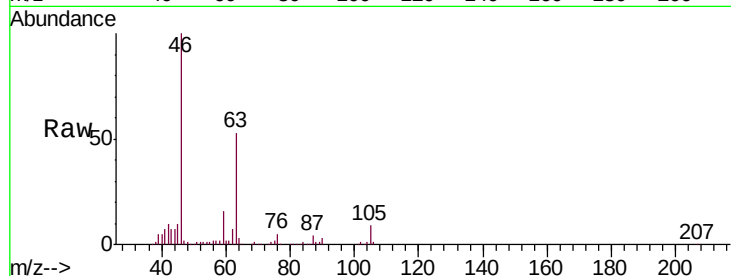




#48
2-Hexanone
Concen: 1.711 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU034998.D
Acq: 08 Oct 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
DBAX1

Tgt Ion: 43 Resp: 9930
Ion Ratio Lower Upper
43 100
58 31.0 44.1 66.1#
57 29.1 15.8 23.8#
100 0.7 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.957 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU034998.D
Acq: 08 Oct 2019 18:42

Tgt Ion: 75 Resp: 8335
Ion Ratio Lower Upper
75 100
77 38.5 26.5 39.7

