

Data File : VU032466.D
Acq On : 05 Jun 2019 17:25
Operator : JC/SP
Sample : K3017-08ME
Misc : 4.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51E1ME

Quant Time: Jun 06 04:08:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 06 04:04:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	203216	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	196295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56286	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.38%
7) Chloroethane-d5	1.71	69	233	0.22	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.44%#
11) 1,1-Dichloroethene-d2	2.23	63	88975	34.47	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.94%
21) 2-Butanone-d5	4.19	46	108217	98.08	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	4.64	84	107559	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	5.30	65	71862	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
32) Benzene-d6	5.32	84	226850	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
36) 1,2-Dichloropropane-d6	6.32	67	71456	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.44%
41) Toluene-d8	7.56	98	217206	44.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.90%
43) trans-1,3-Dichloropropene-	7.85	79	34982	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.50%
47) 2-Hexanone-d5	8.32	63	81435	105.07	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112635	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	98224	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%

Target Compounds

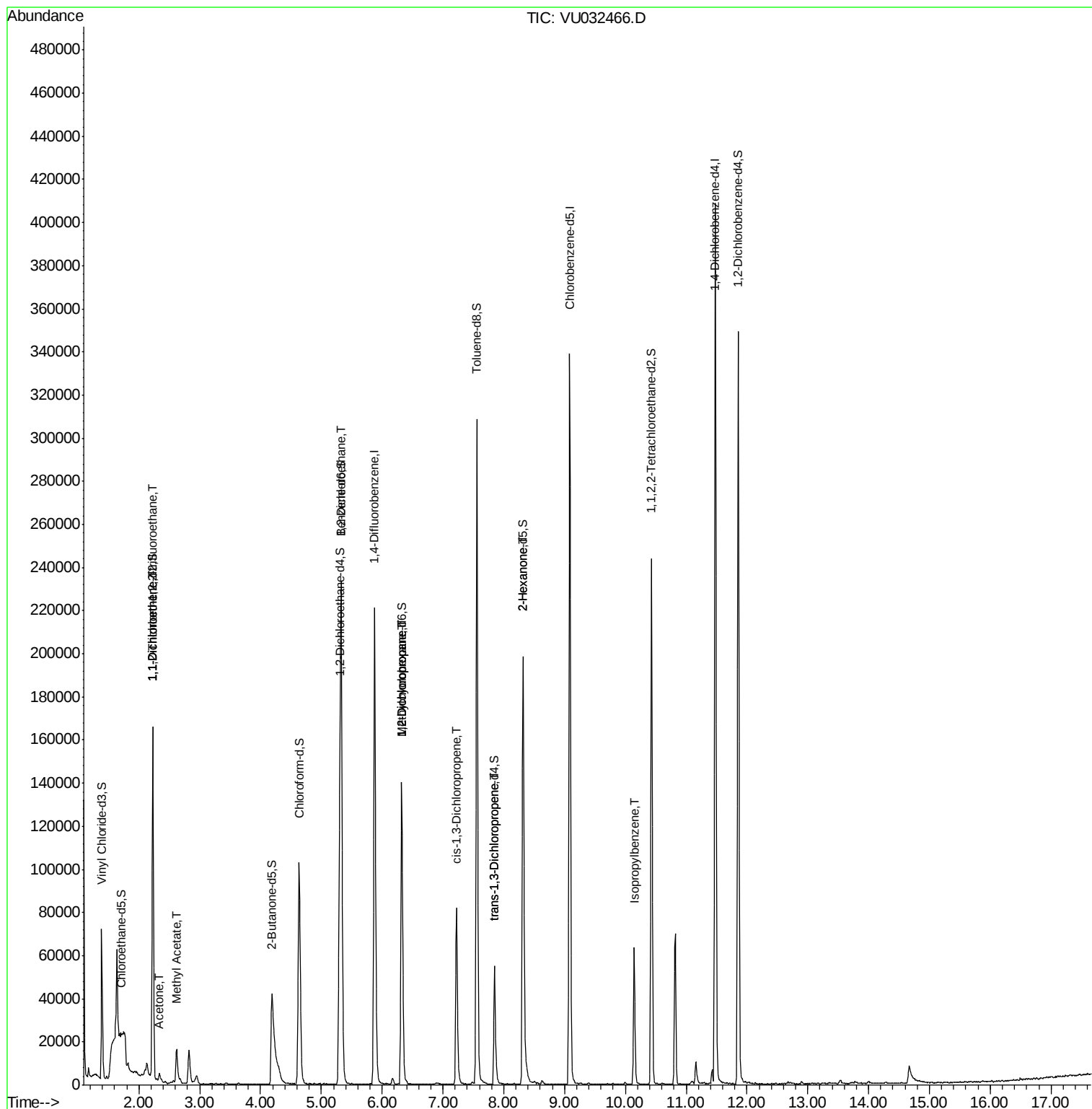
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	898	0.723	ug/L #	18
12) 1,1-Dichloroethene	2.23	96	831	0.689	ug/L #	1
13) Acetone	2.34	43	5890	5.174	ug/L	95
15) Methyl Acetate	2.62	43	21987	13.527	ug/L	98
27) 1,2-Dichloroethane	5.32	62	1309	0.674	ug/L #	75
35) Methylcyclohexane	6.32	83	16581	6.826	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8000	5.472	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2225	0.965	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1959	0.957	ug/L	93
48) 2-Hexanone	8.32	43	9697	5.020	ug/L #	68
56) Isopropylbenzene	10.14	105	3098	0.462	ug/L #	1

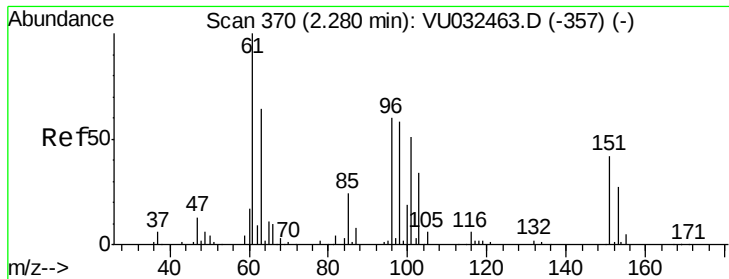
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.723 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU032466.D

Acq: 05 Jun 2019 17:25

Instrument :

MSVOA_U

ClientSampleId :

A51E1ME

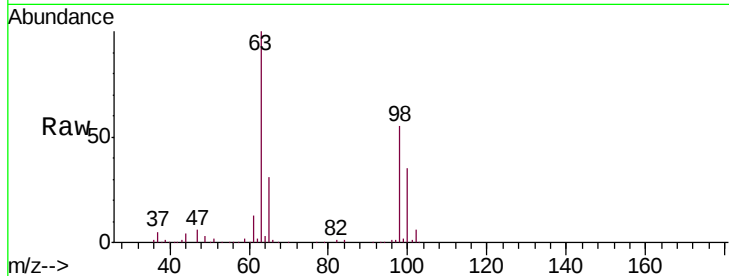
Tgt Ion: 101 Resp: 898

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

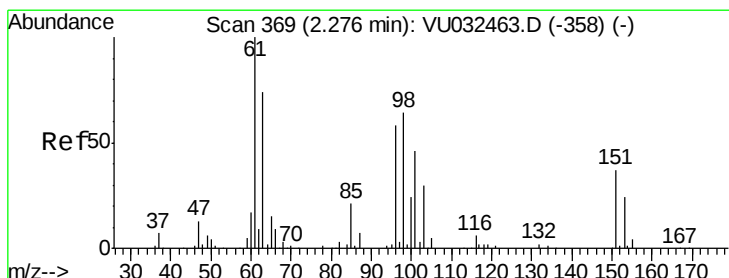
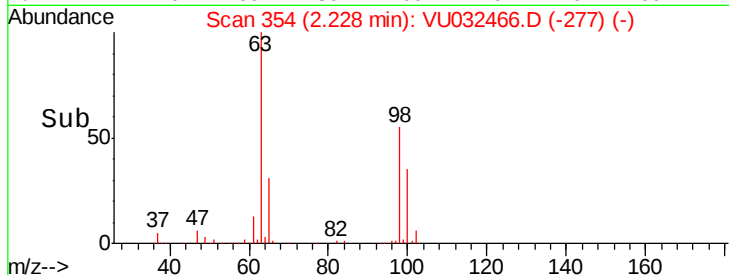
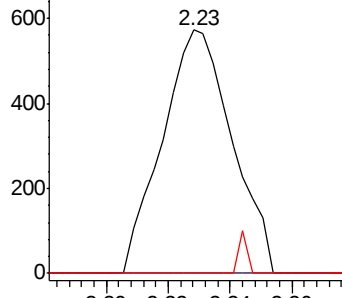
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.689 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU032466.D

Acq: 05 Jun 2019 17:25

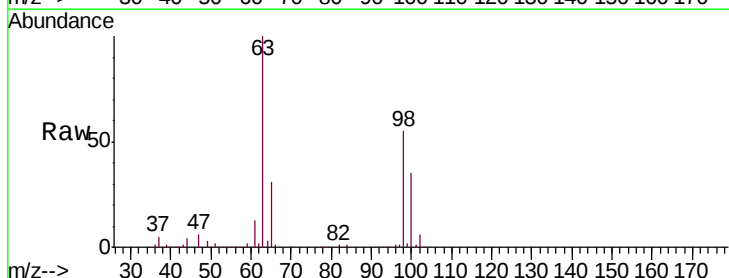
Tgt Ion: 96 Resp: 831

Ion Ratio Lower Upper

96 100

61 1658.4 129.5 240.5#

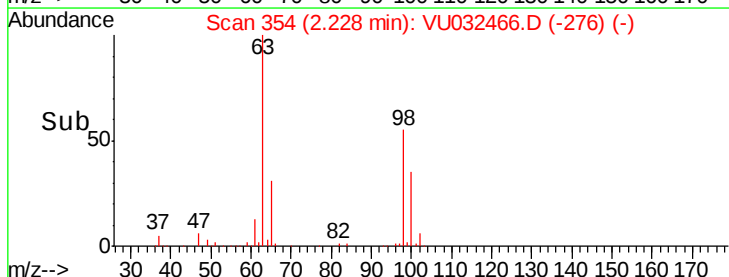
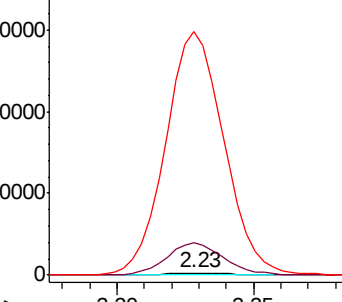
63 12650.5 103.4 192.0#

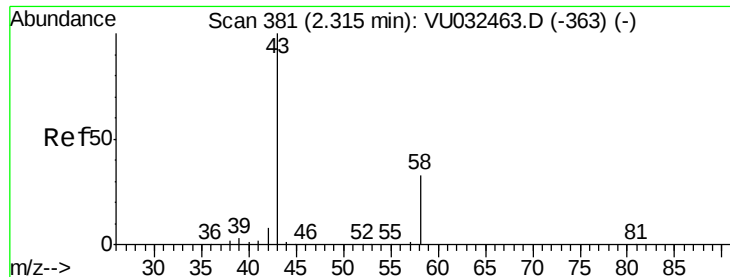


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.174 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU032466.D

Acq: 05 Jun 2019 17:25

Instrument :

MSVOA_U

ClientSampleId :

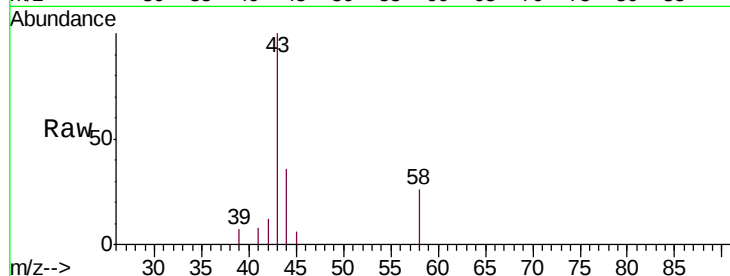
A51E1ME

Tgt Ion: 43 Resp: 5890

Ion Ratio Lower Upper

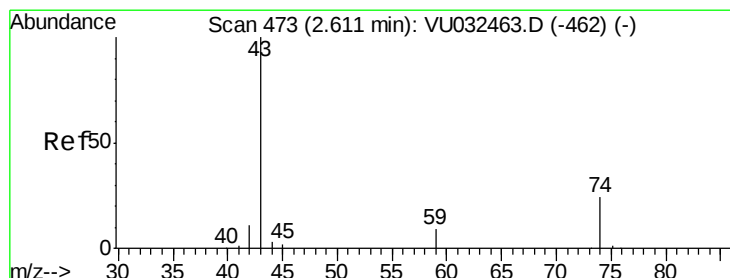
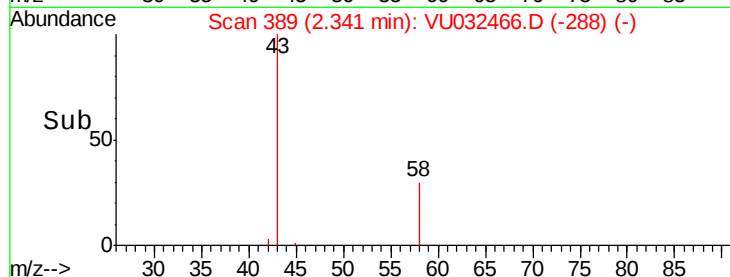
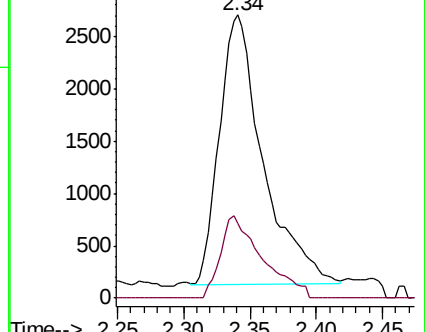
43 100

58 29.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032466.D (-389) (-)

Ion 58.00 (57.70 to 58.70): VU032466.D (-389) (-)



#15

Methyl Acetate

Concen: 13.527 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032466.D

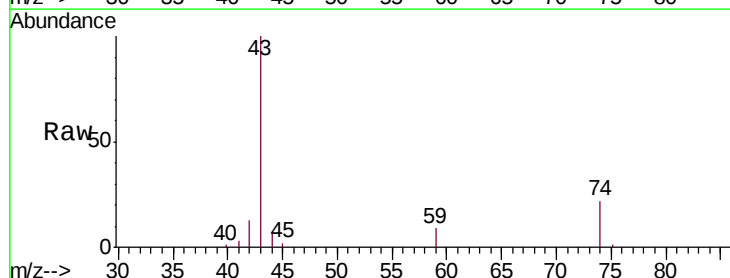
Acq: 05 Jun 2019 17:25

Tgt Ion: 43 Resp: 21987

Ion Ratio Lower Upper

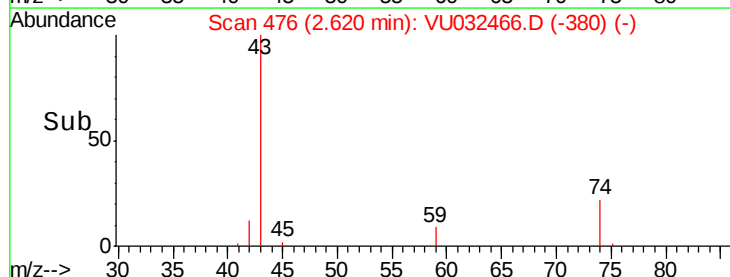
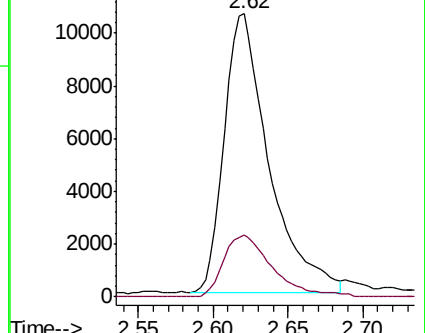
43 100

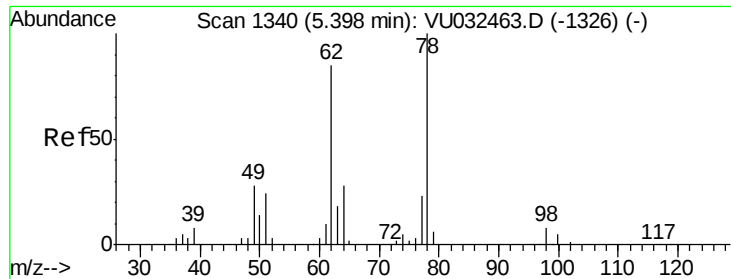
74 23.6 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU032466.D (-476) (-)

Ion 74.00 (73.70 to 74.70): VU032466.D (-476) (-)





#27

1,2-Dichloroethane

Concen: 0.674 ug/L

RT: 5.32 min Scan# 1317

Delta R.T. -0.07 min

Lab File: VU032466.D

Acq: 05 Jun 2019 17:25

Instrument :

MSVOA_U

ClientSampleId :

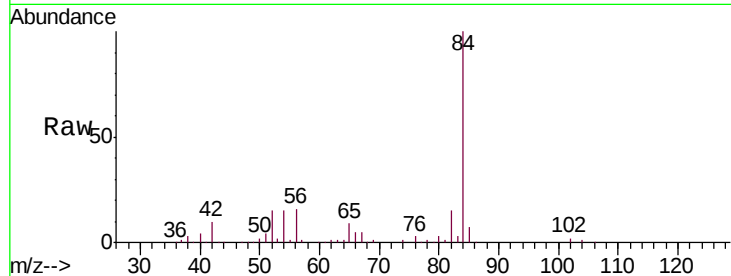
A51E1ME

Tgt Ion: 62 Resp: 1309

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032466.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VU032466.D (-1247) (-)

5.32

600

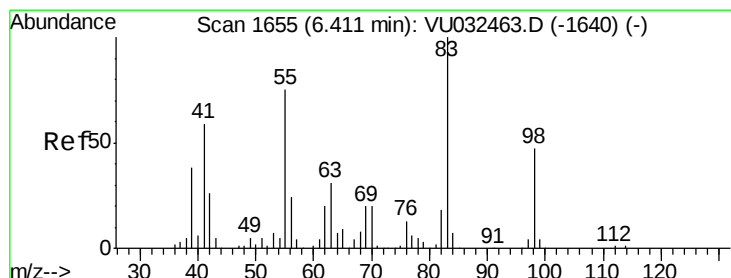
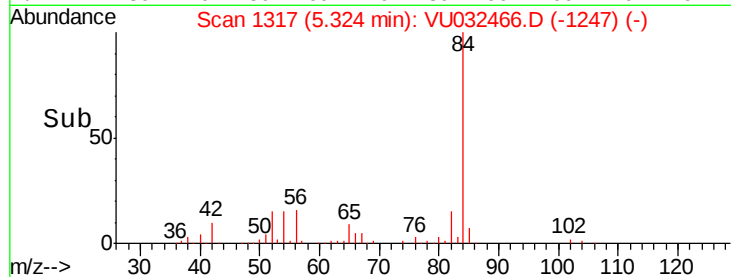
400

200

0

5.30 5.35

Time-->



#35

Methylcyclohexane

Concen: 6.826 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.09 min

Lab File: VU032466.D

Acq: 05 Jun 2019 17:25

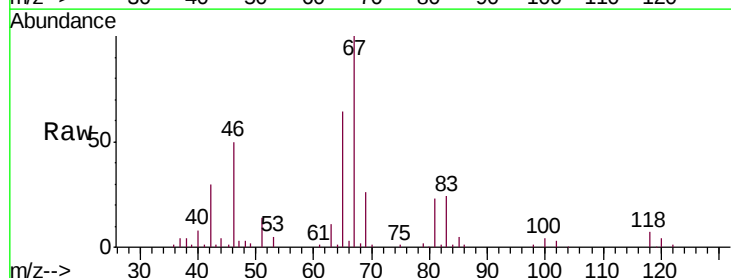
Tgt Ion: 83 Resp: 16581

Ion Ratio Lower Upper

83 100

55 0.3 60.2 90.4#

98 0.7 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU032466.D (-1562) (-)

Ion 55.00 (54.70 to 55.70): VU032466.D (-1562) (-)

Ion 98.00 (97.70 to 98.70): VU032466.D (-1562) (-)

10000

8000

6000

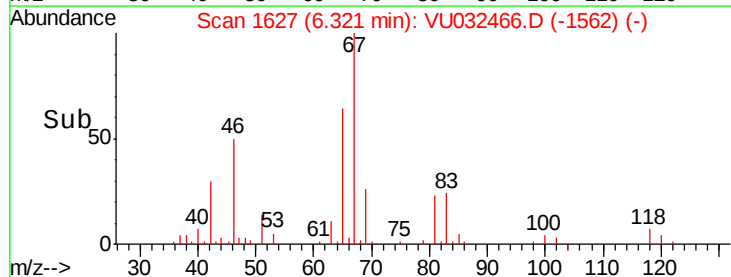
4000

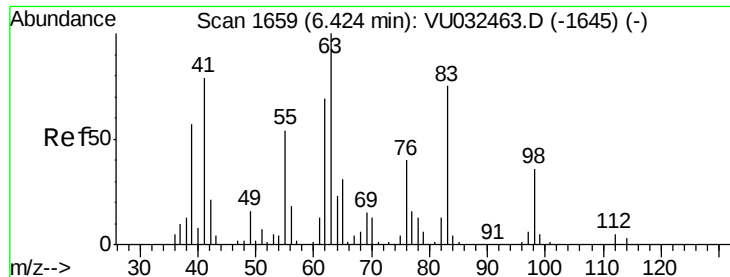
2000

0

6.25 6.30 6.35 6.40

Time-->

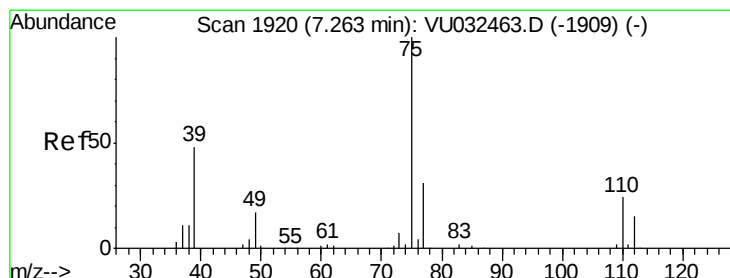
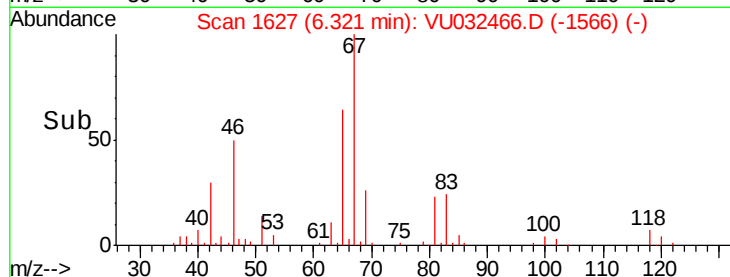
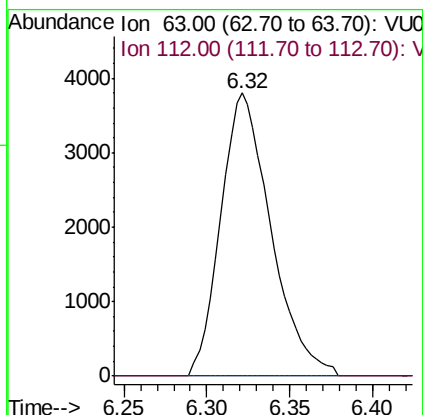
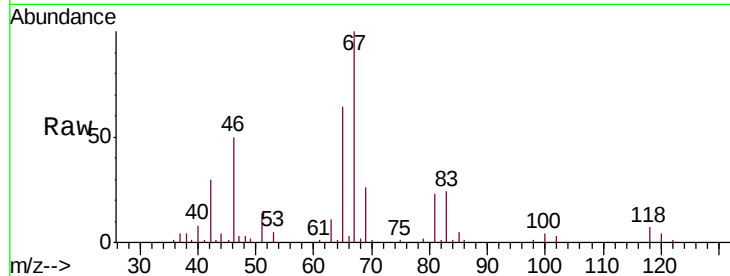




#37
 1,2-Dichloropropane
 Concen: 5.472 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU032466.D
 Acq: 05 Jun 2019 17:25

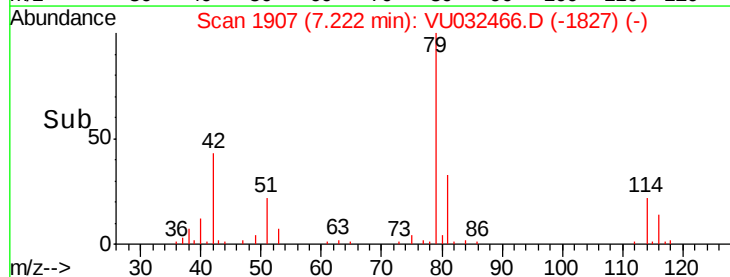
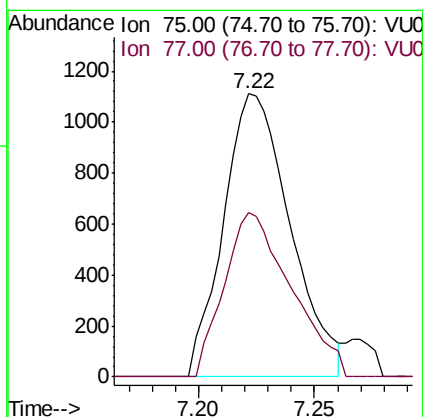
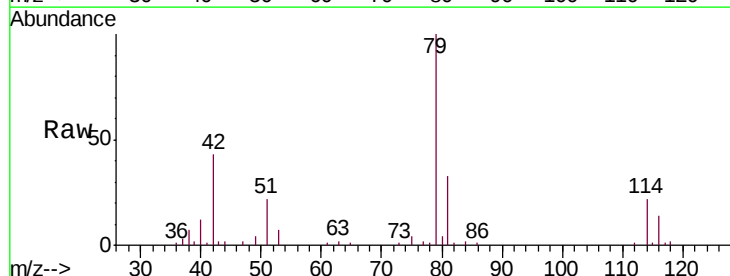
Instrument :
 MSVOA_U
 ClientSampleId :
 A51E1ME

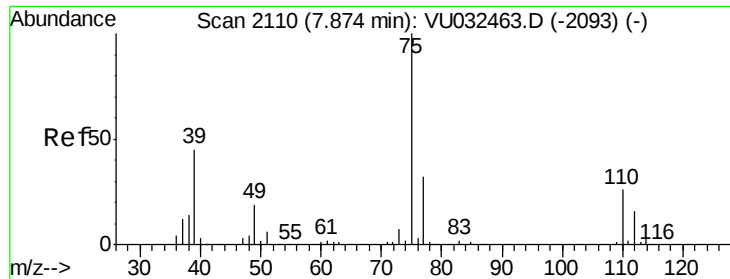
Tgt Ion: 63 Resp: 8000
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.965 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032466.D
 Acq: 05 Jun 2019 17:25

Tgt Ion: 75 Resp: 2225
 Ion Ratio Lower Upper
 75 100
 77 58.2 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.957 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032466.D

Acq: 05 Jun 2019 17:25

Instrument :

MSVOA_U

ClientSampleId :

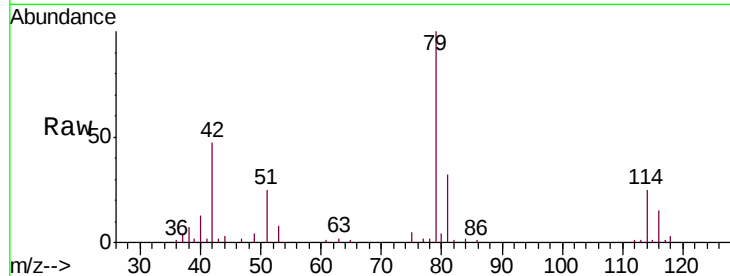
A51E1ME

Tgt Ion: 75 Resp: 1959

Ion Ratio Lower Upper

75 100

77 35.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032466.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU032466.D (-2102) (-)

7.85

800

600

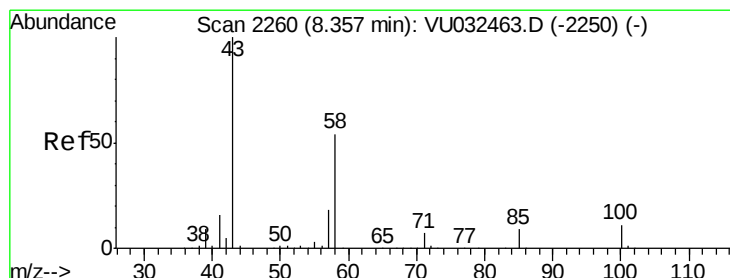
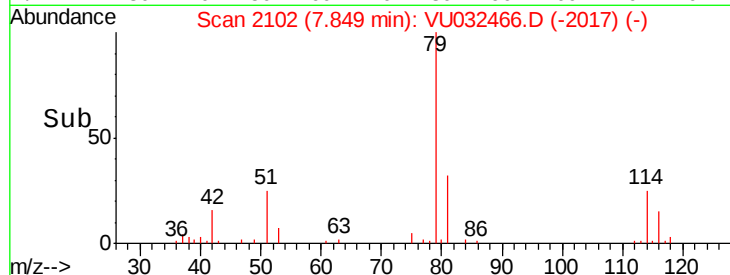
400

200

0

7.80 7.85 7.90

Time-->



#48

2-Hexanone

Concen: 5.020 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

Lab File: VU032466.D

Acq: 05 Jun 2019 17:25

Tgt Ion: 43 Resp: 9697

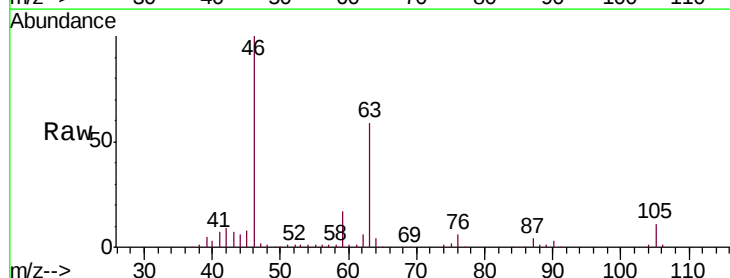
Ion Ratio Lower Upper

43 100

58 23.5 42.0 63.0#

57 21.9 14.6 22.0

100 0.5 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VU032466.D (-2248) (-)

Ion 58.00 (57.70 to 58.70): VU032466.D (-2248) (-)

Ion 57.00 (56.70 to 57.70): VU032466.D (-2248) (-)

Ion 100.00 (99.70 to 100.70): VU032466.D (-2248) (-)

8.32

6000

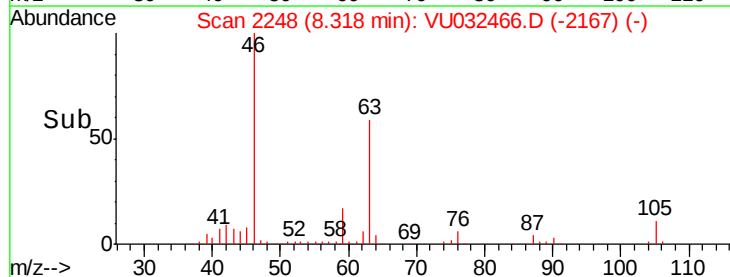
4000

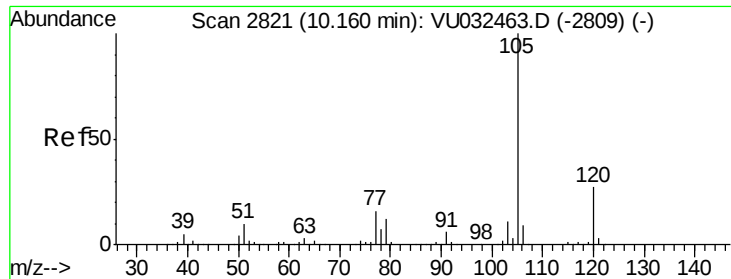
2000

0

8.30 8.35

Time-->





#56

Isopropylbenzene

Concen: 0.462 ug/L

RT: 10.14 min Scan# 2816

Delta R.T. -0.02 min

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Tgt Ion:105 Resp: 3098

Ion Ratio Lower Upper

105 100

120 2.3 21.6 32.4#

77 246.9 12.4 18.6#

