

Data File : VU032675.D
Acq On : 13 Jun 2019 00:08
Operator : JC/SP
Sample : K3313-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM09

Quant Time: Jun 13 06:03:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	173805	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79868	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51241	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.88%
7) Chloroethane-d5	1.68	69	41054	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.27	63	76689	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	4.17	46	84236	89.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.26%
24) Chloroform-d	4.64	84	95667	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
26) 1,2-Dichloroethane-d4	5.31	65	65331	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
32) Benzene-d6	5.33	84	196176	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.32	67	62760	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.84%
41) Toluene-d8	7.56	98	176893	43.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.54%
43) trans-1,3-Dichloropropene-	7.85	79	26464	40.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.80%
47) 2-Hexanone-d5	8.31	63	42736	65.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83776	42.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	71410	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%

Target Compounds

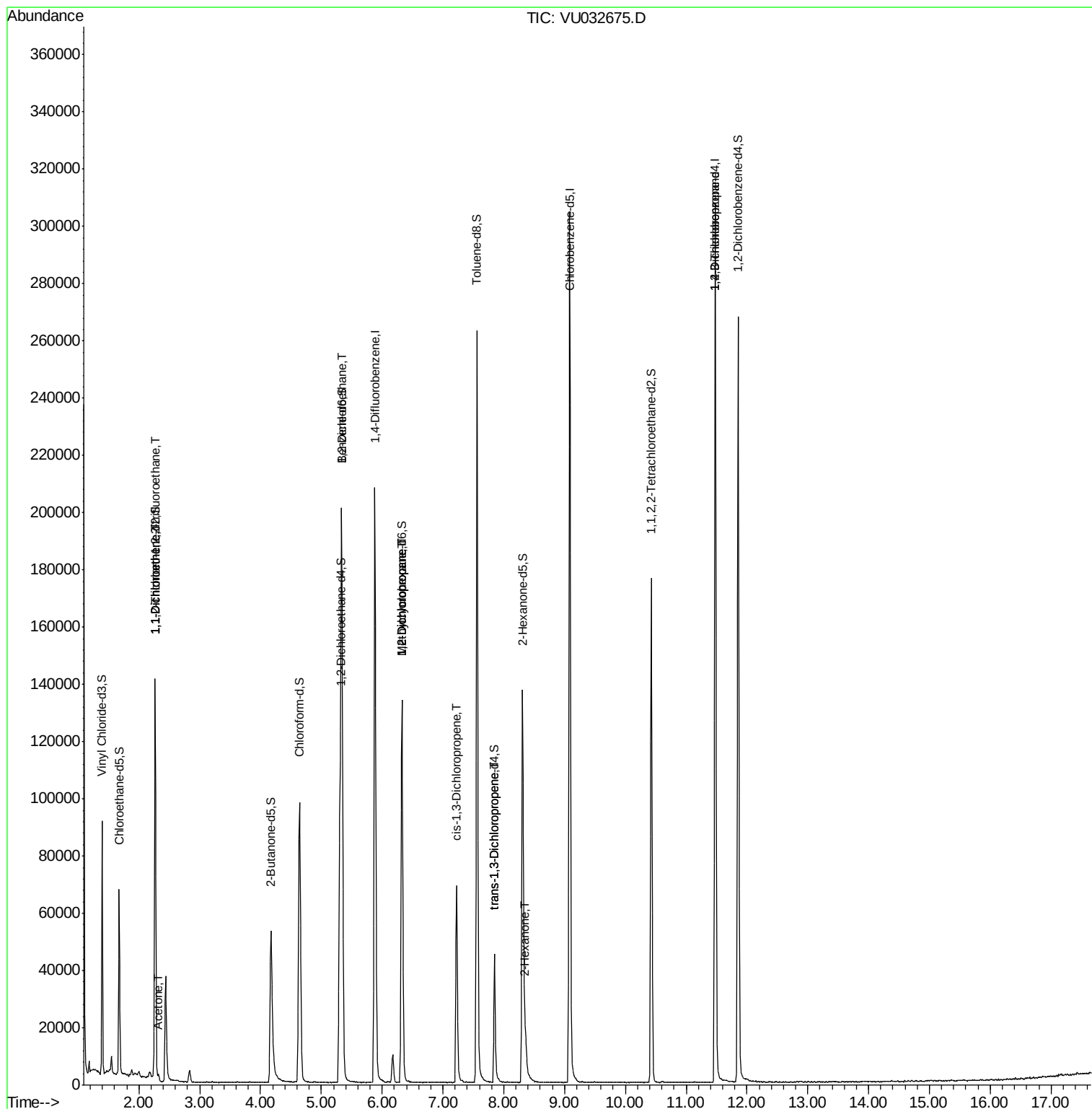
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	657	0.619	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	624	0.605	ug/L #	1
13) Acetone	2.32	43	1813	1.862	ug/L	86
27) 1,2-Dichloroethane	5.33	62	1123	0.676	ug/L #	75
35) Methylcyclohexane	6.32	83	13988	6.806	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7222	5.839	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	1856	0.951	ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	1130	0.652	ug/L	100
48) 2-Hexanone	8.36	43	7989	4.888	ug/L #	55
59) 1,2,3-Trichloropropane	11.48	75	9756	6.067	ug/L	94

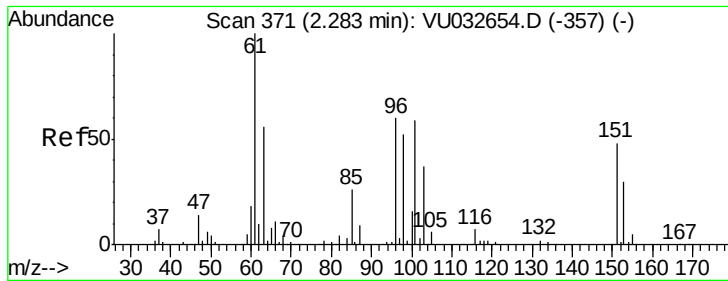
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032675.D
Acq On : 13 Jun 2019 00:08
Operator : JC/SP
Sample : K3313-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM09

Quant Time: Jun 13 06:03:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration





#10

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

Concen: 0.619 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032675.D

Acq: 13 Jun 2019 00:08

Instrument :

MSVOA_U

ClientSampleId :

COM09

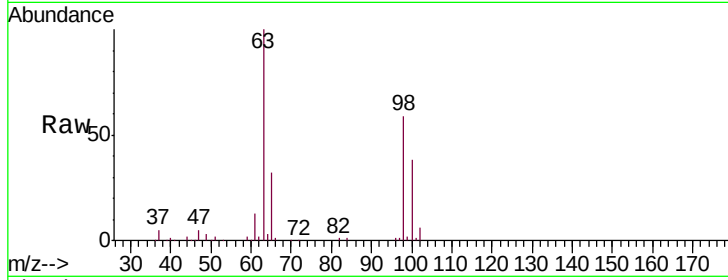
Tgt Ion: 101 Resp: 657

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

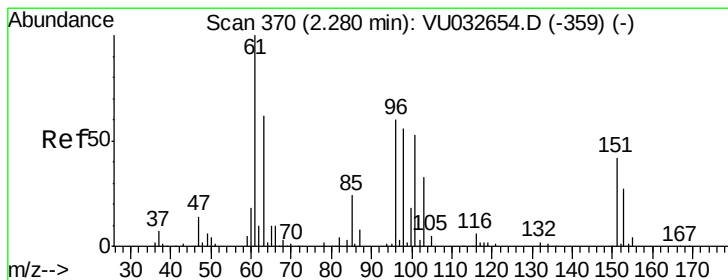
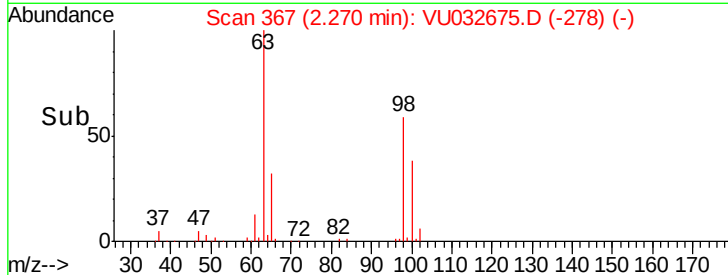
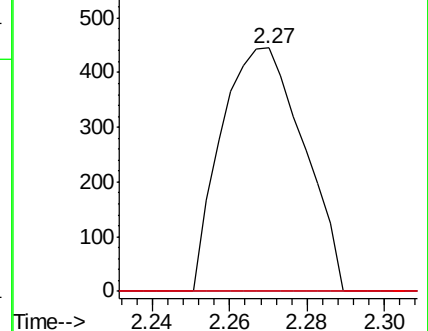
151 0.0 63.0 94.4#



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: 0.605 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032675.D

Acq: 13 Jun 2019 00:08

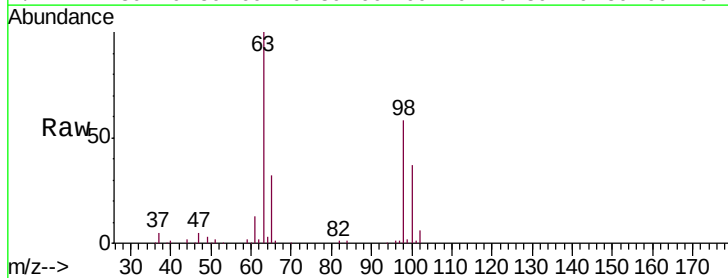
Tgt Ion: 96 Resp: 624

Ion Ratio Lower Upper

96 100

61 1523.8 129.5 240.5#

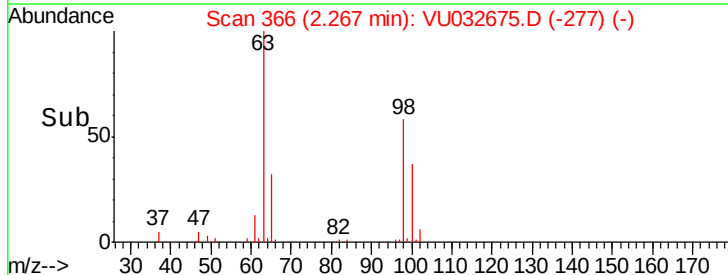
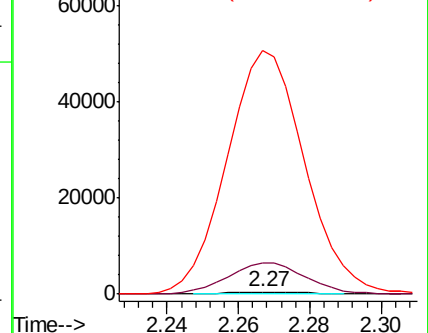
63 11807.9 103.4 192.0#

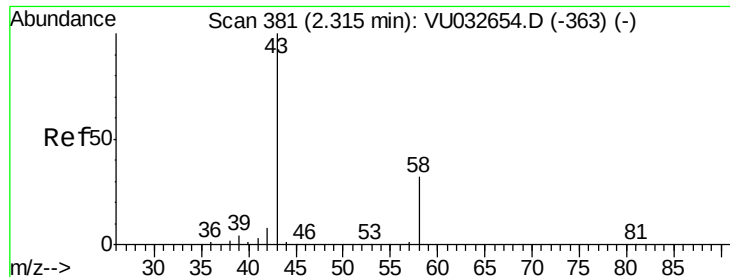


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.862 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032675.D

Acq: 13 Jun 2019 00:08

Instrument :

MSVOA_U

ClientSampleId :

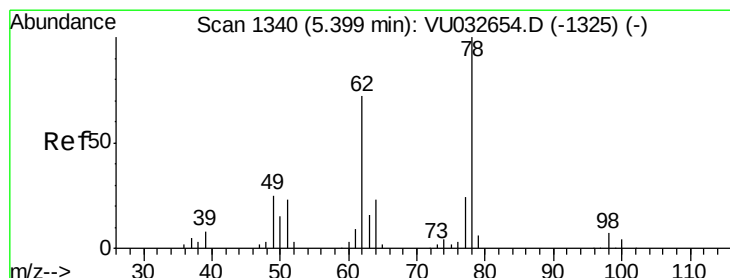
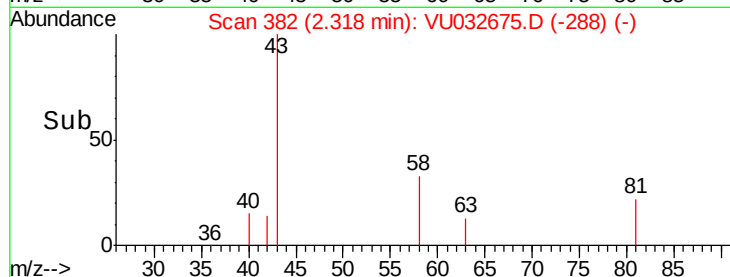
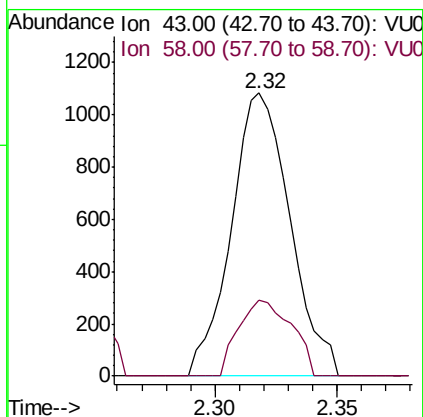
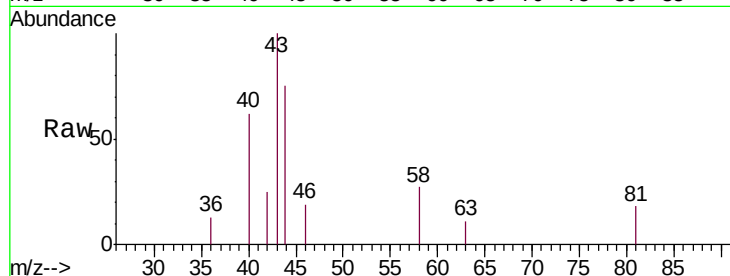
COM09

Tgt Ion: 43 Resp: 1813

Ion Ratio Lower Upper

43 100

58 24.3 0.0 64.0



#27

1,2-Dichloroethane

Concen: 0.676 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032675.D

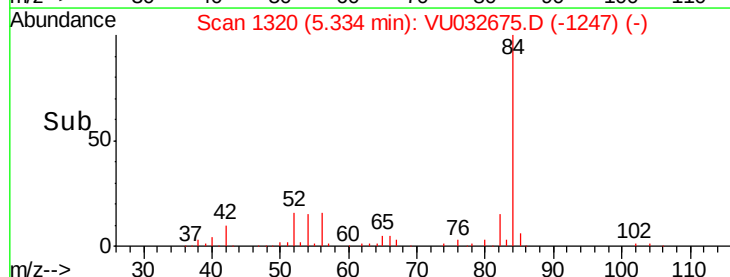
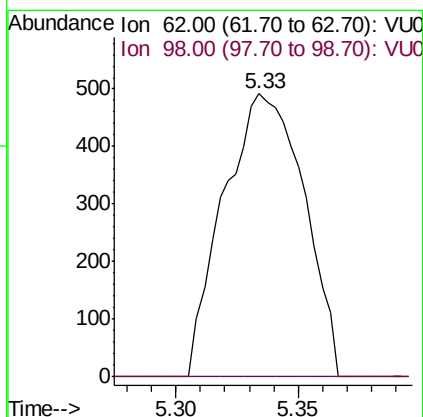
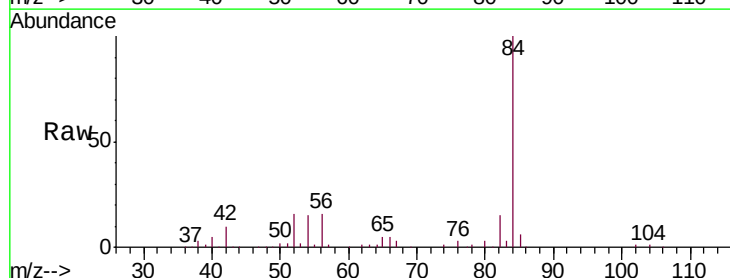
Acq: 13 Jun 2019 00:08

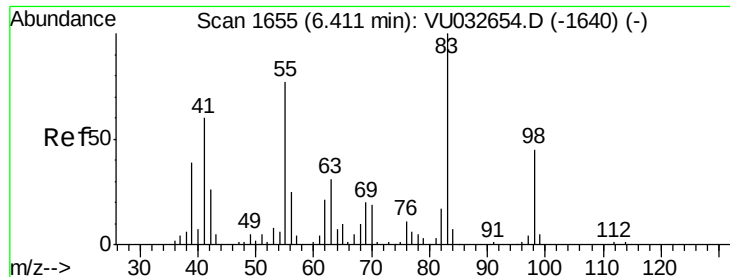
Tgt Ion: 62 Resp: 1123

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

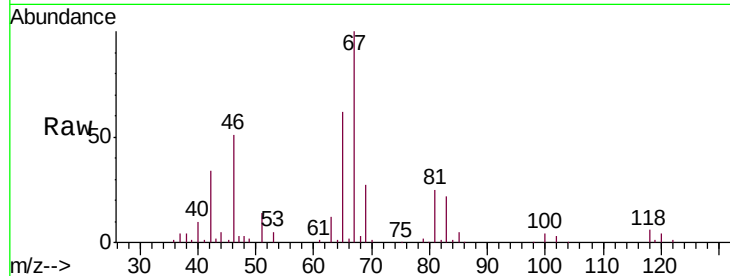




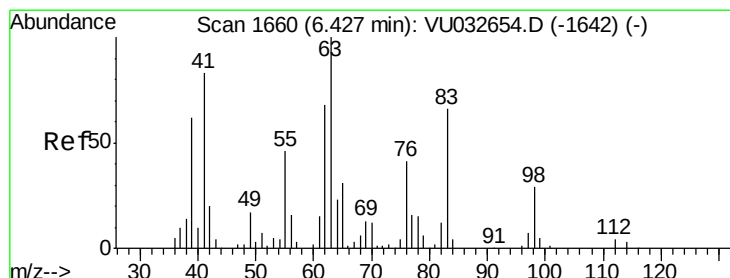
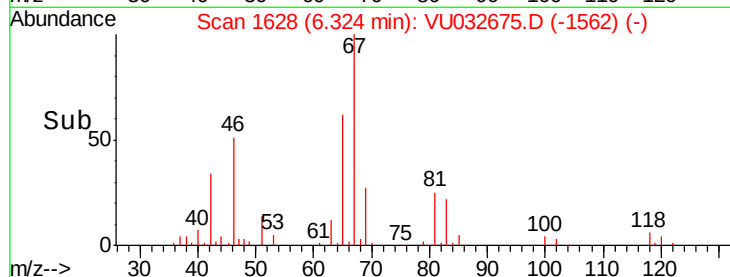
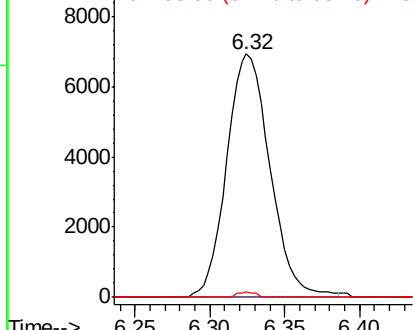
#35
Methylcyclohexane
Concen: 6.806 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032675.D
Acq: 13 Jun 2019 00:08

Instrument :
MSVOA_U
ClientSampleId :
COM09

Tgt Ion: 83 Resp: 13988
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 0.9 37.4 56.2#

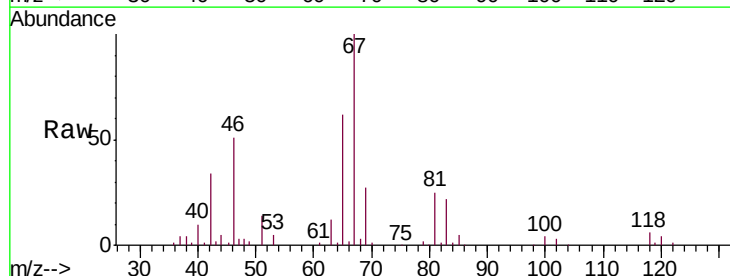


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

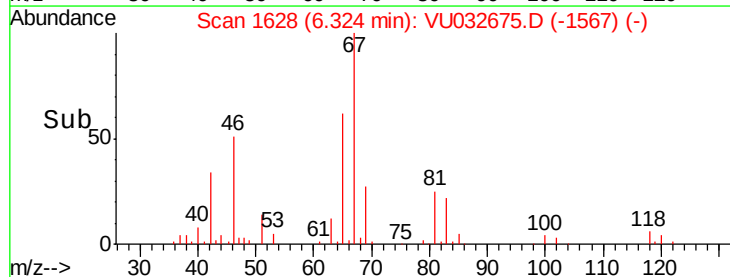
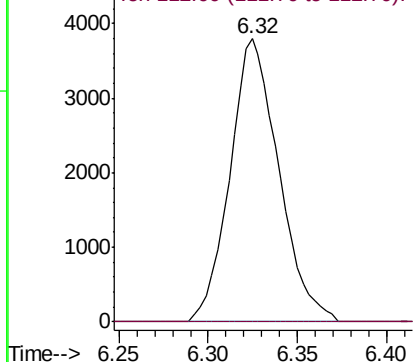


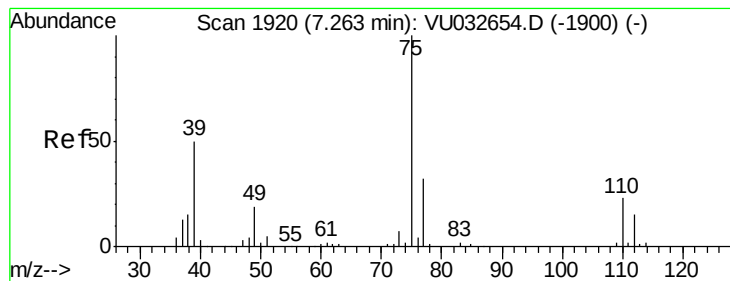
#37
1,2-Dichloropropane
Concen: 5.839 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032675.D
Acq: 13 Jun 2019 00:08

Tgt Ion: 63 Resp: 7222
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.951 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032675.D

Acq: 13 Jun 2019 00:08

Instrument :

MSVOA_U

ClientSampleId :

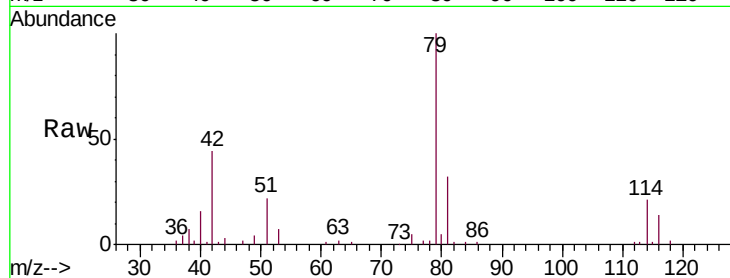
COM09

Tgt Ion: 75 Resp: 1856

Ion Ratio Lower Upper

75 100

77 37.7 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

1200

1000

800

600

400

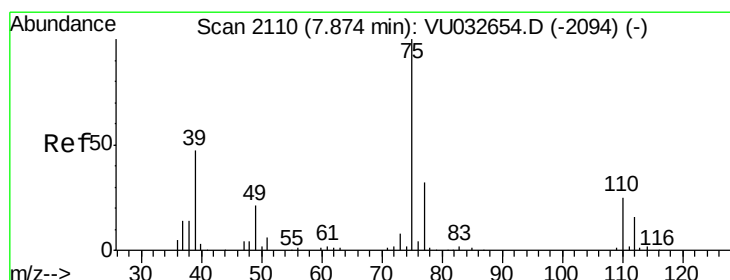
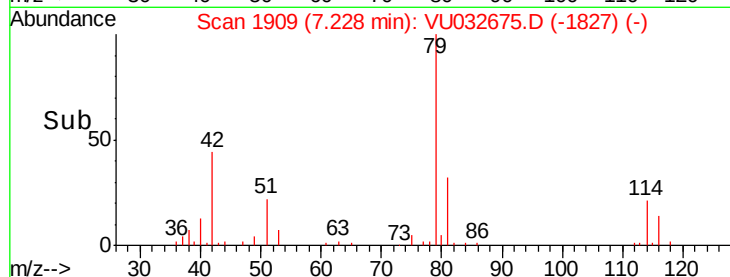
200

0

7.23

7.20 7.25

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.652 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032675.D

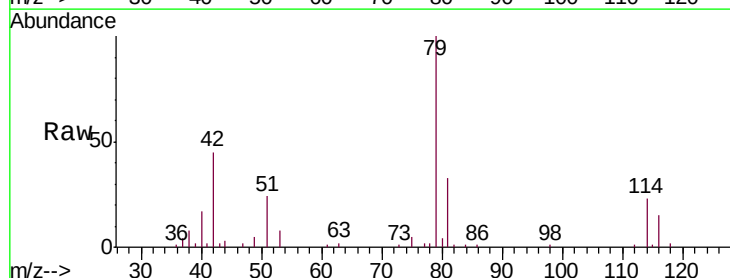
Acq: 13 Jun 2019 00:08

Tgt Ion: 75 Resp: 1130

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

800

600

400

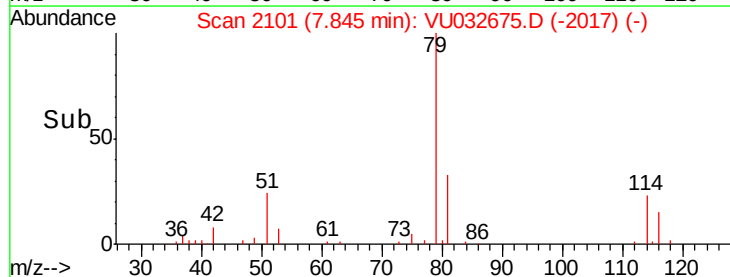
200

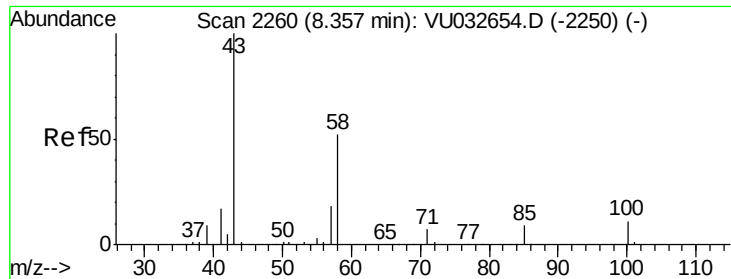
0

7.85

7.82 7.86 7.88

Time-->

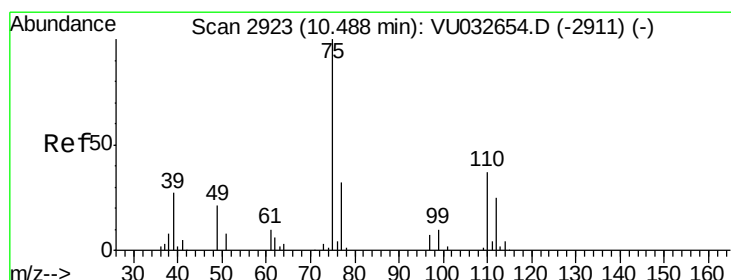
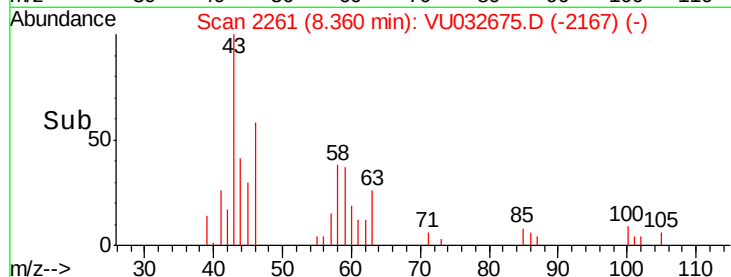
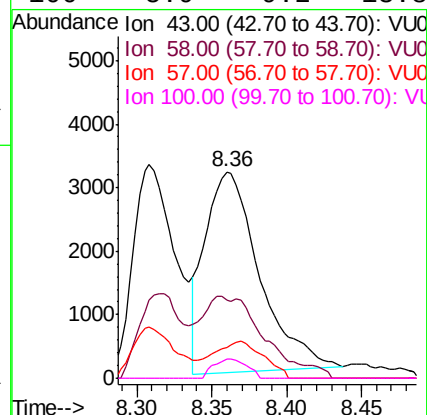
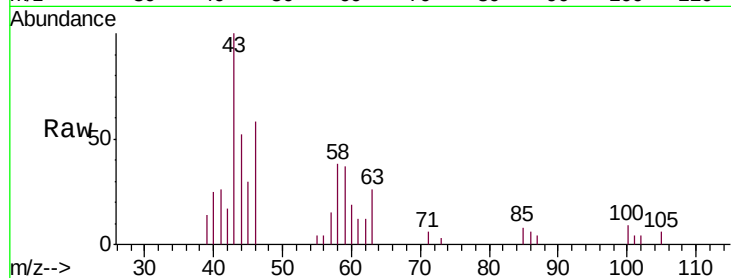




#48
 2-Hexanone
 Concen: 4.888 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032675.D
 Acq: 13 Jun 2019 00:08

Instrument :
 MSVOA_U
 ClientSampleId :
 COM09

Tgt Ion: 43 Resp: 7989
 Ion Ratio Lower Upper
 43 100
 58 5.4 42.0 63.0#
 57 17.0 14.6 22.0
 100 5.9 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.067 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032675.D
 Acq: 13 Jun 2019 00:08

Tgt Ion: 75 Resp: 9756
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.6 38.4

