

Data File : VU032686.D
Acq On : 13 Jun 2019 12:04
Operator : JC/SP
Sample : K3286-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JT0

Quant Time: Jun 14 01:29:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	176268	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	169013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82554	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41000	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.70%
7) Chloroethane-d5	1.68	69	37574	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.78%
11) 1,1-Dichloroethene-d2	2.27	63	65887	29.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.86%#
21) 2-Butanone-d5	4.17	46	104499	109.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.19%
24) Chloroform-d	4.64	84	96391	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
26) 1,2-Dichloroethane-d4	5.30	65	64714	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
32) Benzene-d6	5.33	84	183280	41.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.54%
36) 1,2-Dichloropropane-d6	6.32	67	62379	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.68%
41) Toluene-d8	7.56	98	163383	39.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.54%#
43) trans-1,3-Dichloropropene-	7.85	79	27451	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.38%
47) 2-Hexanone-d5	8.31	63	75228	112.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98740	49.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	73463	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%

Target Compounds

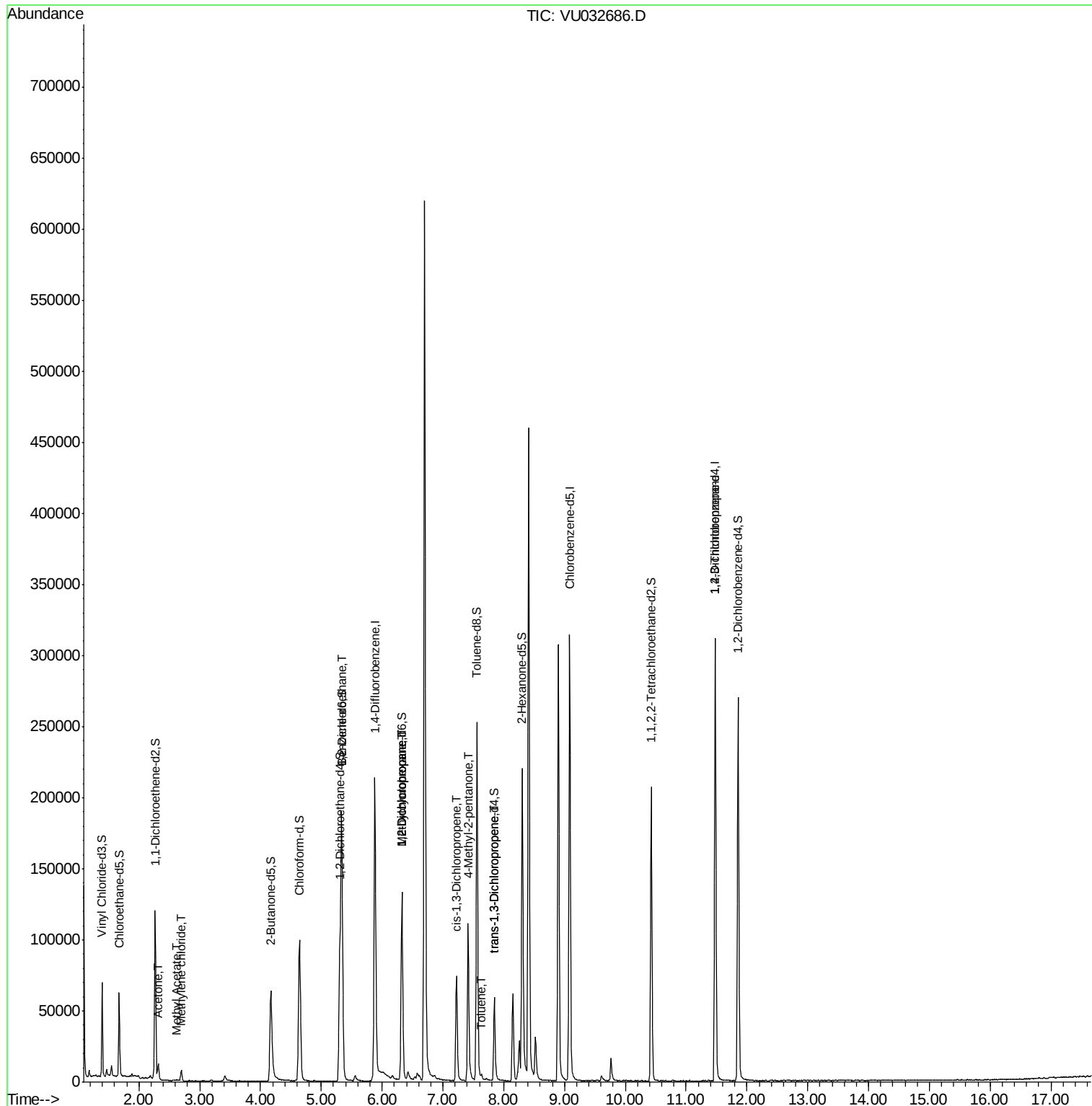
						Qvalue
13) Acetone	2.32	43	12348	12.505	ug/L	92
15) Methyl Acetate	2.62	43	1024	0.726	ug/L #	67
16) Methylene chloride	2.70	84	3320	2.782	ug/L	93
27) 1,2-Dichloroethane	5.34	62	1109	0.658	ug/L #	75
35) Methylcyclohexane	6.32	83	14514	6.939	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	6859	5.449	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1994	1.004	ug/L #	81
40) 4-Methyl-2-pentanone	7.41	43	40616	20.056	ug/L #	51
42) Toluene	7.64	91	2562	0.493	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	1281	0.727	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	9565	5.845	ug/L	91

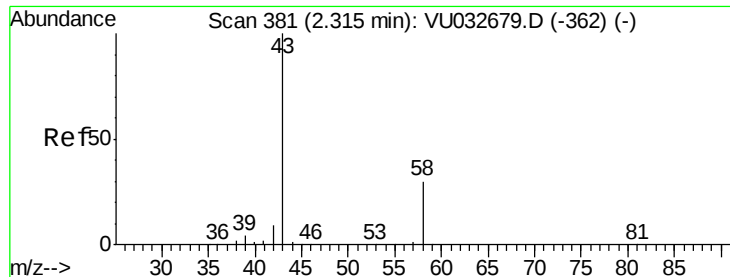
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.505 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032686.D

Acq: 13 Jun 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

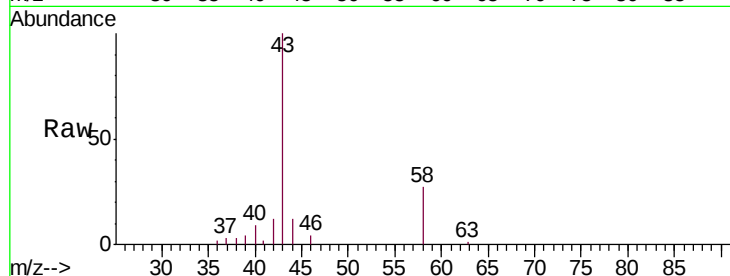
C0JT0

Tgt Ion: 43 Resp: 12348

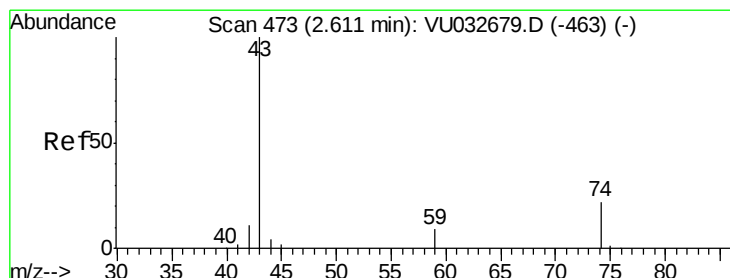
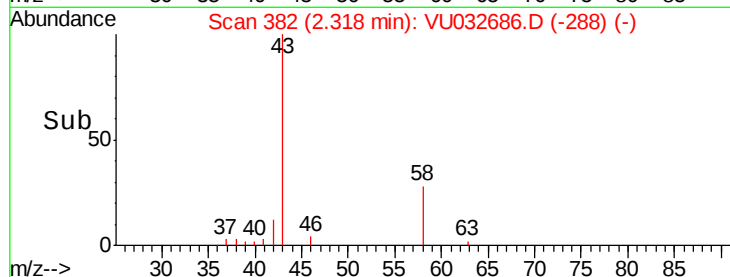
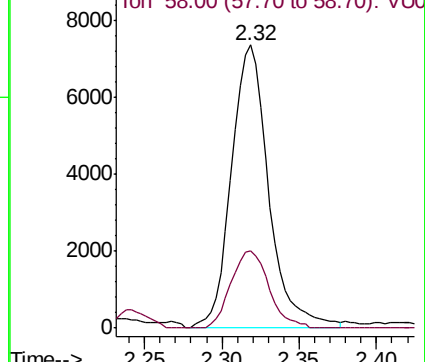
Ion Ratio Lower Upper

43 100

58 27.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032686.D (-382) (-)



#15

Methyl Acetate

Concen: 0.726 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032686.D

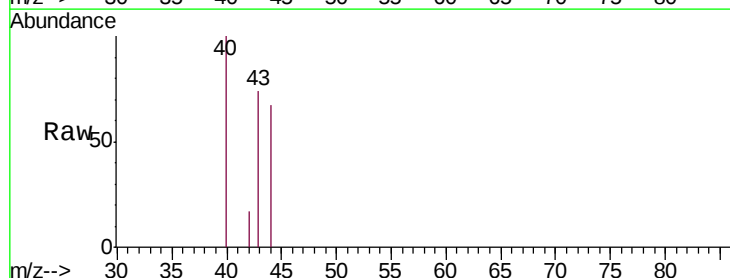
Acq: 13 Jun 2019 12:04

Tgt Ion: 43 Resp: 1024

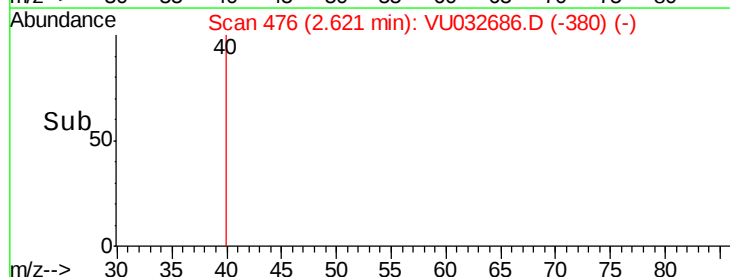
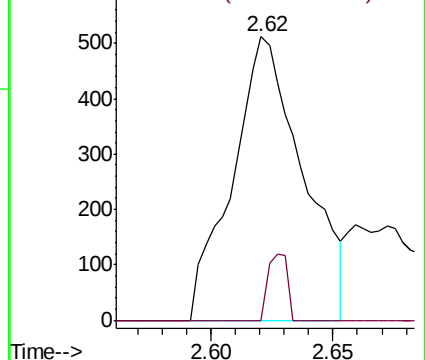
Ion Ratio Lower Upper

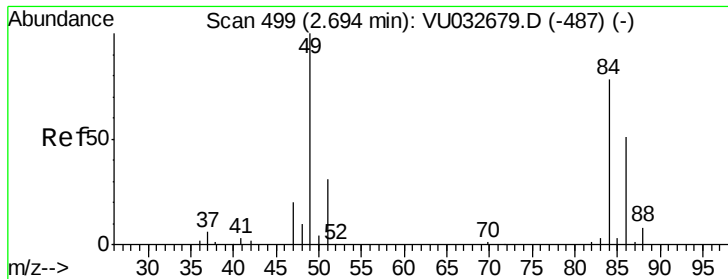
43 100

74 6.4 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU032686.D (-476) (-)

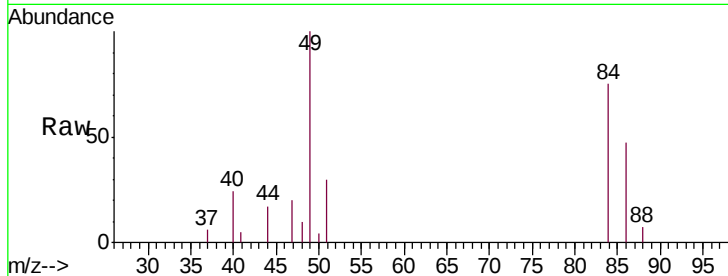




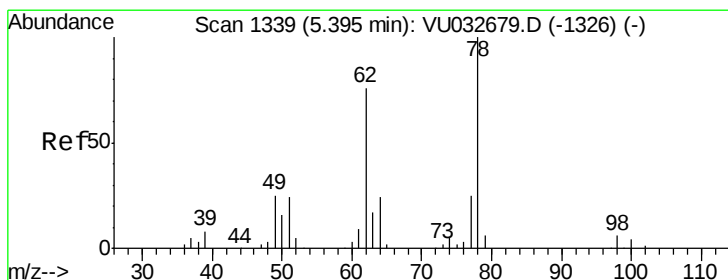
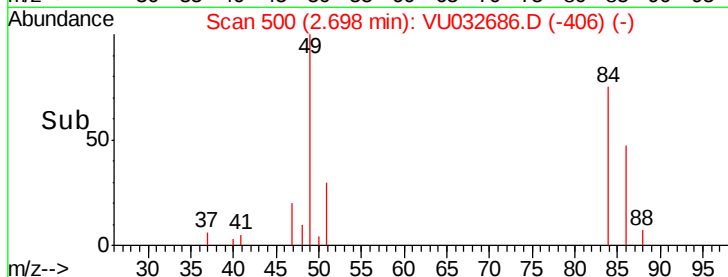
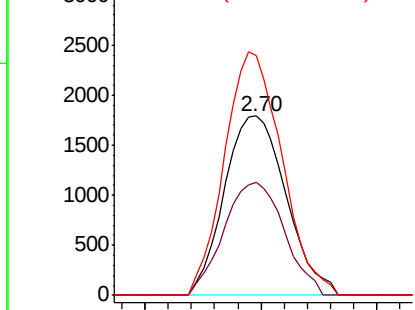
#16
Methylene chloride
Concen: 2.782 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032686.D
Acq: 13 Jun 2019 12:04

Instrument :
MSVOA_U
ClientSampleId :
C0JT0

Tgt Ion: 84 Resp: 3320
Ion Ratio Lower Upper
84 100
86 62.8 44.7 82.9
49 133.7 86.1 159.9

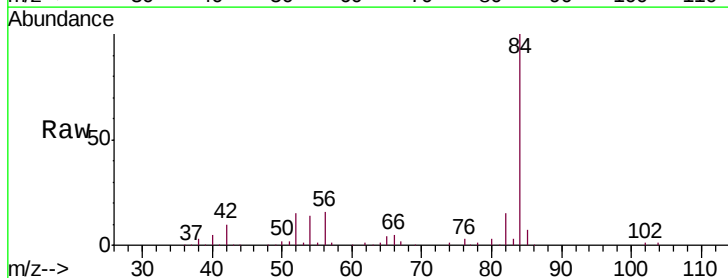


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

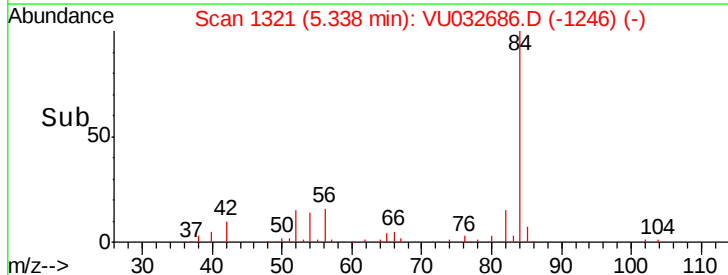
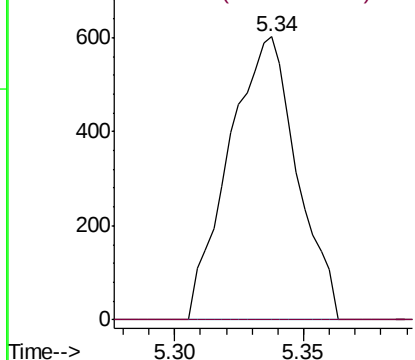


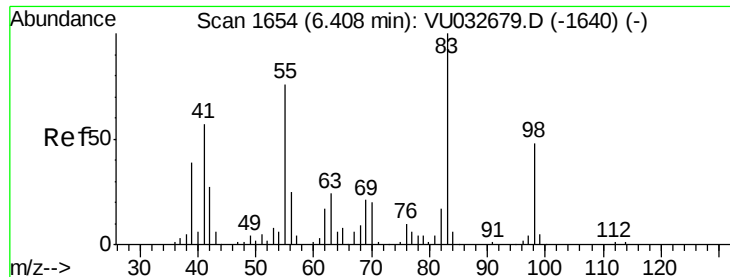
#27
1,2-Dichloroethane
Concen: 0.658 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032686.D
Acq: 13 Jun 2019 12:04

Tgt Ion: 62 Resp: 1109
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

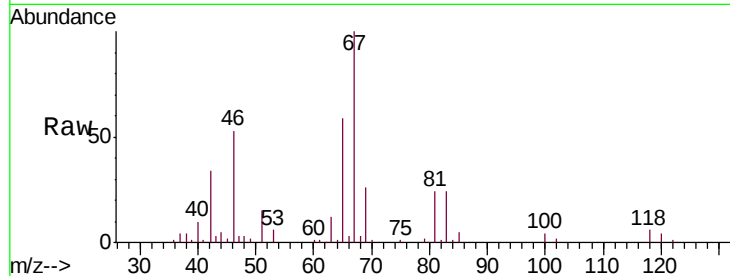




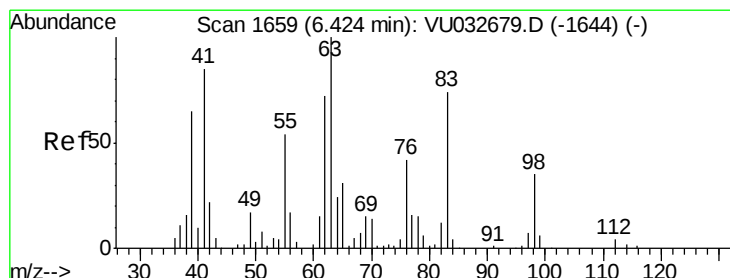
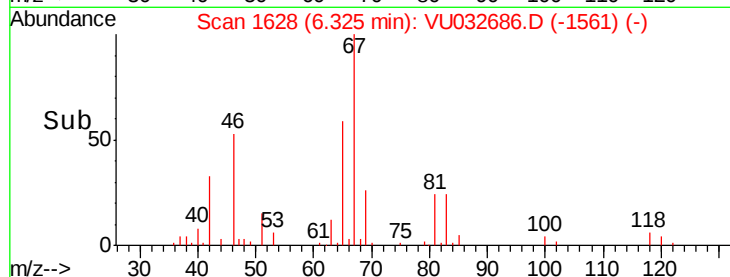
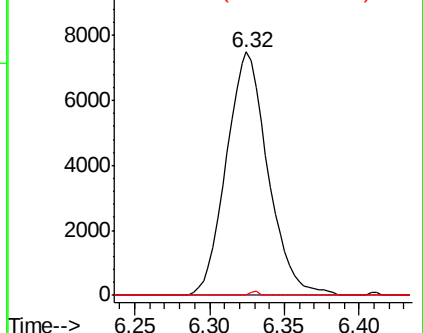
#35
Methylcyclohexane
Concen: 6.939 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032686.D
Acq: 13 Jun 2019 12:04

Instrument :
MSVOA_U
ClientSampleId :
C0JT0

Tgt Ion: 83 Resp: 14514
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 0.3 37.4 56.2#

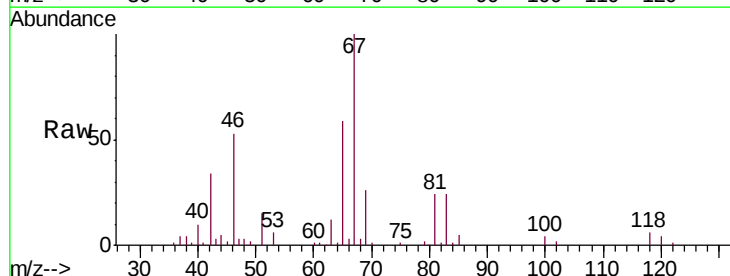


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

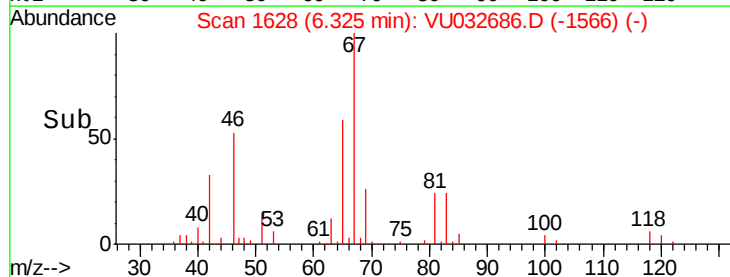
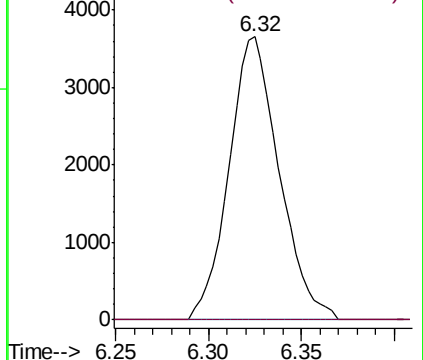


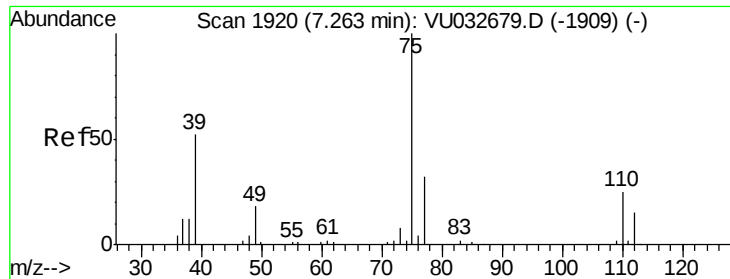
#37
1,2-Dichloropropane
Concen: 5.449 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032686.D
Acq: 13 Jun 2019 12:04

Tgt Ion: 63 Resp: 6859
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

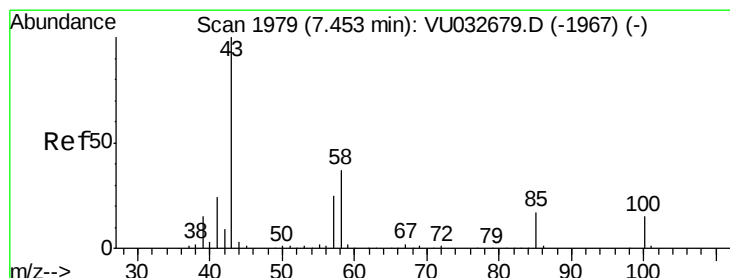
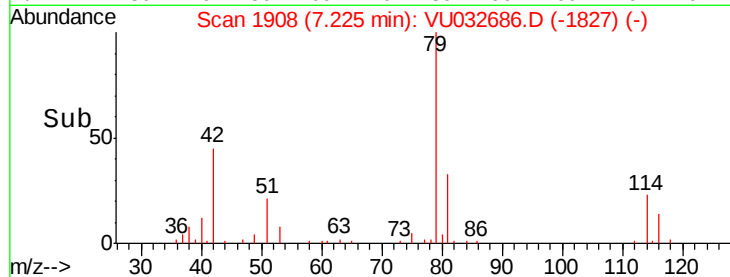
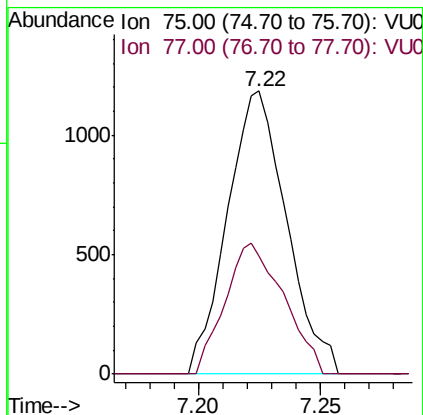
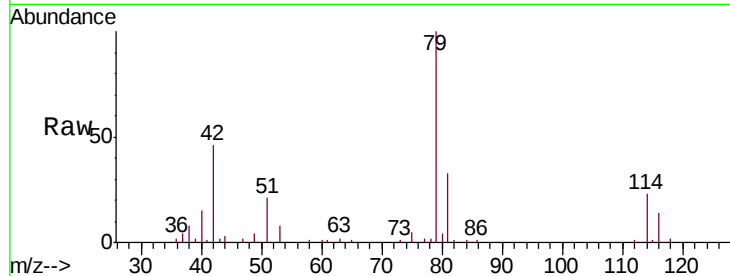




#39
 cis-1,3-Dichloropropene
 Concen: 1.004 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032686.D
 Acq: 13 Jun 2019 12:04

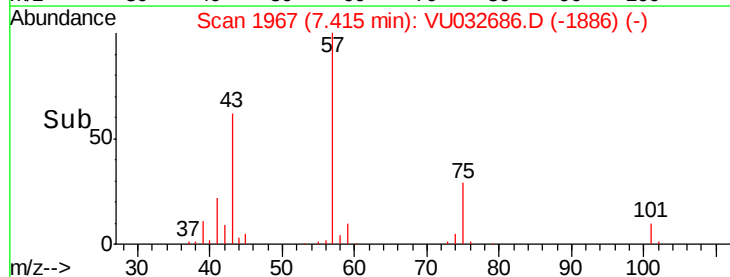
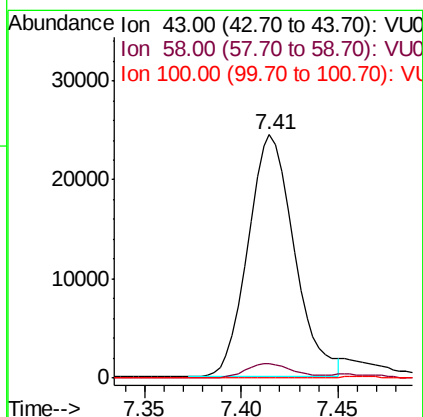
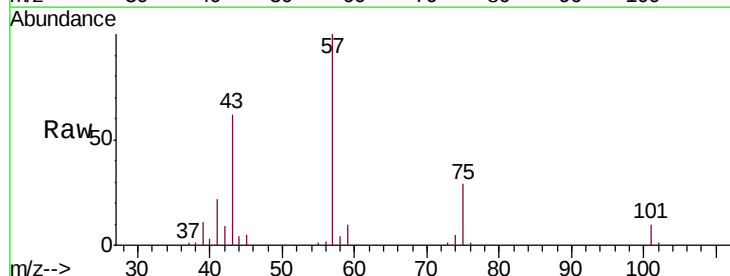
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT0

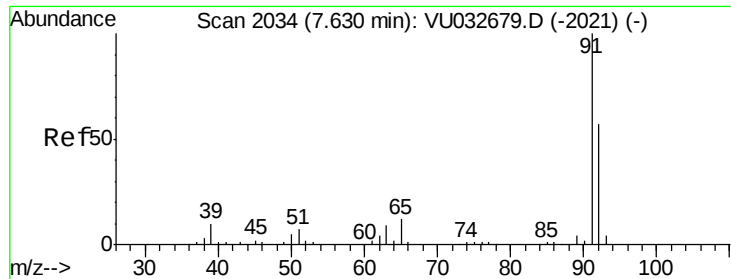
Tgt Ion: 75 Resp: 1994
 Ion Ratio Lower Upper
 75 100
 77 41.9 22.0 41.0#



#40
 4-Methyl-2-pentanone
 Concen: 20.056 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. -0.04 min
 Lab File: VU032686.D
 Acq: 13 Jun 2019 12:04

Tgt Ion: 43 Resp: 40616
 Ion Ratio Lower Upper
 43 100
 58 6.1 30.8 46.2#
 100 0.0 12.1 18.1#





#42

Toluene

Concen: 0.493 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032686.D

Acq: 13 Jun 2019 12:04

Instrument :

MSVOA_U

ClientSampleId :

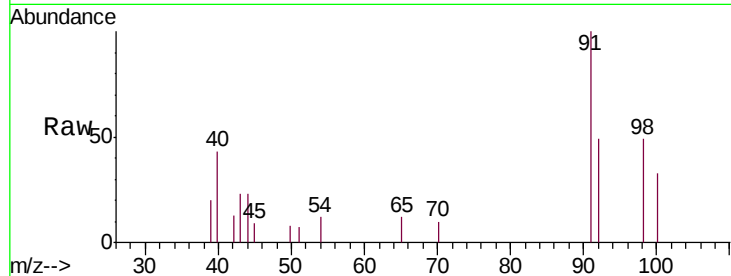
C0JT0

Tgt Ion: 91 Resp: 2562

Ion Ratio Lower Upper

91 100

92 49.4 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032679.D (-2021) (-)

Ion 92.00 (91.70 to 92.70): VU032679.D (-2021) (-)

7.64

1500

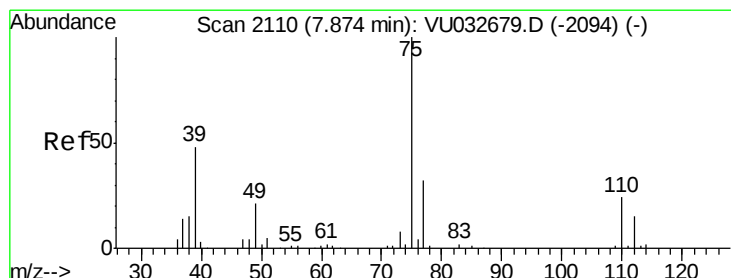
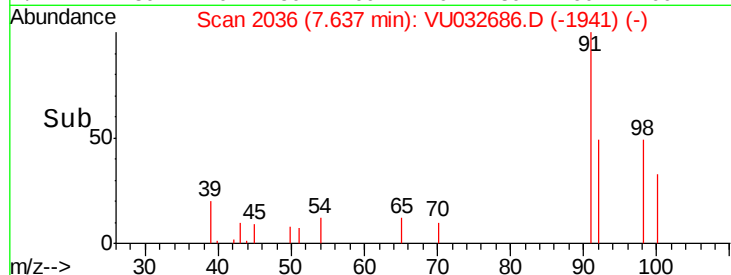
1000

500

0

7.60 7.65

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032686.D

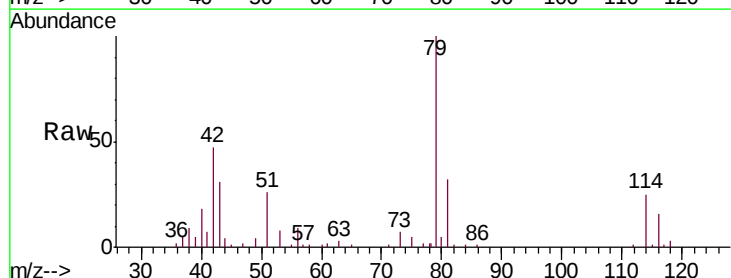
Acq: 13 Jun 2019 12:04

Tgt Ion: 75 Resp: 1281

Ion Ratio Lower Upper

75 100

77 42.5 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU032679.D (-2094) (-)

Ion 77.00 (76.70 to 77.70): VU032679.D (-2094) (-)

7.85

800

600

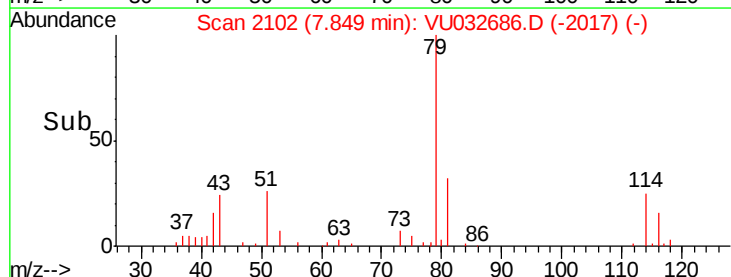
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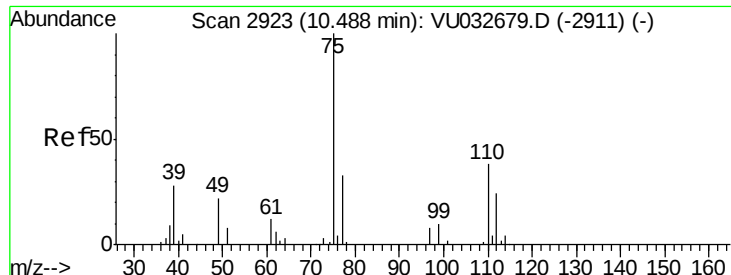
200

0

7.80 7.85

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.845 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032686.D

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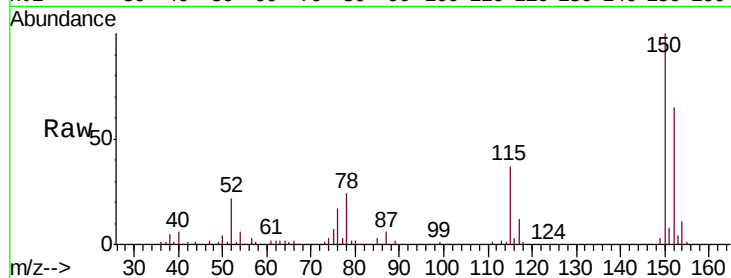
C0JT0

Tgt Ion: 75 Resp: 9565

Ion Ratio Lower Upper

75 100

77 37.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

