

Data File : VU026886.D
Acq On : 19 Sep 2018 00:32
Operator : MD/SY
Sample : J4865-20ME
Misc : 4.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB3P8ME

Quant Time: Sep 19 07:41:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	230287	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	228671	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129110	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50923	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.78%#
7) Chloroethane-d5	1.64	69	32142	22.04	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.08%#
11) 1,1-Dichloroethene-d2	2.23	63	79632	24.70	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.40%#
21) 2-Butanone-d5	4.20	46	115813	102.45	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.45%
24) Chloroform-d	4.65	84	125637	39.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.52%
26) 1,2-Dichloroethane-d4	5.31	65	84087	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
32) Benzene-d6	5.33	84	243093	37.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.86%
36) 1,2-Dichloropropane-d6	6.33	67	85073	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.40%
41) Toluene-d8	7.57	98	200645	34.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.32%#
43) trans-1,3-Dichloropropene-	7.85	79	34210	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
47) 2-Hexanone-d5	8.33	63	85614	105.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	140864	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	107818	40.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.28%

Target Compounds

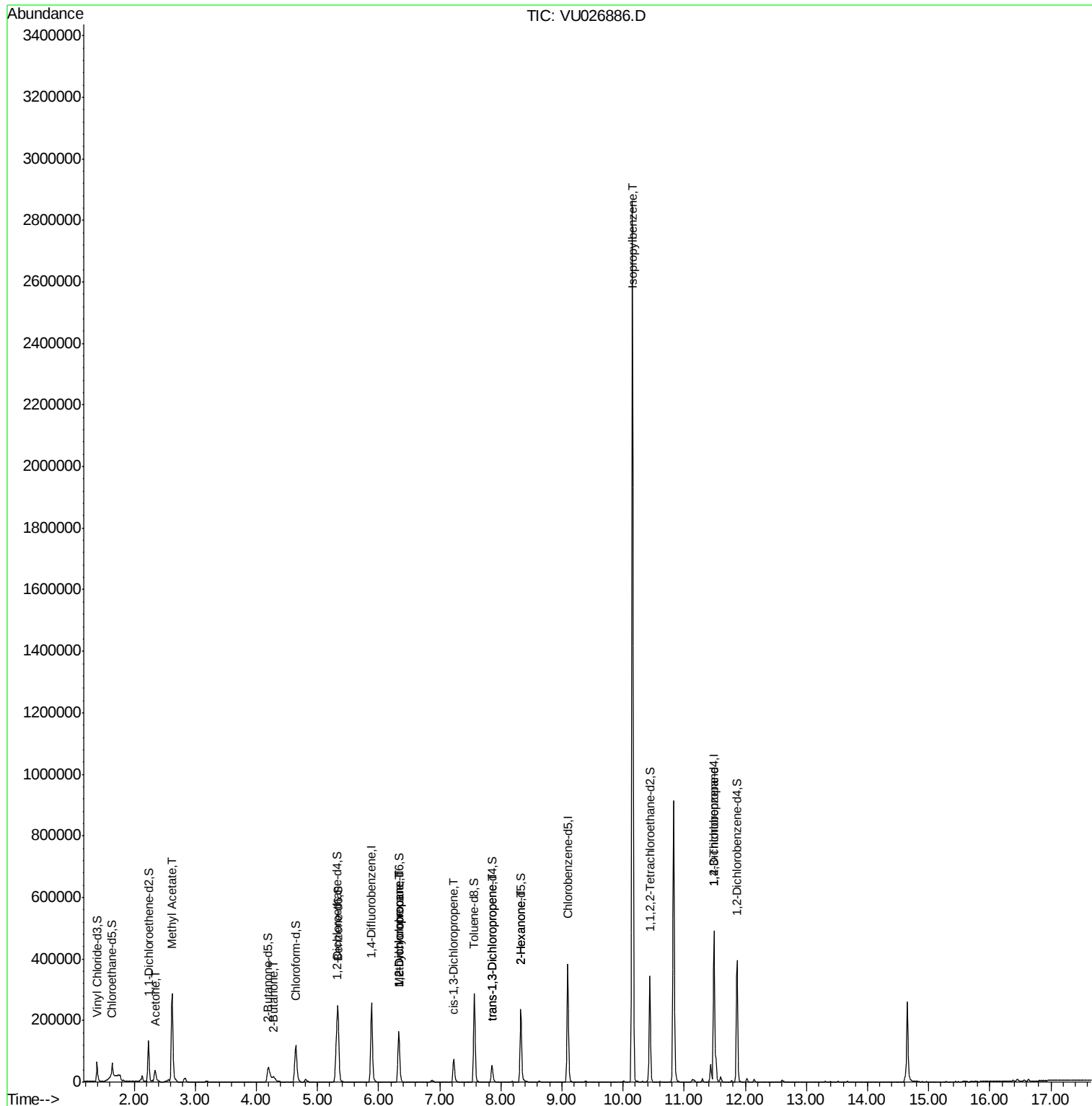
					Qvalue
13) Acetone	2.34	43	55582	50.023	ug/L 100
15) Methyl Acetate	2.62	43	369923	192.152	ug/L 100
22) 2-Butanone	4.29	43	22919	16.726	ug/L 93
35) Methylcyclohexane	6.33	83	20120	7.255	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	8819	4.528	ug/L # 86
39) cis-1,3-Dichloropropene	7.23	75	1839	0.668	ug/L # 56
44) trans-1,3-Dichloropropene	7.85	75	1389	0.539	ug/L # 80
48) 2-Hexanone	8.33	43	10338	5.538	ug/L # 65
56) Isopropylbenzene	10.15	105	118087	16.422	ug/L # 1
59) 1,2,3-Trichloropropane	11.48	75	14666	6.287	ug/L 91

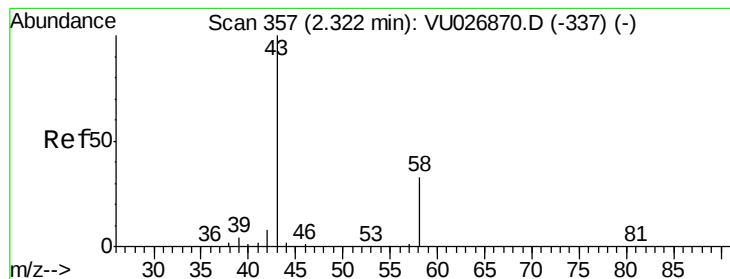
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 50.023 ug/L

RT: 2.34 min Scan# 364

Delta R.T. 0.02 min

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Acq: 19 Sep 2018 00:32

Instrument :

MSVOA_U

ClientSampleId :

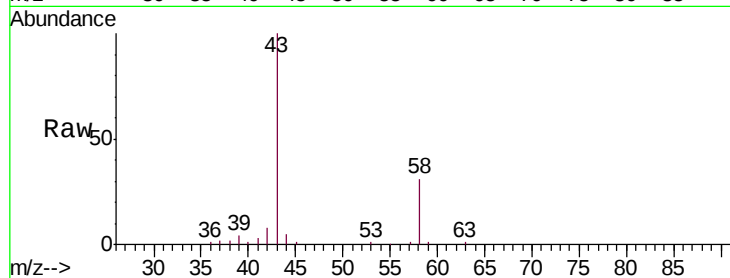
DB3P8ME

Tgt Ion: 43 Resp: 55582

Ion Ratio Lower Upper

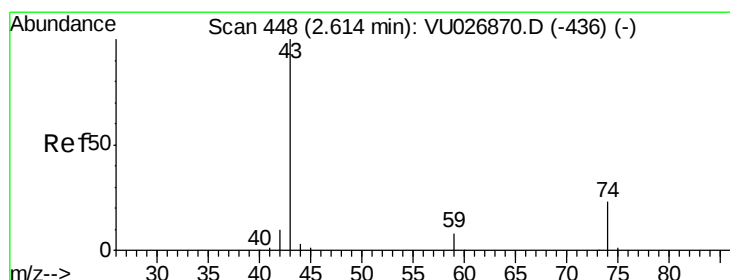
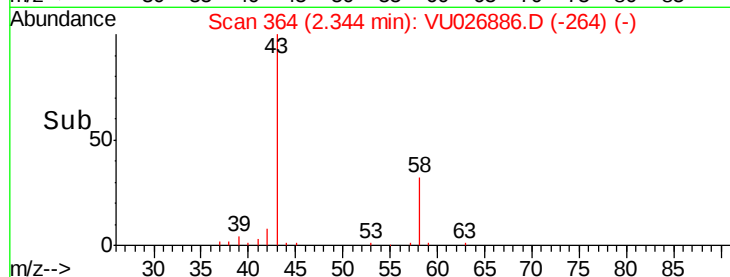
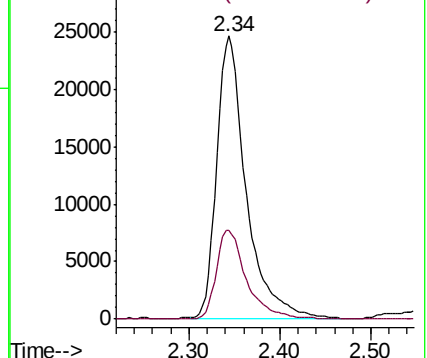
43 100

58 32.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 192.152 ug/L

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU026886.D

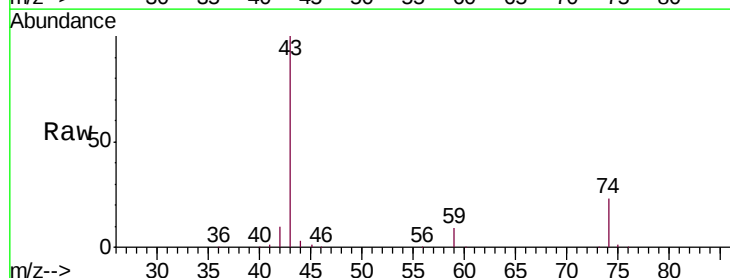
Acq: 19 Sep 2018 00:32

Tgt Ion: 43 Resp: 369923

Ion Ratio Lower Upper

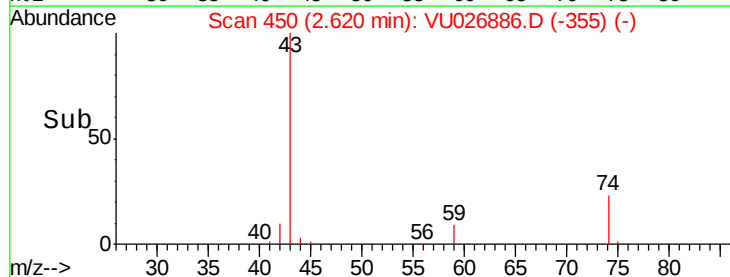
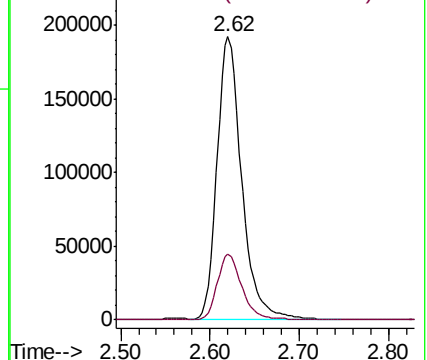
43 100

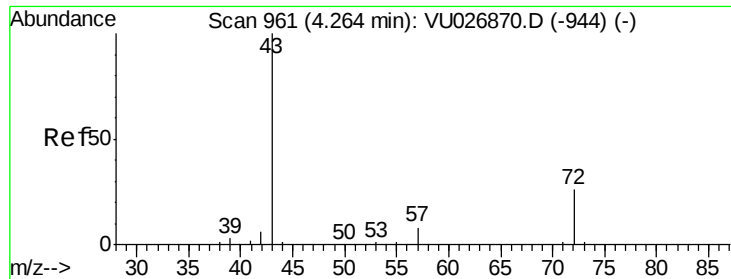
74 23.2 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#22

2-Butanone

Concen: 16.726 ug/L

RT: 4.29 min Scan# 968

Delta R.T. 0.02 min

Lab File: VU026886.D

Acq: 19 Sep 2018 00:32

Instrument :

MSVOA_U

ClientSampleId :

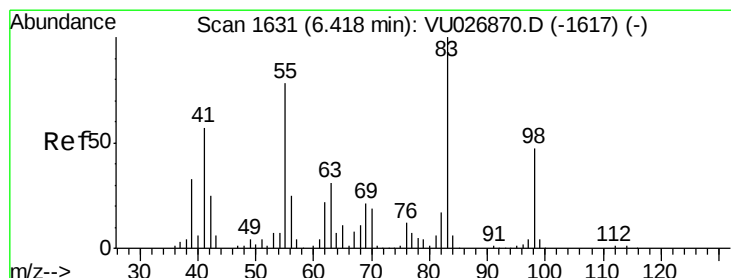
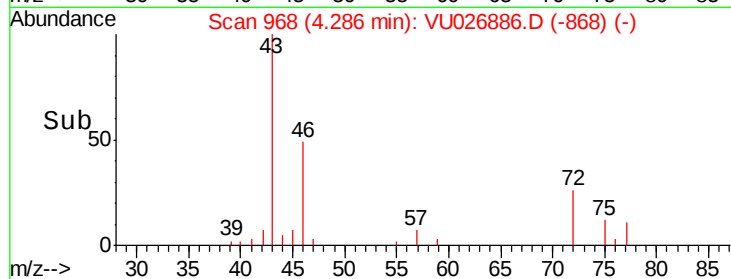
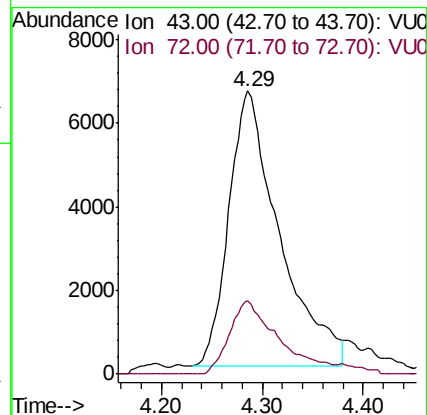
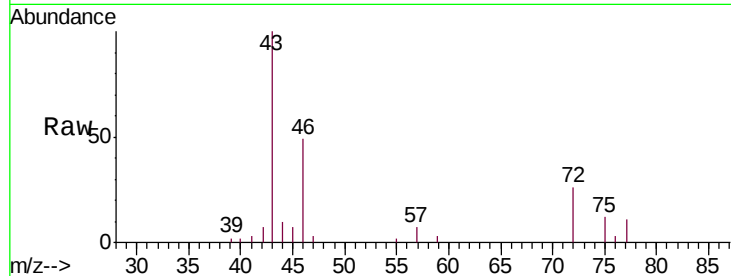
DB3P8ME

Tgt Ion: 43 Resp: 22919

Ion Ratio Lower Upper

43 100

72 22.8 13.3 39.9



#35

Methylcyclohexane

Concen: 7.255 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026886.D

Acq: 19 Sep 2018 00:32

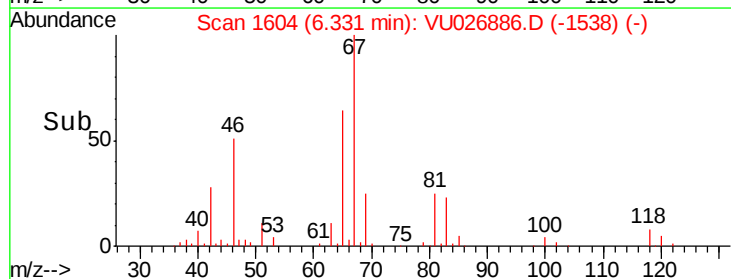
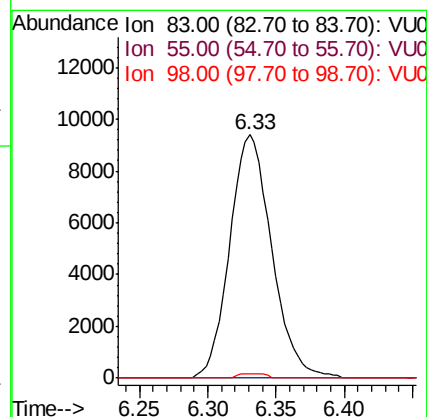
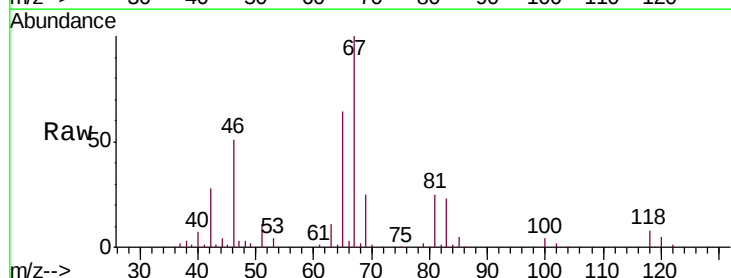
Tgt Ion: 83 Resp: 20120

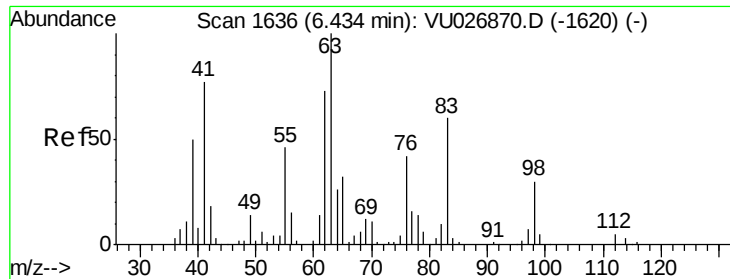
Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 0.5 38.3 57.5#

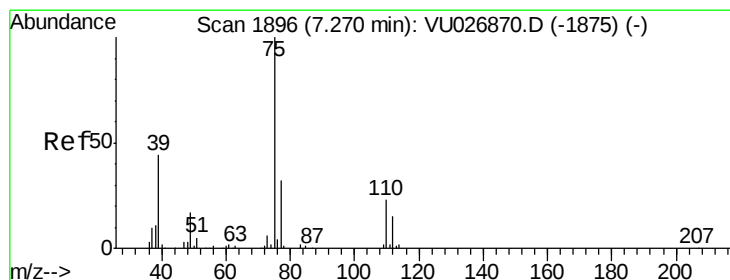
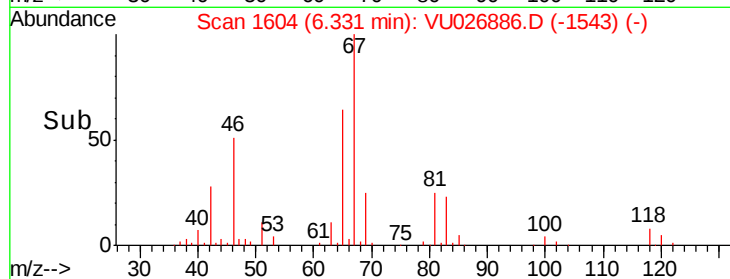
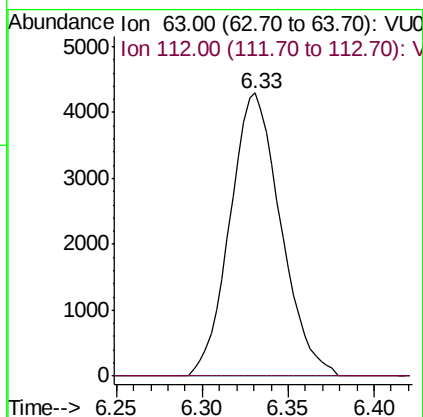
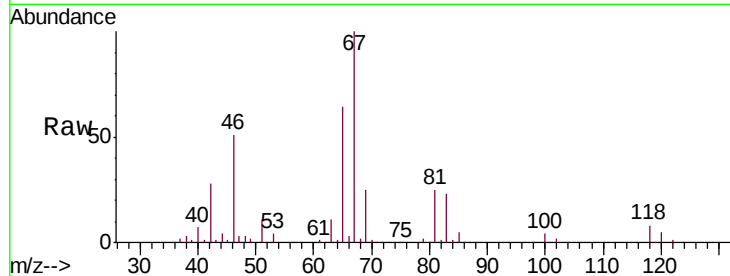




#37
 1,2-Dichloropropane
 Concen: 4.528 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026886.D
 Acq: 19 Sep 2018 00:32

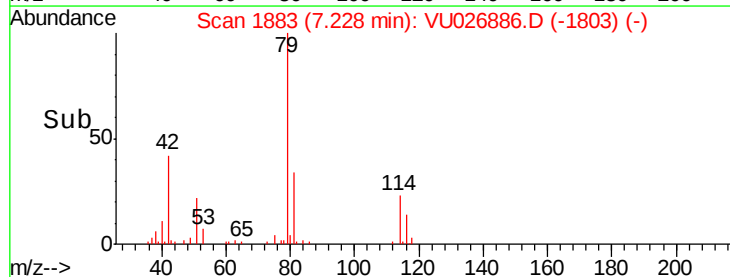
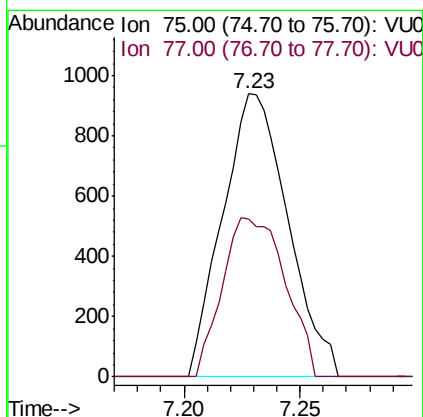
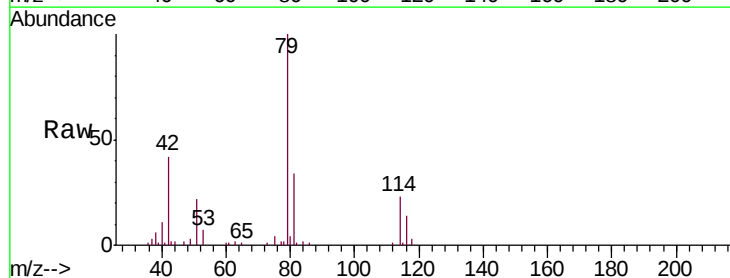
Instrument :
 MSVOA_U
 ClientSampleId :
 DB3P8ME

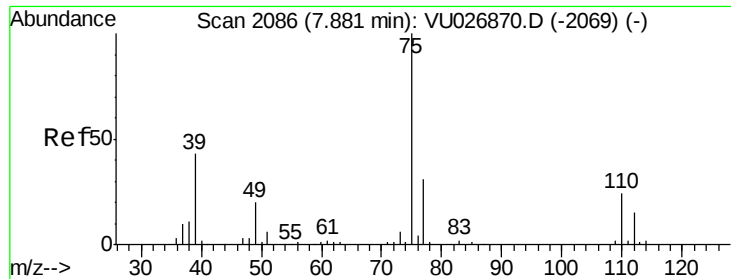
Tgt Ion: 63 Resp: 8819
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.668 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026886.D
 Acq: 19 Sep 2018 00:32

Tgt Ion: 75 Resp: 1839
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.1 41.1#

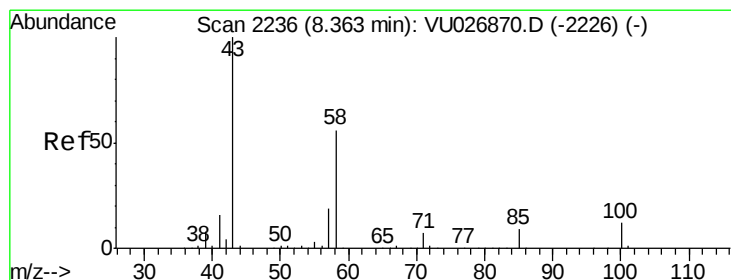
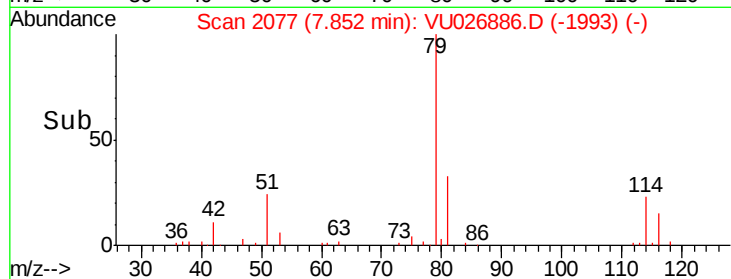
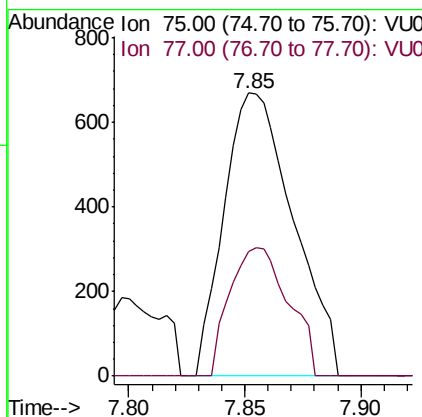
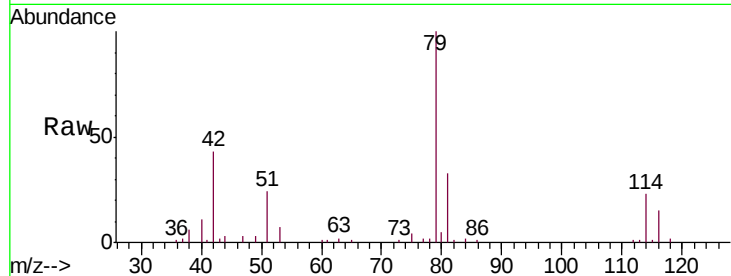




#44
trans-1,3-Dichloropropene
Concen: 0.539 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026886.D
Acq: 19 Sep 2018 00:32

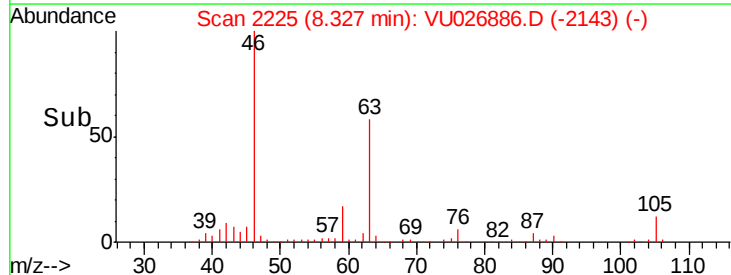
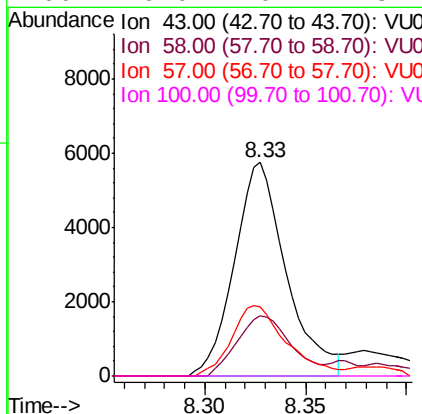
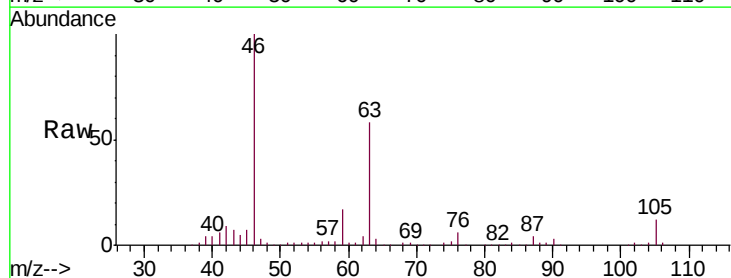
Instrument :
MSVOA_U
ClientSampleId :
DB3P8ME

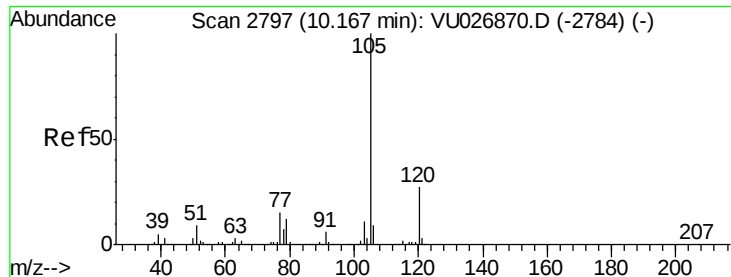
Tgt Ion: 75 Resp: 1389
Ion Ratio Lower Upper
75 100
77 43.9 22.8 42.4#



#48
2-Hexanone
Concen: 5.538 ug/L
RT: 8.33 min Scan# 2225
Delta R.T. -0.04 min
Lab File: VU026886.D
Acq: 19 Sep 2018 00:32

Tgt Ion: 43 Resp: 10338
Ion Ratio Lower Upper
43 100
58 29.4 44.9 67.3#
57 34.7 15.4 23.2#
100 0.0 10.2 15.4#





#56

Isopropylbenzene

Concen: 16.422 ug/L

RT: 10.15 min Scan# 2793

Delta R.T. -0.01 min

Lab File: VU026886.D

Acq: 19 Sep 2018 00:32

Instrument :

MSVOA_U

ClientSampled :

DB3P8ME

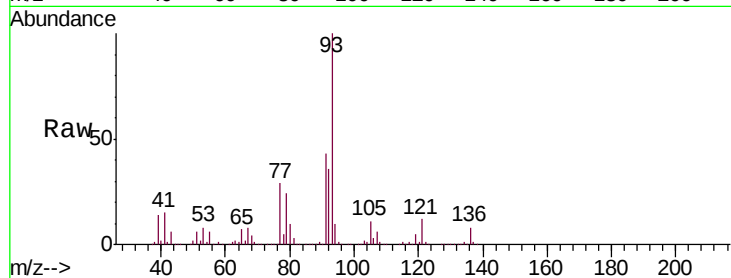
Tgt Ion:105 Resp: 118087

Ion Ratio Lower Upper

105 100

120 7.5 21.4 32.2#

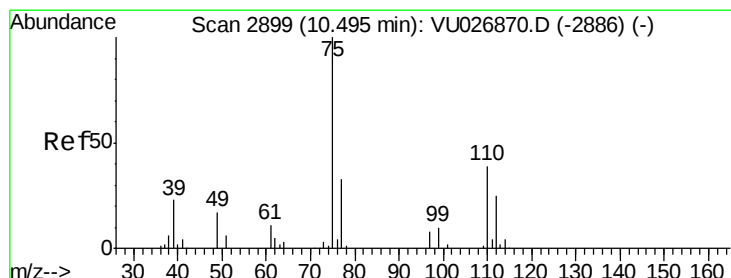
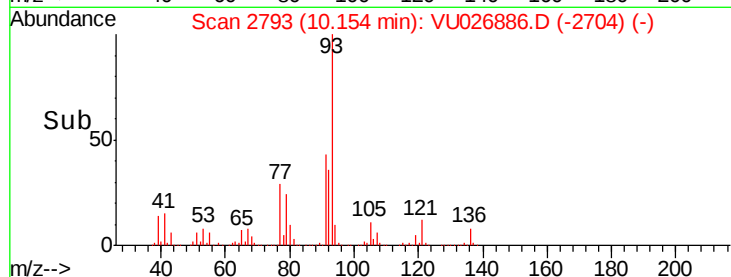
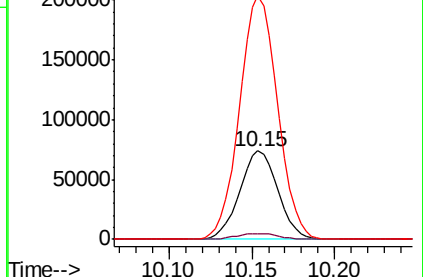
77 274.7 12.2 18.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 6.287 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026886.D

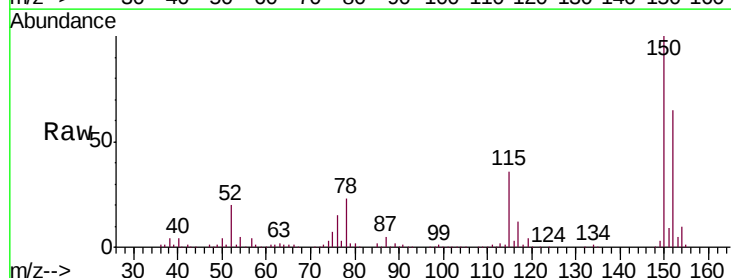
Acq: 19 Sep 2018 00:32

Tgt Ion: 75 Resp: 14666

Ion Ratio Lower Upper

75 100

77 36.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

