

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100518\
 Data File : VU027449.D
 Acq On : 05 Oct 2018 13:34
 Operator : MD/SY
 Sample : J5180-20ME
 Misc : 4.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLC29ME

Quant Time: Oct 06 04:58:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:54:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227916	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	222748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122636	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66382	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.02%
7) Chloroethane-d5	1.64	69	45718	33.09	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.18%#
11) 1,1-Dichloroethene-d2	2.23	63	86157	25.61	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.22%#
21) 2-Butanone-d5	4.20	46	104528	72.19	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.19%
24) Chloroform-d	4.64	84	107909	37.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.22%
26) 1,2-Dichloroethane-d4	5.31	65	78784	39.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.38%
32) Benzene-d6	5.33	84	234512	36.74	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.48%
36) 1,2-Dichloropropane-d6	6.33	67	83463	38.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.34%
41) Toluene-d8	7.56	98	206502	36.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.38%#
43) trans-1,3-Dichloropropene-	7.85	79	39075	37.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.16%
47) 2-Hexanone-d5	8.33	63	90920	82.33	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.33%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	121155	42.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	91804	38.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.52%#

Target Compounds

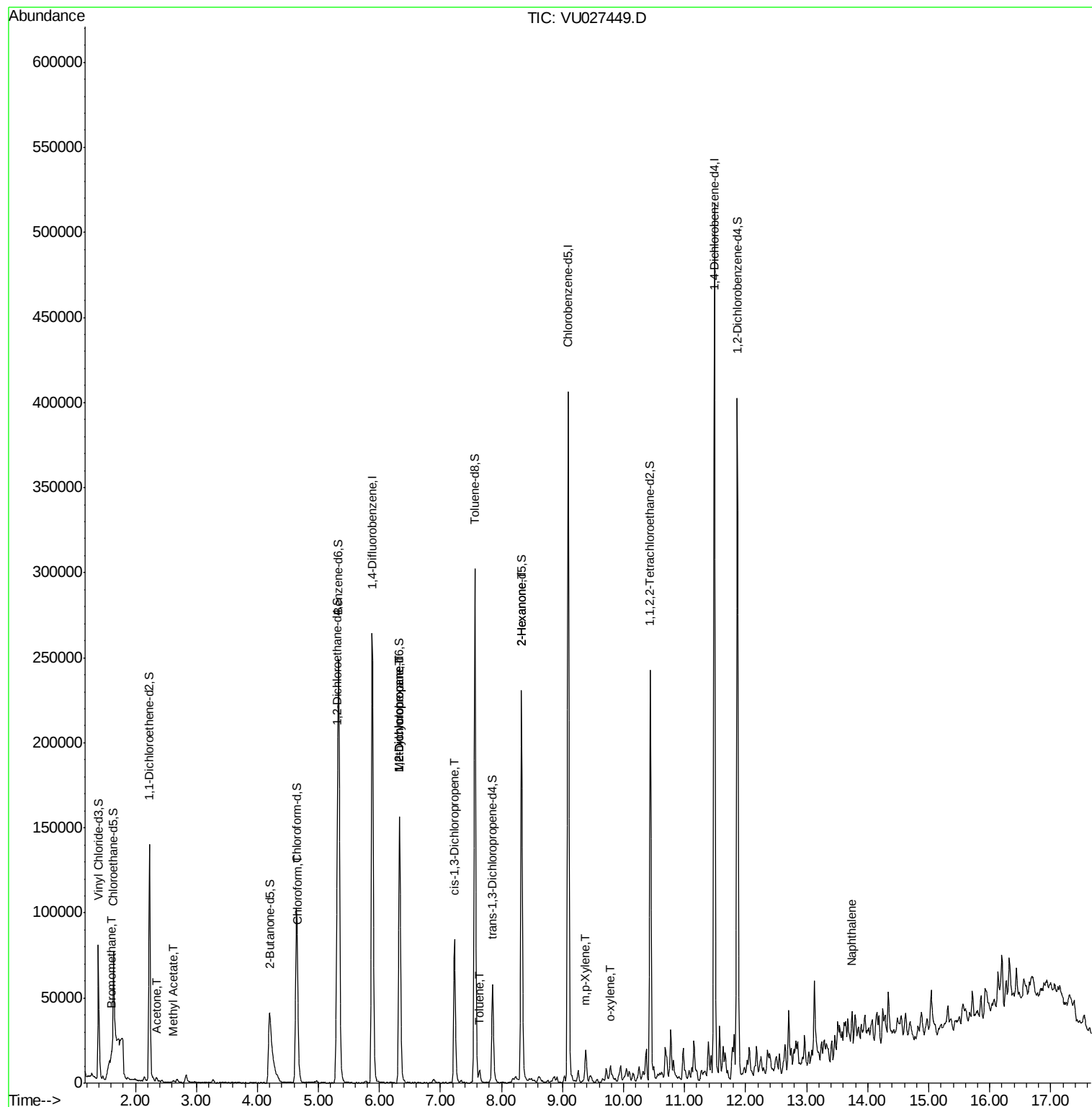
					Qvalue
6) Bromomethane	1.60	94	656	0.591	ug/L 79
13) Acetone	2.34	43	3912	3.294	ug/L 98
15) Methyl Acetate	2.63	43	1696	0.713	ug/L # 72
25) Chloroform	4.67	83	5050	1.553	ug/L 99
35) Methylcyclohexane	6.33	83	17858	5.839	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	8725	4.114	ug/L # 89
39) cis-1,3-Dichloropropene	7.23	75	2327	0.747	ug/L # 75
42) Toluene	7.64	91	6013	0.819	ug/L 98
48) 2-Hexanone	8.33	43	11539	4.706	ug/L # 64
53) m,p-Xylene	9.38	106	5151	1.726	ug/L 96
54) o-xylene	9.78	106	2488	0.865	ug/L 85
69) Naphthalene	13.75	128	11687	1.398	ug/L 96

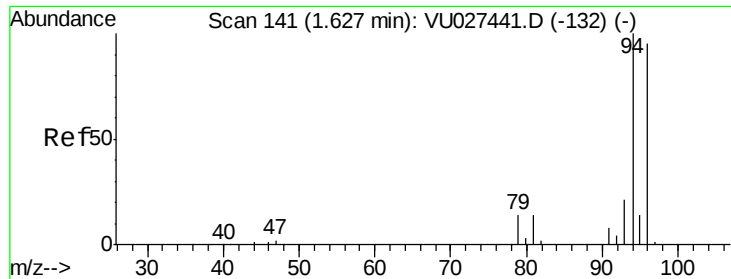
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 06 04:54:09 2018
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.591 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.03 min

Lab File: VU027449.D

Acq: 05 Oct 2018 13:34

Instrument :

MSVOA_U

ClientSampleId :

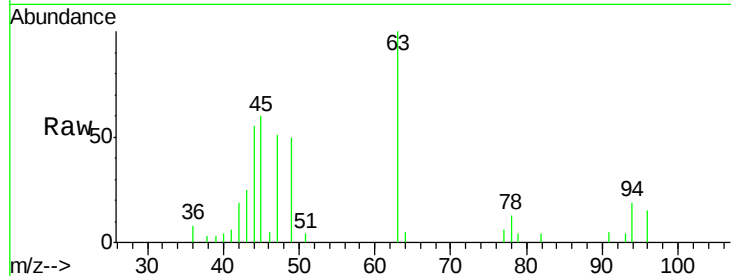
JLC29ME

Tgt Ion: 94 Resp: 656

Ion Ratio Lower Upper

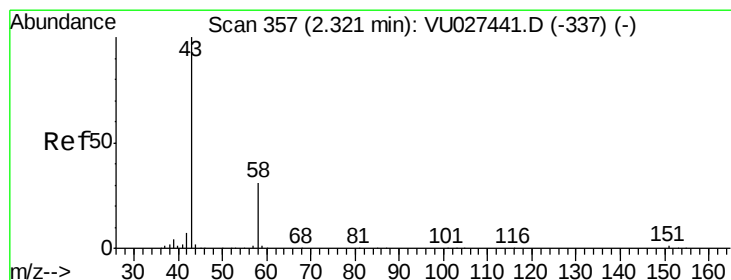
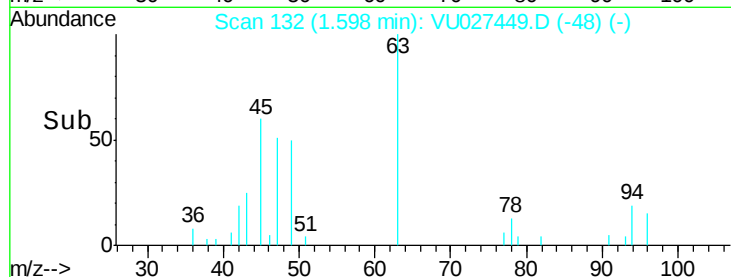
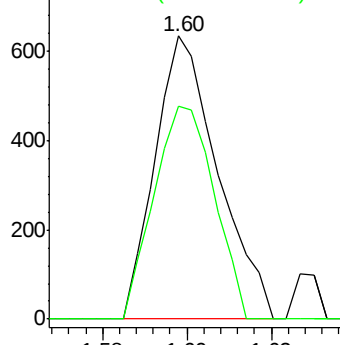
94 100

96 75.2 66.6 123.8



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#13

Acetone

Concen: 3.294 ug/L

RT: 2.34 min Scan# 364

Delta R.T. 0.02 min

Lab File: VU027449.D

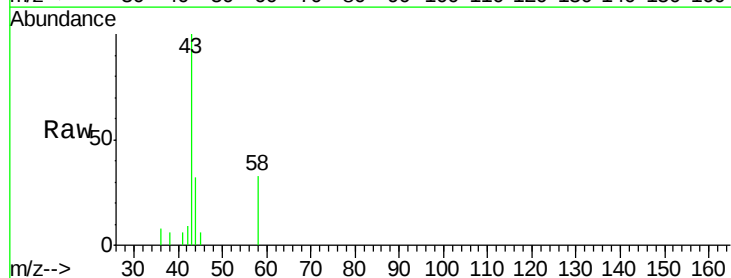
Acq: 05 Oct 2018 13:34

Tgt Ion: 43 Resp: 3912

Ion Ratio Lower Upper

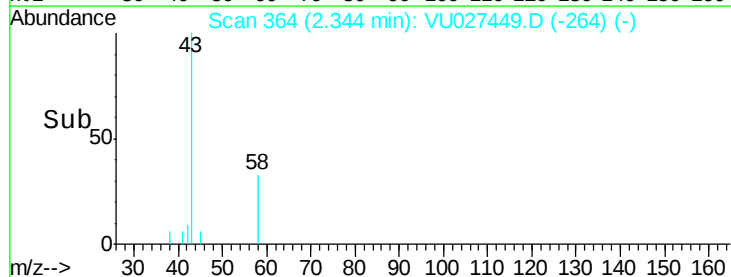
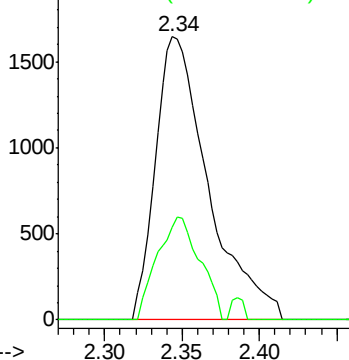
43 100

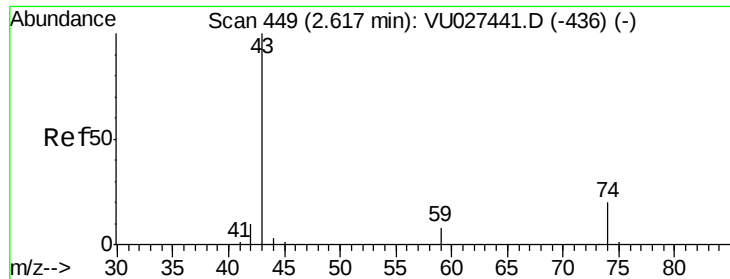
58 29.3 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#15

Methyl Acetate

Concen: 0.713 ug/L

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU027449.D

Acq: 05 Oct 2018 13:34

Instrument :

MSVOA_U

ClientSampleId :

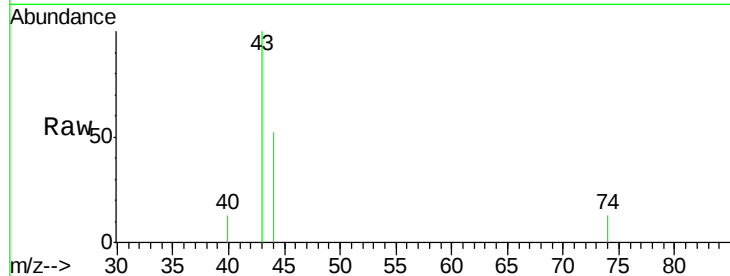
JLC29ME

Tgt Ion: 43 Resp: 1696

Ion Ratio Lower Upper

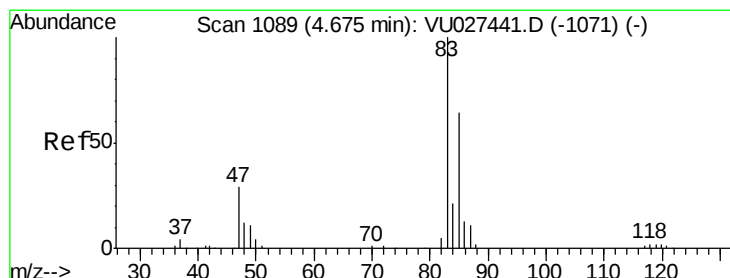
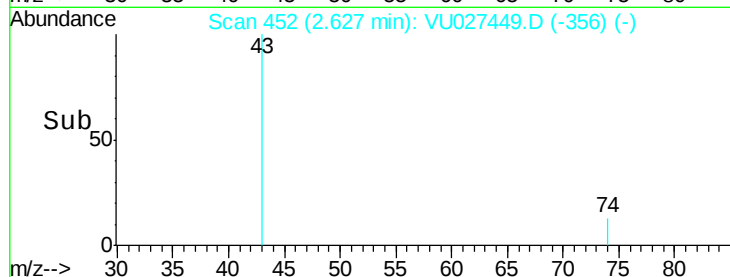
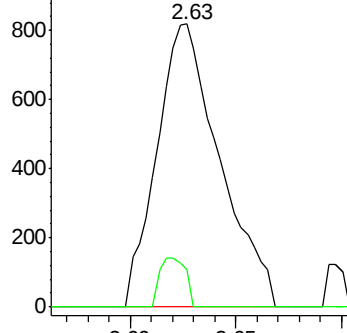
43 100

74 7.1 16.0 24.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#25

Chloroform

Concen: 1.553 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VU027449.D

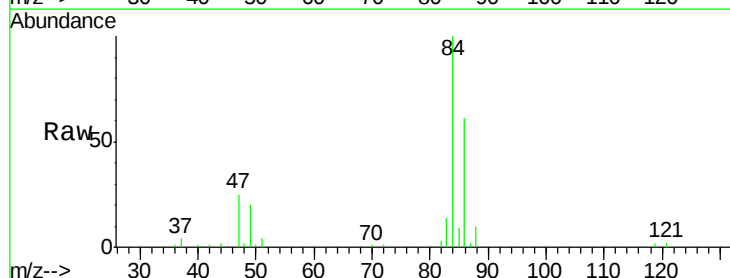
Acq: 05 Oct 2018 13:34

Tgt Ion: 83 Resp: 5050

Ion Ratio Lower Upper

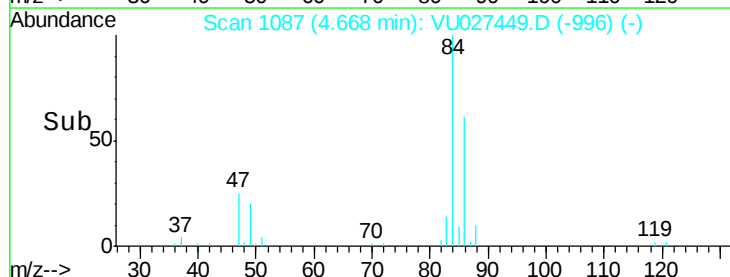
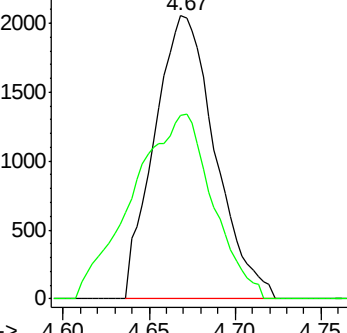
83 100

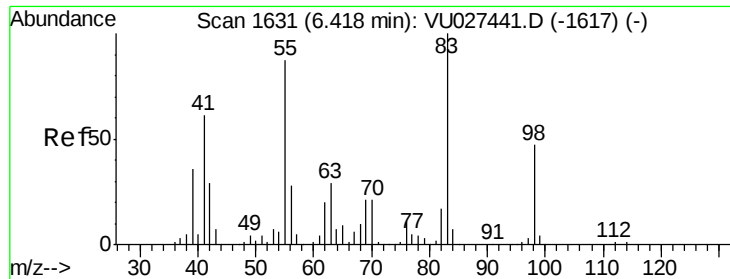
85 64.9 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

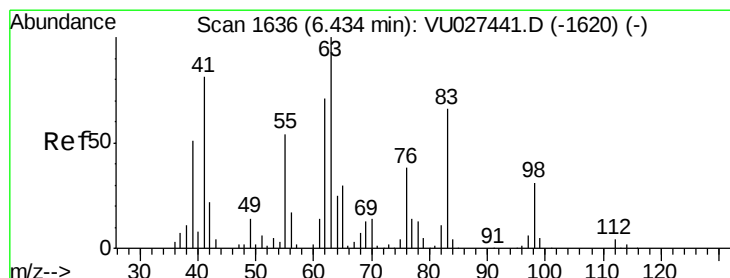
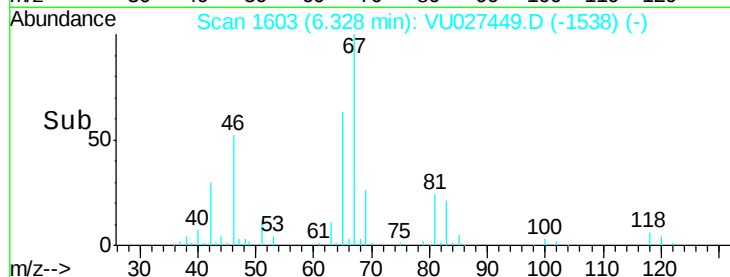
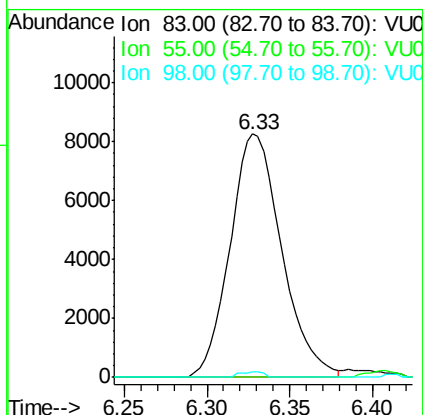
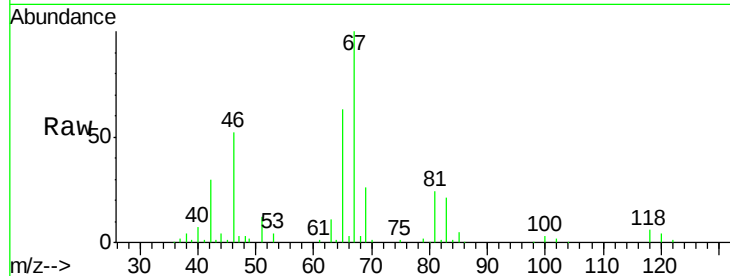




#35
Methylcyclohexane
Concen: 5.839 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU027449.D
Acq: 05 Oct 2018 13:34

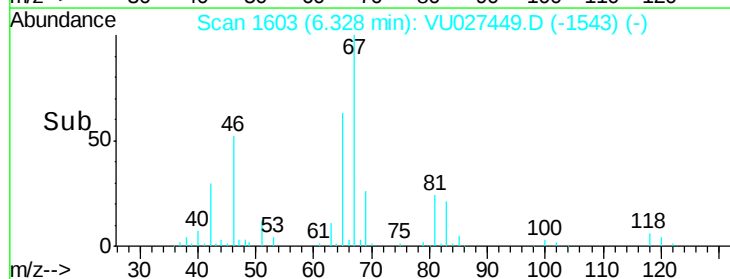
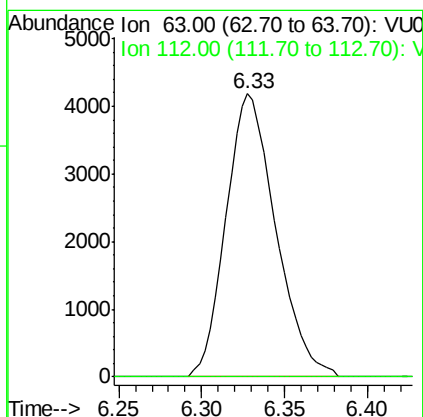
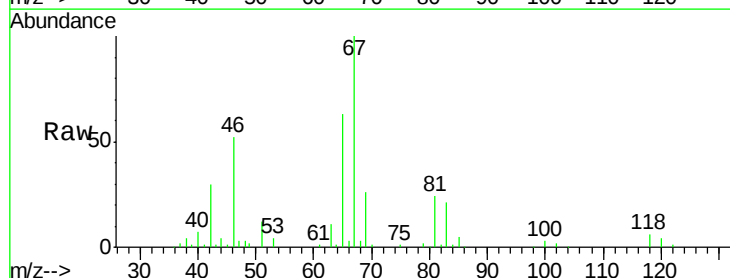
Instrument :
MSVOA_U
ClientSampled :
JLC29ME

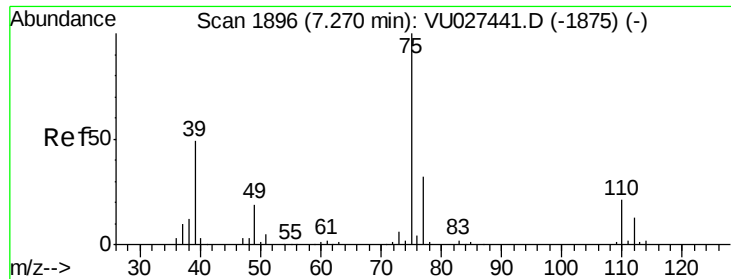
Tgt Ion: 83 Resp: 17858
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 0.5 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 4.114 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.11 min
Lab File: VU027449.D
Acq: 05 Oct 2018 13:34

Tgt Ion: 63 Resp: 8725
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#

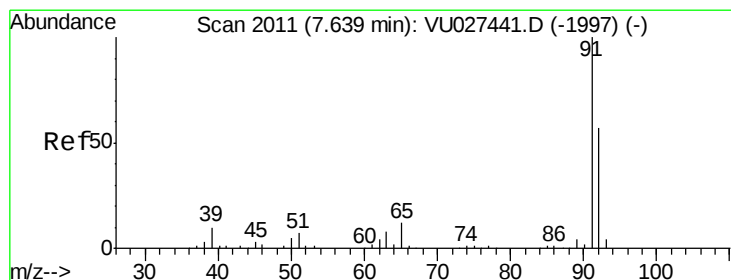
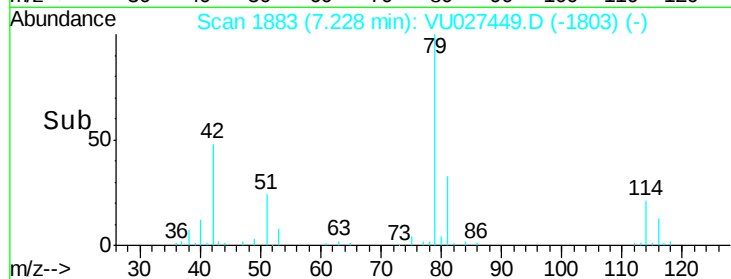
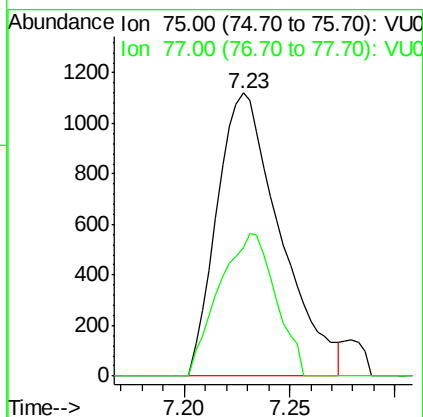
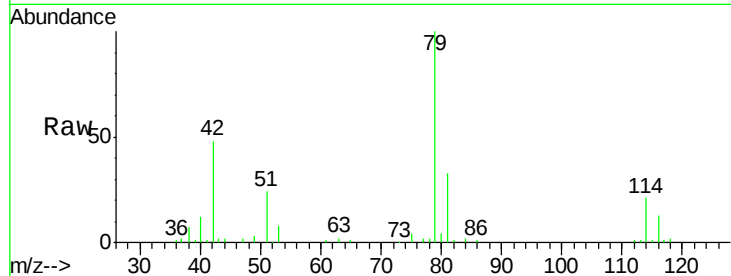




#39
 cis-1,3-Dichloropropene
 Concen: 0.747 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027449.D
 Acq: 05 Oct 2018 13:34

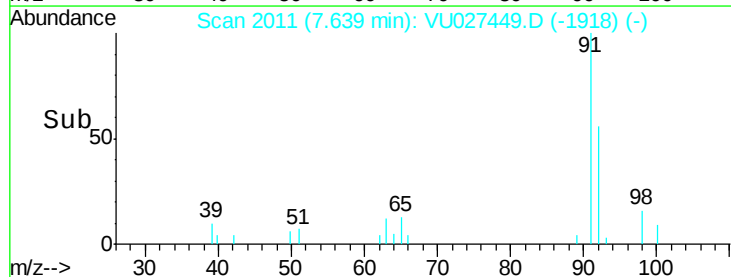
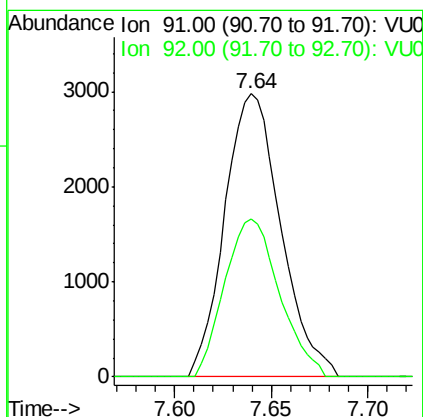
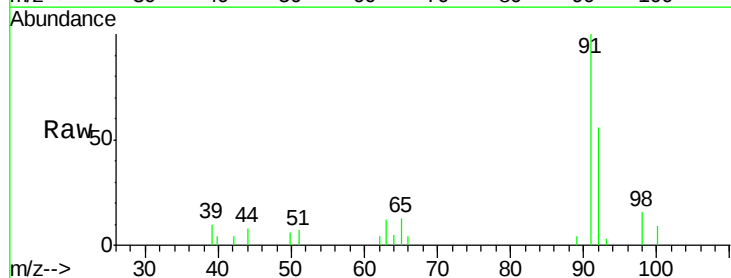
Instrument :
 MSVOA_U
 ClientSampleId :
 JLC29ME

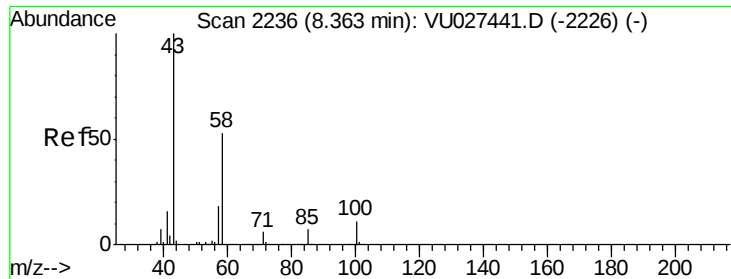
Tgt Ion: 75 Resp: 2327
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.1 41.1#



#42
 Toluene
 Concen: 0.819 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027449.D
 Acq: 05 Oct 2018 13:34

Tgt Ion: 91 Resp: 6013
 Ion Ratio Lower Upper
 91 100
 92 55.7 40.2 74.6

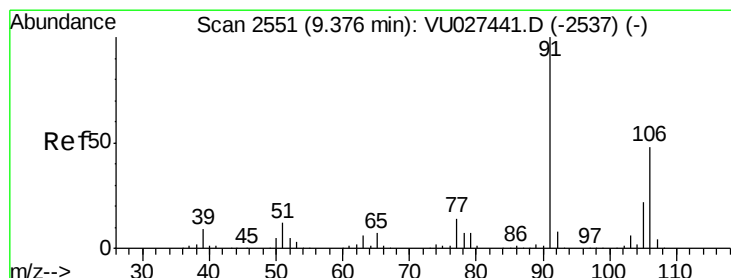
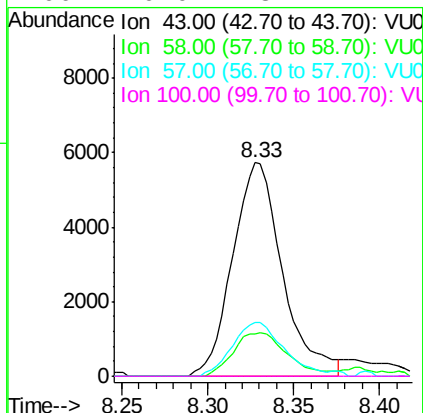
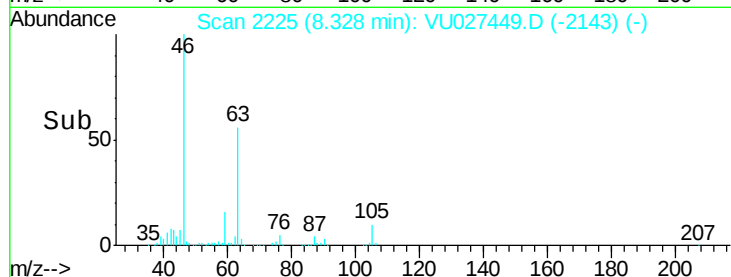
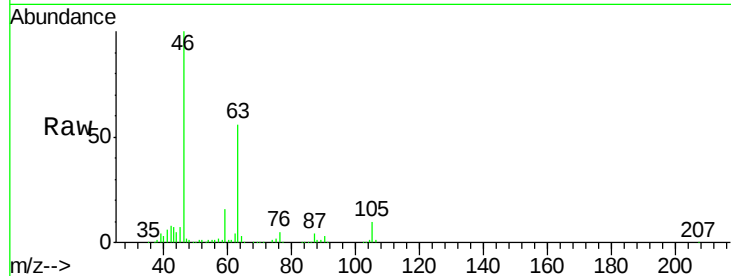




#48
2-Hexanone
Concen: 4.706 ug/L
RT: 8.33 min Scan# 2225
Delta R.T. -0.04 min
Lab File: VU027449.D
Acq: 05 Oct 2018 13:34

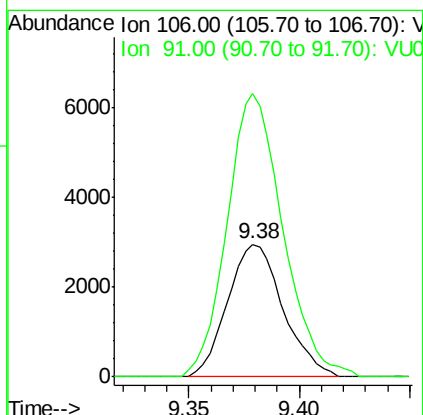
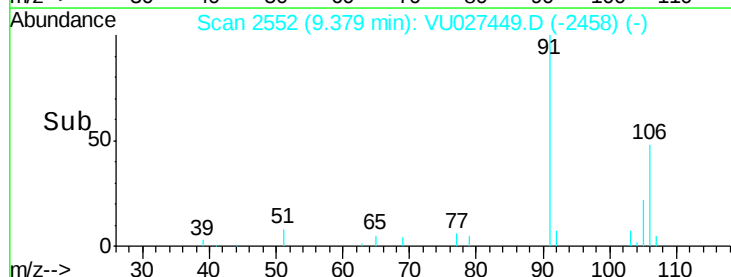
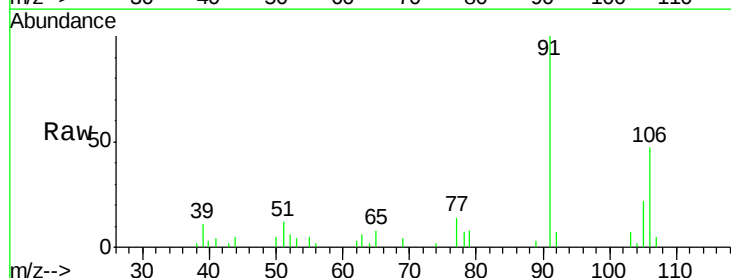
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ClientSampleId :
JLC29ME

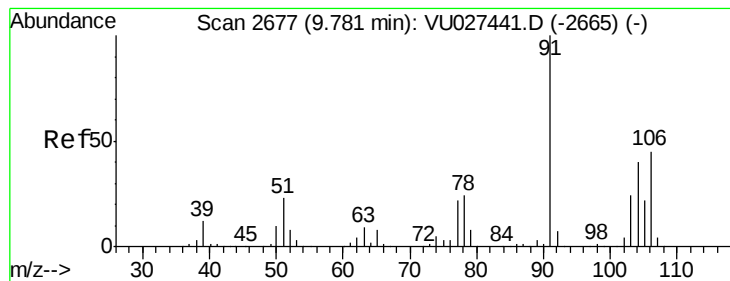
Tgt Ion: 43 Resp: 11539
Ion Ratio Lower Upper
43 100
58 21.7 42.7 64.1#
57 26.0 14.5 21.7#
100 0.0 8.2 12.2#



#53
m,p-Xylene
Concen: 1.726 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027449.D
Acq: 05 Oct 2018 13:34

Tgt Ion: 106 Resp: 5151
Ion Ratio Lower Upper
106 100
91 213.7 145.0 269.4





#54

o-xylene

Concen: 0.865 ug/L

RT: 9.78 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VU027449.D

Acq: 05 Oct 2018 13:34

Instrument :

MSVOA_U

ClientSampleId :

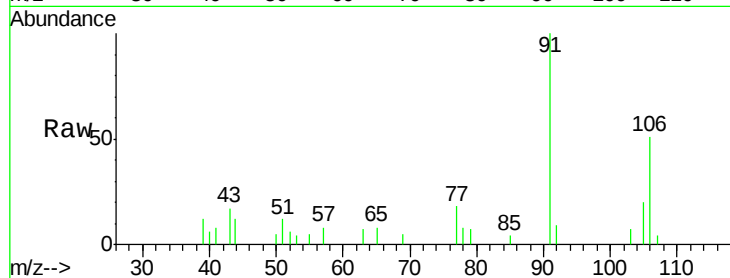
JLC29ME

Tgt Ion:106 Resp: 2488

Ion Ratio Lower Upper

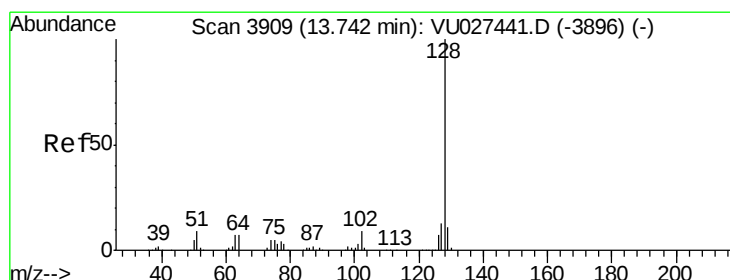
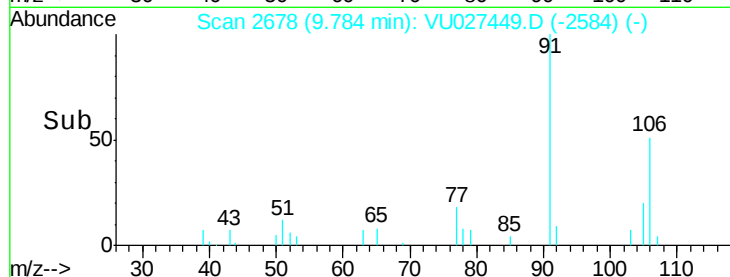
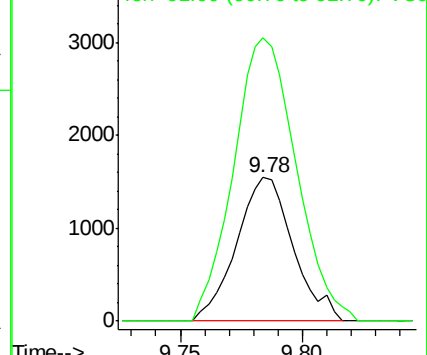
106 100

91 197.2 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

Naphthalene

Concen: 1.398 ug/L

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027449.D

Acq: 05 Oct 2018 13:34

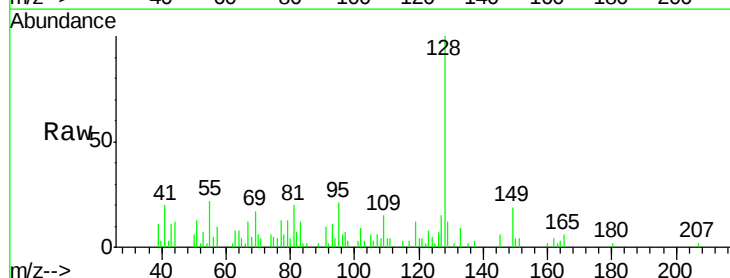
Tgt Ion:128 Resp: 11687

Ion Ratio Lower Upper

128 100

127 14.8 10.4 15.6

129 11.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

