

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026434.D
 Acq On : 29 Aug 2018 20:10
 Operator : MD/SY
 Sample : J4691-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE03

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 11:41:15 AM

Quant Time: Sep 06 12:58:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	178103	50.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.49	152	92870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42785	44.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.36%
7) Chloroethane-d5	1.68	69	40837	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.44%
11) 1,1-Dichloroethene-d2	2.27	63	72114	33.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.88%
21) 2-Butanone-d5	4.18	46	70567	94.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.95%
24) Chloroform-d	4.65	84	82789	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.31	65	57376	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
32) Benzene-d6	5.35	84	166202	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.98%
36) 1,2-Dichloropropane-d6	6.34	67	57922	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.14%
41) Toluene-d8	7.57	98	172264	43.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.94%
43) trans-1,3-Dichloropropene-	7.85	79	26641	41.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.74%
47) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.00%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	92347	44.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	80299	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	5797	3.59	ug/L	# 74
13) Acetone	2.32	43	7561	11.75	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	6957	6.97	ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	353185	315.95	ug/L	99
29) Cyclohexane	5.00	56	3044	1.57	ug/L	# 62
34) Trichloroethene	6.20	95	6265094	4891.77	ug/L	98
46) Tetrachloroethene	8.25	164	87794155m	83844.44	ug/L	
51) Chlorobenzene	9.13	112	4958	1.39	ug/L	93
52) Ethylbenzene	9.26	91	7958	1.37	ug/L	99
53) m,p-Xylene	9.38	106	11996	5.54	ug/L	93
54) o-xylene	9.79	106	7248	3.44	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	18611	6.49	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	2805	1.46	ug/L	94

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

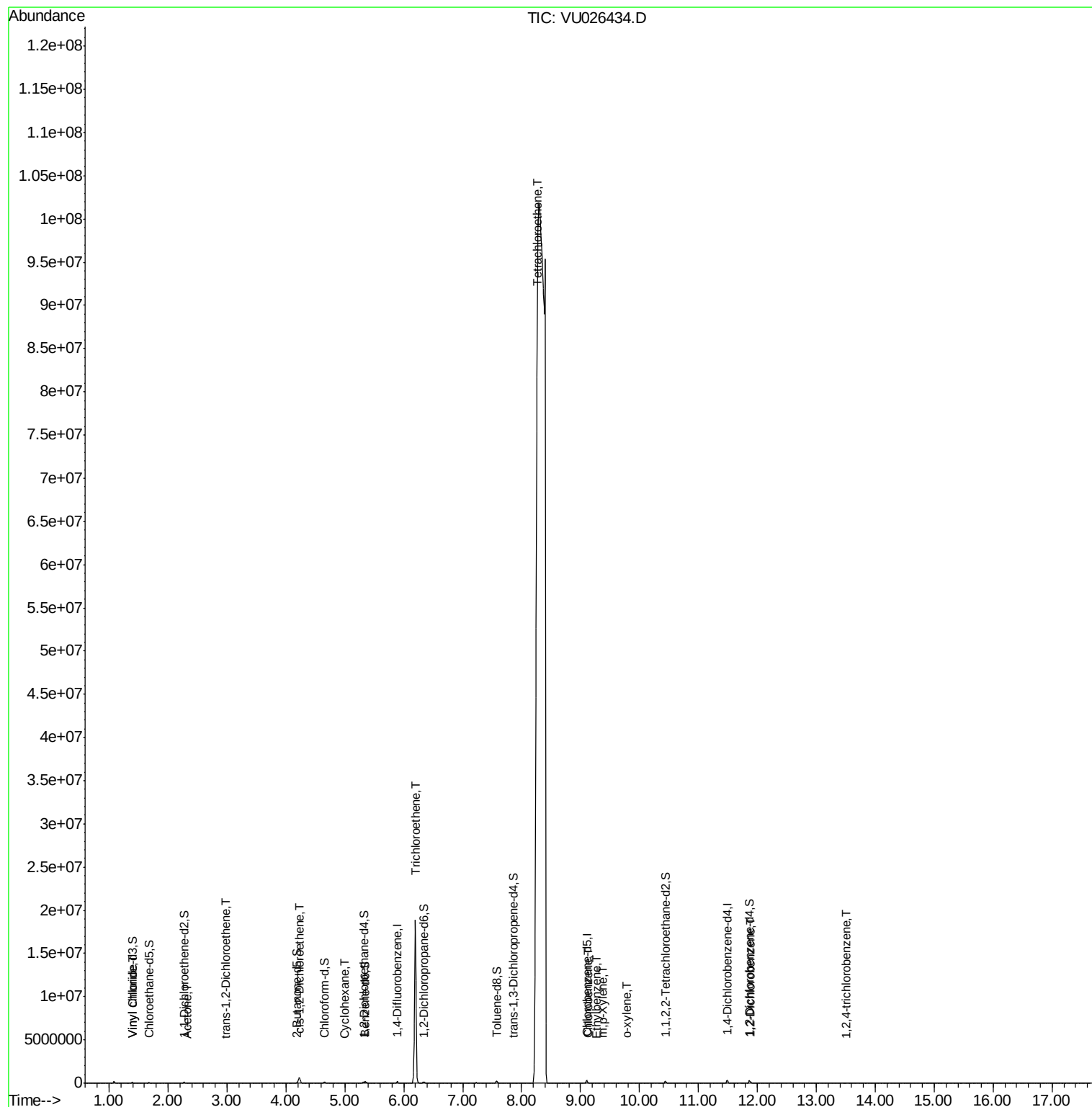
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082918\
Data File : VU026434.D
Acq On : 29 Aug 2018 20:10
Operator : MD/SY
Sample : J4691-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

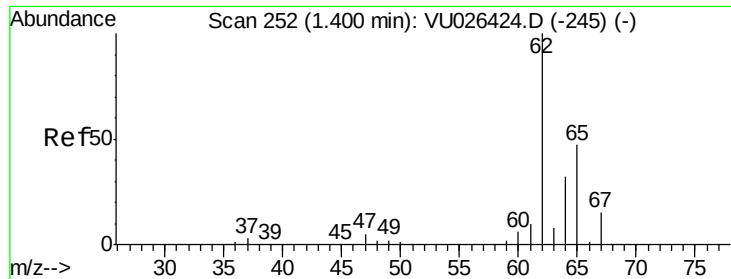
Instrument :
MSVOA_U
ClientSampleId :
BEE03

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Quant Time: Sep 06 12:58:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 30 02:20:47 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.59 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026434.D

Acq: 29 Aug 2018 20:10

Instrument :

MSVOA_U

ClientSampled :

BEE03

Tot Ion: 62 Resp: 5797

Ion Ratio Lower Upper

62 100

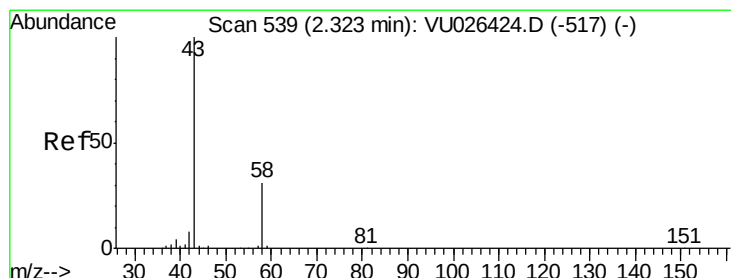
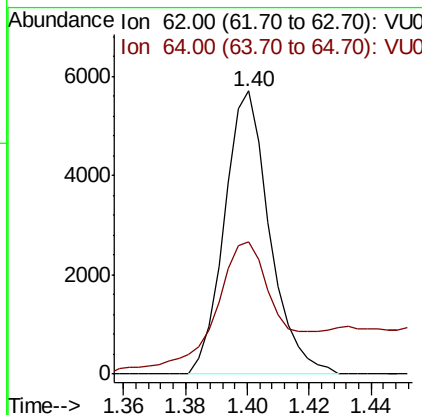
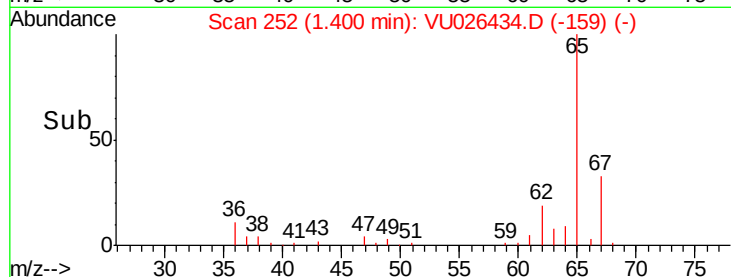
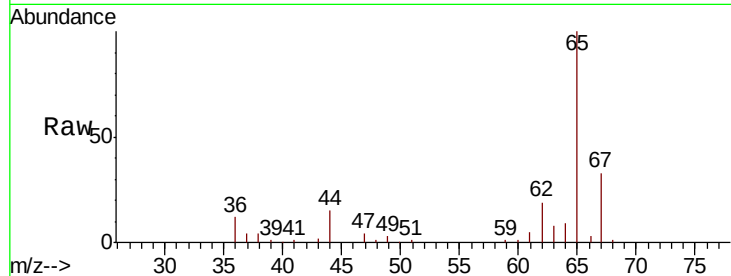
64 46.7 22.4 41.6#

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#13

Acetone

Concen: 11.75 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026434.D

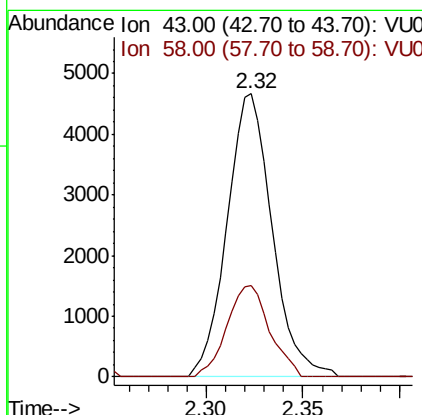
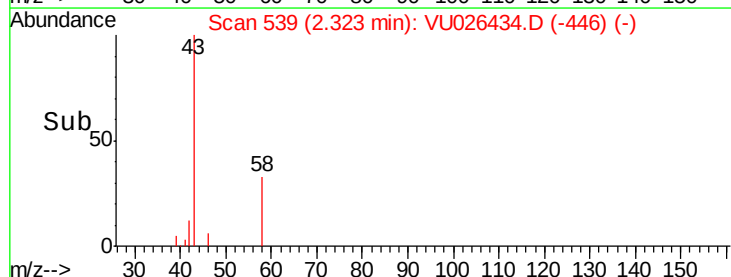
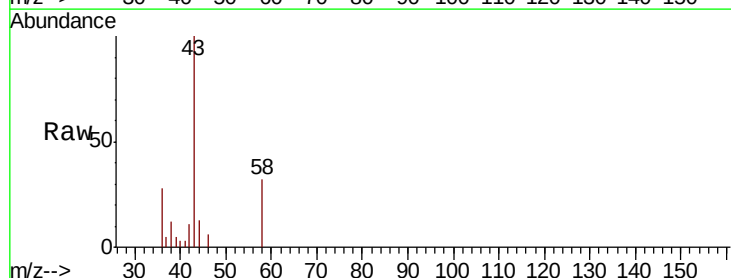
Acq: 29 Aug 2018 20:10

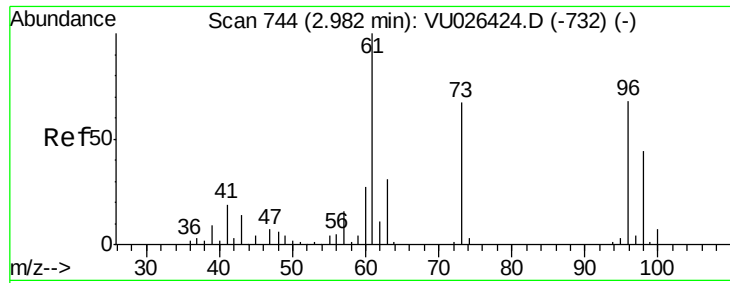
Tgt Ion: 43 Resp: 7561

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.2





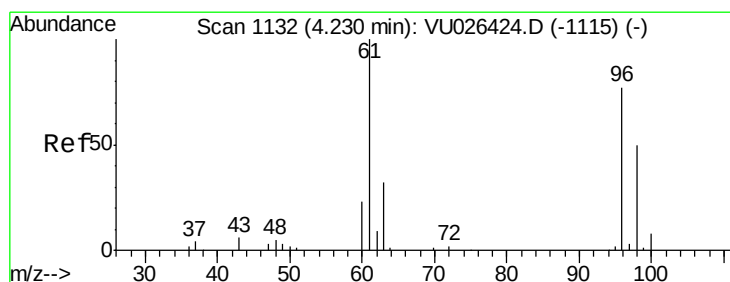
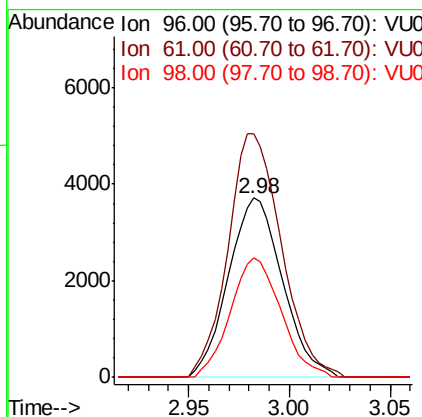
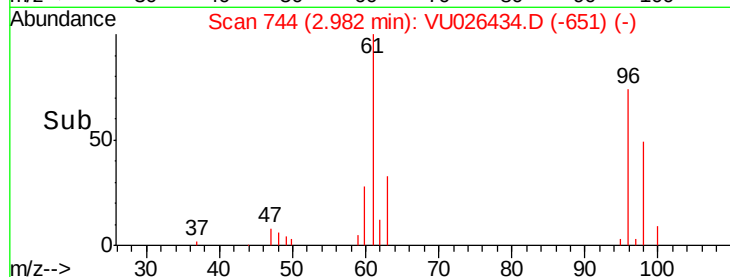
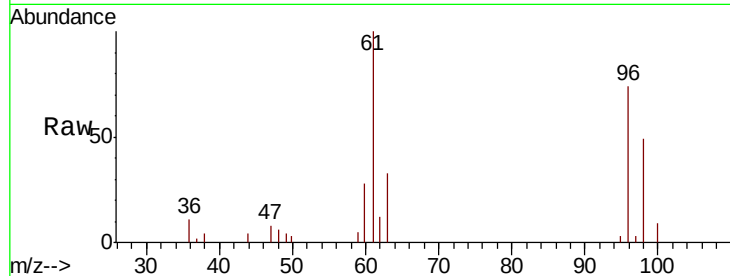
#17
 trans-1,2-Dichloroethene
 Concen: 6.97 ug/L
 RT: 2.98 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: VU026434.D
 Acq: 29 Aug 2018 20:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE03

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	103.2	191.6
98	67.0	44.9	83.3

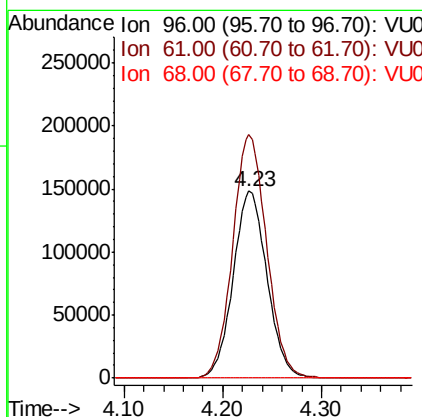
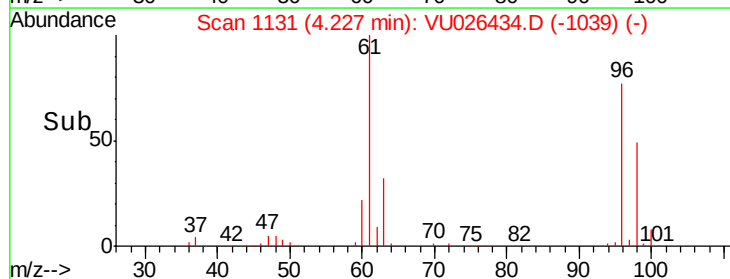
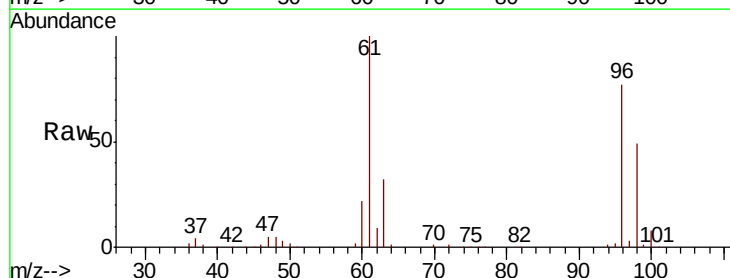
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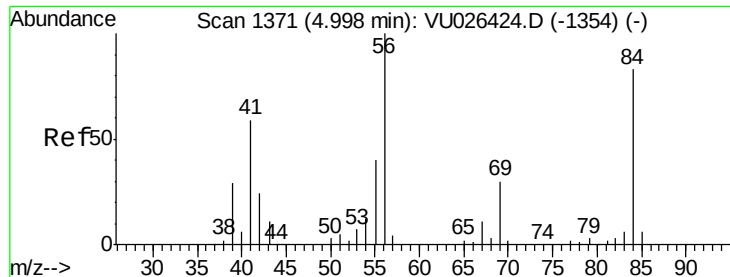
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#20
 cis-1,2-Dichloroethene
 Concen: 315.95 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026434.D
 Acq: 29 Aug 2018 20:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.3	91.6	170.2
68	0.0	0.0	0.0





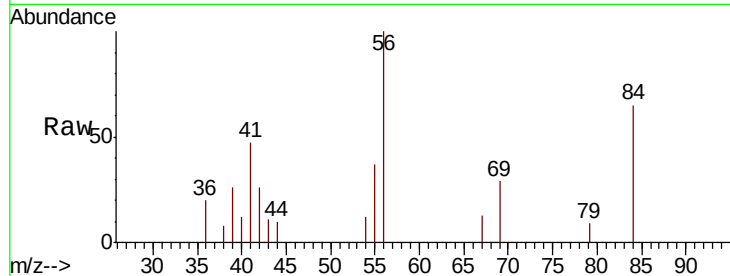
#29
Cyclohexane
Concen: 1.57 ug/L
RT: 5.00 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VU026434.D
Acq: 29 Aug 2018 20:10

Instrument :
MSVOA_U
ClientSampleId :
BEE03

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.0	36.0
84	38.0	67.2	100.8

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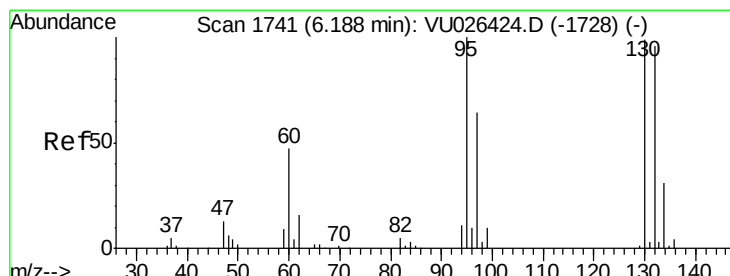
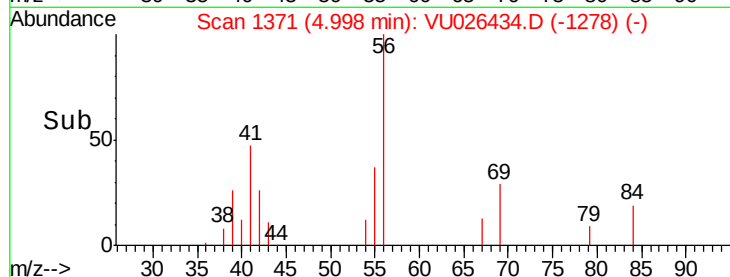
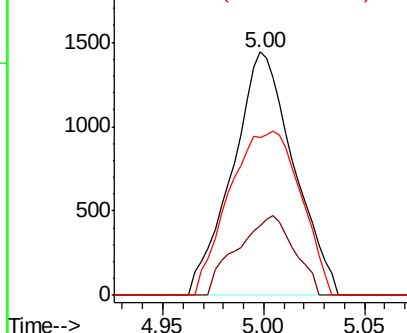


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#34
Trichloroethene
Concen: 4891.77 ug/L
RT: 6.20 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VU026434.D
Acq: 29 Aug 2018 20:10

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.7
132	94.3	67.5	125.3
130	97.7	69.3	128.7

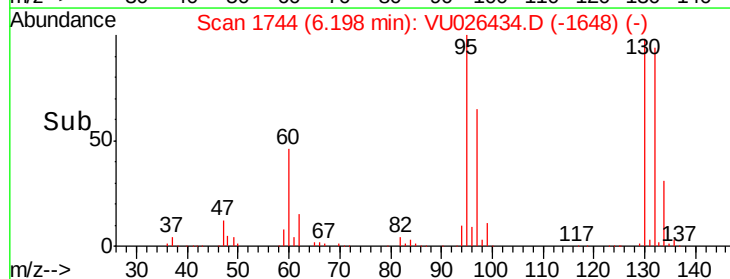
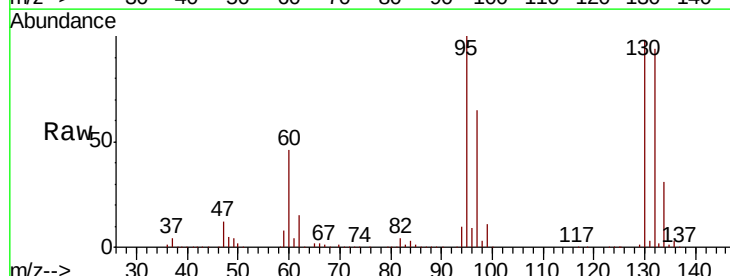
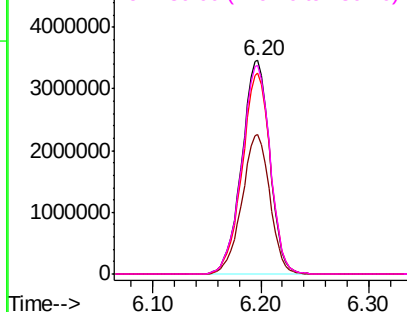
Abundance

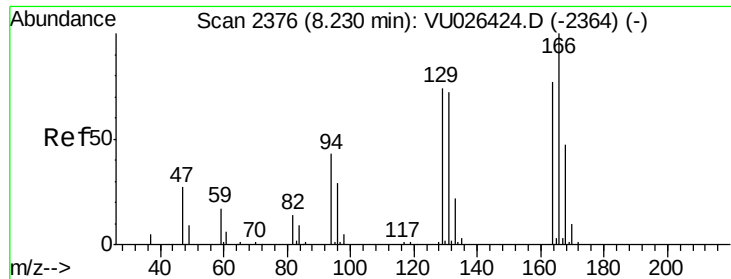
Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 83844.44 ug/L m

RT: 8.25 min Scan# 2383

Delta R.T. 0.02 min

Lab File: VU026434.D

Acq: 29 Aug 2018 20:10

Instrument :

MSVOA_U

ClientSampleId :

BEE03

Tot Ion:164 Resp:87794155

Ion Ratio Lower Upper

164 100

129 100.0 67.3 125.1

131 100.0 65.3 121.3

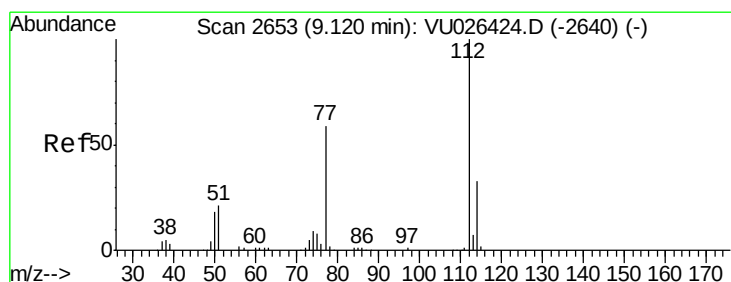
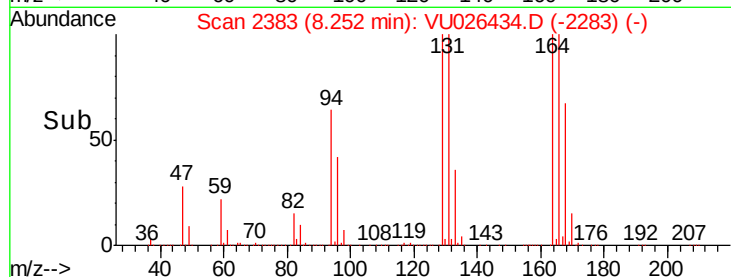
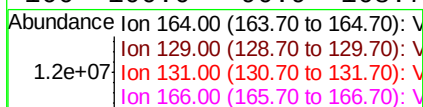
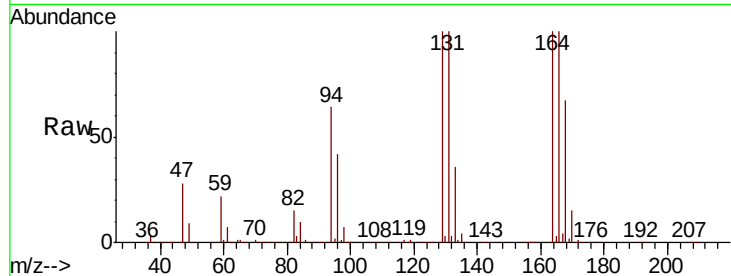
166 100.0 90.9 168.7

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#51

Chlorobenzene

Concen: 1.39 ug/L

RT: 9.13 min Scan# 2657

Delta R.T. 0.01 min

Lab File: VU026434.D

Acq: 29 Aug 2018 20:10

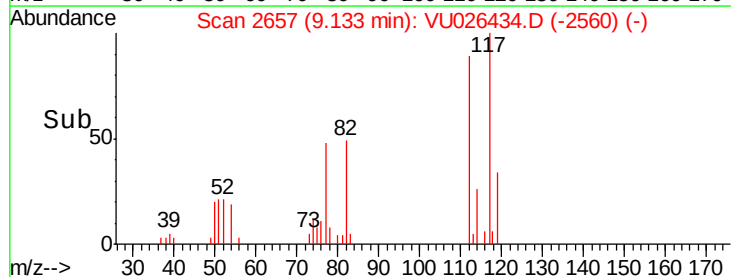
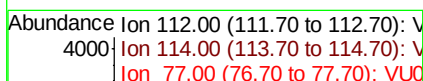
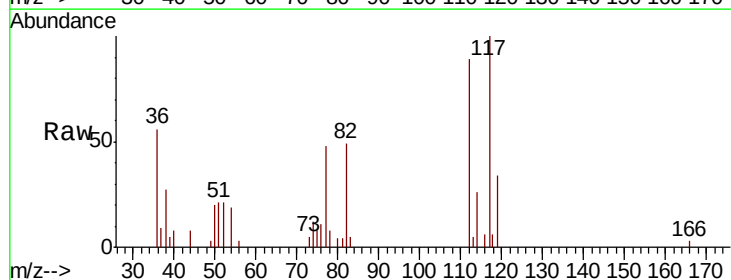
Tgt Ion:112 Resp: 4958

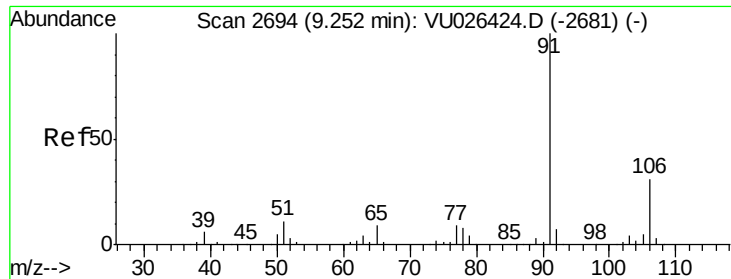
Ion Ratio Lower Upper

112 100

114 29.7 23.2 43.2

77 53.7 47.3 70.9





#52

Ethylbenzene

Concen: 1.37 ug/L

RT: 9.26 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU026434.D

Acq: 29 Aug 2018 20:10

Instrument :

MSVOA_U

ClientSampled :

BEE03

Tot Ion: 91 Resp: 7958

Ion Ratio Lower Upper

91 100

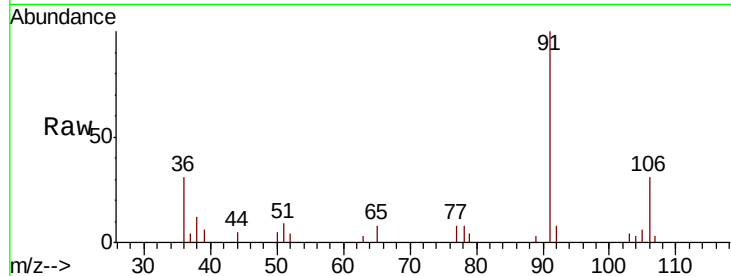
106 30.6 21.6 40.2

Manual Integrations

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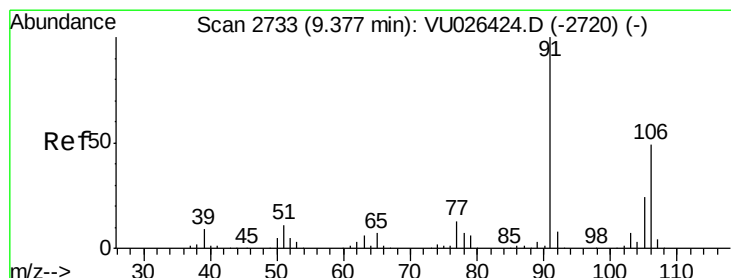
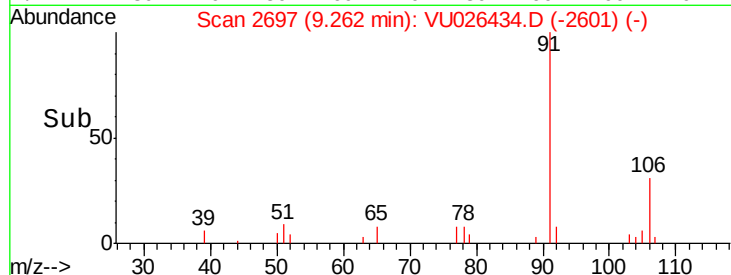


Abundance Ion 91.00 (90.70 to 91.70): VU026434.D (-2697) (-)

Ion 106.00 (105.70 to 106.70): VU026434.D (-2697) (-)

9.26

Time-->



#53

m,p-Xylene

Concen: 5.54 ug/L

RT: 9.38 min Scan# 2735

Delta R.T. 0.01 min

Lab File: VU026434.D

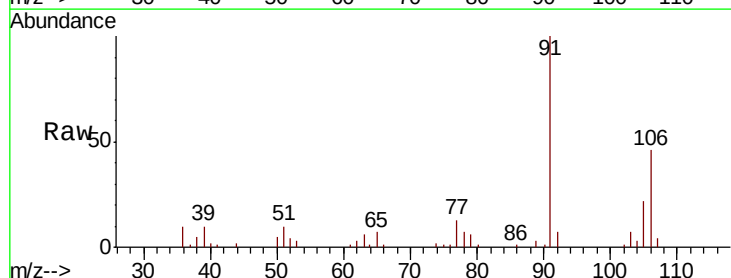
Acq: 29 Aug 2018 20:10

Tgt Ion: 106 Resp: 11996

Ion Ratio Lower Upper

106 100

91 215.2 143.0 265.6

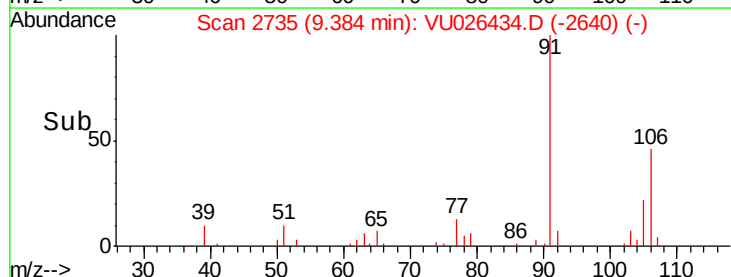


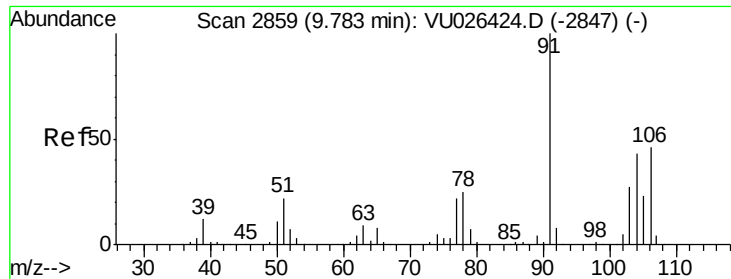
Abundance Ion 106.00 (105.70 to 106.70): VU026434.D (-2735) (-)

Ion 91.00 (90.70 to 91.70): VU026434.D (-2735) (-)

9.38

Time-->





#54

o-xylene

Concen: 3.44 ug/L

RT: 9.79 min Scan# 2861

Delta R.T. 0.01 min

Lab File: VU026434.D

Acq: 29 Aug 2018 20:10

Instrument :

MSVOA_U

ClientSampled :

BEE03

Tot Ion:106 Resp: 7248

Ion Ratio Lower Upper

106 100

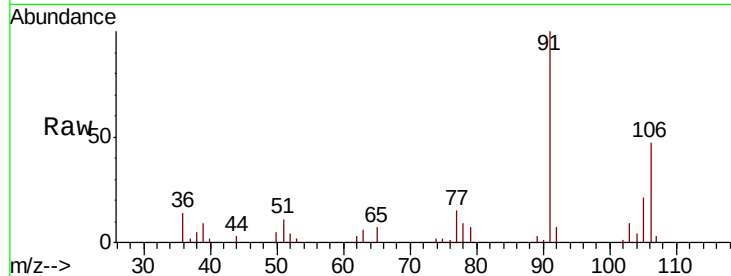
91 211.8 153.3 284.7

Manual Integrations

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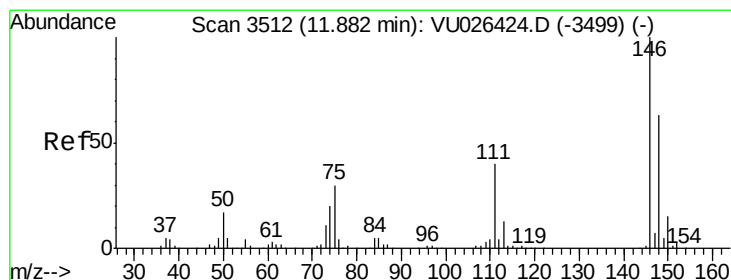
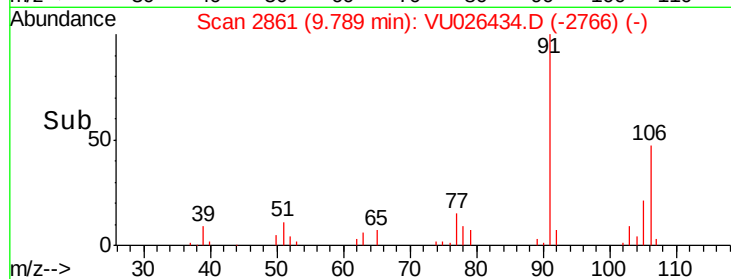
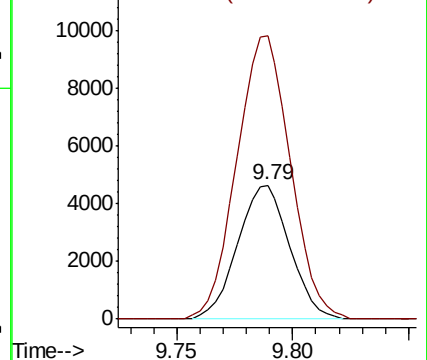
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

1,2-Dichlorobenzene

Concen: 6.49 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU026434.D

Acq: 29 Aug 2018 20:10

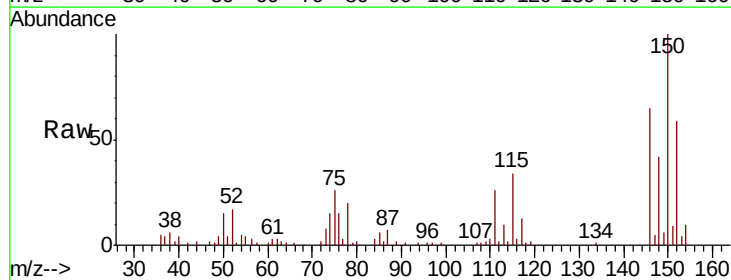
Tgt Ion:146 Resp: 18611

Ion Ratio Lower Upper

146 100

111 40.8 32.0 48.0

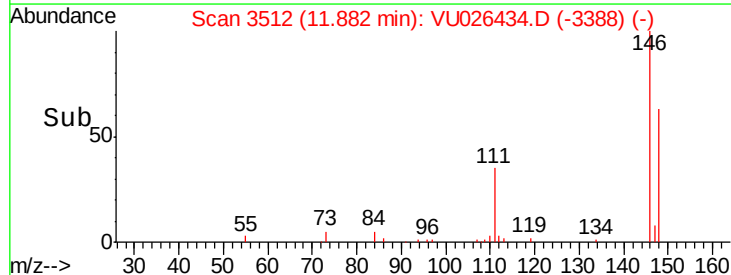
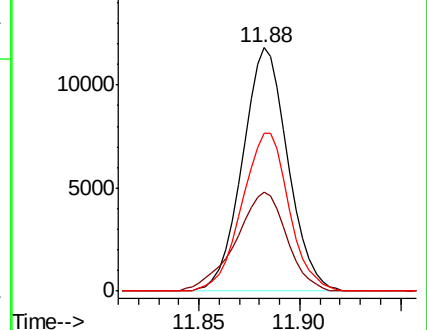
148 64.6 50.2 75.2

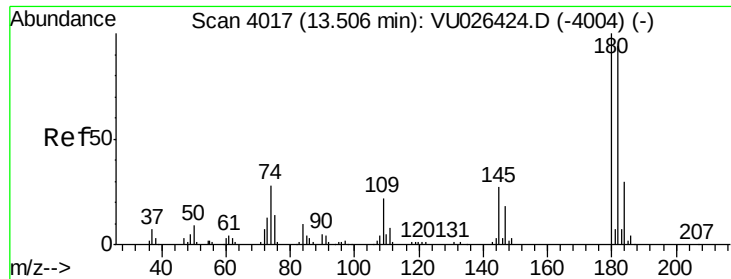


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 1.46 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026434.D
 Acq: 29 Aug 2018 20:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE03

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.6	114.8
145	23.1	22.4	33.6

Manual Integrations
 APPROVED

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 8/30/2018 11:41:15 AM

