

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030661.D
 Acq On : 04 Apr 2019 04:59
 Operator : JC/SP
 Sample : K2215-19
 Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 08:07:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	462910	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212959	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107763	28.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.86%#
7) Chloroethane-d5	1.70	69	476	0.16	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.32%#
11) 1,1-Dichloroethene-d2	2.23	63	158548	22.44	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.88%#
21) 2-Butanone-d5	4.19	46	210516	60.11	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.11%
24) Chloroform-d	4.64	84	189862	29.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.16%#
26) 1,2-Dichloroethane-d4	5.30	65	127726	30.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.82%#
32) Benzene-d6	5.33	84	404281	31.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.36%#
36) 1,2-Dichloropropane-d6	6.32	67	134181	30.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	61.46%#
41) Toluene-d8	7.56	98	353778	30.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.72%#
43) trans-1,3-Dichloropropene-	7.85	79	58314	28.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.80%#
47) 2-Hexanone-d5	8.32	63	139888	59.12	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	59.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	194236	31.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.16%#
64) 1,2-Dichlorobenzene-d4	11.86	152	128879	30.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.40%#

Target Compounds

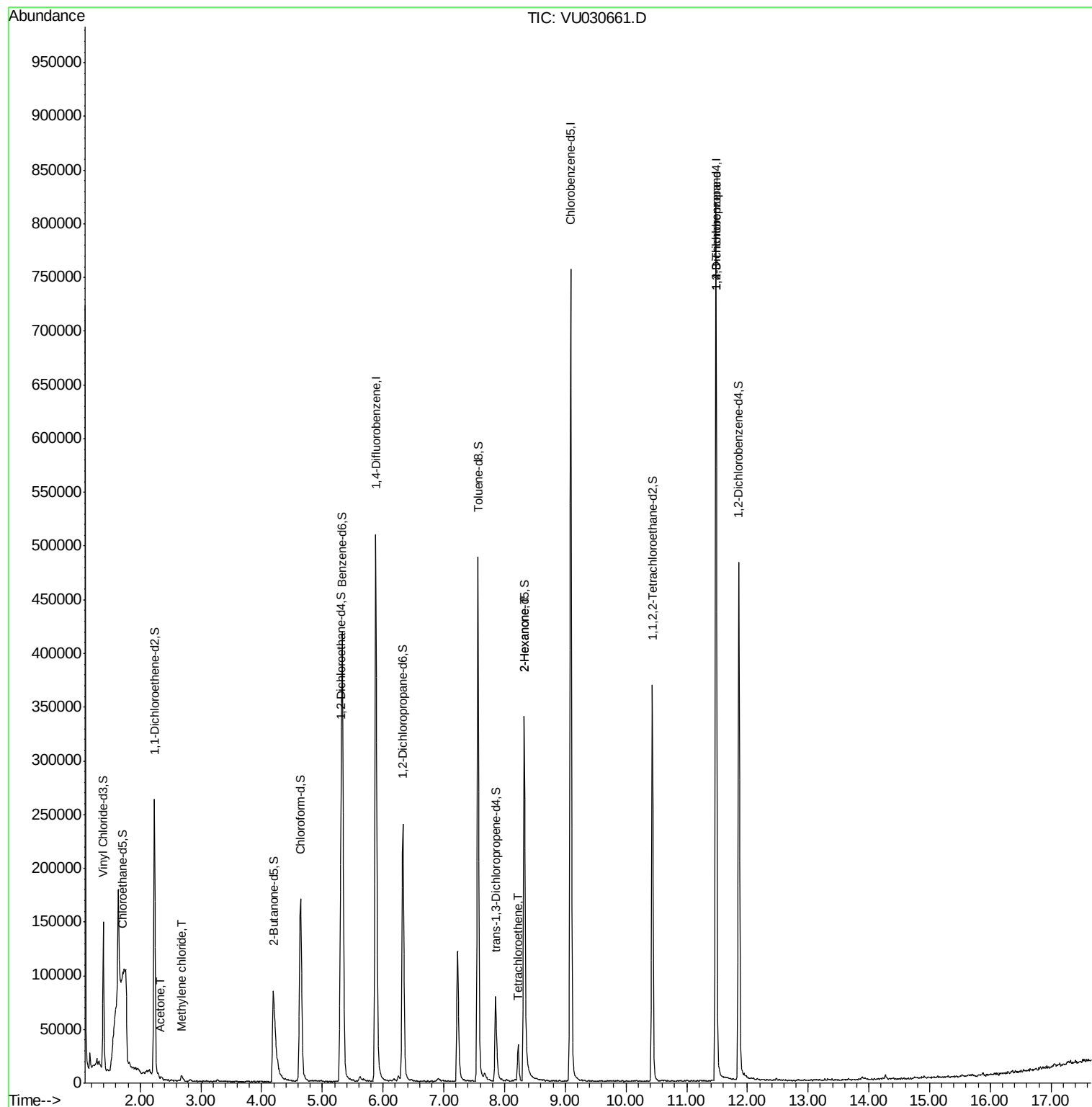
					Ovalue
13) Acetone	2.33	43	1953	0.551 ug/L	81
16) Methylene chloride	2.68	84	2473	0.633 ug/L	96
46) Tetrachloroethene	8.23	164	7935	3.050 ug/L	85
48) 2-Hexanone	8.32	43	16269	2.749 ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	25727	4.916 ug/L	92

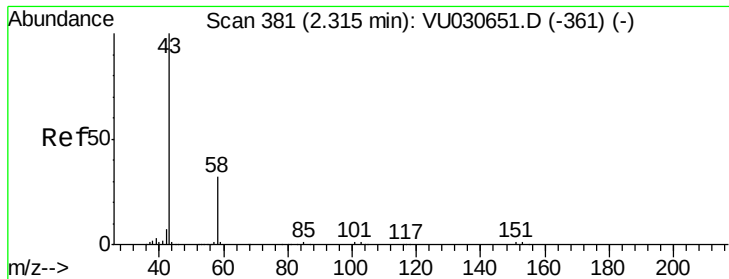
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.551 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.02 min

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Acq: 04 Apr 2019 04:59

Instrument :

MSVOA_U

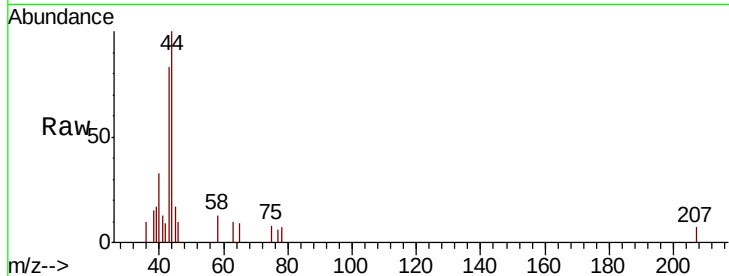
ClientSampleId :

Tot Ion: 43 Resp: 1953

Ion Ratio Lower Upper

43 100

58 21.0 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030661.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU030661.D (-361) (-)

2.33

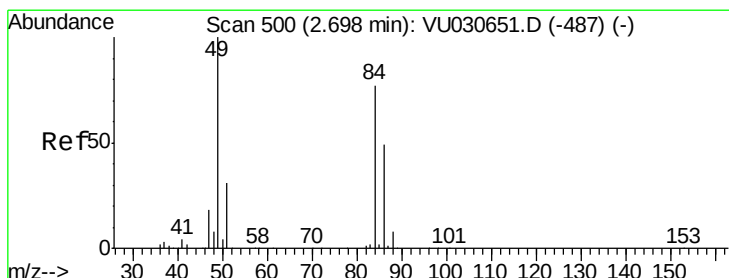
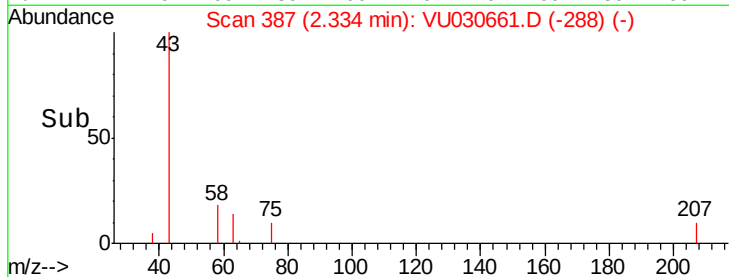
1500

1000

500

0

Time--> 2.28 2.30 2.32 2.34 2.36



#16

Methylene chloride

Concen: 0.633 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.01 min

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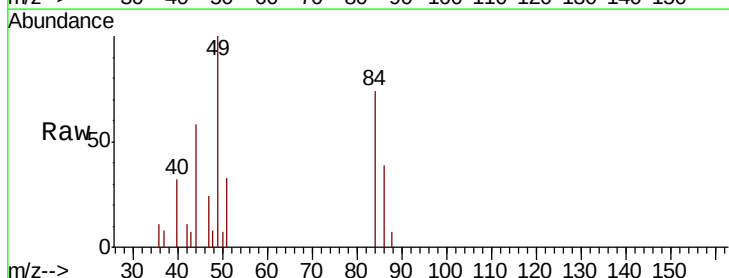
Tgt Ion: 84 Resp: 2473

Ion Ratio Lower Upper

84 100

86 53.0 44.3 82.3

49 135.3 94.9 176.3



Abundance Ion 84.00 (83.70 to 84.70): VU030661.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU030661.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU030661.D (-487) (-)

2000

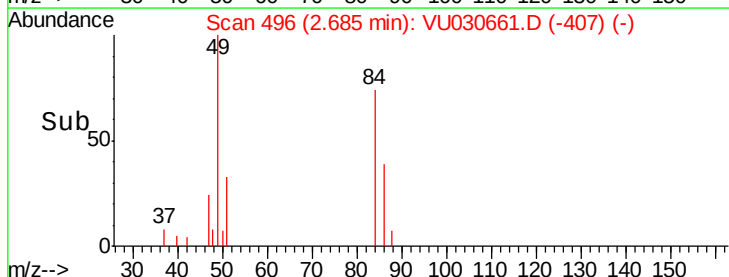
1500

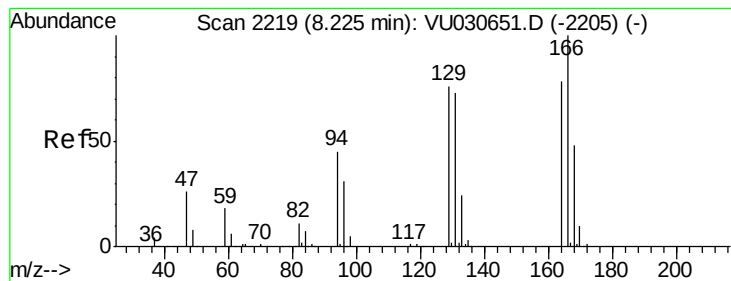
1000

500

0

Time--> 2.65 2.70





#46

Tetrachloroethene

Concen: 3.050 ug/L

RT: 8.23 min Scan# 2220

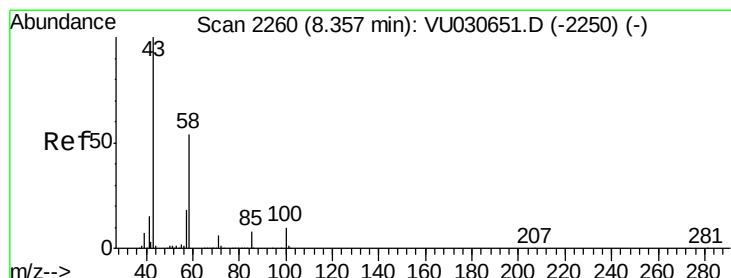
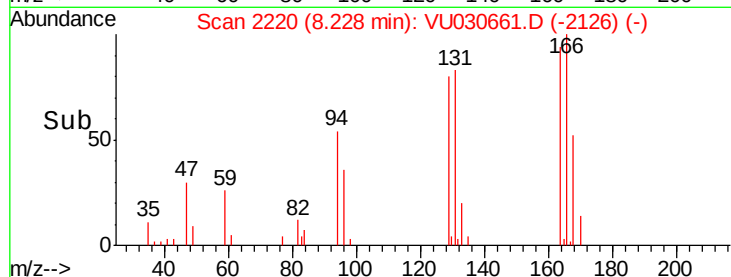
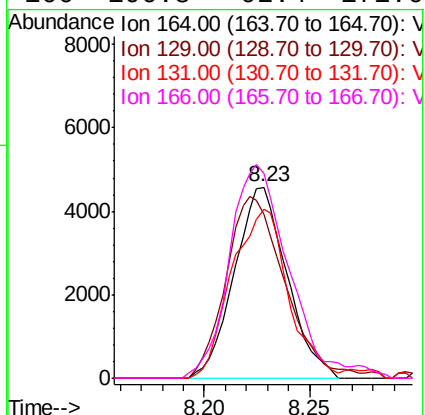
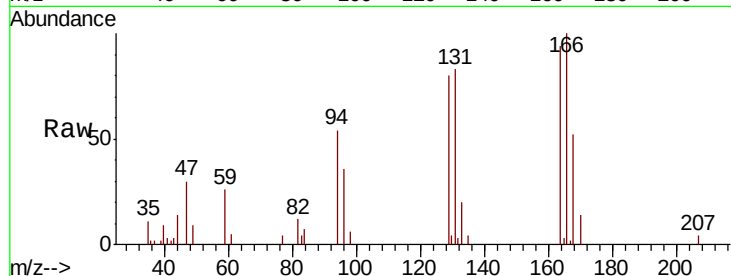
Delta R.T. 0.00 min

Lab File: VU030661.D

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Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	164	Resp:	7935
Ion	Ratio	Lower	Upper
164	100		
129	85.7	68.1	126.5
131	88.4	67.7	125.7
166	106.8	92.4	171.6



#48

2-Hexanone

Concen: 2.749 ug/L

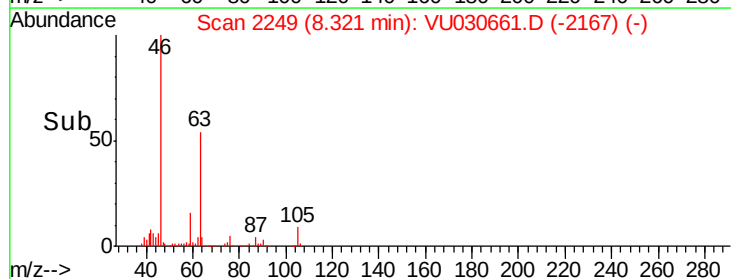
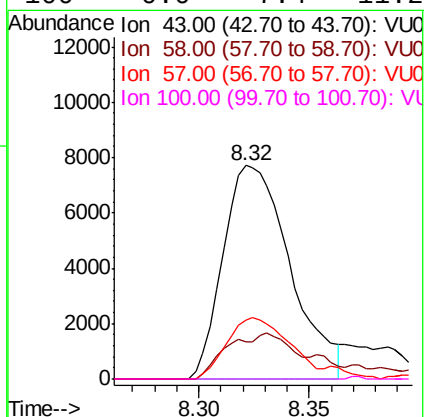
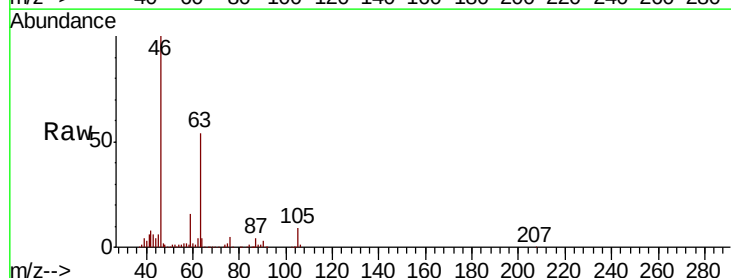
RT: 8.32 min Scan# 2249

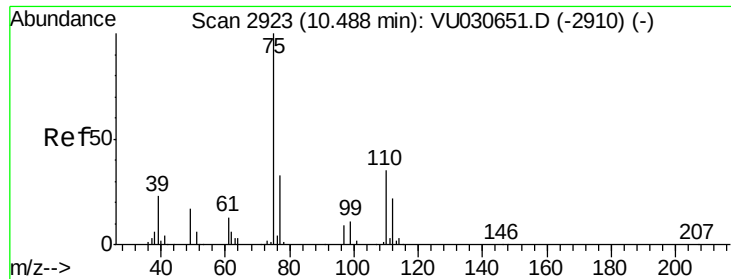
Delta R.T. -0.04 min

Lab File: VU030661.D

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Tgt Ion:	43	Resp:	16269
Ion	Ratio	Lower	Upper
43	100		
58	8.0	42.5	63.7#
57	26.3	15.0	22.6#
100	0.0	7.4	11.2#





#59

1,2,3-Trichloropropane

Concen: 4.916 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030661.D

Acq: 04 Apr 2019 04:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 25727

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2

