

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037914.D
 Acq On : 29 Apr 2020 16:13
 Operator : JC/MD
 Sample : L2411-01
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 01:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	651126	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	637525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	295686	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188904	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.40%
7) Chloroethane-d5	1.93	69	178295	40.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.88%
11) 1,1-Dichloroethene-d2	2.59	63	259305	28.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.32%#
21) 2-Butanone-d5	4.66	46	433744	96.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	5.10	84	373863	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	5.74	65	261801	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
32) Benzene-d6	5.76	84	764693	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
36) 1,2-Dichloropropane-d6	6.72	67	264346	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.68%
41) Toluene-d8	7.92	98	691486	41.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.46%
43) trans-1,3-Dichloropropene-	8.20	79	125777	40.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.06%
47) 2-Hexanone-d5	8.65	63	350262	106.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	387950	46.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.48%
64) 1,2-Dichlorobenzene-d4	12.20	152	258137	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%

Target Compounds

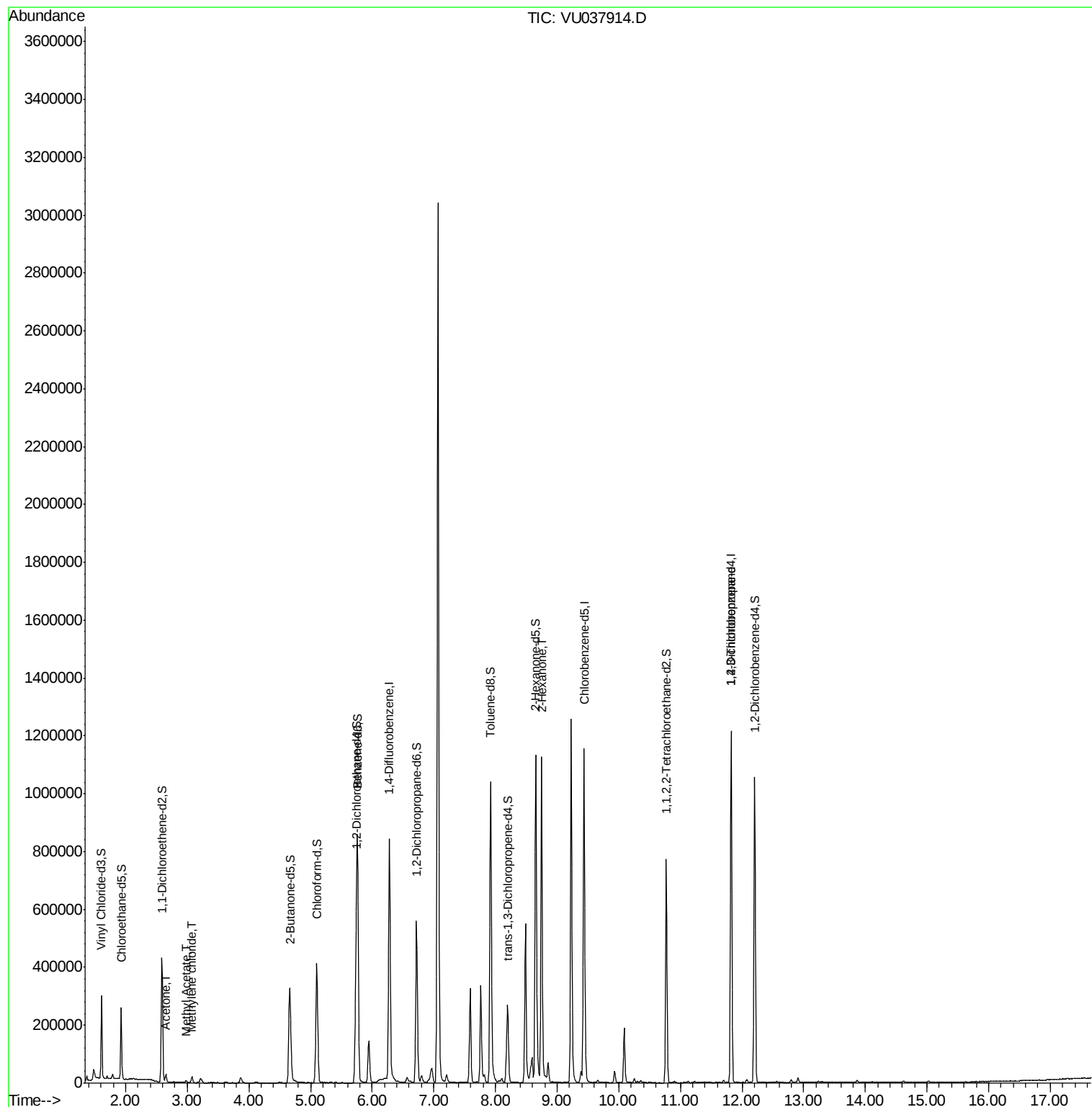
					Ovalue
13) Acetone	2.65	43	31313	11.643 ug/L	99
15) Methyl Acetate	2.98	43	8496	1.307 ug/L #	86
16) Methylene chloride	3.08	84	9518	2.026 ug/L	91
48) 2-Hexanone	8.75	43	157346	21.652 ug/L #	1
59) 1,2,3-Trichloropropane	11.82	75	41196	5.803 ug/L	90

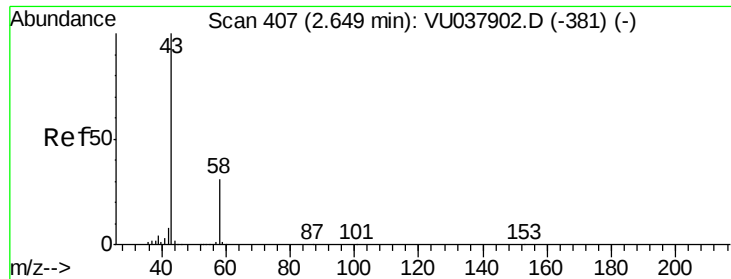
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.643 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037914.D

Acq: 29 Apr 2020 16:13

Instrument :

MSVOA_U

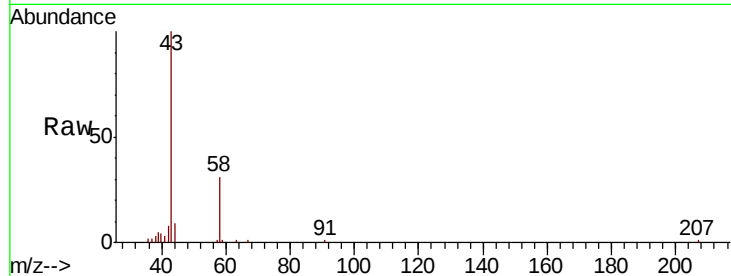
ClientSampleId :

Tot Ion: 43 Resp: 31313

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037914.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VU037914.D (-314) (-)

2.65

20000

15000

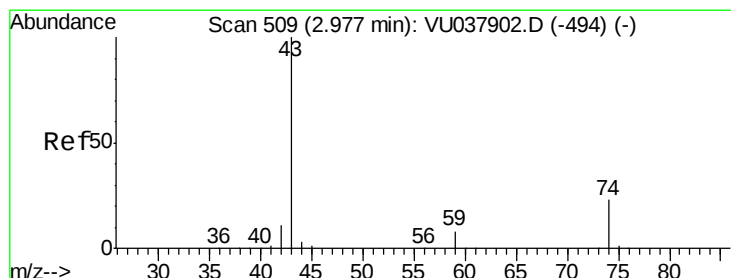
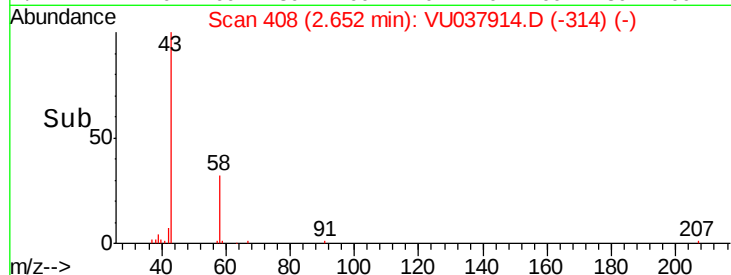
10000

5000

0

2.60 2.65 2.70 2.75

Time-->



#15

Methyl Acetate

Concen: 1.307 ug/L

RT: 2.98 min Scan# 510

Delta R.T. 0.00 min

Lab File: VU037914.D

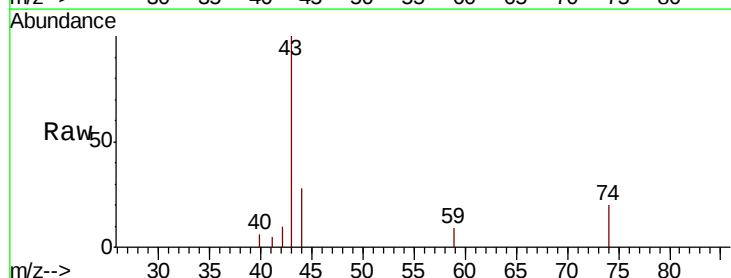
Acq: 29 Apr 2020 16:13

Tgt Ion: 43 Resp: 8496

Ion Ratio Lower Upper

43 100

74 14.8 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VU037914.D (-416) (-)

Ion 74.00 (73.70 to 74.70): VU037914.D (-416) (-)

2.98

5000

4000

3000

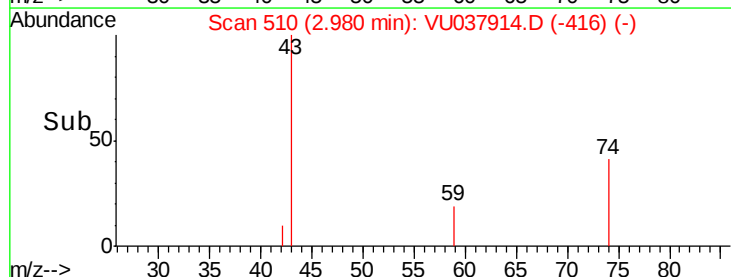
2000

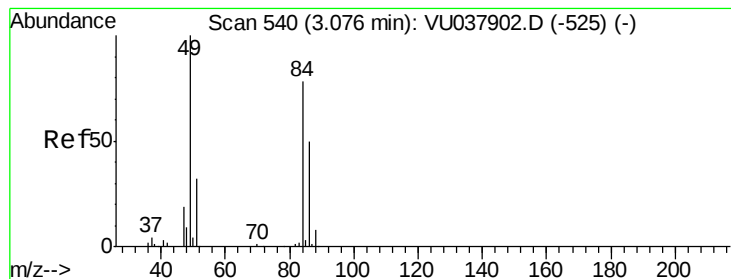
1000

0

2.95 3.00 3.05

Time-->





#16

Methvlene chloride

Concen: 2.026 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037914.D

Acq: 29 Apr 2020 16:13

Instrument :

MSVOA_U

ClientSampleId :

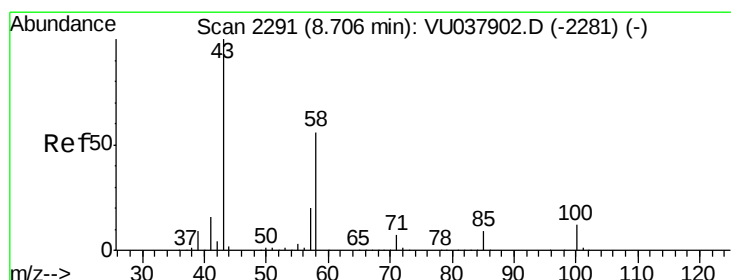
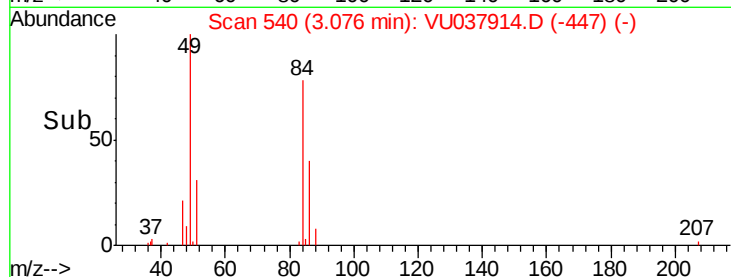
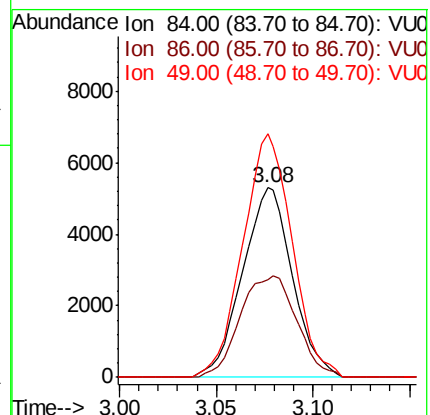
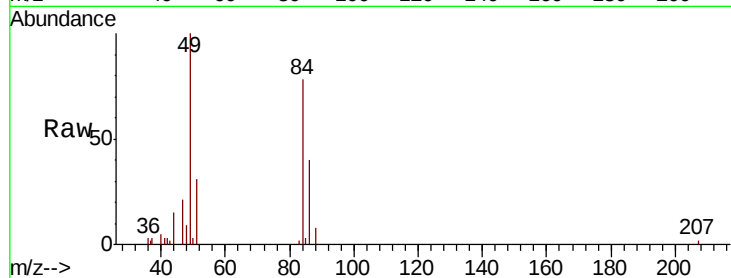
Tot Ion: 84 Resp: 9518

Ion Ratio Lower Upper

84 100

86 51.2 43.5 80.7

49 128.3 95.1 176.7



#48

2-Hexanone

Concen: 21.652 ug/L

RT: 8.75 min Scan# 2304

Delta R.T. 0.04 min

Lab File: VU037914.D

Acq: 29 Apr 2020 16:13

Tgt Ion: 43 Resp: 157346

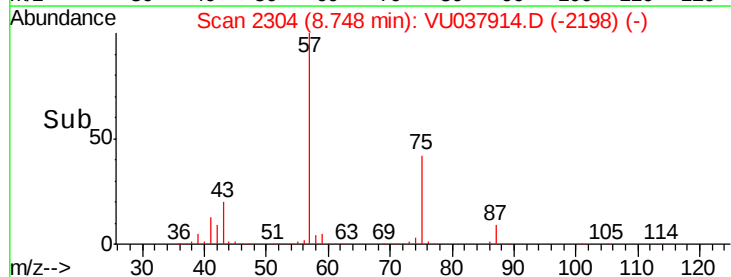
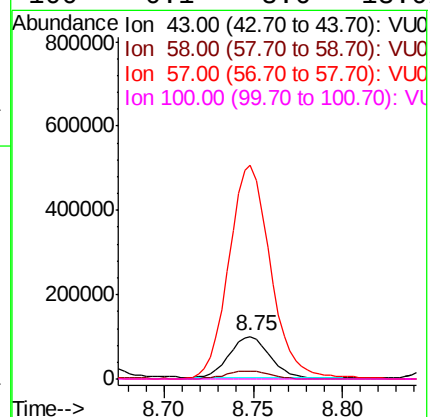
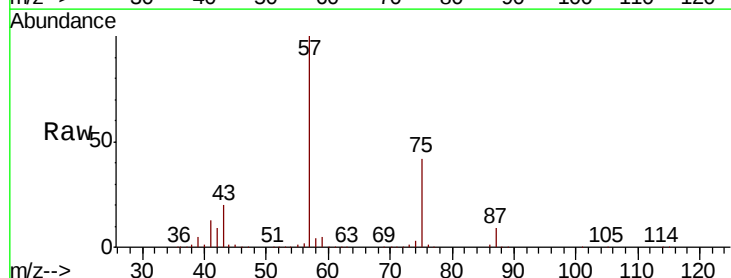
Ion Ratio Lower Upper

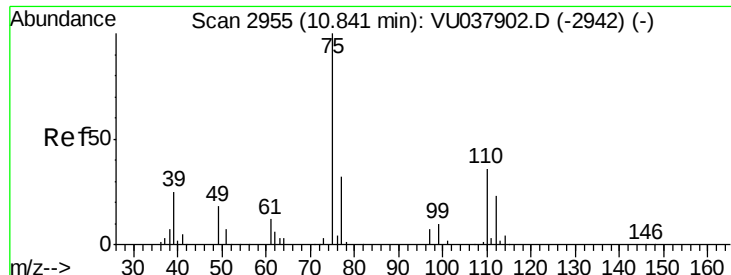
43 100

58 18.7 42.6 63.8#

57 529.1 14.6 22.0#

100 0.1 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 5.803 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037914.D

Acq: 29 Apr 2020 16:13

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 41196

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6

