

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102619\
 Data File : VU035518.D
 Acq On : 26 Oct 2019 15:11
 Operator : JC/SP
 Sample : PB124318TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

Quant Time: Oct 30 01:37:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	644136	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	601419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	182951	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	225105	44.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.62%
7) Chloroethane-d5	1.93	69	192238	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.12%
11) 1,1-Dichloroethene-d2	2.60	63	287173	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.66%
21) 2-Butanone-d5	4.69	46	322465	96.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	5.11	84	377671	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
26) 1,2-Dichloroethane-d4	5.75	65	248804	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
32) Benzene-d6	5.77	84	789402	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	6.74	67	263075	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.34%
41) Toluene-d8	7.93	98	714876	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%
43) trans-1,3-Dichloropropene-	8.21	79	121293	49.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.82%
47) 2-Hexanone-d5	8.68	63	213085	110.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.01%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	338718	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	185074	51.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.88%

Target Compounds

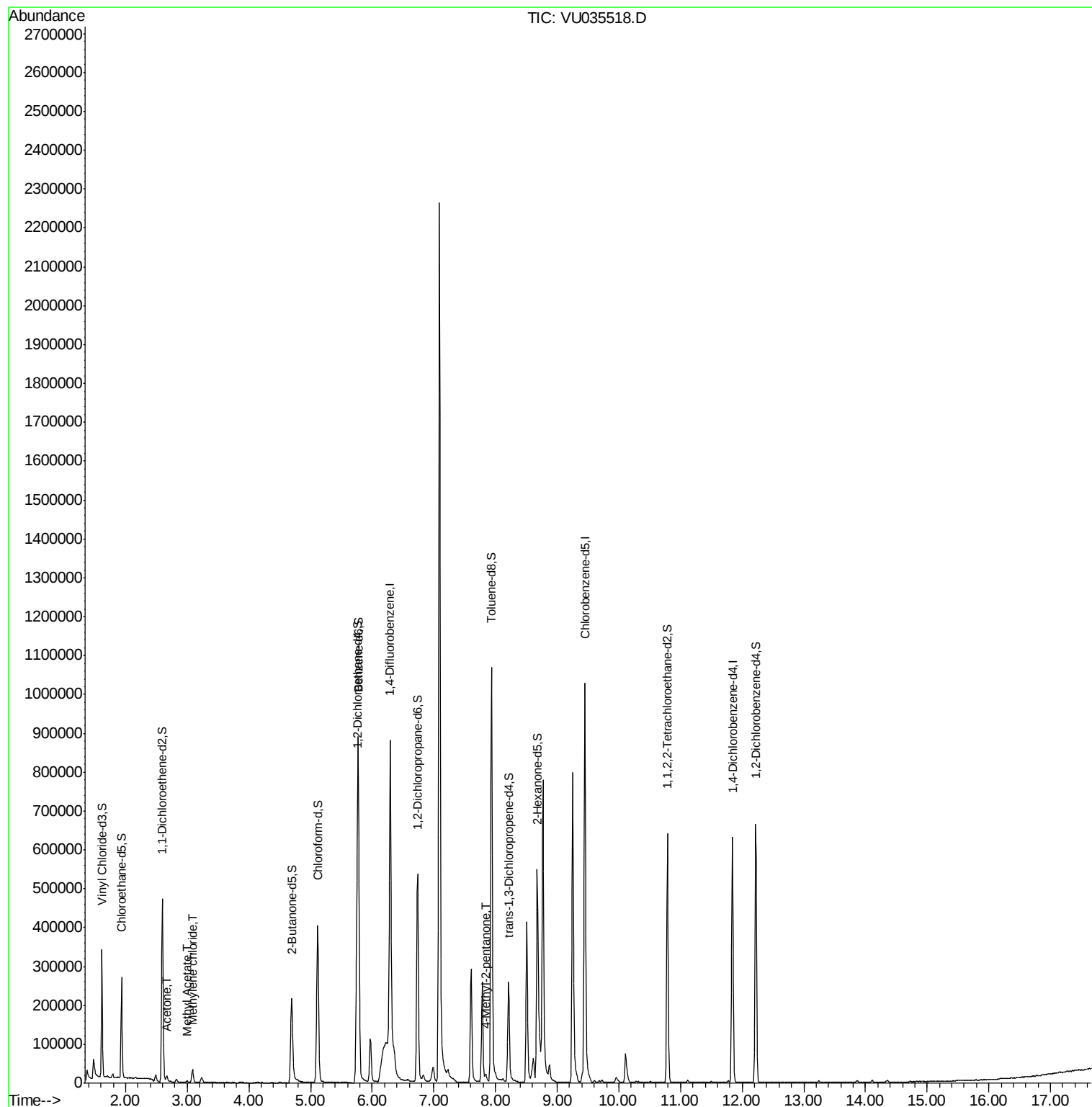
					Ovalue
13) Acetone	2.67	43	16806	5.005 ug/L	97
15) Methyl Acetate	3.00	43	5866	1.063 ug/L #	76
16) Methylene chloride	3.09	84	16286	3.211 ug/L	91
40) 4-Methyl-2-pentanone	7.84	43	13217	1.955 ug/L #	97

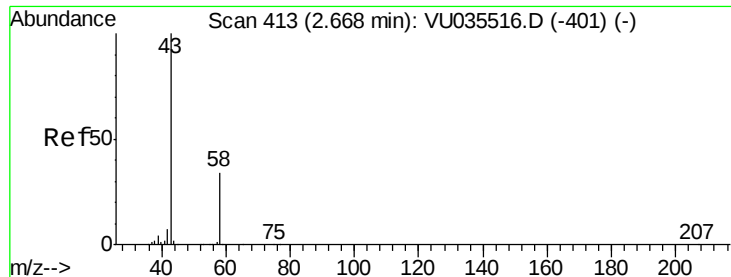
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.005 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035518.D

Acq: 26 Oct 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

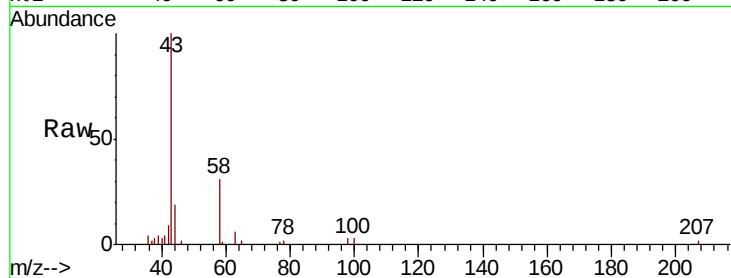
VLEB01

Tot Ion: 43 Resp: 16806

Ion Ratio Lower Upper

43 100

58 31.7 0.0 66.6



Abundance Ion 43.00 (42.70 to 43.70): VU035518.D (-320) (-)

Ion 58.00 (57.70 to 58.70): VU035518.D (-320) (-)

2.67

10000

8000

6000

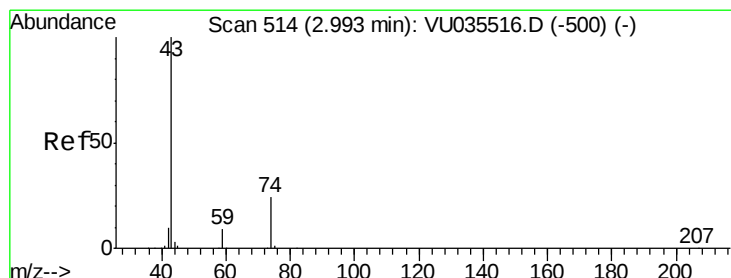
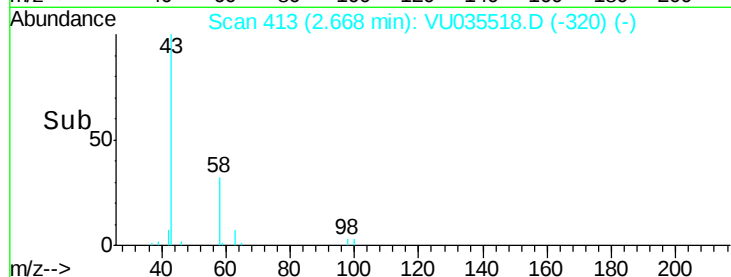
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#15

Methyl Acetate

Concen: 1.063 ug/L

RT: 3.00 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU035518.D

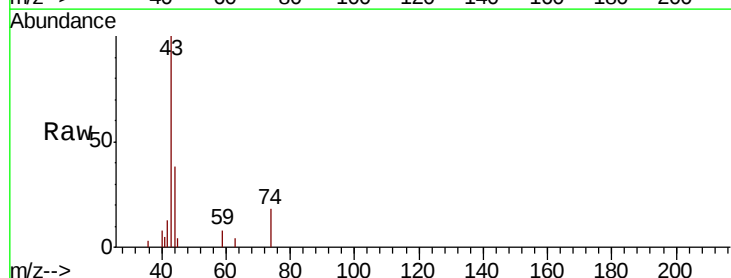
Acq: 26 Oct 2019 15:11

Tgt Ion: 43 Resp: 5866

Ion Ratio Lower Upper

43 100

74 12.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VU035518.D (-421) (-)

Ion 74.00 (73.70 to 74.70): VU035518.D (-421) (-)

3.00

4000

3000

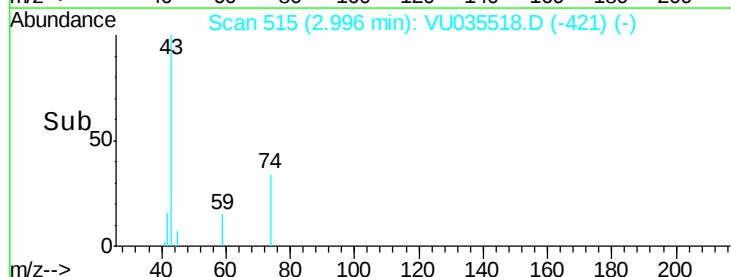
2000

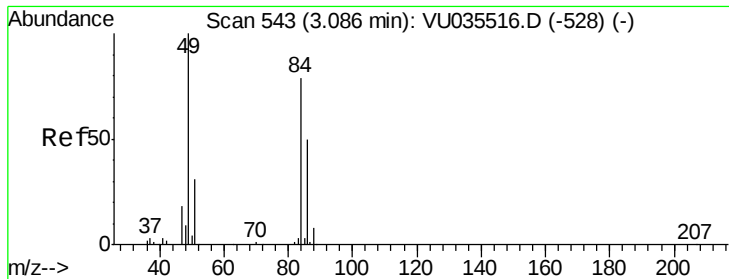
1000

0

Time-->

2.95 3.00 3.05

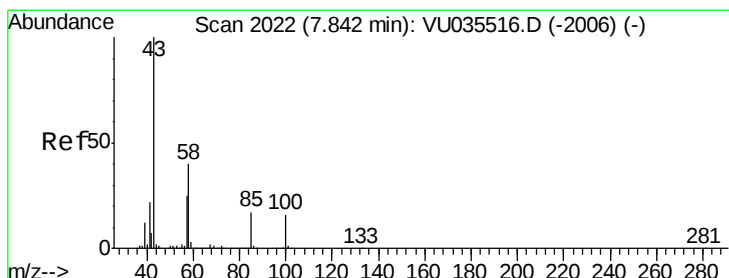
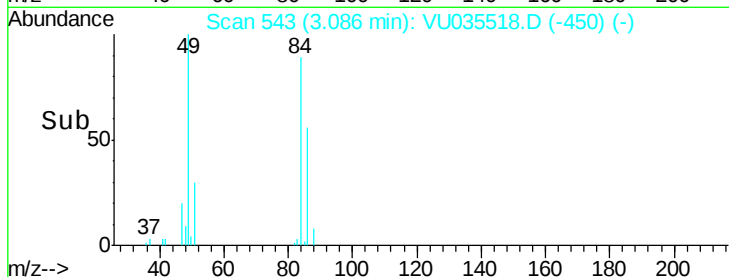
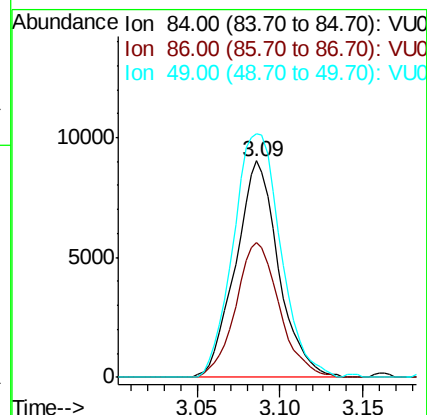
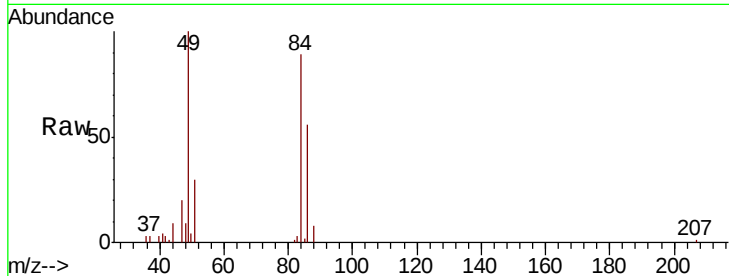




#16
Methylene chloride
Concen: 3.211 ug/L
RT: 3.09 min Scan# 543
Delta R.T. -0.00 min
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Instrument :
MSVOA_U
ClientSampled :
VLEB01

Tot Ion: 84 Resp: 16286
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 112.6 88.3 163.9



#40
4-Methyl-2-pentanone
Concen: 1.955 ug/L
RT: 7.84 min Scan# 2022
Delta R.T. -0.00 min
Lab File: VU035518.D
Acq: 26 Oct 2019 15:11

Tgt Ion: 43 Resp: 13217
Ion Ratio Lower Upper
43 100
58 39.2 31.9 47.9
100 11.9 12.3 18.5#

