

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035335.D
 Acq On : 21 Oct 2019 21:20
 Operator : JC/SP
 Sample : K5421-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA7

Quant Time: Oct 22 07:21:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 06:40:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	279852	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270129	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97433	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	76018	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.94	69	76978	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.60	63	108330	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.71	46	265436	54.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.26%
24) Chloroform-d	5.11	84	162356	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.75	65	91535	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.77	84	308088	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.74	67	107089	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.93	98	276435	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.22	79	39791	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.69	63	206654	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92466	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	91966	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

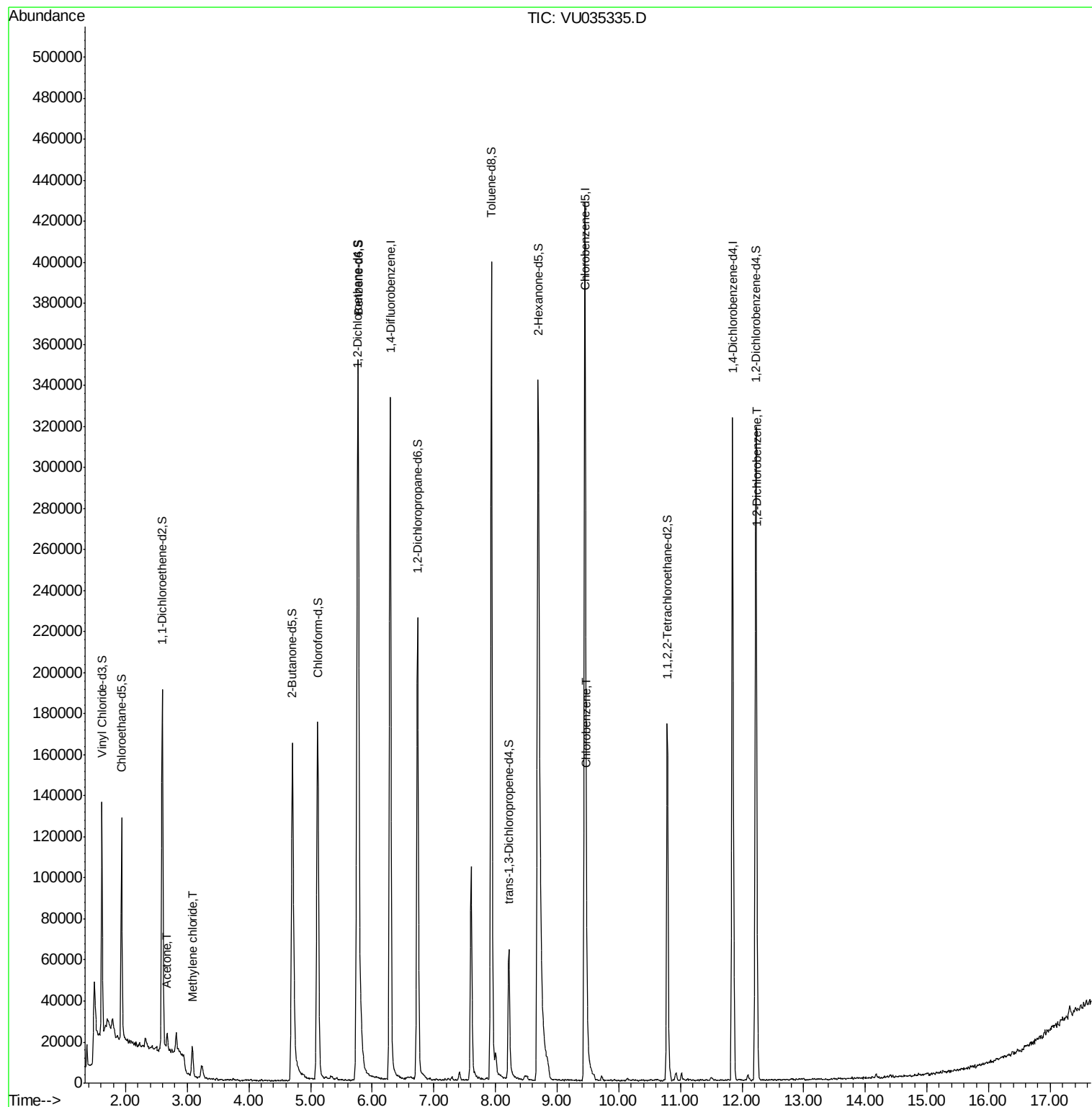
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	8653	2.537	ug/L	88
16) Methylene chloride	3.08	84	6968	0.322	ug/L	98
51) Chlorobenzene	9.48	112	19095	0.337	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	12767	0.409	ug/L	94

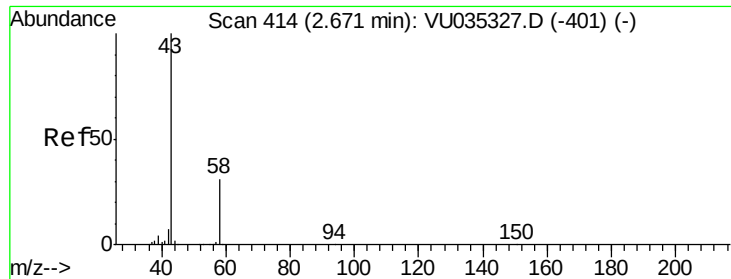
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.537 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

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Acq: 21 Oct 2019 21:20

Instrument :

MSVOA_U

ClientSampleId :

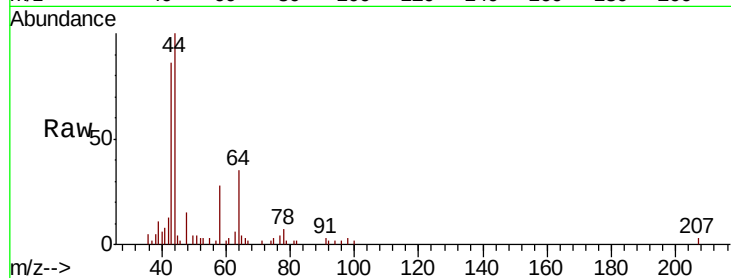
C0AA7

Tot Ion: 43 Resp: 8653

Ion Ratio Lower Upper

43 100

58 37.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

6000

5000

4000

3000

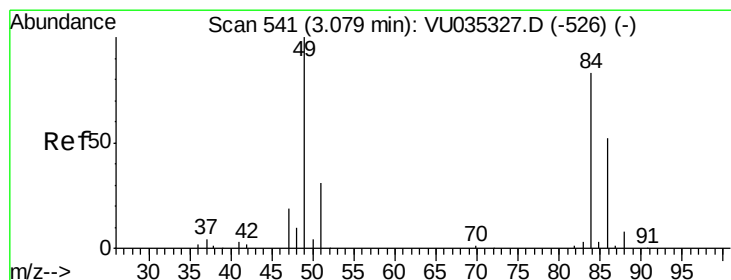
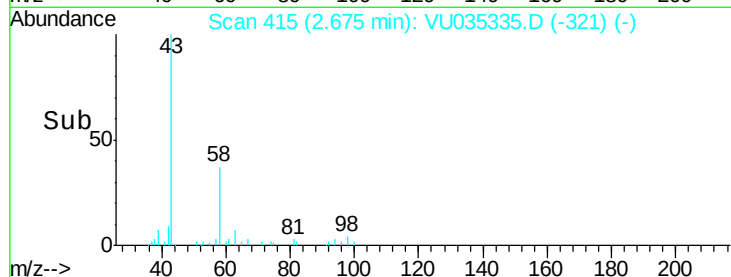
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.322 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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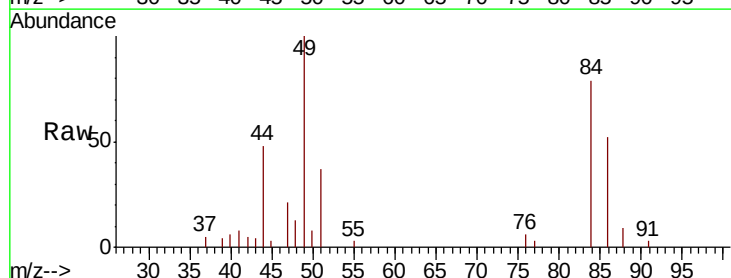
Tgt Ion: 84 Resp: 6968

Ion Ratio Lower Upper

84 100

86 65.5 45.4 84.2

49 127.1 86.8 161.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

6000

5000

4000

3000

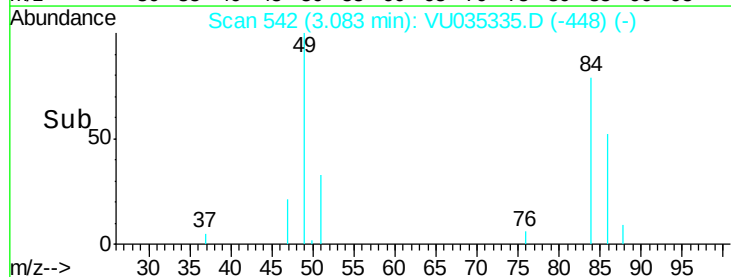
2000

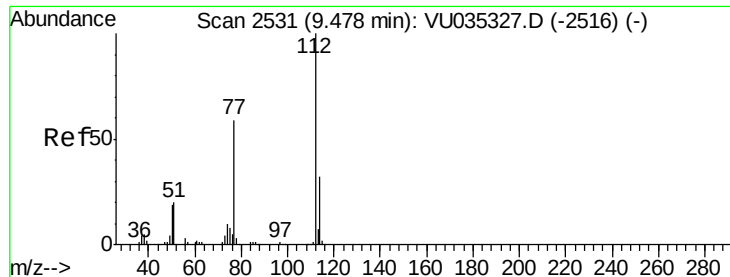
1000

0

Time-->

3.05 3.10 3.15





#51

Chlorobenzene

Concen: 0.337 ug/L

RT: 9.48 min Scan# 2532

Delta R.T. 0.00 min

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Acq: 21 Oct 2019 21:20

Instrument :

MSVOA_U

ClientSampled :

C0AA7

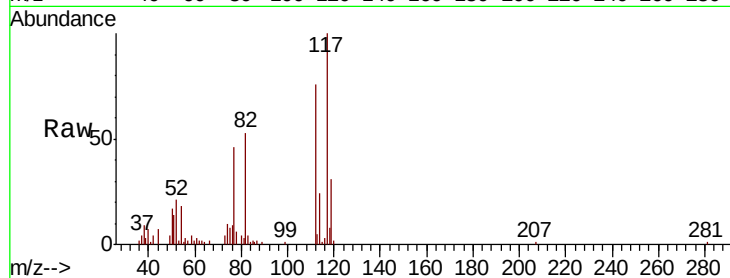
Tot Ion:112 Resp: 19095

Ion Ratio Lower Upper

112 100

114 31.7 23.0 42.8

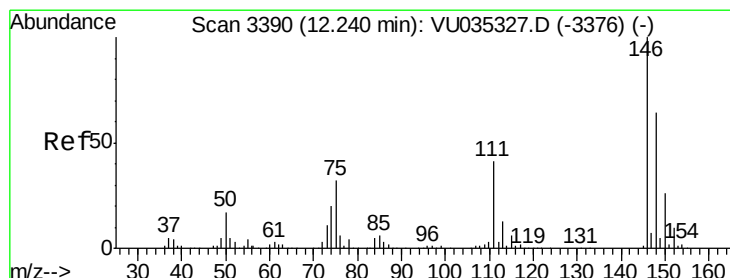
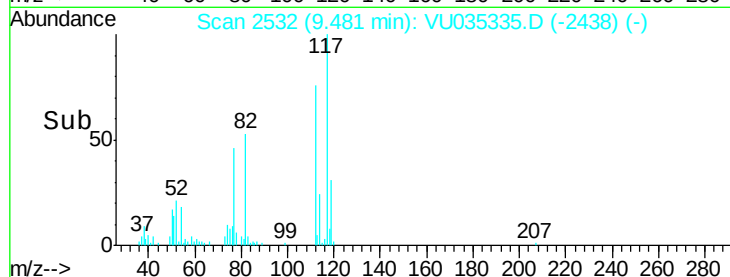
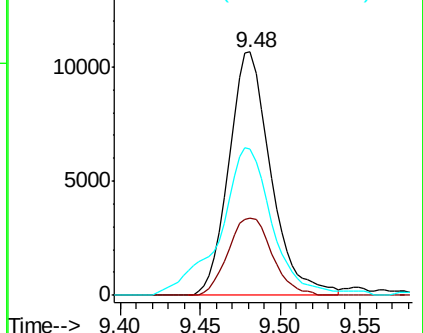
77 59.9 47.5 71.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#65

1,2-Dichlorobenzene

Concen: 0.409 ug/L

RT: 12.24 min Scan# 3391

Delta R.T. 0.00 min

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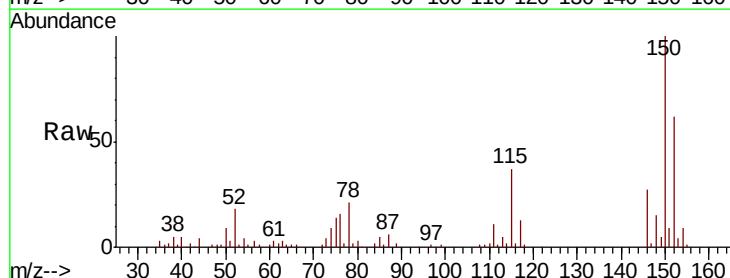
Tgt Ion:146 Resp: 12767

Ion Ratio Lower Upper

146 100

111 42.2 33.0 49.6

148 57.3 51.0 76.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

