

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035670.D
 Acq On : 07 Nov 2019 19:22
 Operator : JC/SP
 Sample : K5739-03DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CR1DL

Quant Time: Nov 08 07:22:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	703018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	684097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	204007	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	259465	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	219817	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.96%
11) 1,1-Dichloroethene-d2	2.60	63	309795	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
21) 2-Butanone-d5	4.69	46	318899	96.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.15%
24) Chloroform-d	5.11	84	416170	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.75	65	258665	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.77	84	882231	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.74	67	287058	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.28%
41) Toluene-d8	7.93	98	808885	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	8.21	79	124425	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
47) 2-Hexanone-d5	8.68	63	197136	88.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.95%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	376859	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	12.22	152	211972	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds

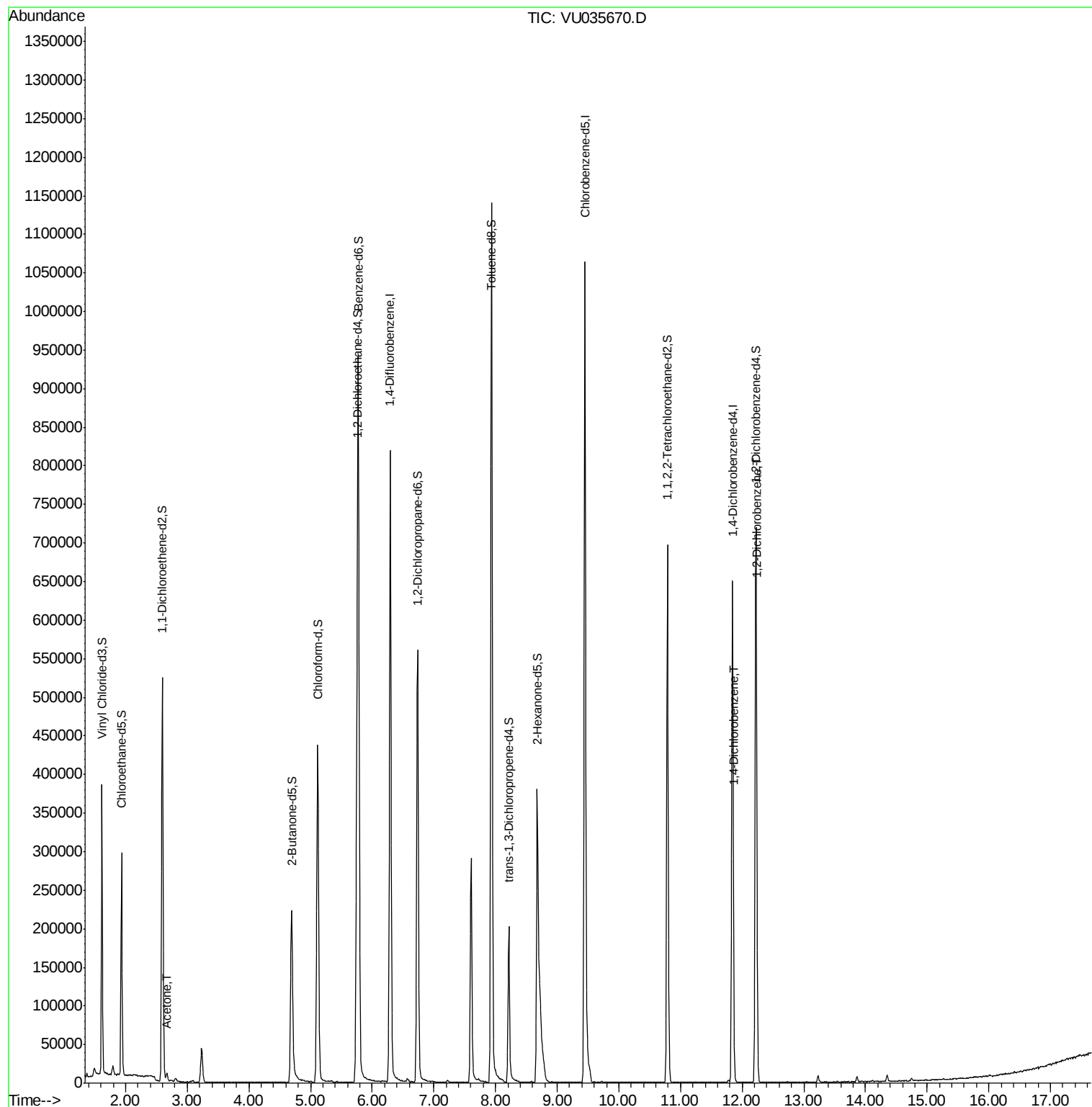
					Ovalue
13) Acetone	2.67	43	9715	3.329 ug/L	97
63) 1,4-Dichlorobenzene	11.87	146	8011	1.225 ug/L	89
65) 1,2-Dichlorobenzene	12.24	146	43460	6.633 ug/L	97

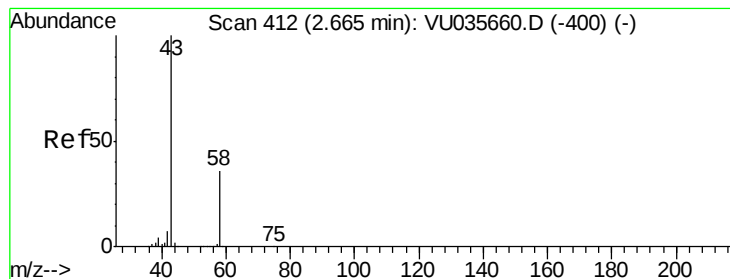
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.329 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU035670.D

Acq: 07 Nov 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

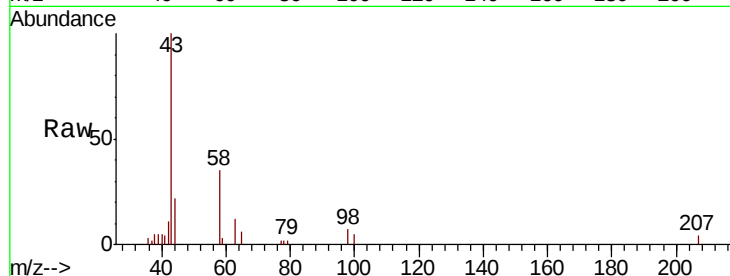
C0CR1DL

Tot Ion: 43 Resp: 9715

Ion Ratio Lower Upper

43 100

58 33.3 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035660.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035660.D (-400) (-)

2.67

6000

5000

4000

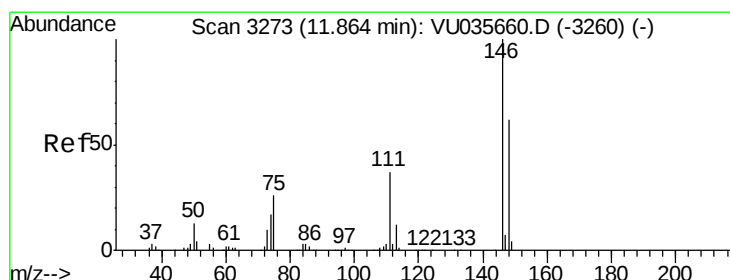
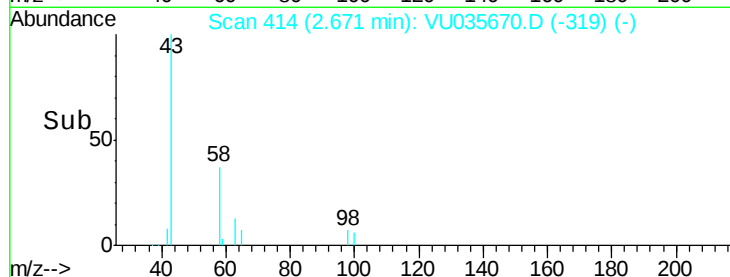
3000

2000

1000

0

Time--> 2.60 2.65 2.70



#63

1,4-Dichlorobenzene

Concen: 1.225 ug/L

RT: 11.87 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VU035670.D

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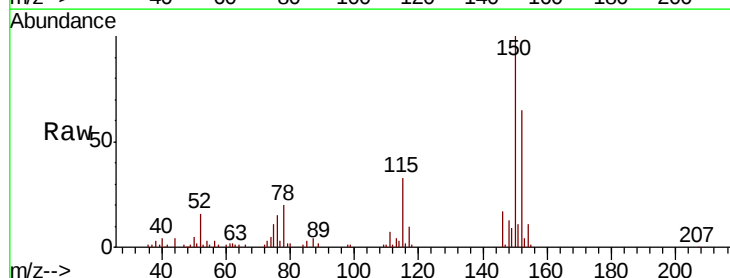
Tgt Ion: 146 Resp: 8011

Ion Ratio Lower Upper

146 100

111 39.1 26.5 49.1

148 75.8 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): VU035660.D (-3260) (-)

Ion 111.00 (110.70 to 111.70): VU035660.D (-3260) (-)

Ion 148.00 (147.70 to 148.70): VU035660.D (-3260) (-)

11.87

6000

5000

4000

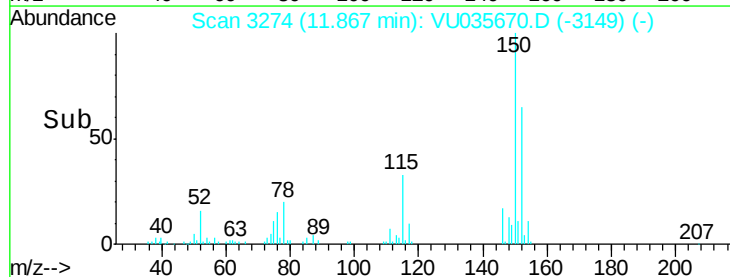
3000

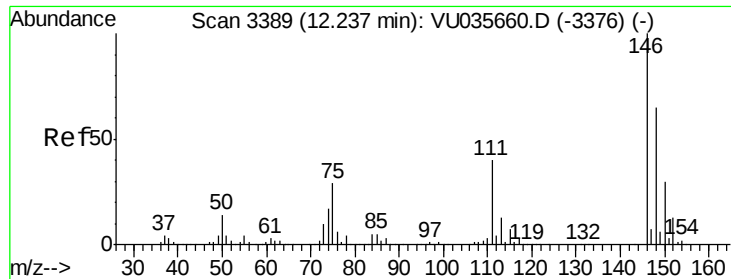
2000

1000

0

Time--> 11.80 11.85 11.90

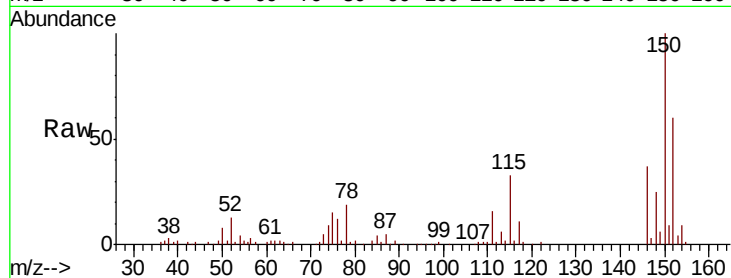




#65
 1,2-Dichlorobenzene
 Concen: 6.633 ug/L
 RT: 12.24 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU035670.D
 Acq: 07 Nov 2019 19:22

Instrument :
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 C0CR1DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	32.4	48.6
148	66.3	51.8	77.6



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

