

Data File : VU036844.D
Acq On : 19 Feb 2020 12:56
Operator : JC/MD
Sample : L1580-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ4

Quant Time: Feb 20 04:48:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	114130	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	108912	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	44502	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45237	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	40604	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	58234	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.68	46	98941	48.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	5.11	84	72491	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	41297	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	158746	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.73	67	50052	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	142679	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.21	79	16680	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.66	63	82767	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37745	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	41795	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

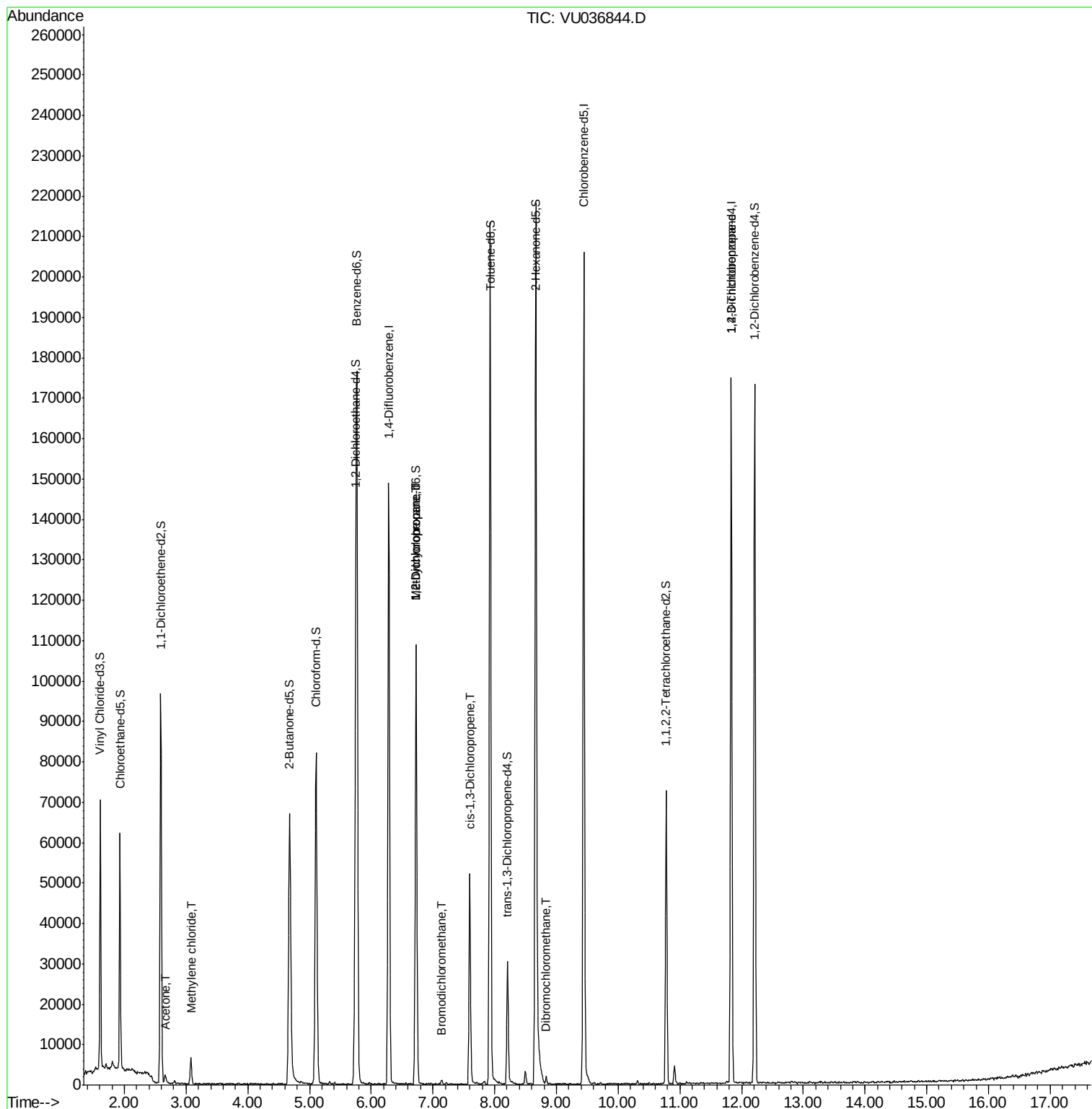
					Qvalue
13) Acetone	2.66	43	2662	1.011 ug/L	93
16) Methylene chloride	3.08	84	2891	0.247 ug/L	97
35) Methylcyclohexane	6.73	83	11347	0.836 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5665	0.618 ug/L #	89
38) Bromodichloromethane	7.14	83	997	0.091 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	1360	0.102 ug/L #	74
49) Dibromochloromethane	8.83	129	1103	0.167 ug/L	86
59) 1,2,3-Trichloropropane	11.83	75	6588	1.088 ug/L	92

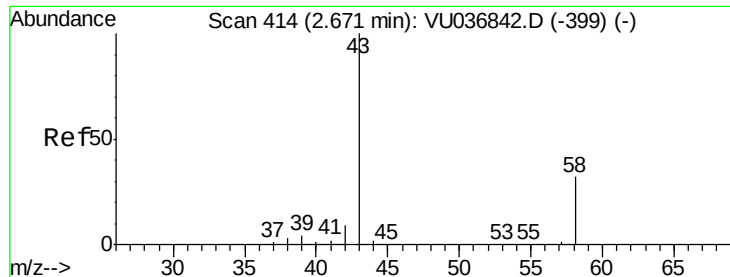
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.011 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

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Acq: 19 Feb 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

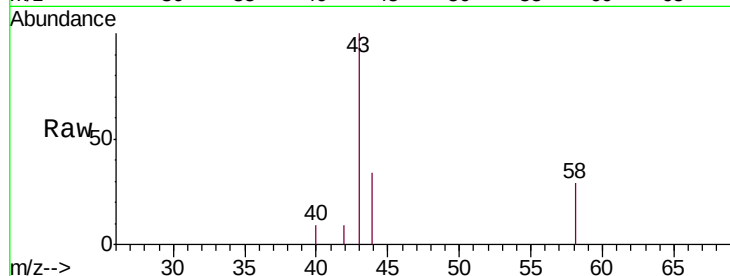
DBDJ4

Tgt Ion: 43 Resp: 2662

Ion Ratio Lower Upper

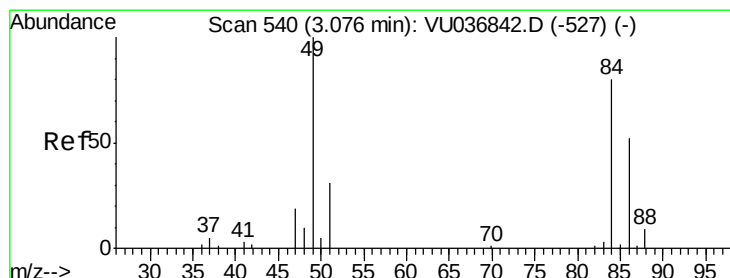
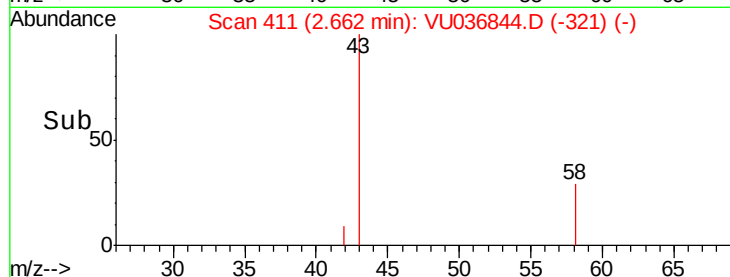
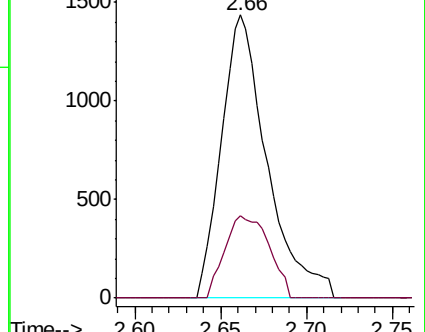
43 100

58 28.2 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036842.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036842.D (-399) (-)



#16

Methylene chloride

Concen: 0.247 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036844.D

Acq: 19 Feb 2020 12:56

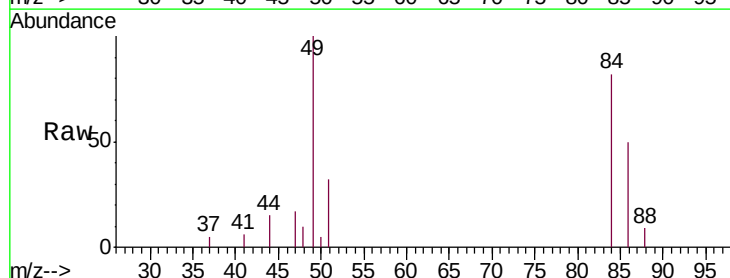
Tgt Ion: 84 Resp: 2891

Ion Ratio Lower Upper

84 100

86 60.1 44.7 82.9

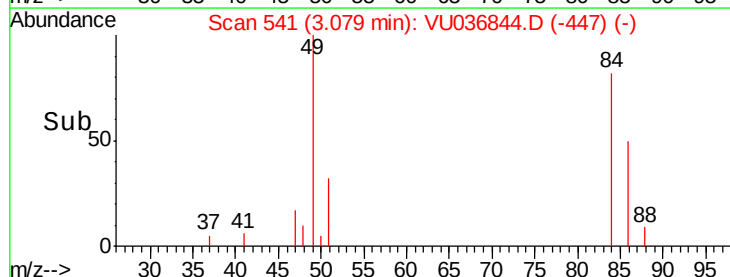
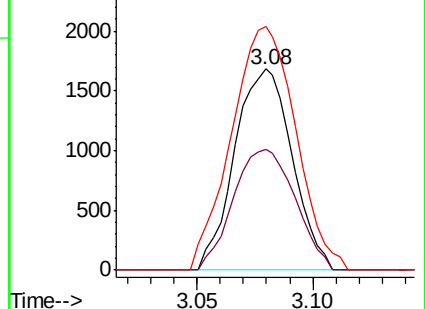
49 121.2 86.7 160.9

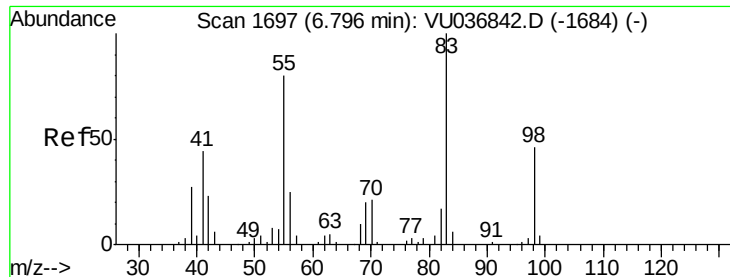


Abundance Ion 84.05 (83.75 to 84.75): VU036842.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036842.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036842.D (-527) (-)

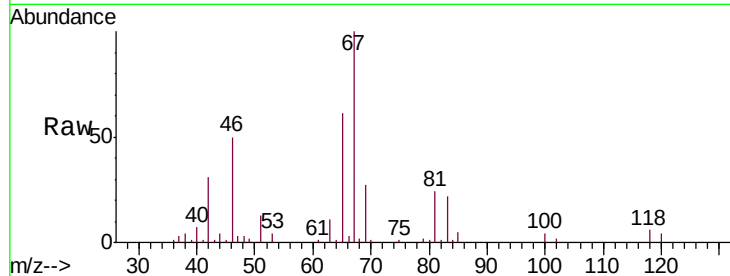




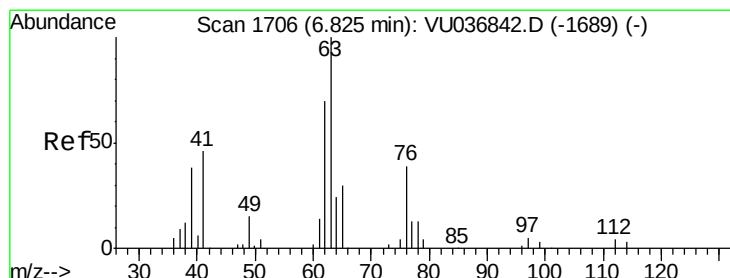
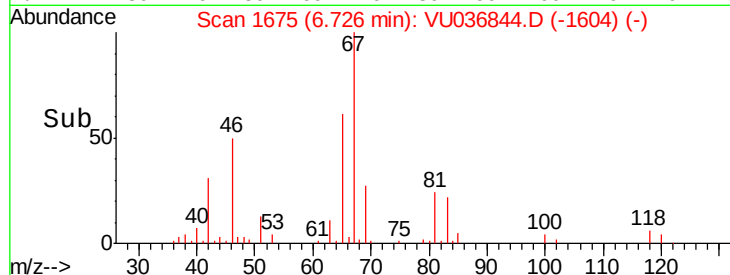
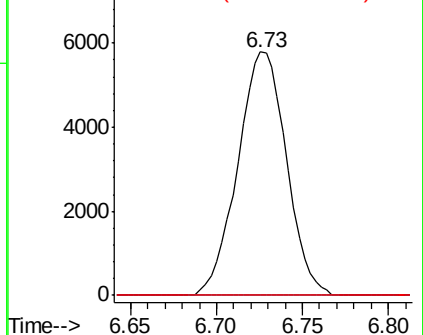
#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036844.D
Acq: 19 Feb 2020 12:56

Instrument :
MSVOA_U
ClientSampleId :
DBDJ4

Tgt Ion: 83 Resp: 11347
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 34.2 51.4#

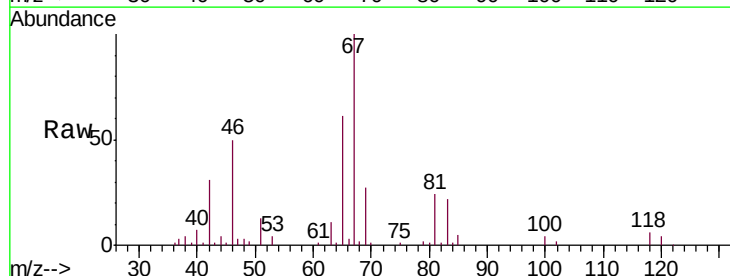


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

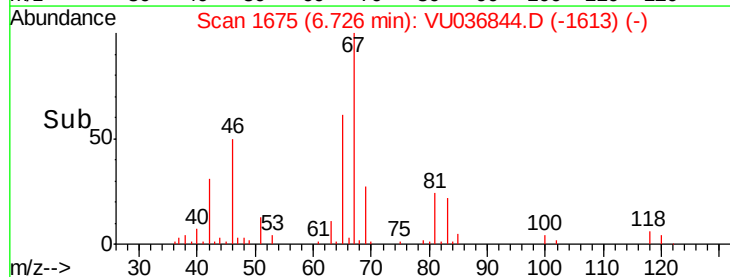
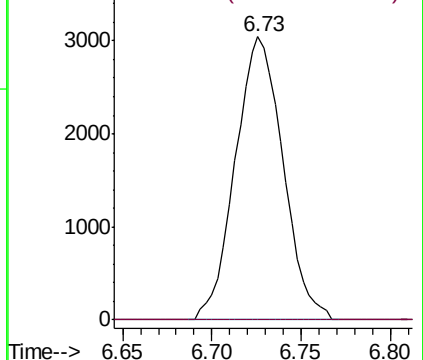


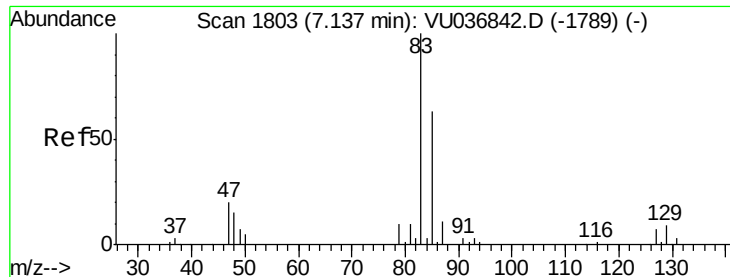
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036844.D
Acq: 19 Feb 2020 12:56

Tgt Ion: 63 Resp: 5665
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

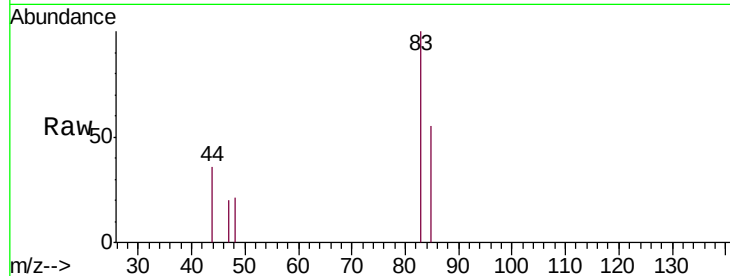




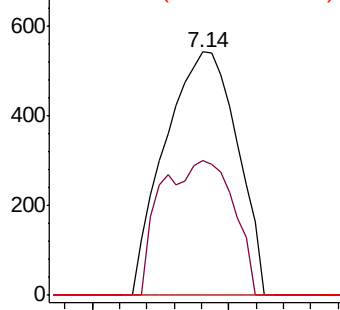
#38
 Bromodichloromethane
 Concen: 0.091 ug/L
 RT: 7.14 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VU036844.D
 Acq: 19 Feb 2020 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ4

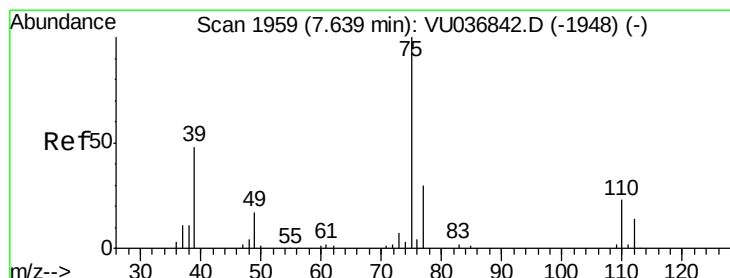
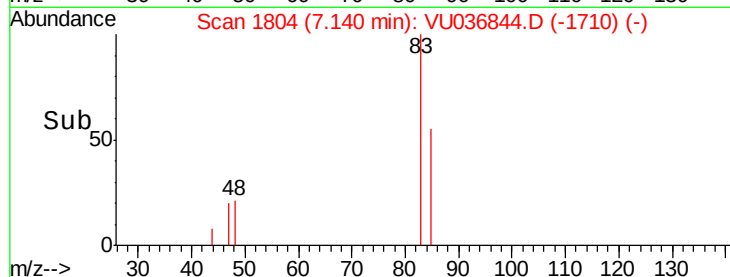
Tgt Ion: 83 Resp: 997
 Ion Ratio Lower Upper
 83 100
 85 55.2 43.0 80.0
 127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 126.90 (126.60 to 127.60): V

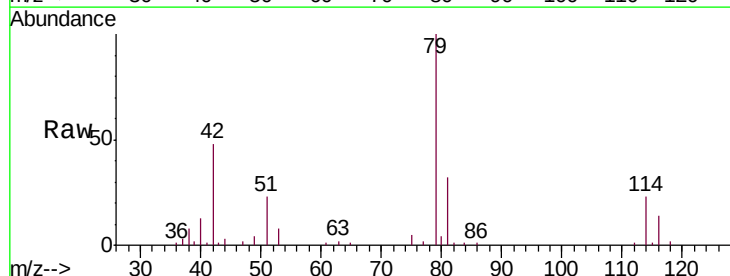


Time-->

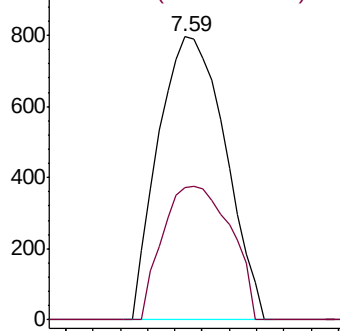


#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.05 min
 Lab File: VU036844.D
 Acq: 19 Feb 2020 12:56

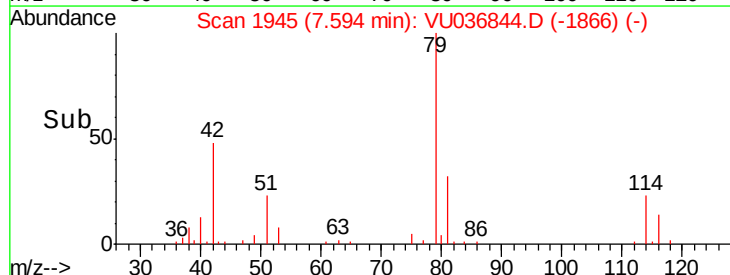
Tgt Ion: 75 Resp: 1360
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.5 41.9#

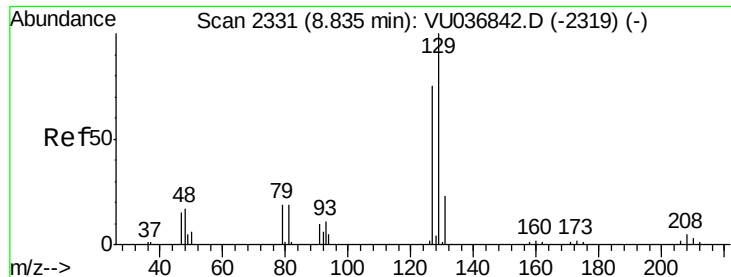


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0



Time-->





#49

Dibromochloromethane

Concen: 0.167 ug/L

RT: 8.83 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU036844.D

Acq: 19 Feb 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

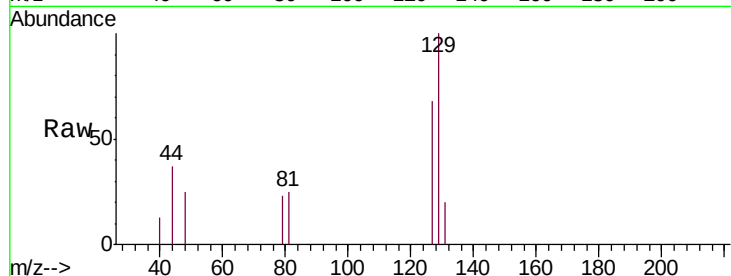
DBDJ4

Tgt Ion:129 Resp: 1103

Ion Ratio Lower Upper

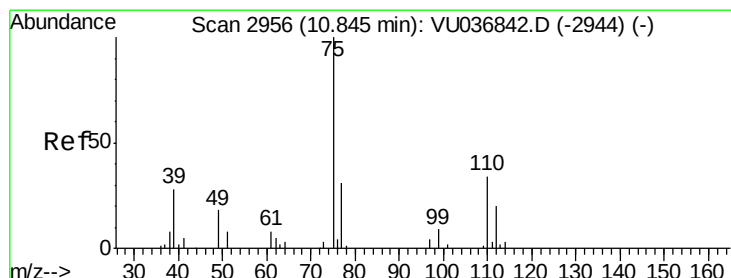
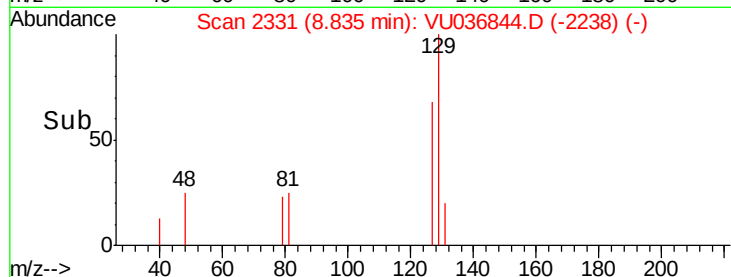
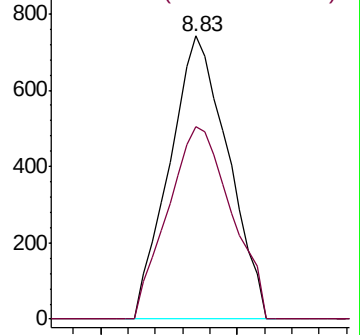
129 100

127 68.2 56.7 105.3



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.088 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036844.D

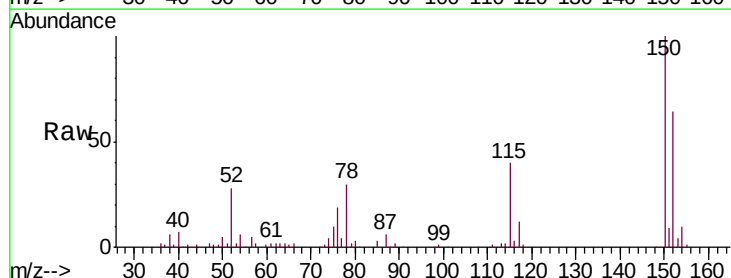
Acq: 19 Feb 2020 12:56

Tgt Ion: 75 Resp: 6588

Ion Ratio Lower Upper

75 100

77 36.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

