

Data File : VU035438.D
Acq On : 24 Oct 2019 05:33
Operator : JC/SP
Sample : K5488-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G29

Quant Time: Oct 24 07:54:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 07:51:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	196423	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	199640	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	58378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	49932	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.93	69	54541	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.60	63	71053	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.70	46	214768	62.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.80%
24) Chloroform-d	5.11	84	123811	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
26) 1,2-Dichloroethane-d4	5.75	65	71788	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.40%
32) Benzene-d6	5.77	84	221682	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.74	67	81918	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.93	98	172261	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	8.22	79	26040	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.70	63	141755	45.69	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.38%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	74286	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	12.23	152	55483	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

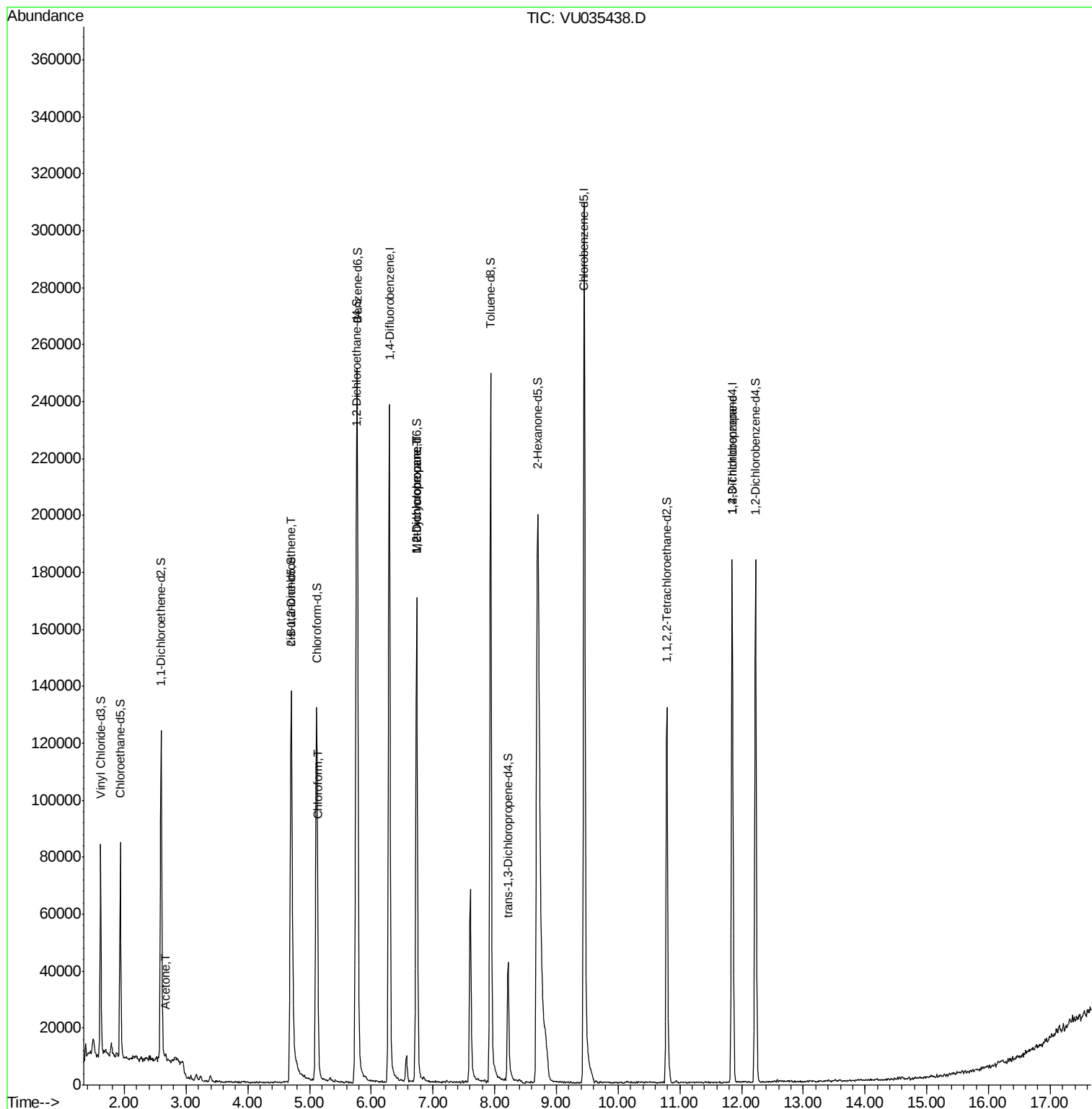
					Qvalue
13) Acetone	2.67	43	2089	0.873 ug/L	67
22) cis-1,2-Dichloroethene	4.71	96	1726	0.115 ug/L	82
25) Chloroform	5.14	83	5370	0.199 ug/L	98
35) Methylcyclohexane	6.73	83	19254	0.730 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	8498	0.570 ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	7378	0.710 ug/L	94

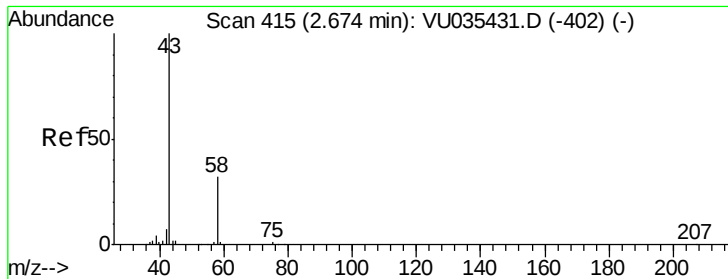
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.873 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

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Acq: 24 Oct 2019 05:33

Instrument :

MSVOA_U

ClientSampled :

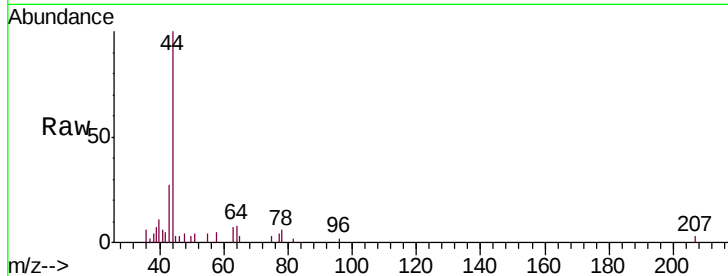
H0G29

Tgt Ion: 43 Resp: 2089

Ion Ratio Lower Upper

43 100

58 12.9 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035438.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU035438.D (-322) (-)

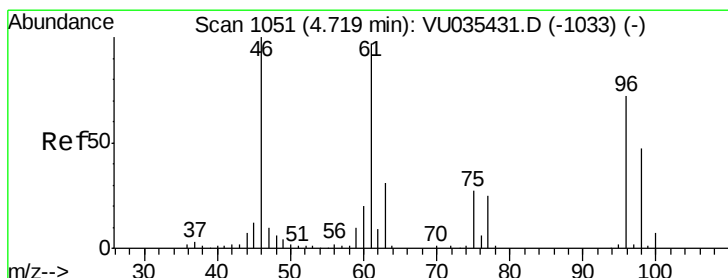
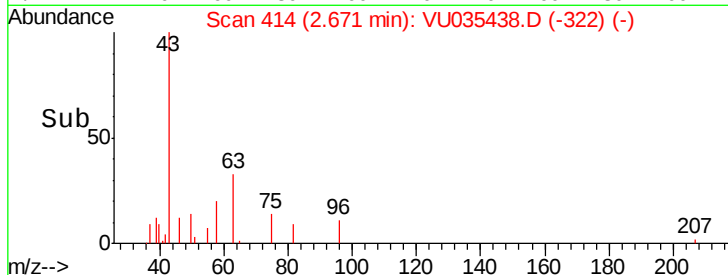
2.67

1000

500

0

Time--> 2.60 2.65 2.70



#22

cis-1,2-Dichloroethene

Concen: 0.115 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.01 min

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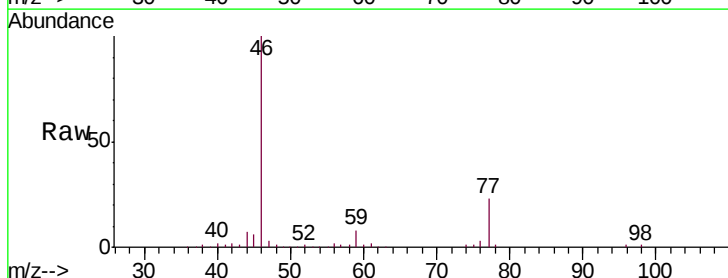
Tgt Ion: 96 Resp: 1726

Ion Ratio Lower Upper

96 100

61 149.0 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035438.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU035438.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU035438.D (-958) (-)

4.71

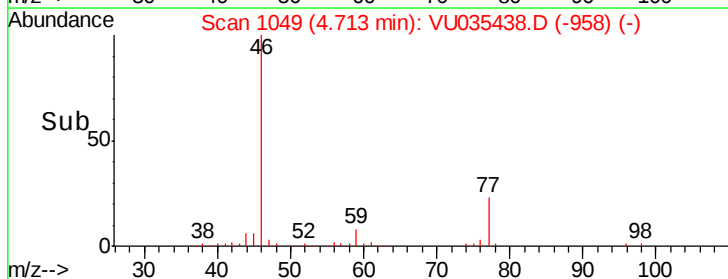
1500

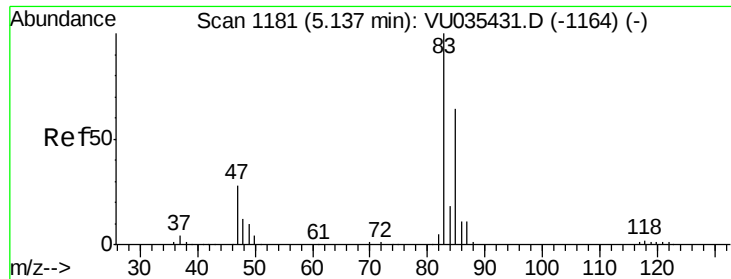
1000

500

0

Time--> 4.70 4.75

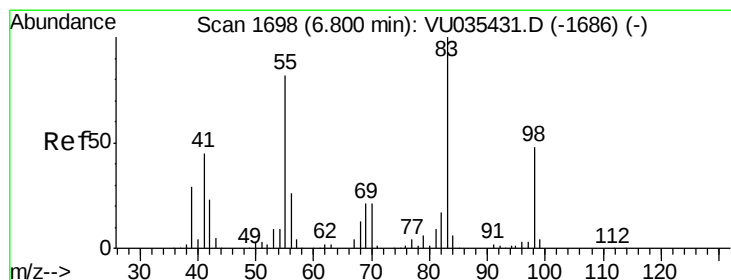
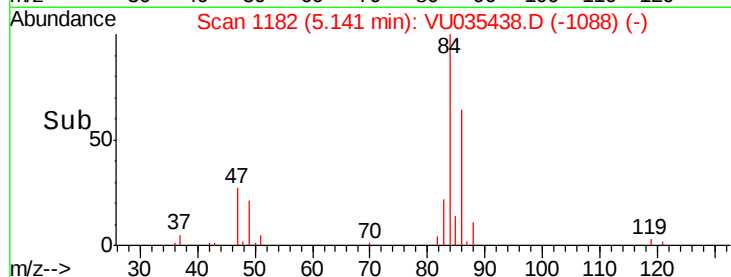
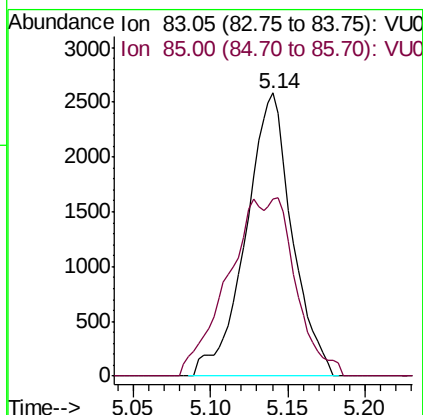
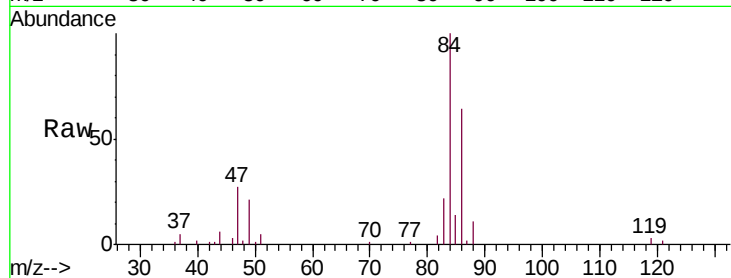




#25
Chloroform
Concen: 0.199 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035438.D
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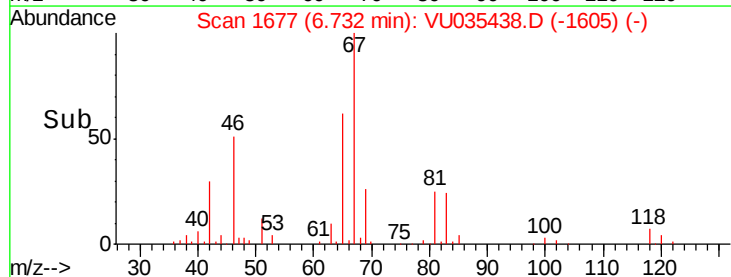
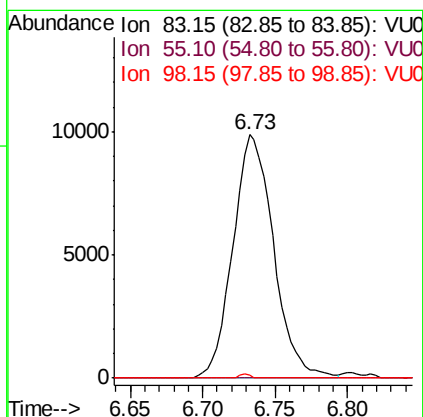
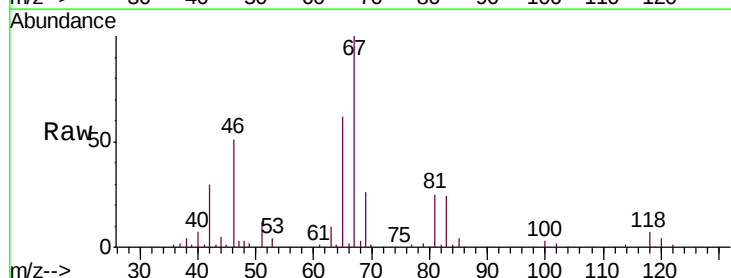
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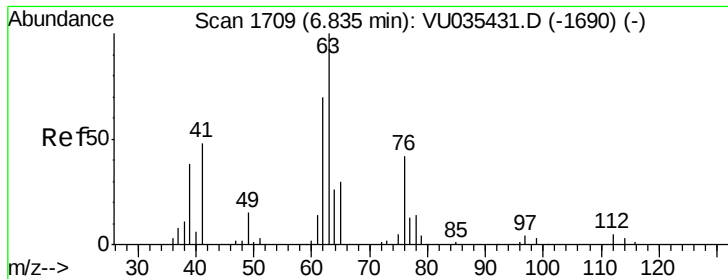
Tgt Ion: 83 Resp: 5370
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.9



#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035438.D
Acq: 24 Oct 2019 05:33

Tgt Ion: 83 Resp: 19254
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.4 39.5 59.3#

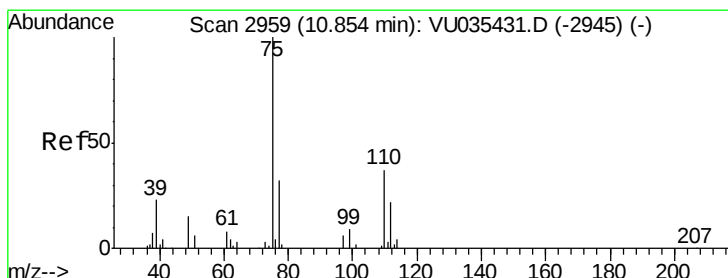
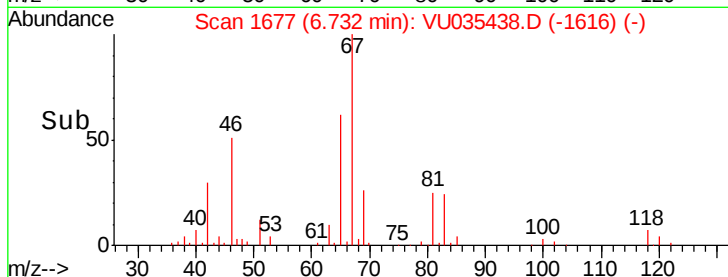
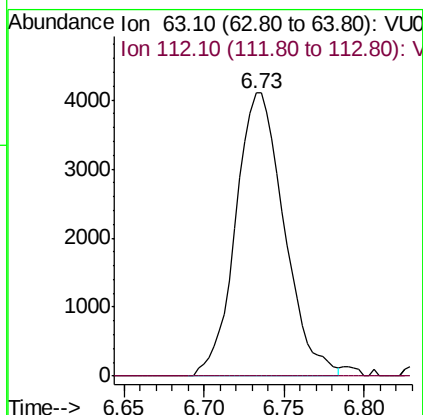
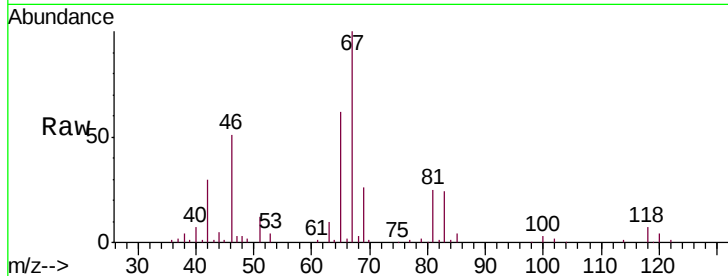




#37
 1,2-Dichloropropane
 Concen: 0.570 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035438.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 H0G29

Tgt Ion: 63 Resp: 8498
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#59
 1,2,3-Trichloropropane
 Concen: 0.710 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035438.D
 Acq: 24 Oct 2019 05:33

Tgt Ion: 75 Resp: 7378
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.2 39.2

