

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026456.D
 Acq On : 30 Aug 2018 18:53
 Operator : MD/SY
 Sample : J4694-02 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:25:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	145030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	136740	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	58515	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42638	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.90%
7) Chloroethane-d5	1.68	69	39100	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.36%
11) 1,1-Dichloroethene-d2	2.27	63	63984	31.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.24%
21) 2-Butanone-d5	4.18	46	68091	97.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.63%
24) Chloroform-d	4.65	84	77893	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.31	65	53590	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.34	84	154963	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.33	67	53773	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.34%
41) Toluene-d8	7.57	98	141312	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%
43) trans-1,3-Dichloropropene-	7.85	79	22830	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.36%
47) 2-Hexanone-d5	8.31	63	50040	100.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74364	46.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	55939	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%

Target Compounds

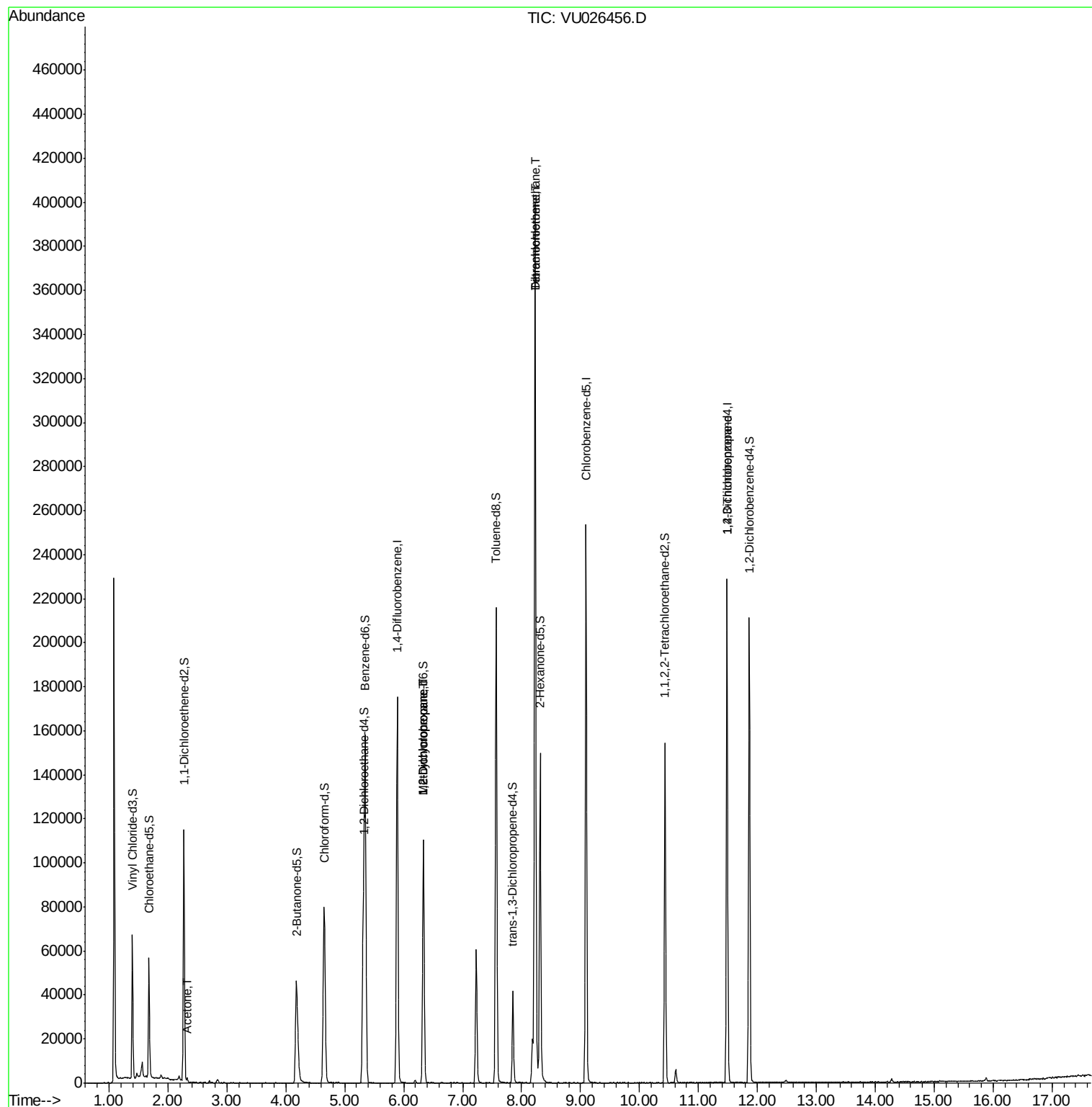
					Ovalue
13) Acetone	2.32	43	1451	2.403 ug/L	89
35) Methylcyclohexane	6.33	83	12008	7.821 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	5683	5.237 ug/L #	88
46) Tetrachloroethene	8.23	164	87676	109.060 ug/L	97
49) Dibromochloromethane	8.23	129	81212	72.496 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6705	4.951 ug/L	89

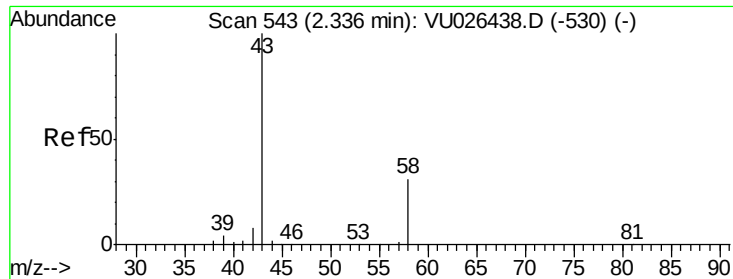
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration

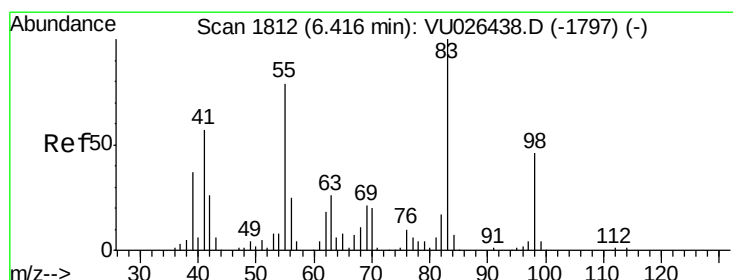
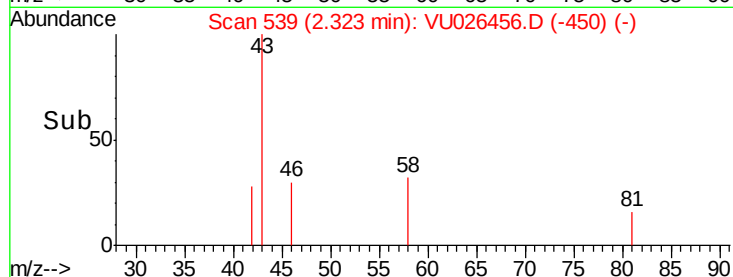
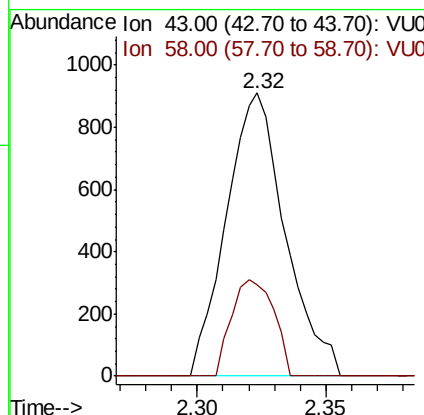
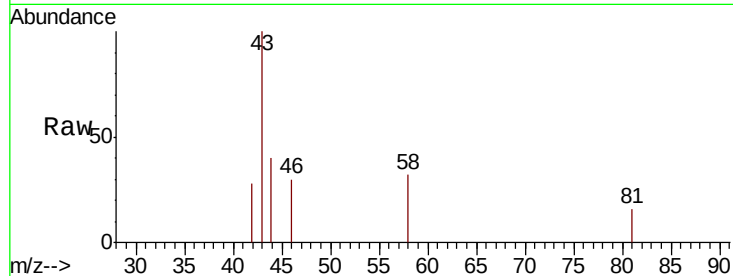




#13
Acetone
Concen: 2.403 ug/L
RT: 2.32 min Scan# 539
Delta R.T. -0.01 min
Lab File: VU026456.D
Acq: 30 Aug 2018 18:53

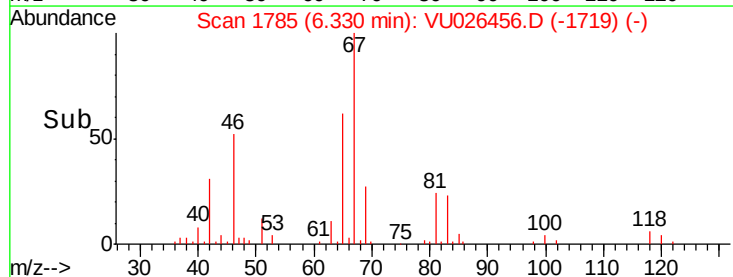
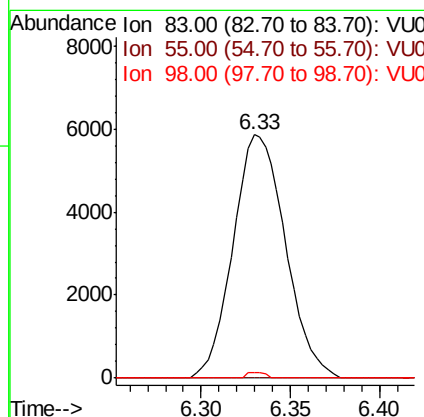
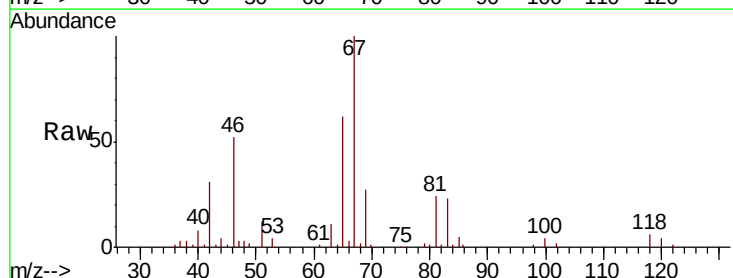
Instrument :
MSVOA_U
ClientSampled :

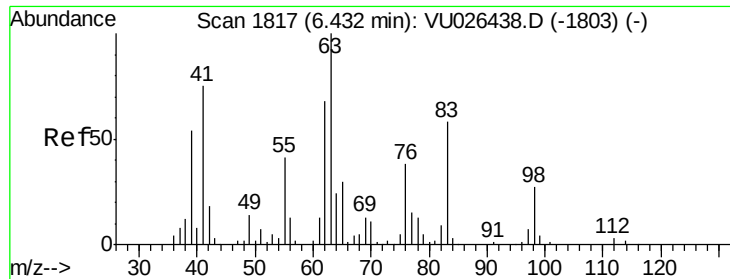
Tot Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
58 24.5 0.0 61.2



#35
Methylcyclohexane
Concen: 7.821 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.09 min
Lab File: VU026456.D
Acq: 30 Aug 2018 18:53

Tgt Ion: 83 Resp: 12008
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.8 36.7 55.1#

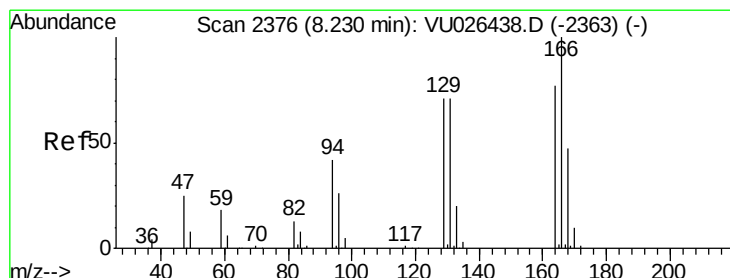
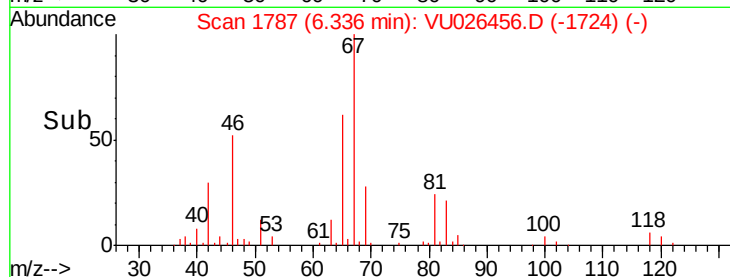
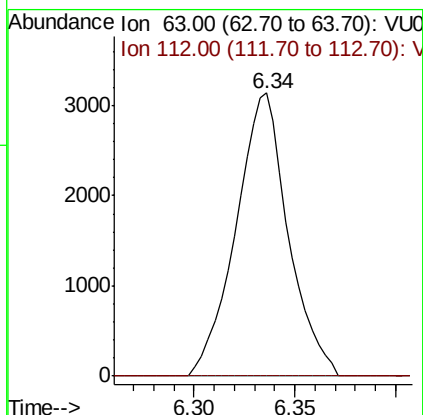
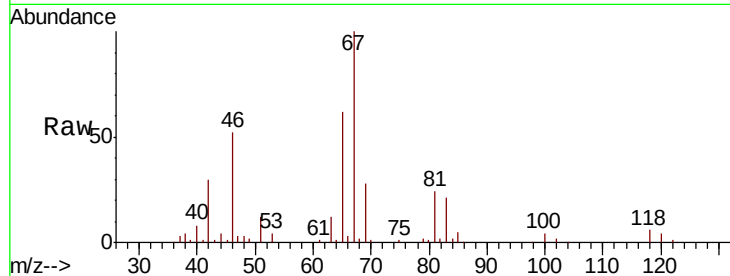




#37
 1,2-Dichloropropane
 Concen: 5.237 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026456.D
 Acq: 30 Aug 2018 18:53

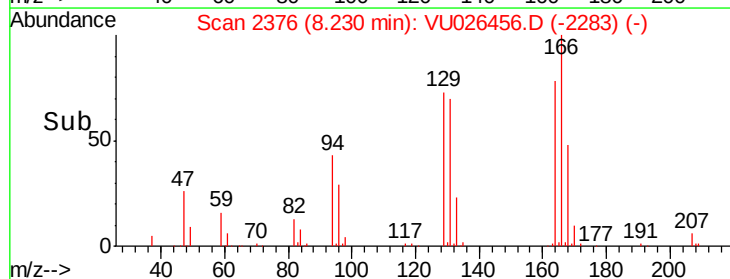
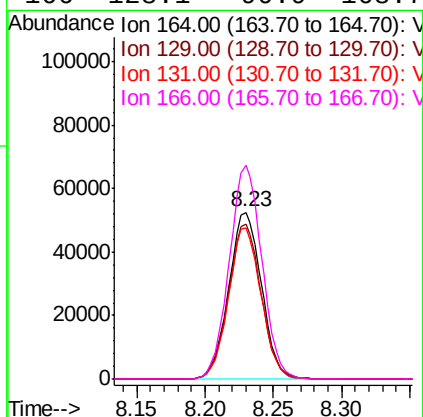
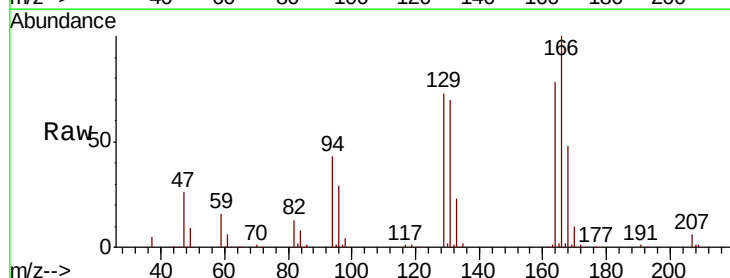
Instrument :
 MSVOA_U
 ClientSampleId :

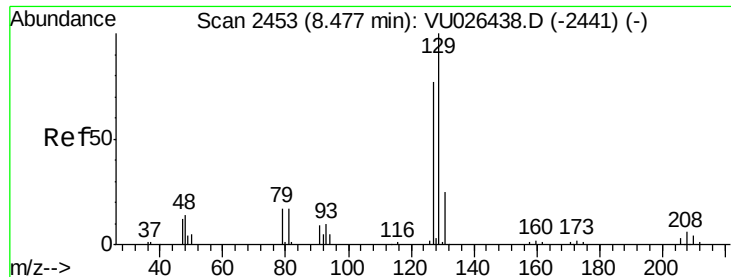
Tot Ion: 63 Resp: 5683
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 109.060 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026456.D
 Acq: 30 Aug 2018 18:53

Tgt Ion:164 Resp: 87676
 Ion Ratio Lower Upper
 164 100
 129 93.0 67.3 125.1
 131 90.3 65.3 121.3
 166 128.1 90.9 168.7





#49

Dibromochloromethane

Concen: 72.496 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026456.D

Acq: 30 Aug 2018 18:53

Instrument :

MSVOA_U

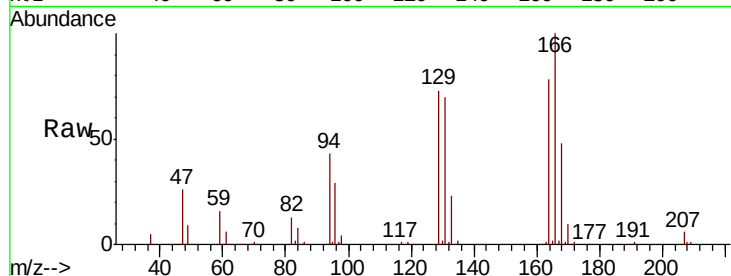
ClientSampleId :

Tot Ion:129 Resp: 81212

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.23

50000

40000

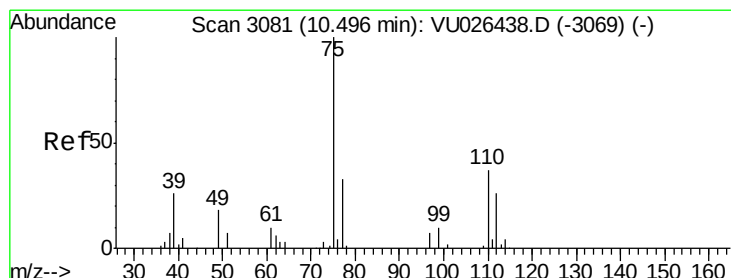
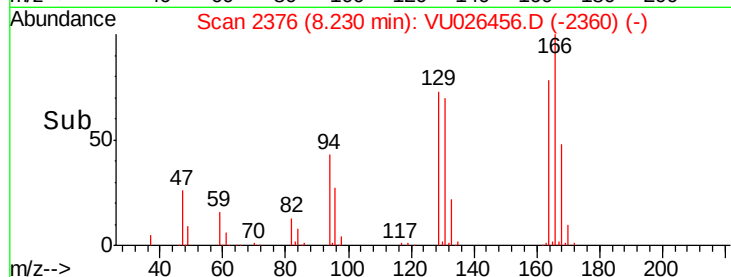
30000

20000

10000

0

Time--> 8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 4.951 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026456.D

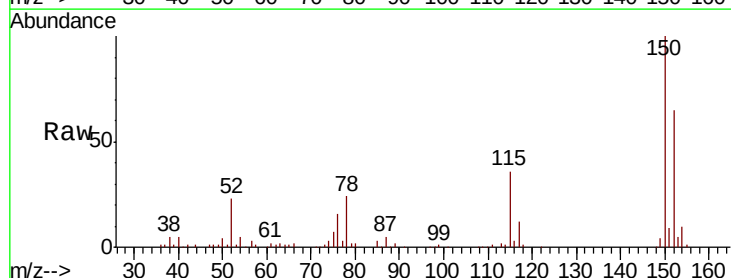
Acq: 30 Aug 2018 18:53

Tgt Ion: 75 Resp: 6705

Ion Ratio Lower Upper

75 100

77 37.3 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

5000

4000

3000

2000

1000

0

Time--> 11.45 11.50

