

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026448.D
 Acq On : 30 Aug 2018 15:47
 Operator : MD/SY
 Sample : J4691-14 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:24:45 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	146279	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	138256	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	58905	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44690	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.62%
7) Chloroethane-d5	1.68	69	39242	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.88%
11) 1,1-Dichloroethene-d2	2.27	63	63502	31.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.22%
21) 2-Butanone-d5	4.18	46	67755	96.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	4.65	84	76449	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	5.31	65	53182	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
32) Benzene-d6	5.35	84	154296	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
36) 1,2-Dichloropropane-d6	6.33	67	52816	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.57	98	141079	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%
43) trans-1,3-Dichloropropene-	7.85	79	22746	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.00%
47) 2-Hexanone-d5	8.31	63	49230	98.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75391	46.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	56068	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

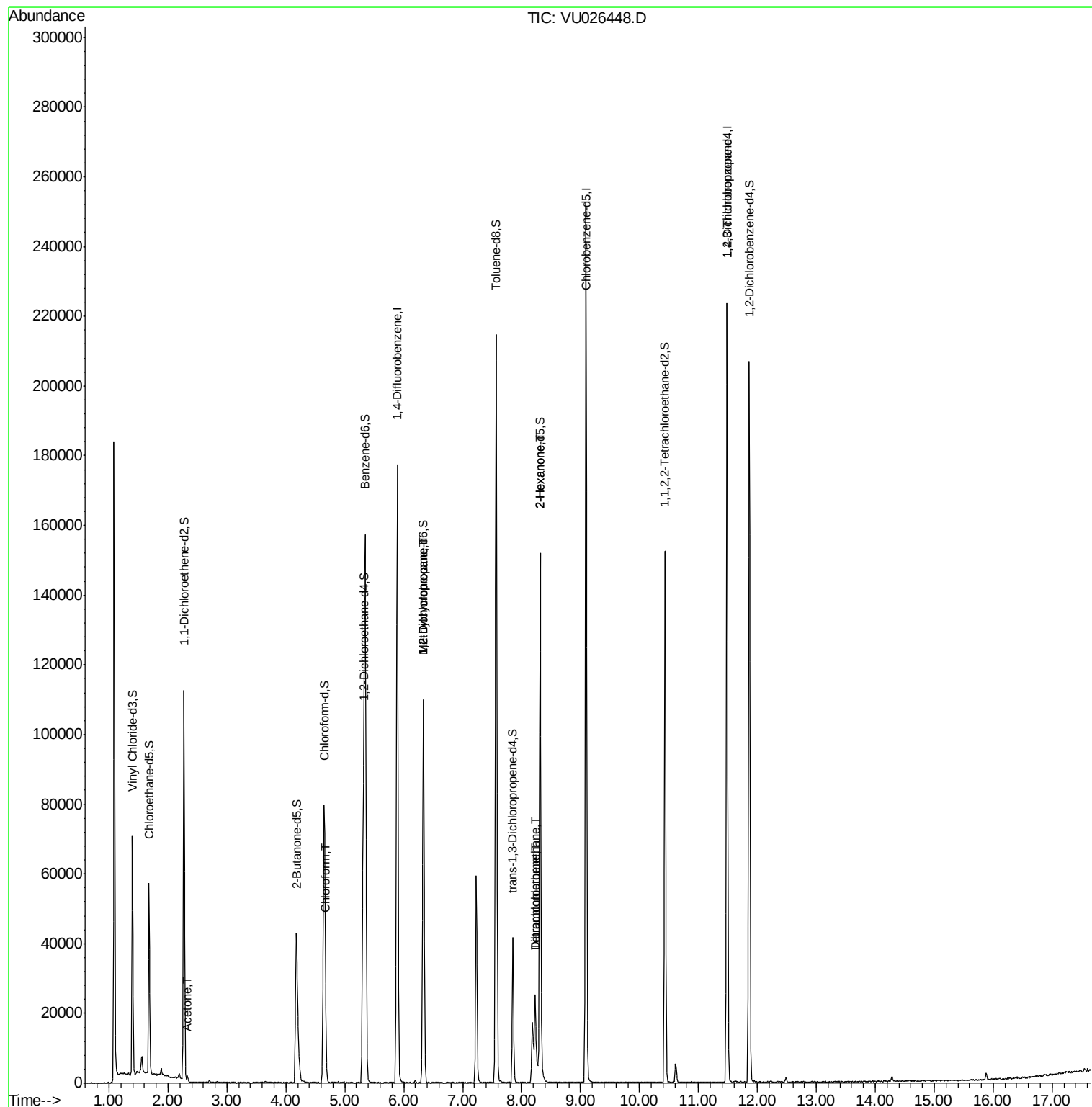
					Ovalue
13) Acetone	2.32	43	1217	1.998 ug/L	88
25) Chloroform	4.68	83	2460	1.298 ug/L	95
35) Methylcyclohexane	6.33	83	11845	7.630 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5656	5.155 ug/L #	88
46) Tetrachloroethene	8.23	164	4515	5.555 ug/L	96
48) 2-Hexanone	8.31	43	6226	5.342 ug/L #	69
49) Dibromochloromethane	8.23	129	3999	3.531 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7004	5.115 ug/L #	85

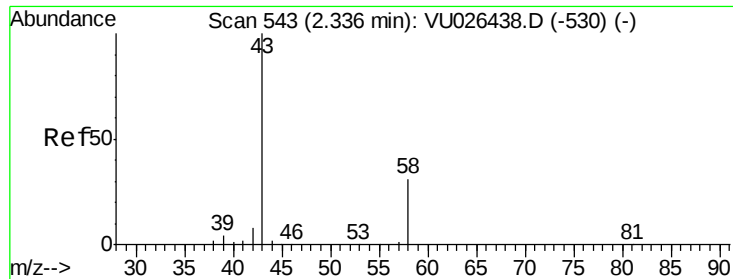
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.998 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU026448.D

Acq: 30 Aug 2018 15:47

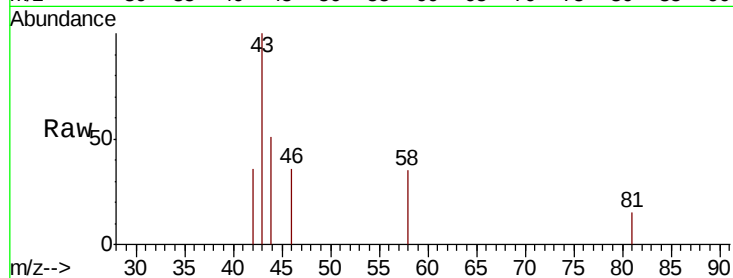
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1217

Ion Ratio Lower Upper

43 100

58 24.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

800

600

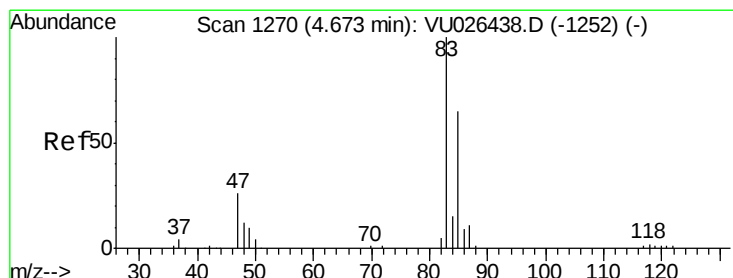
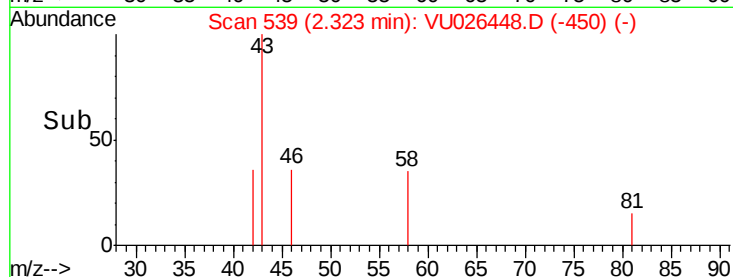
400

200

0

Time-->

2.28 2.30 2.32 2.34 2.36



#25

Chloroform

Concen: 1.298 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VU026448.D

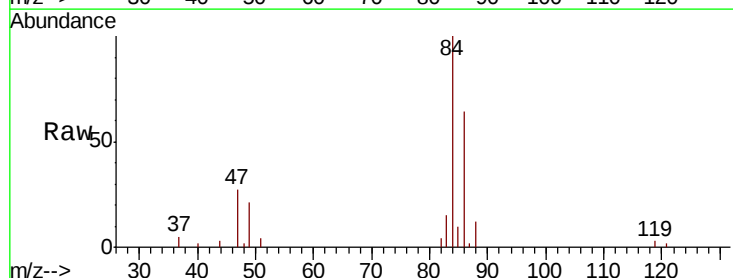
Acq: 30 Aug 2018 15:47

Tgt Ion: 83 Resp: 2460

Ion Ratio Lower Upper

83 100

85 70.3 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

1000

800

600

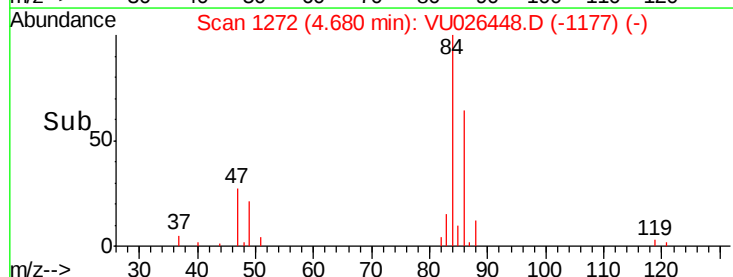
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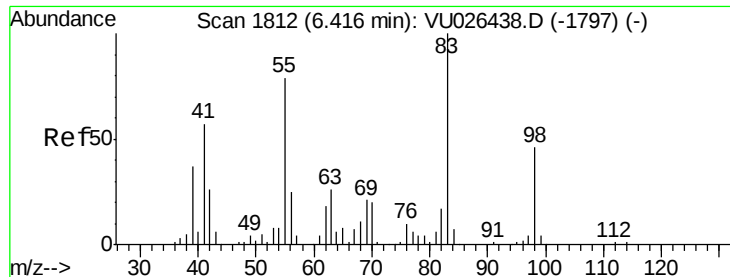
200

0

Time-->

4.60 4.65 4.70

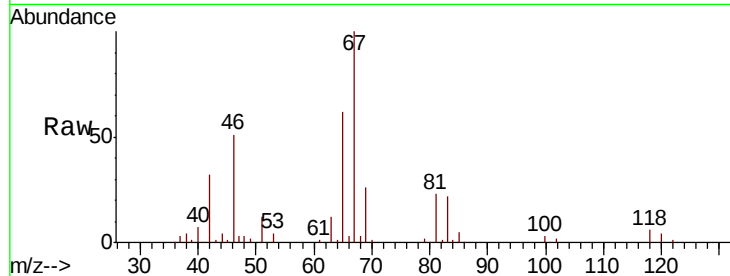




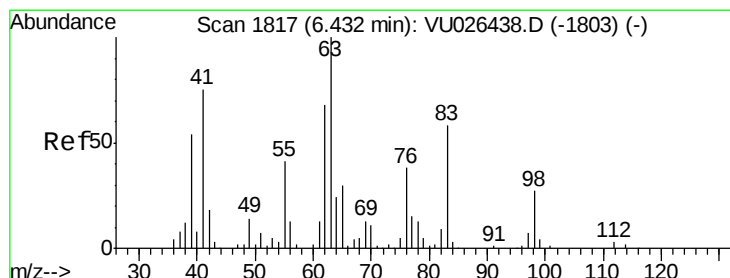
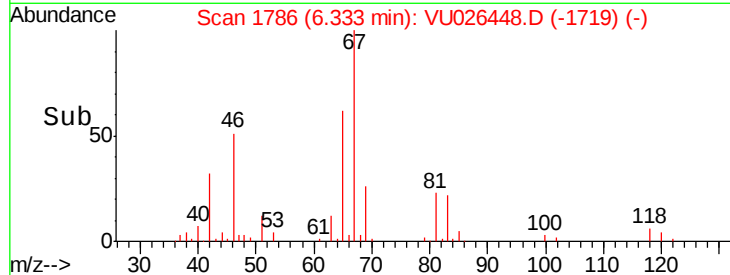
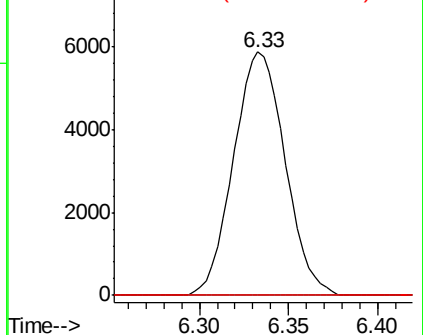
#35
Methvlcvclohexane
Concen: 7.630 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026448.D
Acq: 30 Aug 2018 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83	Resp	11845
Ion Ratio	Lower	Upper	
83	100		
55	0.0	63.3	94.9#
98	0.0	36.7	55.1#

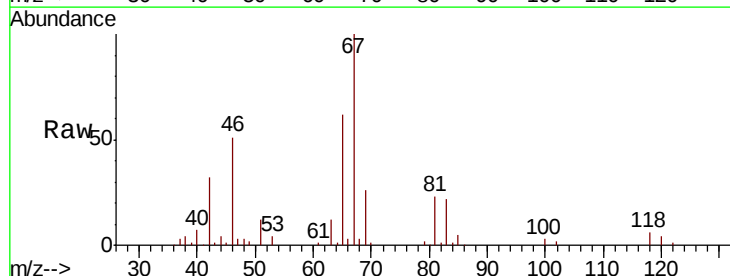


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

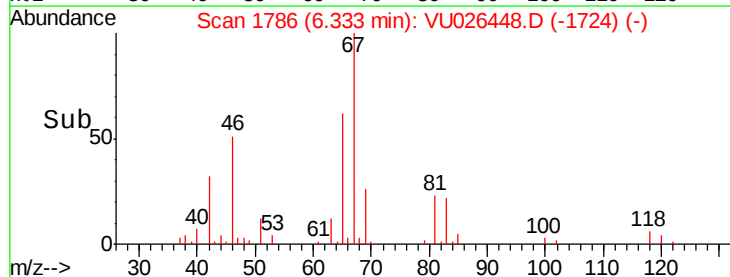
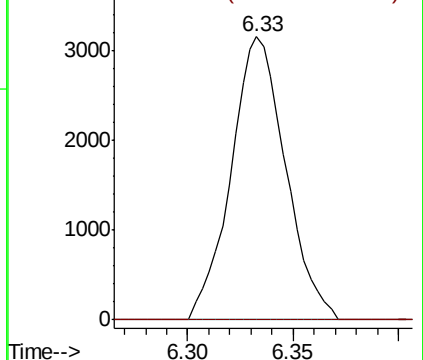


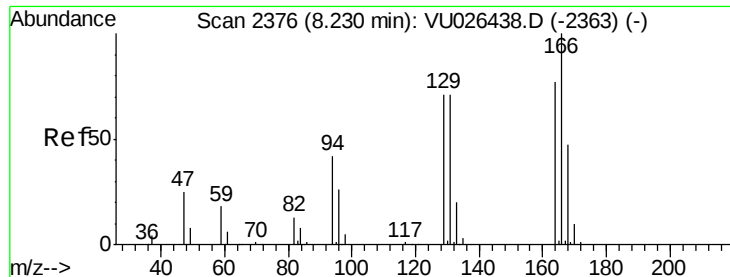
#37
1,2-Dichloropropane
Concen: 5.155 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026448.D
Acq: 30 Aug 2018 15:47

Tgt Ion	63	Resp	5656
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

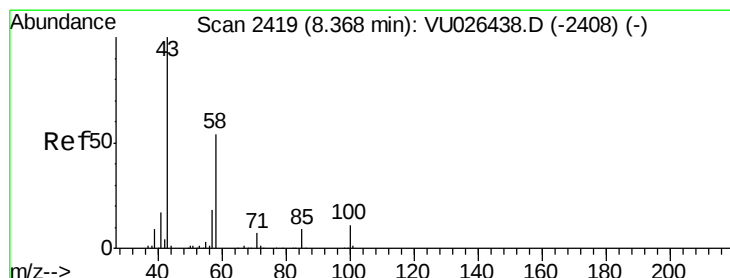
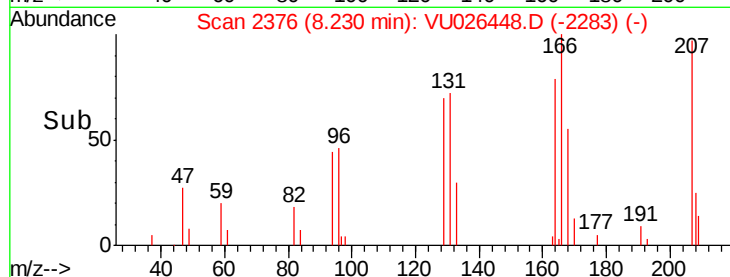
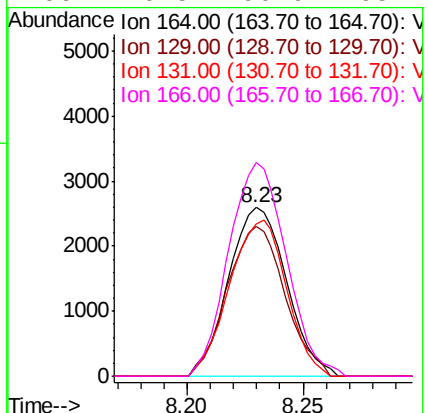
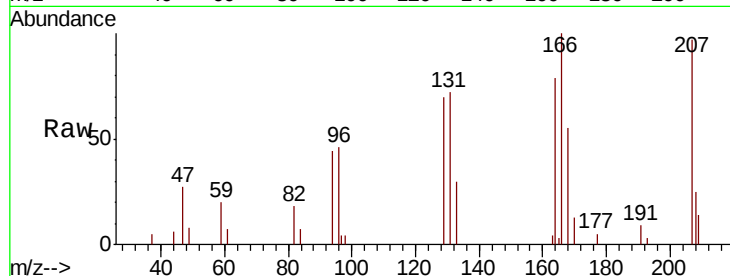




#46
Tetrachloroethene
Concen: 5.555 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026448.D
Acq: 30 Aug 2018 15:47

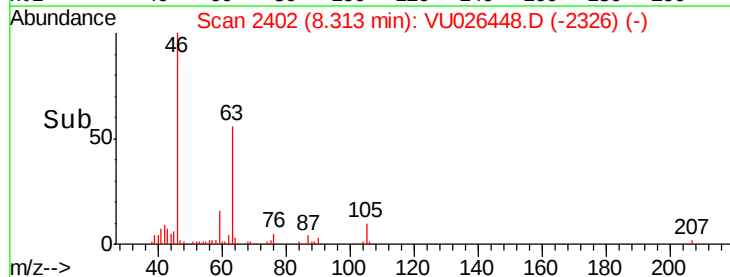
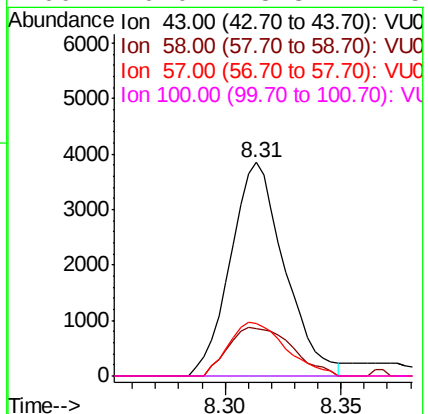
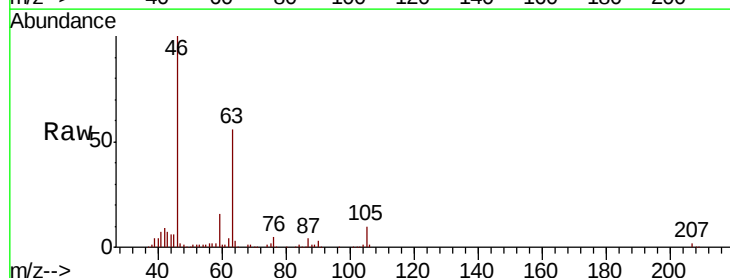
Instrument :
MSVOA_U
ClientSampleId :

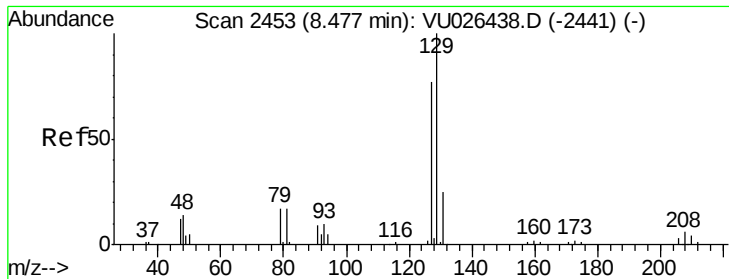
Tot Ion:164 Resp: 4515
Ion Ratio Lower Upper
164 100
129 88.9 67.3 125.1
131 90.5 65.3 121.3
166 126.5 90.9 168.7



#48
2-Hexanone
Concen: 5.342 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026448.D
Acq: 30 Aug 2018 15:47

Tgt Ion: 43 Resp: 6226
Ion Ratio Lower Upper
43 100
58 26.9 42.2 63.4#
57 26.5 14.6 21.8#
100 0.0 8.3 12.5#

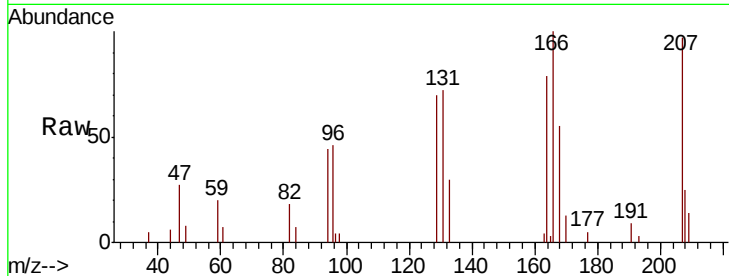




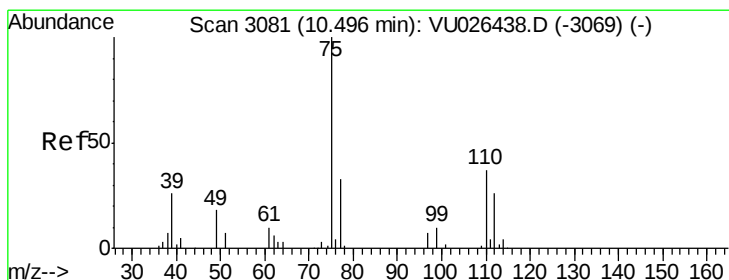
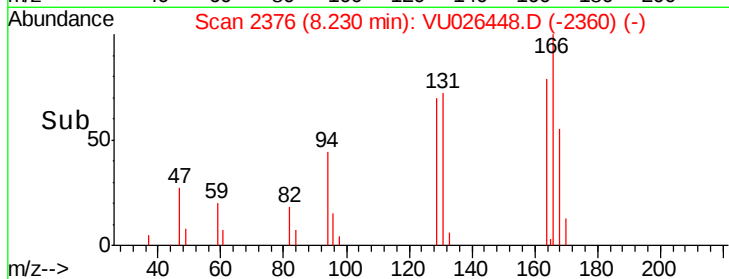
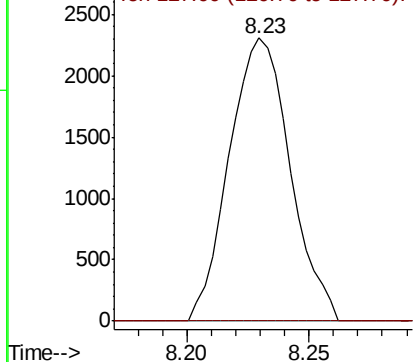
#49
 Dibromochloromethane
 Concen: 3.531 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026448.D
 Acq: 30 Aug 2018 15:47

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 3999
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#

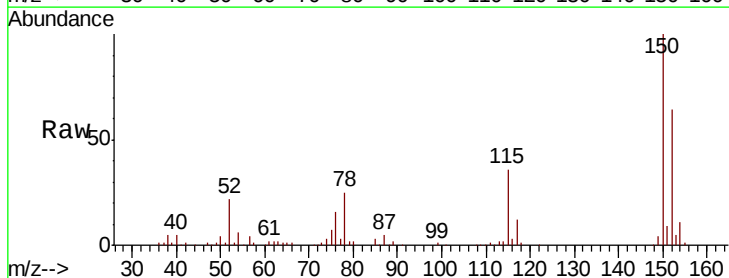


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



#59
 1,2,3-Trichloropropane
 Concen: 5.115 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026448.D
 Acq: 30 Aug 2018 15:47

Tgt Ion: 75 Resp: 7004
 Ion Ratio Lower Upper
 75 100
 77 39.3 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

