

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026444.D
 Acq On : 30 Aug 2018 14:12
 Operator : MD/SY
 Sample : J4691-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:24:17 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	146252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	138206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	58255	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45376	50.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.16%
7) Chloroethane-d5	1.68	69	39710	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.04%
11) 1,1-Dichloroethene-d2	2.27	63	62059	30.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.82%
21) 2-Butanone-d5	4.18	46	66910	95.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	4.65	84	78569	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
26) 1,2-Dichloroethane-d4	5.31	65	54935	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.35	84	159248	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
36) 1,2-Dichloropropane-d6	6.33	67	54928	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.57	98	145913	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%
43) trans-1,3-Dichloropropene-	7.85	79	23853	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.46%
47) 2-Hexanone-d5	8.31	63	49028	97.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.69%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	76626	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	57710	54.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

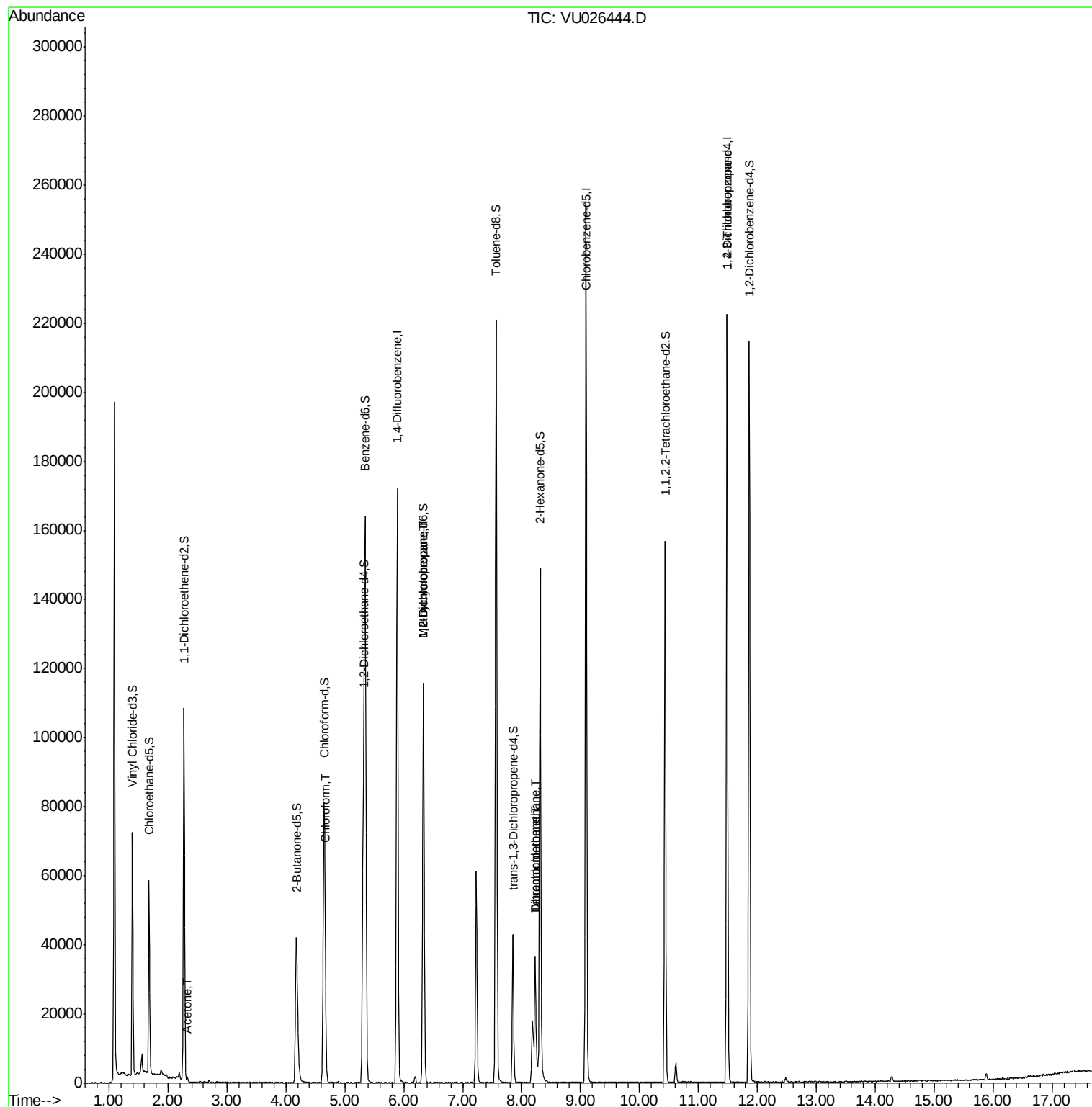
					Ovalue
13) Acetone	2.33	43	756	1.241	ug/L 81
25) Chloroform	4.67	83	2651	1.399	ug/L 96
35) Methylcyclohexane	6.33	83	12610	8.126	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5971	5.444	ug/L # 88
46) Tetrachloroethene	8.23	164	7041	8.665	ug/L 93
49) Dibromochloromethane	8.23	129	6409	5.660	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	6739	4.924	ug/L # 84

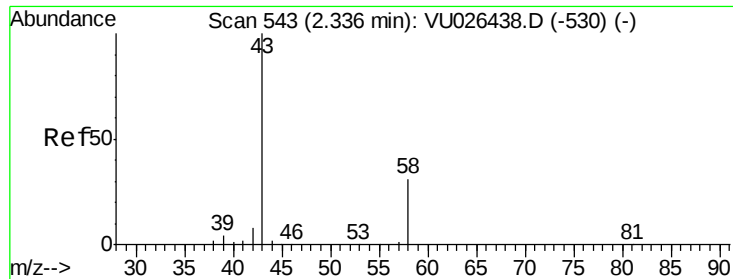
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.241 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.01 min

Lab File: VU026444.D

Acq: 30 Aug 2018 14:12

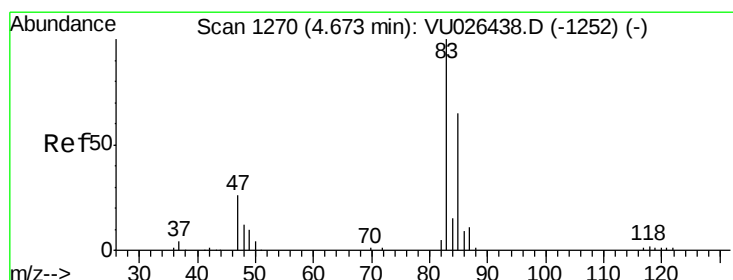
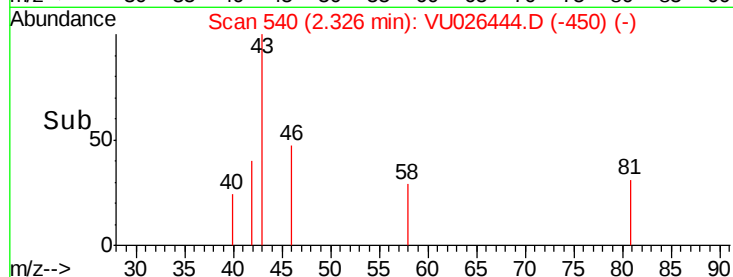
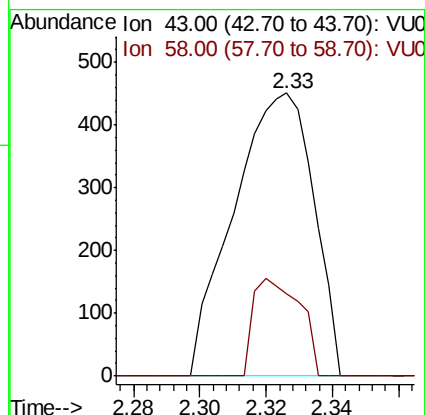
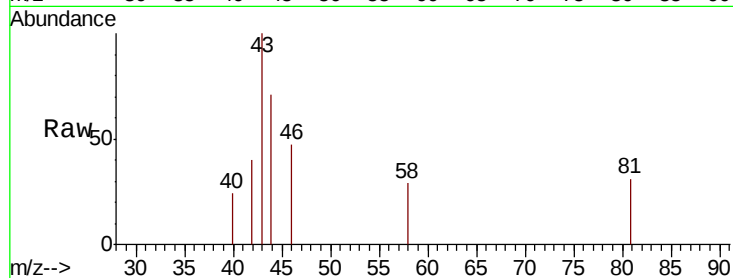
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

58 20.1 0.0 61.2



#25

Chloroform

Concen: 1.399 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU026444.D

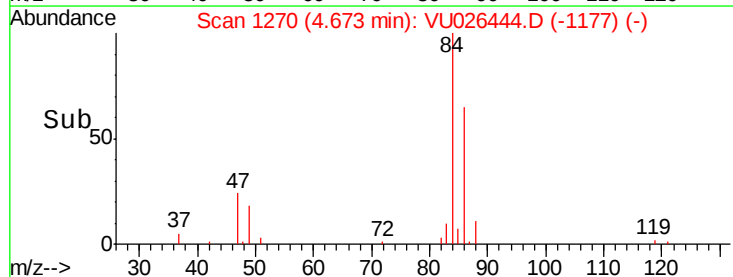
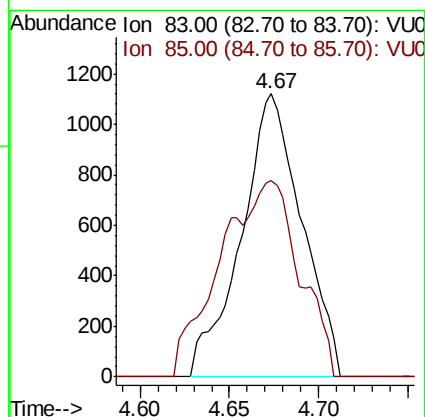
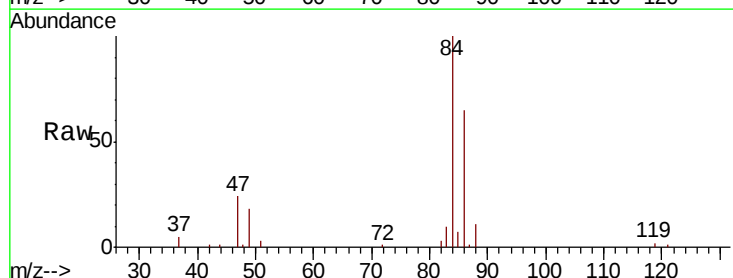
Acq: 30 Aug 2018 14:12

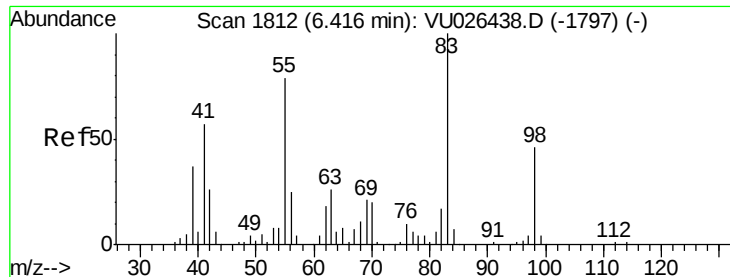
Tgt Ion: 83 Resp: 2651

Ion Ratio Lower Upper

83 100

85 69.4 46.5 86.5

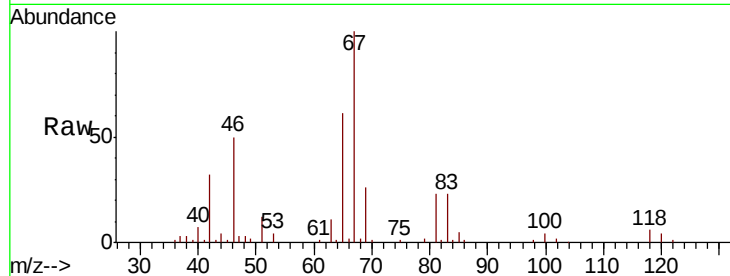




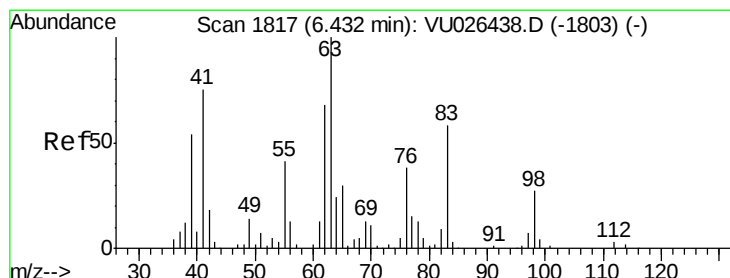
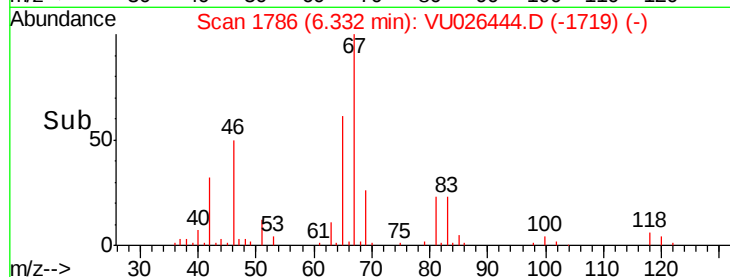
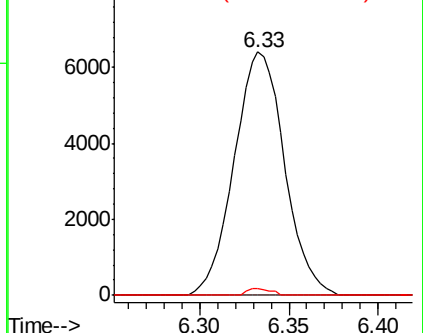
#35
Methvlcvclohexane
Concen: 8.126 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026444.D
Acq: 30 Aug 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12610
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 1.3 36.7 55.1#

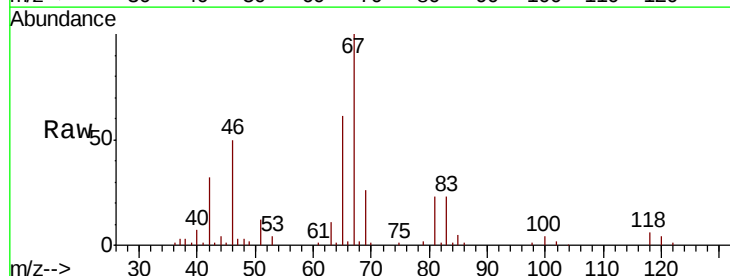


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

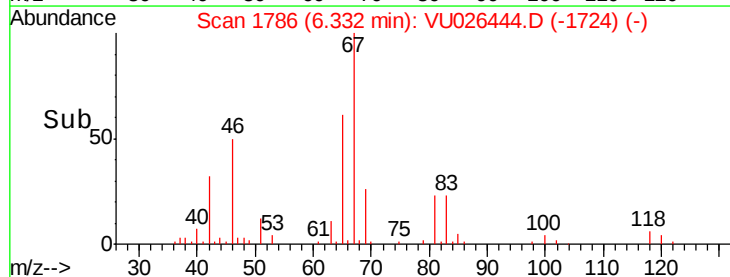
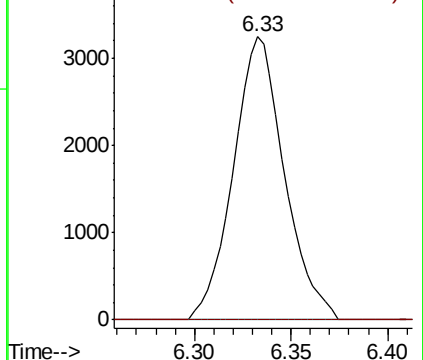


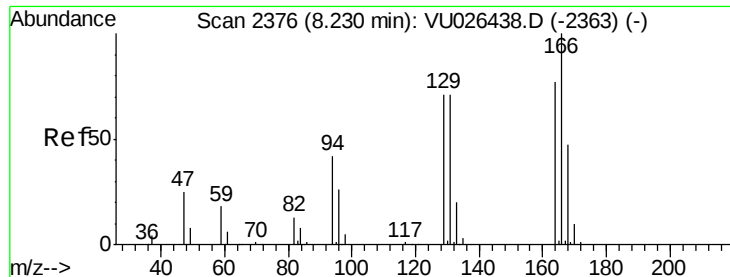
#37
1,2-Dichloropropane
Concen: 5.444 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026444.D
Acq: 30 Aug 2018 14:12

Tgt Ion: 63 Resp: 5971
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

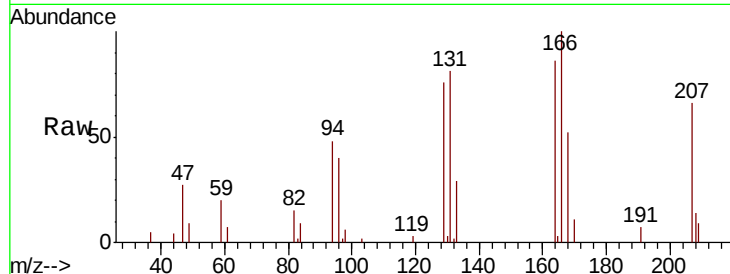




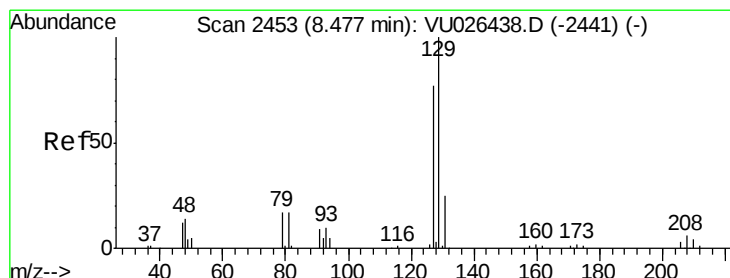
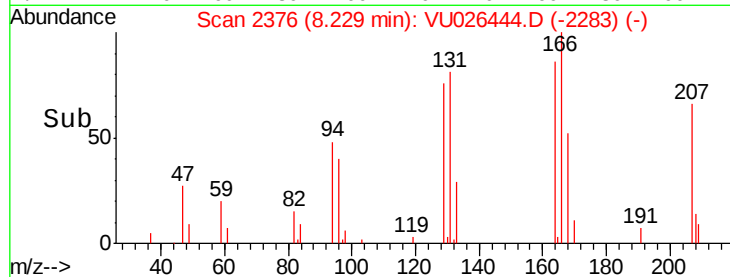
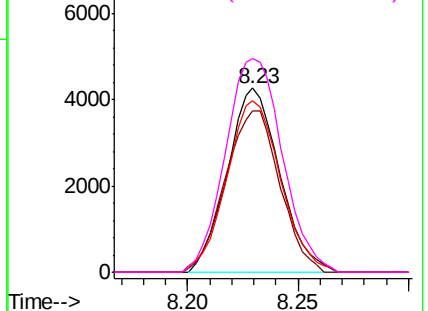
#46
Tetrachloroethene
Concen: 8.665 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026444.D
Acq: 30 Aug 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 7041
Ion Ratio Lower Upper
164 100
129 87.7 67.3 125.1
131 93.5 65.3 121.3
166 116.0 90.9 168.7

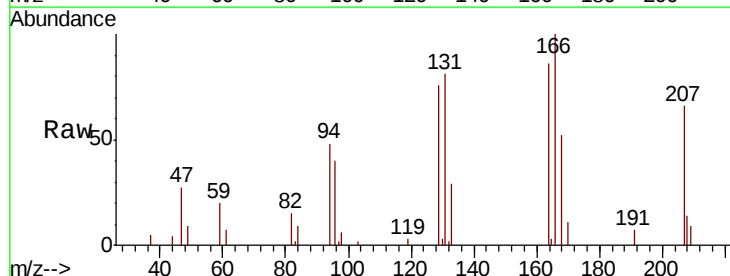


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

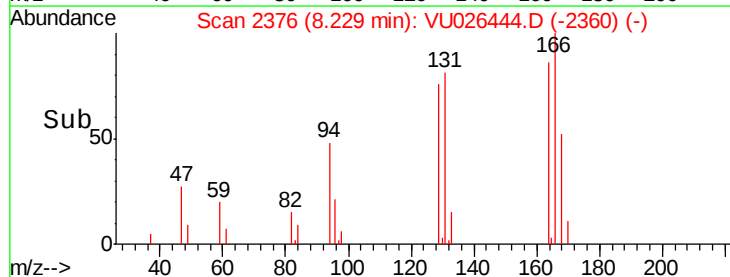
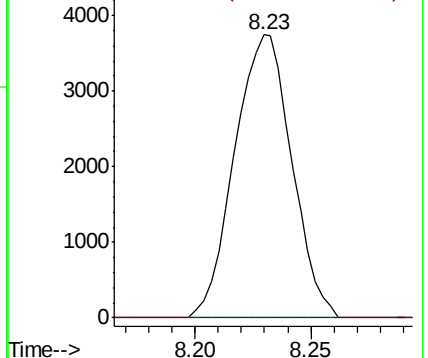


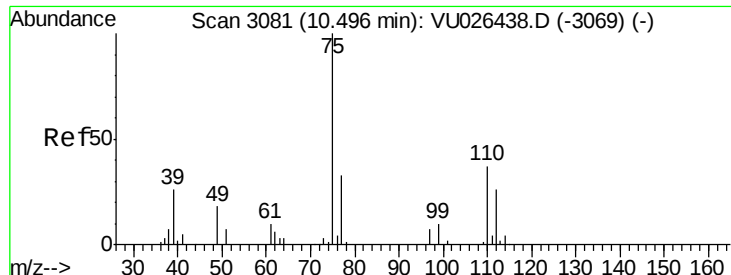
#49
Dibromochloromethane
Concen: 5.660 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026444.D
Acq: 30 Aug 2018 14:12

Tgt Ion:129 Resp: 6409
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: 4.924 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026444.D

Acq: 30 Aug 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6739

Ion Ratio Lower Upper

75 100

77 39.9 25.0 37.6#

