

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026483.D
 Acq On : 31 Aug 2018 05:42
 Operator : MD/SY
 Sample : J4691-06DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 07:12:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	157456	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39889	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.68	69	36963	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.90%
11) 1,1-Dichloroethene-d2	2.27	63	58137	26.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.92%#
21) 2-Butanone-d5	4.18	46	66430	87.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.73%
24) Chloroform-d	4.65	84	74894	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.30%
26) 1,2-Dichloroethane-d4	5.31	65	53694	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
32) Benzene-d6	5.34	84	153275	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
36) 1,2-Dichloropropane-d6	6.33	67	52959	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.78%
41) Toluene-d8	7.57	98	141176	42.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.22%
43) trans-1,3-Dichloropropene-	7.85	79	22208	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
47) 2-Hexanone-d5	8.31	63	52141	95.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74634	42.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	56844	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%

Target Compounds

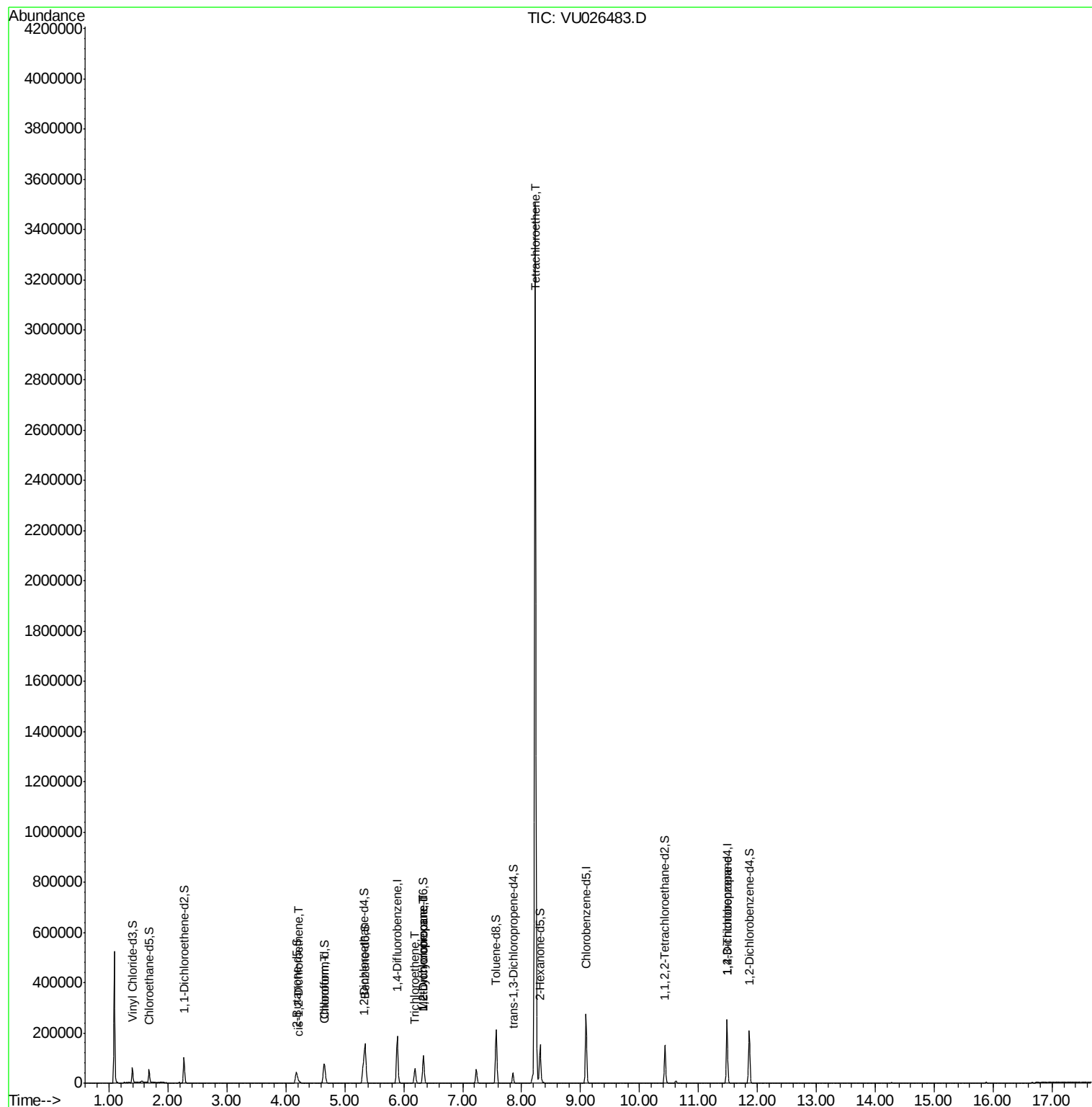
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	1574	1.382	ug/L 78
25) Chloroform	4.67	83	3465	1.699	ug/L 95
34) Trichloroethene	6.19	95	20145	18.590	ug/L 99
35) Methylcyclohexane	6.34	83	12125	7.166	ug/L # 17
37) 1,2-Dichloropropane	6.33	63	5622	4.701	ug/L # 88
46) Tetrachloroethene	8.23	164	760441	858.332	ug/L 97
59) 1,2,3-Trichloropropane	11.48	75	7458	4.998	ug/L # 84

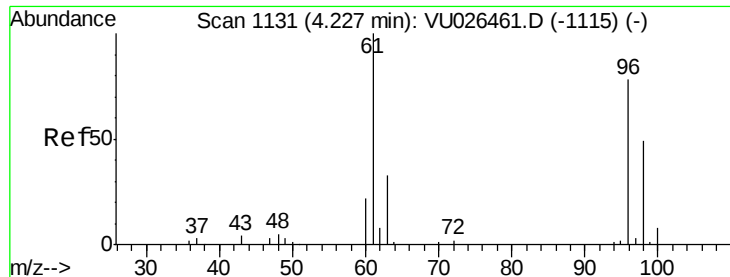
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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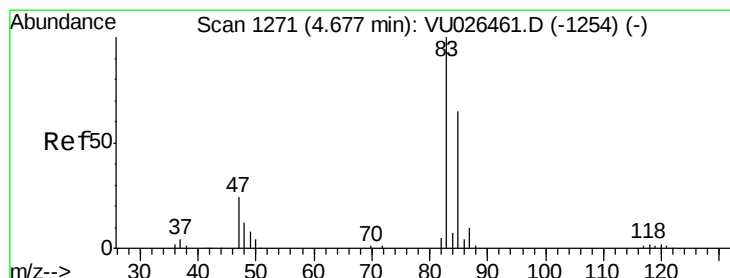
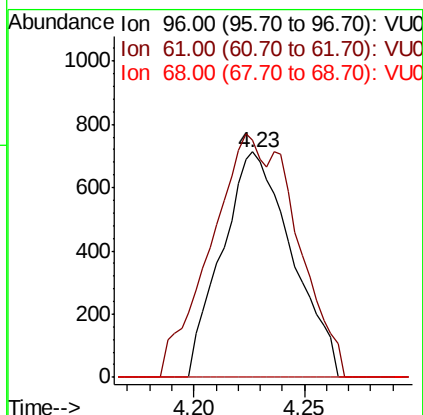
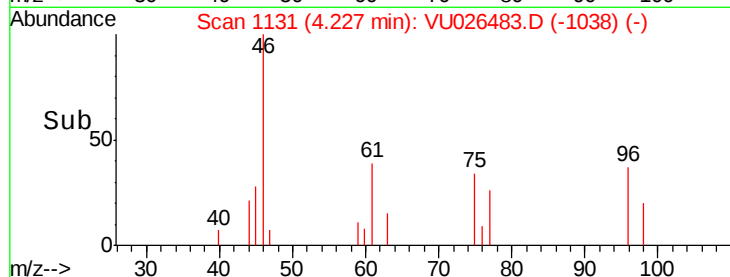
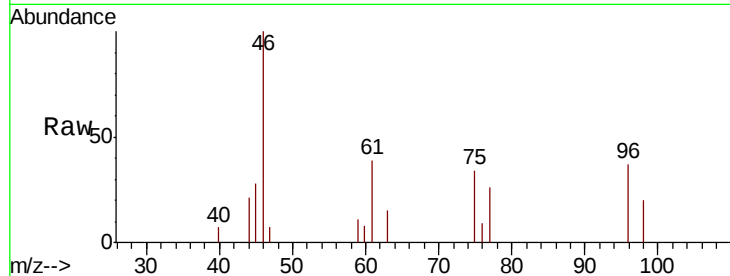




#20
 cis-1,2-Dichloroethene
 Concen: 1.382 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026483.D
 Acq: 31 Aug 2018 05:42

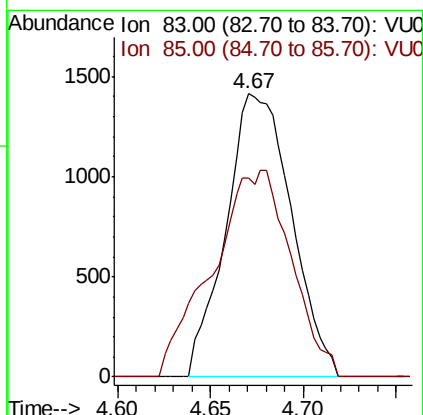
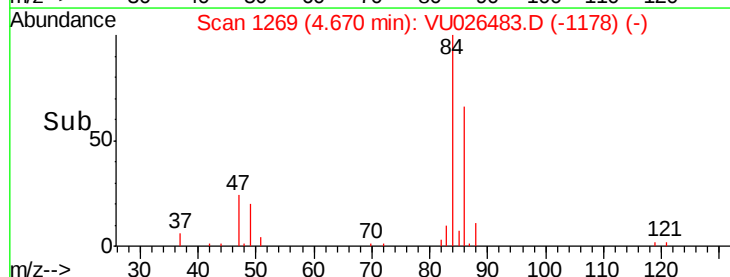
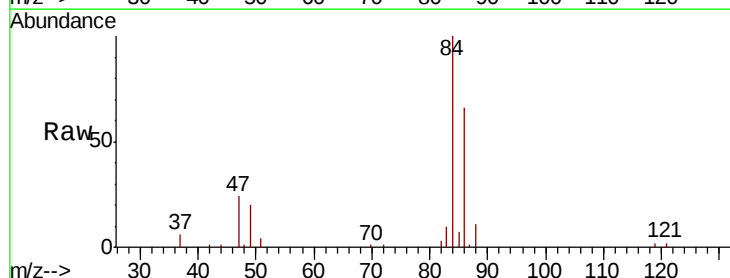
Instrument :
 MSVOA_U
 ClientSampleId :

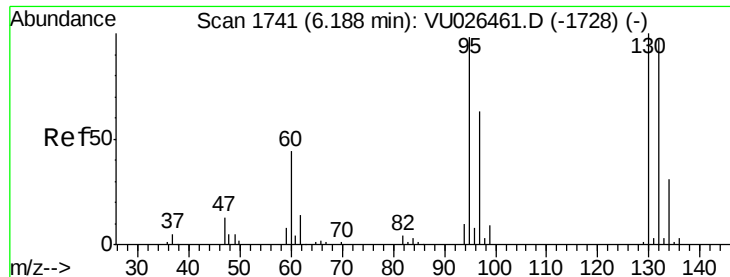
Tot Ion: 96 Resp: 1574
 Ion Ratio Lower Upper
 96 100
 61 105.5 91.6 170.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.699 ug/L
 RT: 4.67 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VU026483.D
 Acq: 31 Aug 2018 05:42

Tgt Ion: 83 Resp: 3465
 Ion Ratio Lower Upper
 83 100
 85 70.1 46.5 86.5





#34

Trichloroethene

Concen: 18.590 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026483.D

Acq: 31 Aug 2018 05:42

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 20145

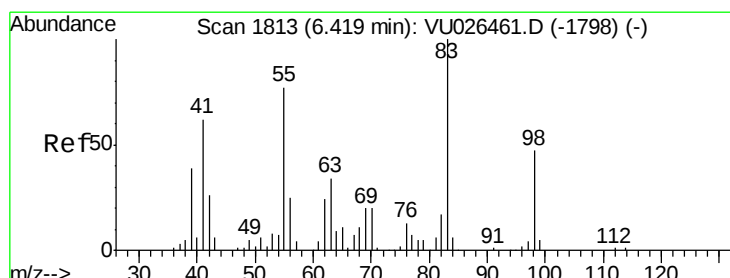
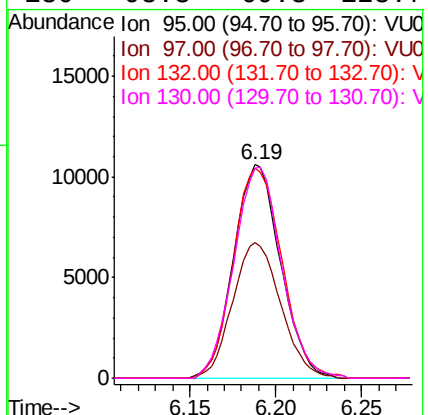
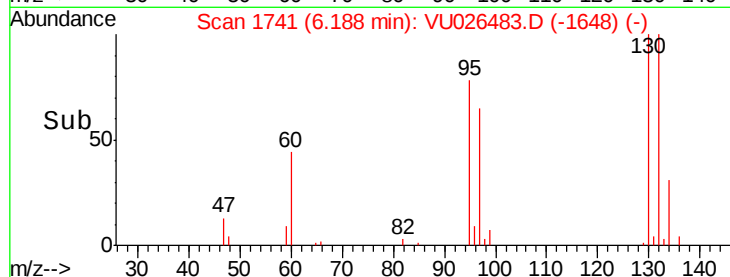
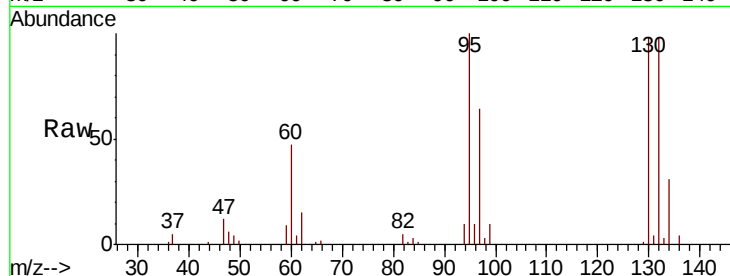
Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.7

132 98.3 67.5 125.3

130 98.3 69.3 128.7



#35

Methylcyclohexane

Concen: 7.166 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026483.D

Acq: 31 Aug 2018 05:42

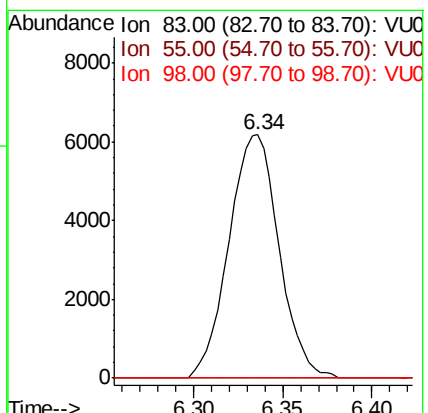
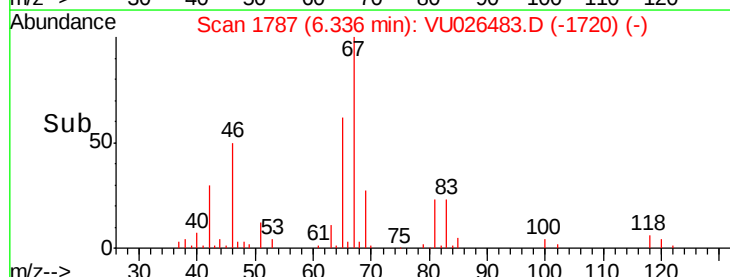
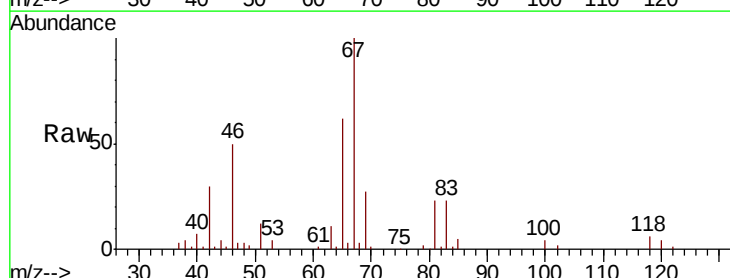
Tgt Ion: 83 Resp: 12125

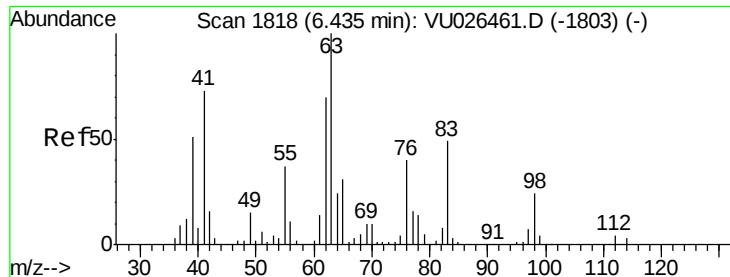
Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

98 0.0 36.7 55.1#





#37

1,2-Dichloropropane

Concen: 4.701 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026483.D

Acq: 31 Aug 2018 05:42

Instrument :

MSVOA_U

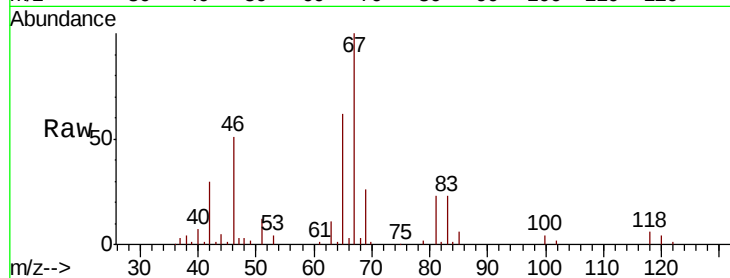
ClientSampleId :

Tot Ion: 63 Resp: 5622

Ion Ratio Lower Upper

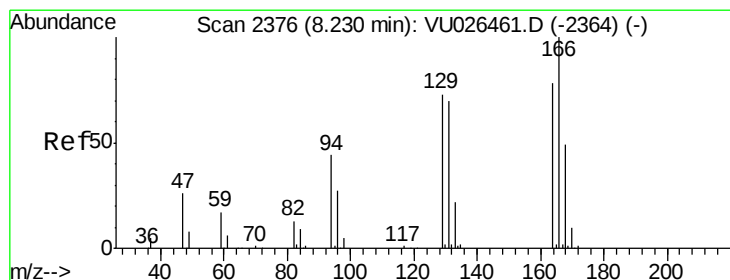
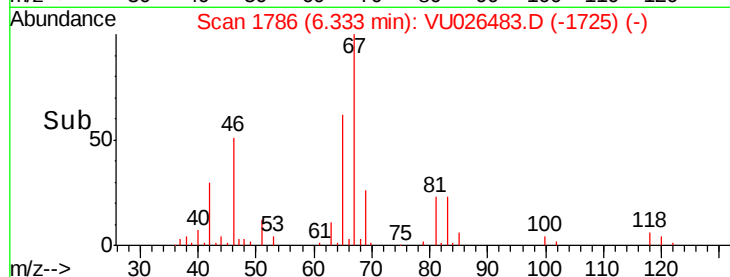
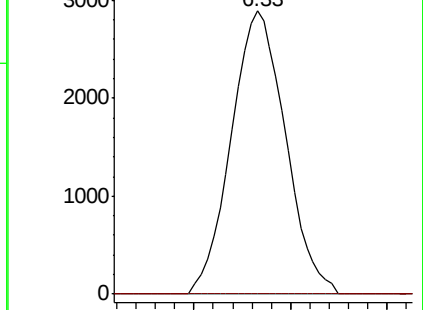
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026483.D (-1725) (-)

Ion 112.00 (111.70 to 112.70): VU026483.D (-1725) (-)



#46

Tetrachloroethene

Concen: 858.332 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026483.D

Acq: 31 Aug 2018 05:42

Tgt Ion:164 Resp: 760441

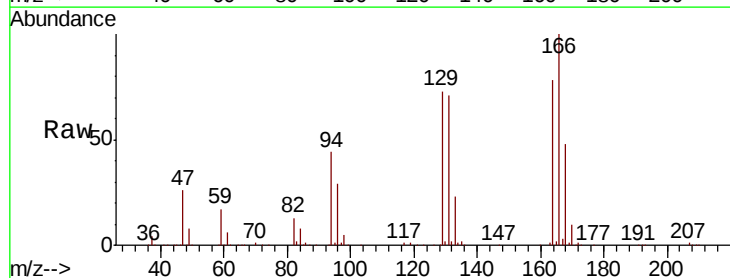
Ion Ratio Lower Upper

164 100

129 93.3 67.3 125.1

131 90.0 65.3 121.3

166 127.5 90.9 168.7

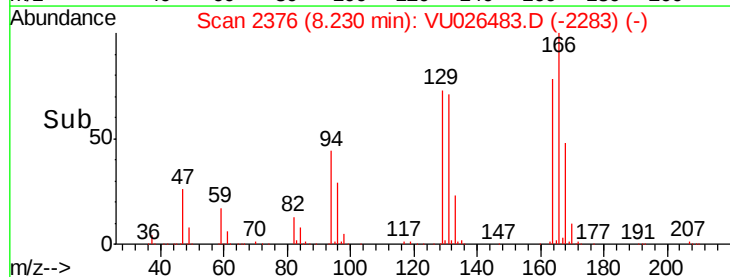
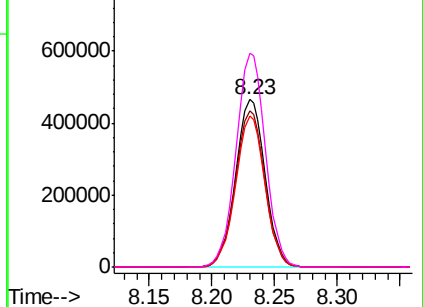


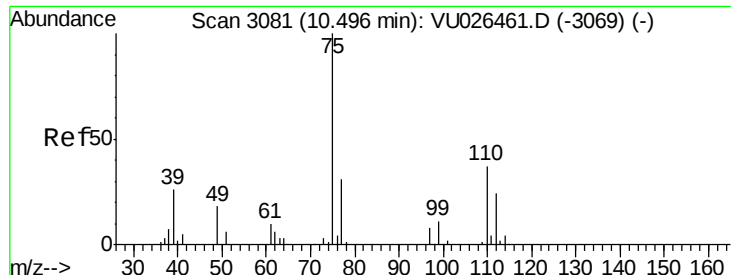
Abundance Ion 164.00 (163.70 to 164.70): VU026483.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026483.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026483.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026483.D (-2283) (-)





#59
 1,2,3-Trichloropropane
 Concen: 4.998 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026483.D
 Acq: 31 Aug 2018 05:42

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7458
 Ion Ratio Lower Upper
 75 100
 77 40.0 25.0 37.6#

