

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026468.D
 Acq On : 30 Aug 2018 23:55
 Operator : MD/SY
 Sample : J4694-07 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:45:05 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	155366	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64771	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41416	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.04%
7) Chloroethane-d5	1.68	69	37615	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.54%
11) 1,1-Dichloroethene-d2	2.27	63	58933	27.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.38%#
21) 2-Butanone-d5	4.18	46	65110	87.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.15%
24) Chloroform-d	4.65	84	76273	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.90%
26) 1,2-Dichloroethane-d4	5.31	65	53384	44.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.20%
32) Benzene-d6	5.35	84	154674	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
36) 1,2-Dichloropropane-d6	6.33	67	53024	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.16%
41) Toluene-d8	7.57	98	141449	42.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	23086	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
47) 2-Hexanone-d5	8.31	63	50803	94.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73704	42.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	57473	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

Target Compounds

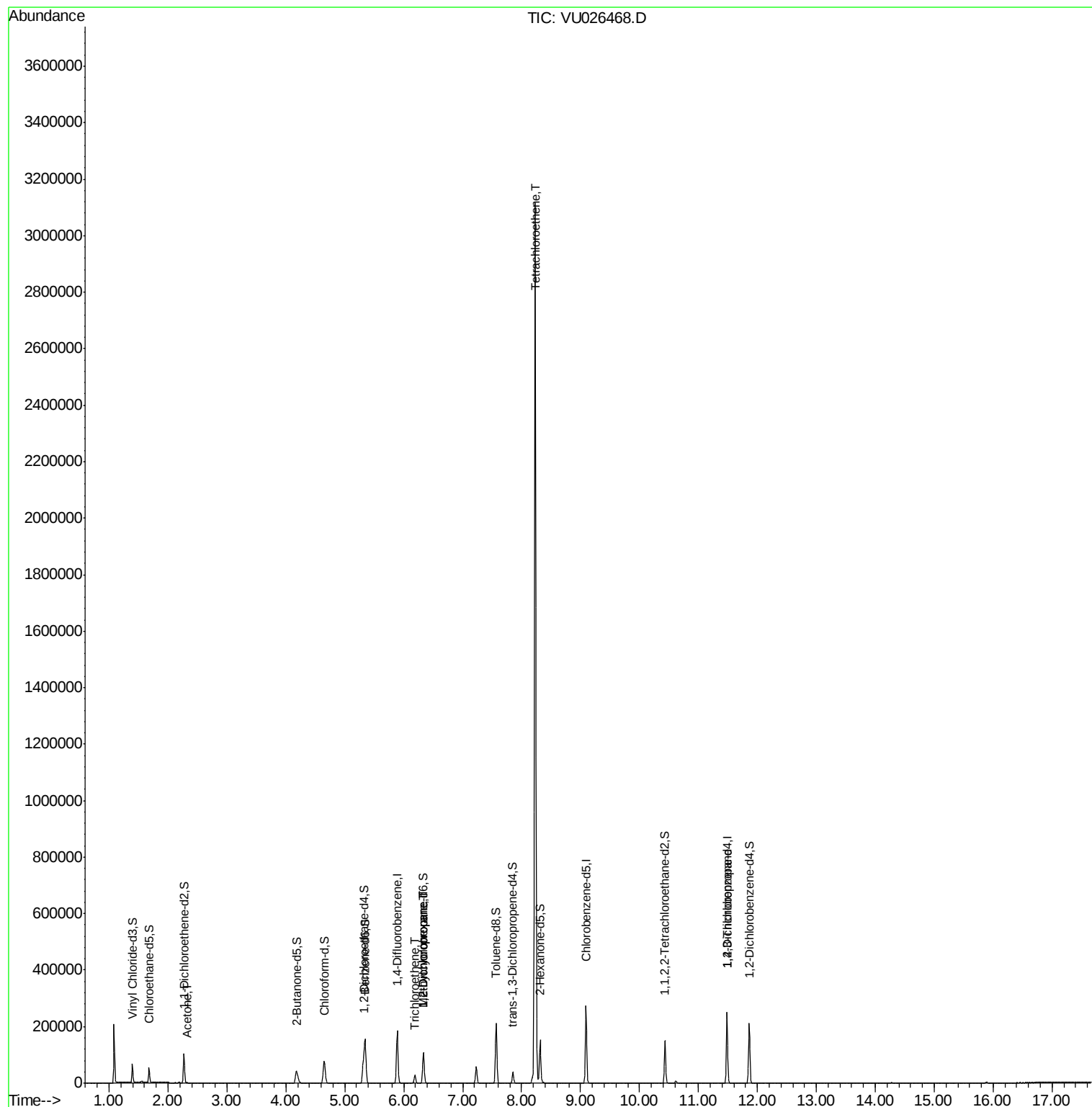
					Ovalue
13) Acetone	2.32	43	1123	1.736	ug/L 80
34) Trichloroethene	6.19	95	10323	9.664	ug/L 98
35) Methylcyclohexane	6.33	83	11968	7.175	ug/L # 18
37) 1,2-Dichloropropane	6.34	63	6091	5.166	ug/L # 88
46) Tetrachloroethene	8.23	164	678590	776.999	ug/L 97
59) 1,2,3-Trichloropropane	11.48	75	7516	5.109	ug/L # 86

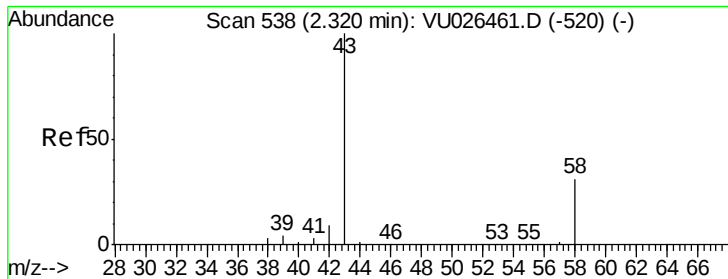
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.736 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026468.D

Acq: 30 Aug 2018 23:55

Instrument :

MSVOA_U

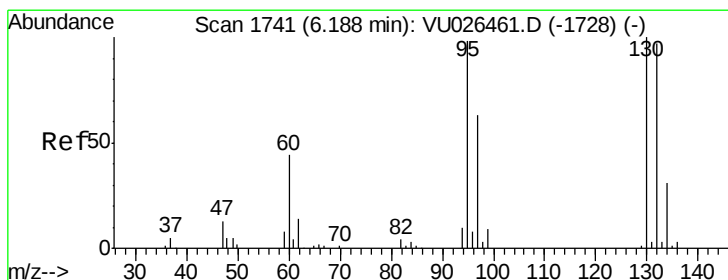
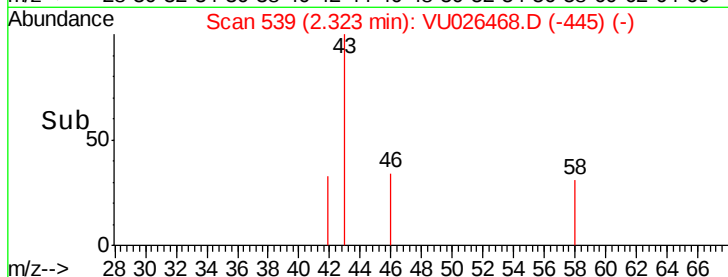
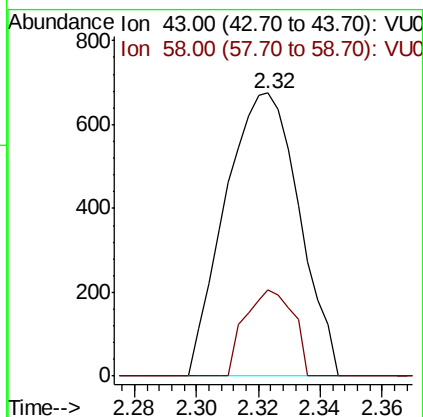
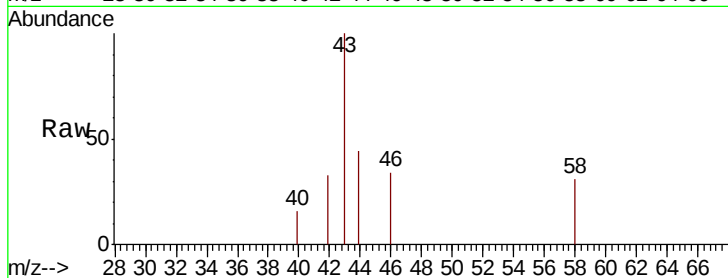
ClientSampleId :

Tot Ion: 43 Resp: 1123

Ion Ratio Lower Upper

43 100

58 19.8 0.0 61.2



#34

Trichloroethene

Concen: 9.664 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026468.D

Acq: 30 Aug 2018 23:55

Tgt Ion: 95 Resp: 10323

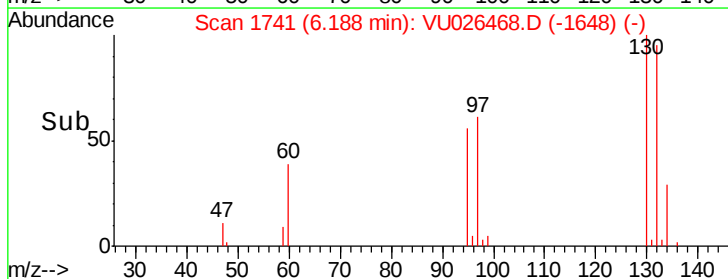
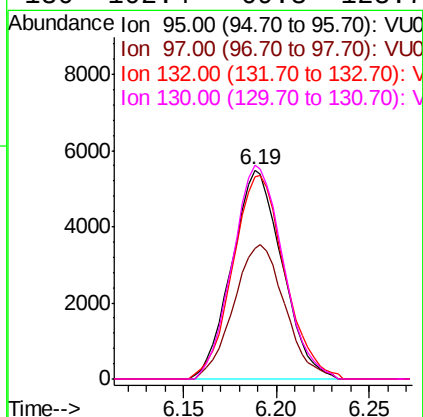
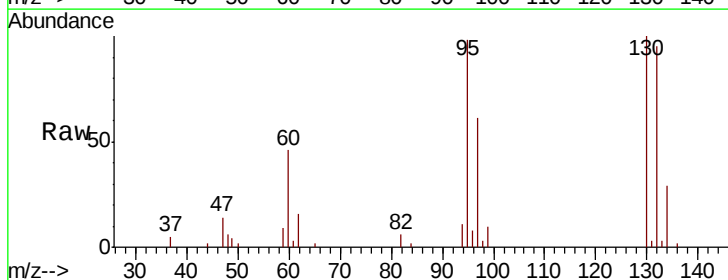
Ion Ratio Lower Upper

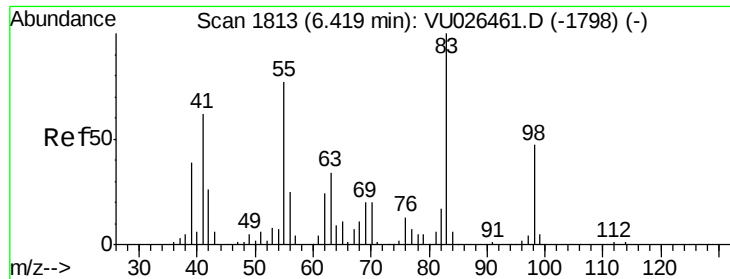
95 100

97 62.6 45.1 83.7

132 96.8 67.5 125.3

130 102.4 69.3 128.7

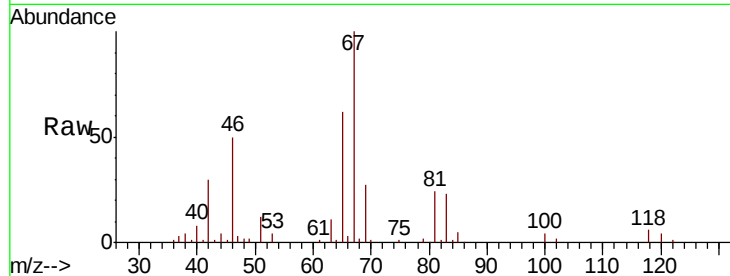




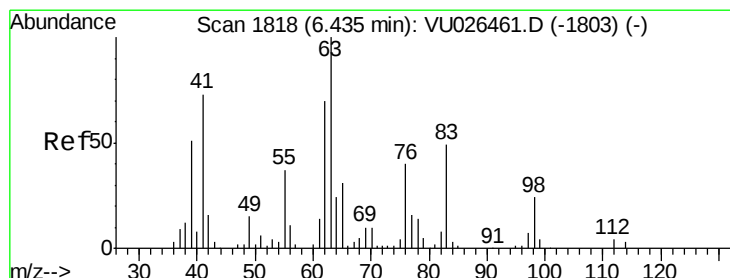
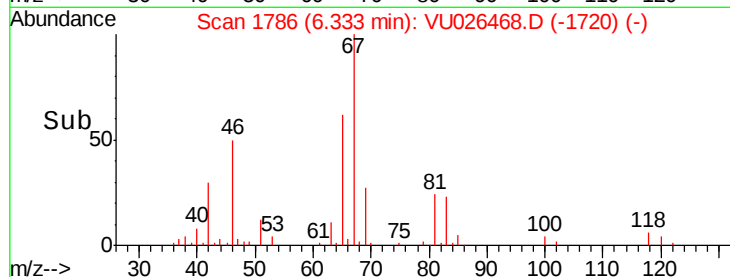
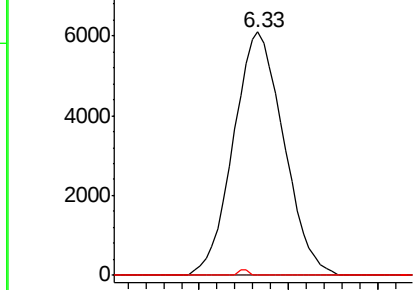
#35
Methvlcvclohexane
Concen: 7.175 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026468.D
Acq: 30 Aug 2018 23:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11968
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.4 36.7 55.1#

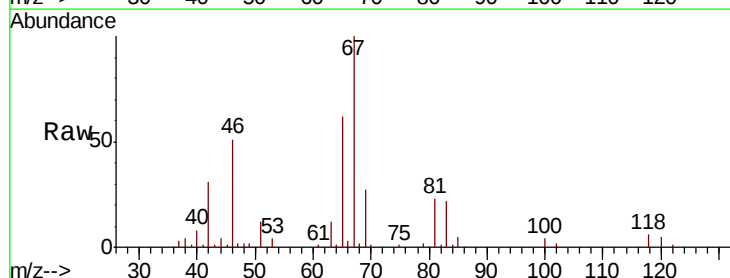


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

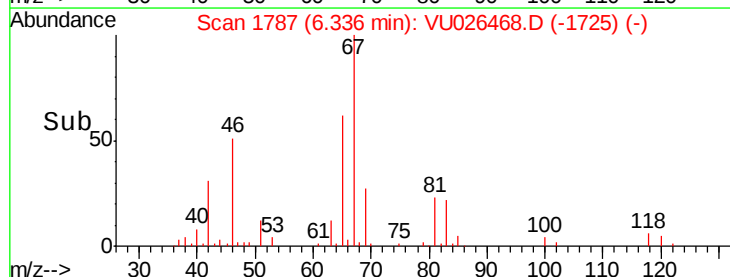
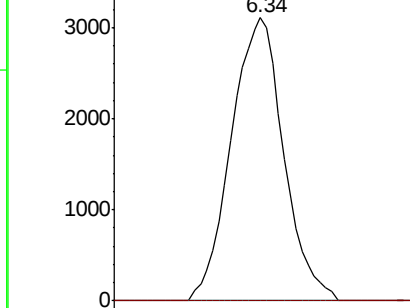


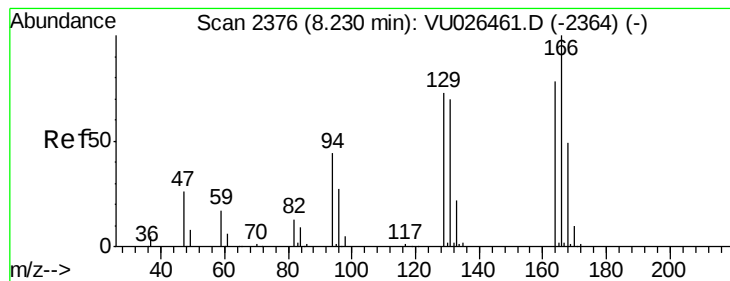
#37
1,2-Dichloropropane
Concen: 5.166 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026468.D
Acq: 30 Aug 2018 23:55

Tgt Ion: 63 Resp: 6091
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: 776.999 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026468.D

Acq: 30 Aug 2018 23:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 678590

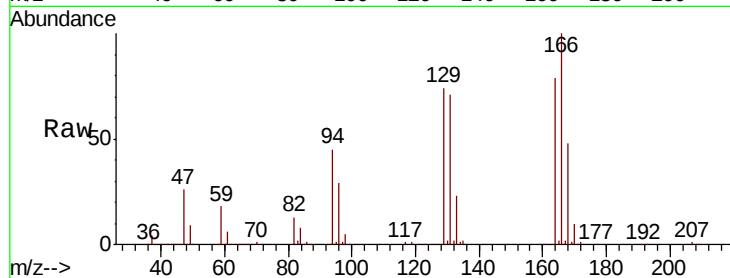
Ion Ratio Lower Upper

164 100

129 94.0 67.3 125.1

131 90.4 65.3 121.3

166 126.6 90.9 168.7

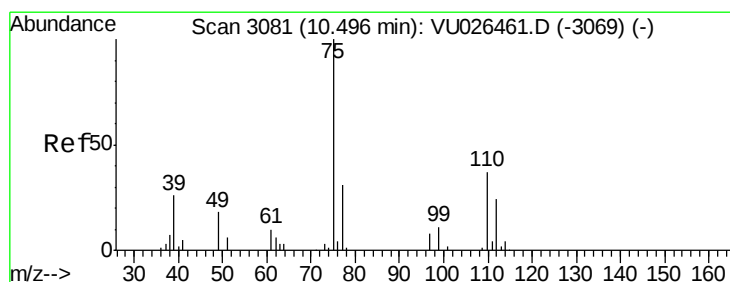
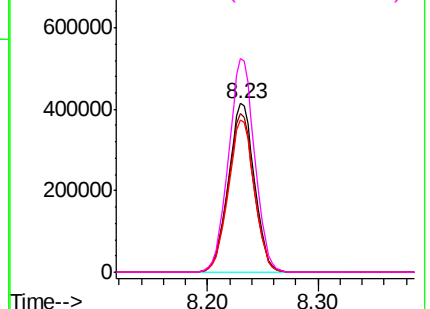
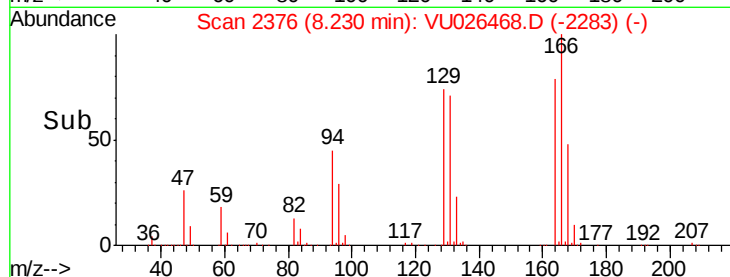


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.109 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026468.D

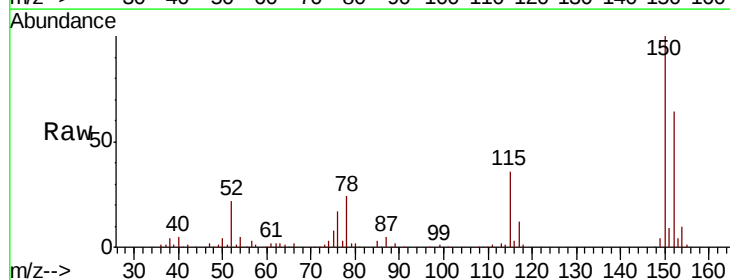
Acq: 30 Aug 2018 23:55

Tgt Ion: 75 Resp: 7516

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

