

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026457.D
 Acq On : 30 Aug 2018 19:16
 Operator : MD/SY
 Sample : J4694-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:25:49 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	150920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	65290	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42392	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.68%
7) Chloroethane-d5	1.68	69	38670	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.58%
11) 1,1-Dichloroethene-d2	2.27	63	57002	27.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.14%#
21) 2-Butanone-d5	4.18	46	66041	91.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.00%
24) Chloroform-d	4.65	84	76485	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
26) 1,2-Dichloroethane-d4	5.31	65	53859	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
32) Benzene-d6	5.35	84	154735	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.33	67	53295	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.78%
41) Toluene-d8	7.57	98	145309	44.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.04%
43) trans-1,3-Dichloropropene-	7.85	79	23261	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.31	63	51975	97.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.57%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	75198	43.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	59469	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

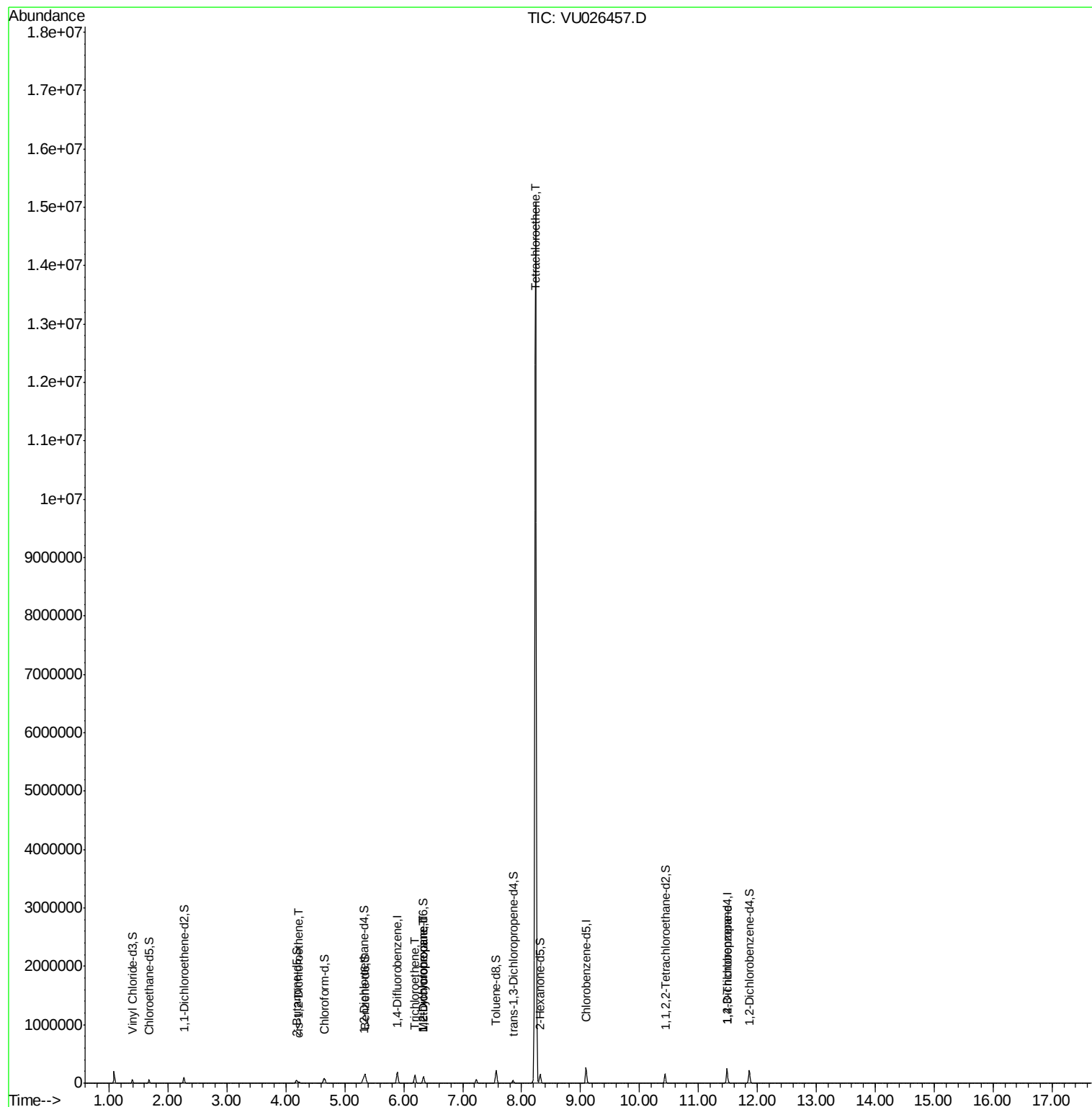
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	4000	3.664	ug/L 86
34) Trichloroethene	6.19	95	49522	46.949	ug/L 98
35) Methylcyclohexane	6.34	83	12122	7.360	ug/L # 18
37) 1,2-Dichloropropane	6.34	63	5880	5.051	ug/L # 88
46) Tetrachloroethene	8.24	164	3171734	3677.824	ug/L 97
59) 1,2,3-Trichloropropane	11.49	75	7526	5.181	ug/L # 84

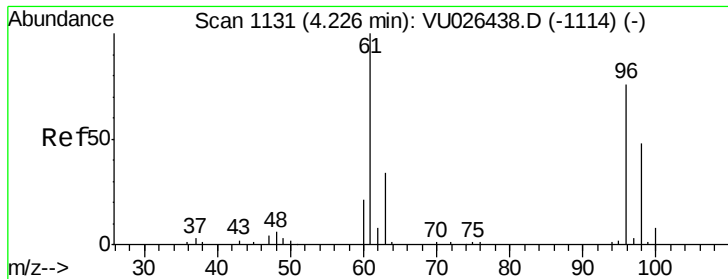
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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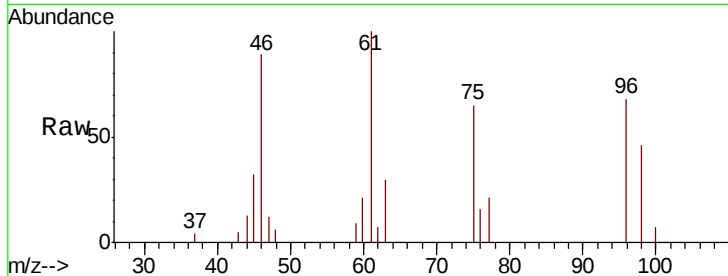




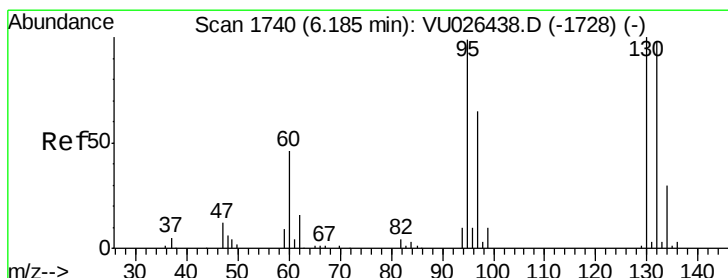
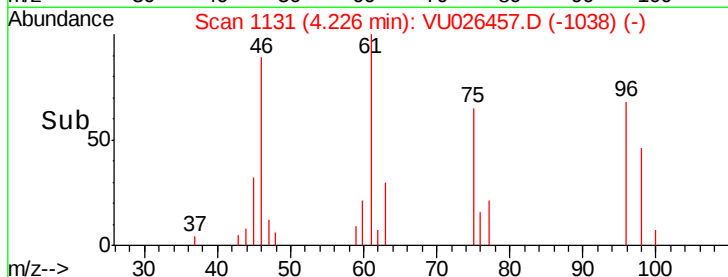
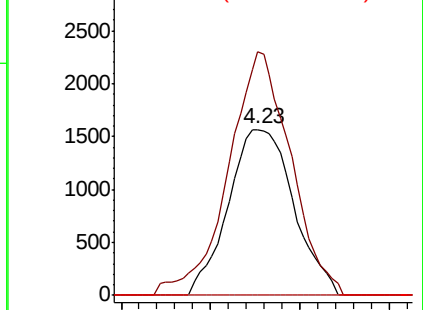
#20
 cis-1,2-Dichloroethene
 Concen: 3.664 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026457.D
 Acq: 30 Aug 2018 19:16

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 4000
 Ion Ratio Lower Upper
 96 100
 61 147.0 91.6 170.2
 68 0.0 0.0 0.0

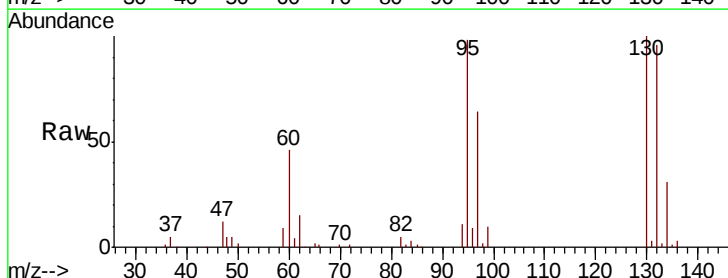


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

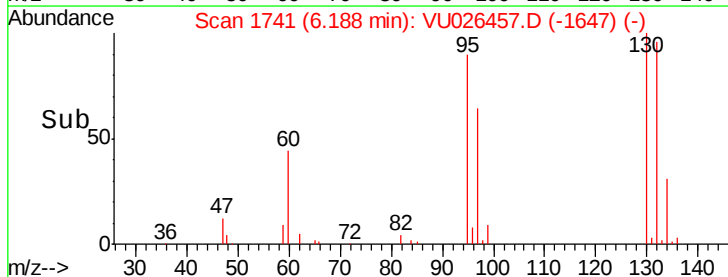
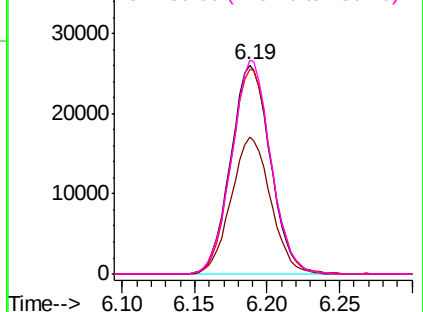


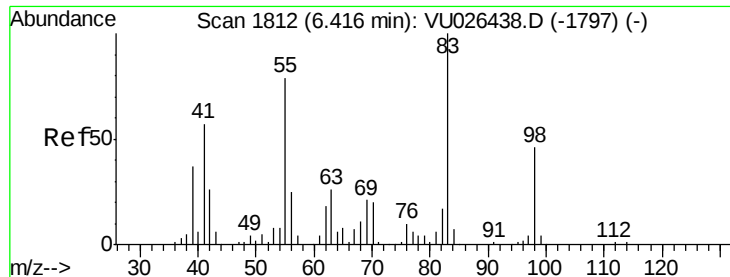
#34
 Trichloroethene
 Concen: 46.949 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026457.D
 Acq: 30 Aug 2018 19:16

Tgt Ion: 95 Resp: 49522
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.1 83.7
 132 98.1 67.5 125.3
 130 102.1 69.3 128.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

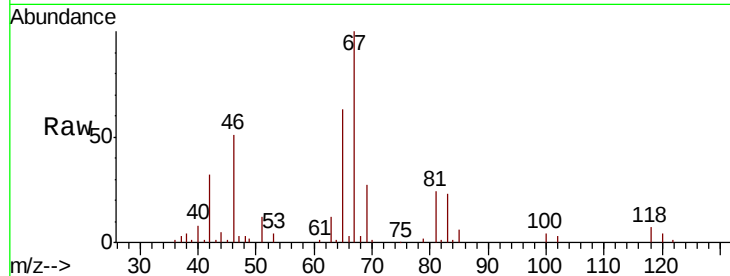




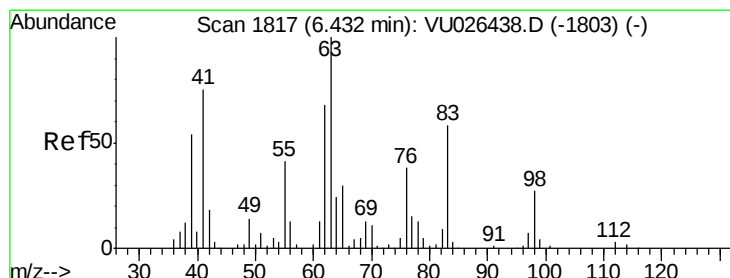
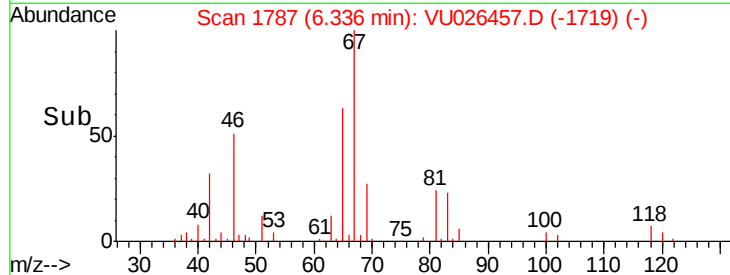
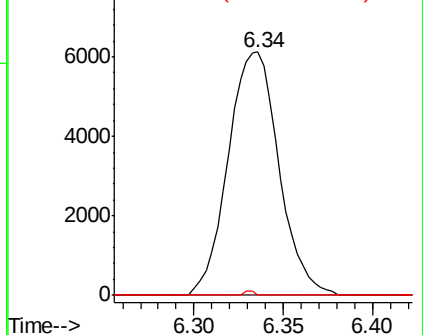
#35
Methylcyclohexane
Concen: 7.360 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026457.D
Acq: 30 Aug 2018 19:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12122
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.3 36.7 55.1#

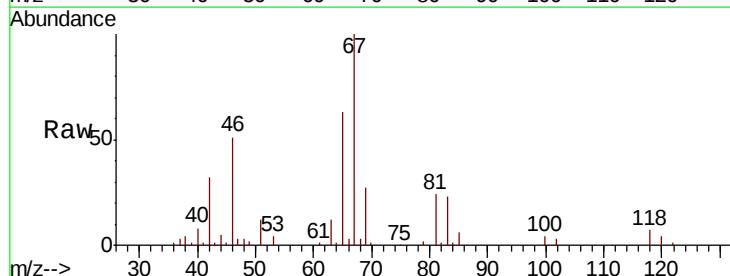


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

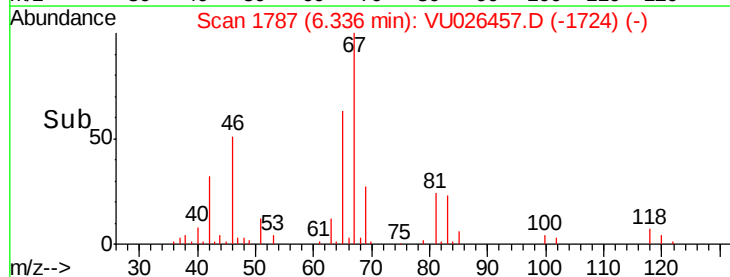
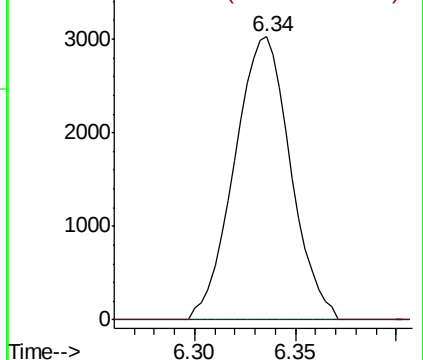


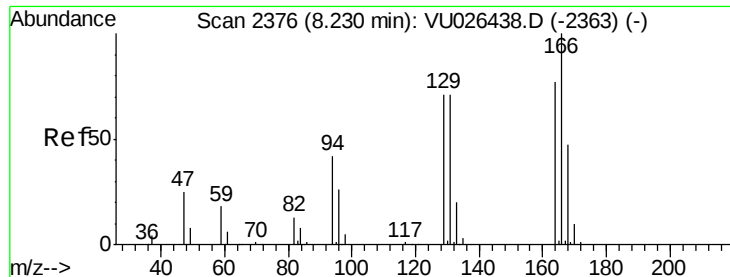
#37
1,2-Dichloropropane
Concen: 5.051 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026457.D
Acq: 30 Aug 2018 19:16

Tgt Ion: 63 Resp: 5880
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: 3677.824 ug/L

RT: 8.24 min Scan# 2378

Delta R.T. 0.01 min

Lab File: VU026457.D

Acq: 30 Aug 2018 19:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 3171734

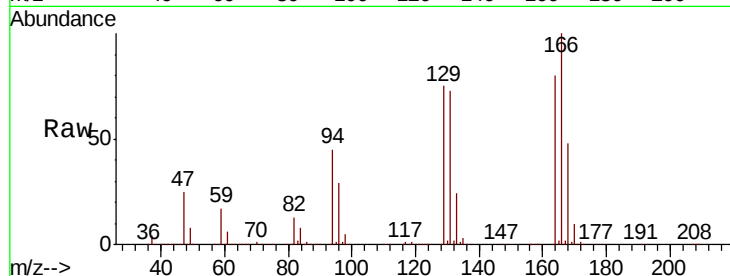
Ion Ratio Lower Upper

164 100

129 94.4 67.3 125.1

131 91.4 65.3 121.3

166 125.6 90.9 168.7

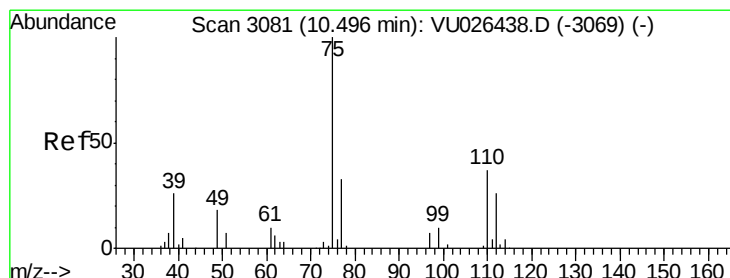
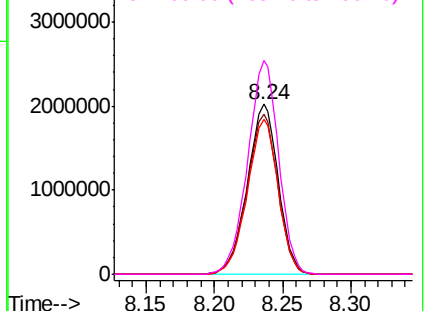
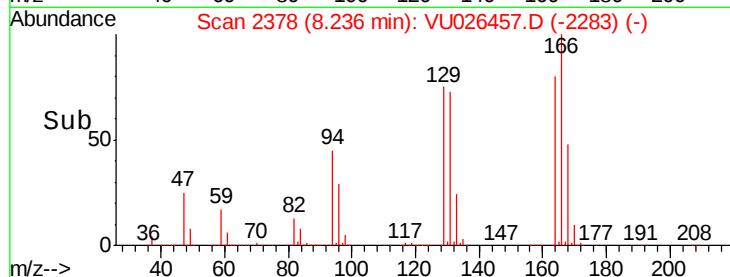


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.181 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026457.D

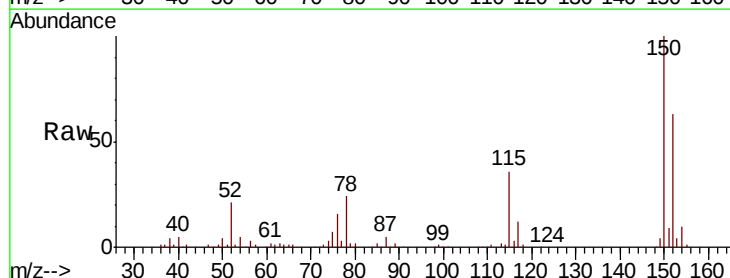
Acq: 30 Aug 2018 19:16

Tgt Ion: 75 Resp: 7526

Ion Ratio Lower Upper

75 100

77 40.1 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

