

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072618\
 Data File : VU025651.D
 Acq On : 26 Jul 2018 15:24
 Operator : MD/SY
 Sample : J4148-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SX2

Quant Time: Jul 27 02:04:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303103	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	286494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149066	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77341	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.40%
7) Chloroethane-d5	1.68	69	65804	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	119758	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.48%
21) 2-Butanone-d5	4.18	46	146074	109.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	4.65	84	174697	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.31	65	120969	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
32) Benzene-d6	5.35	84	337199	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
36) 1,2-Dichloropropane-d6	6.34	67	112205	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.57	98	315182	44.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.46%
43) trans-1,3-Dichloropropene-	7.85	79	52835	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
47) 2-Hexanone-d5	8.31	63	101517	102.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.40%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156279	47.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	138279	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%

Target Compounds

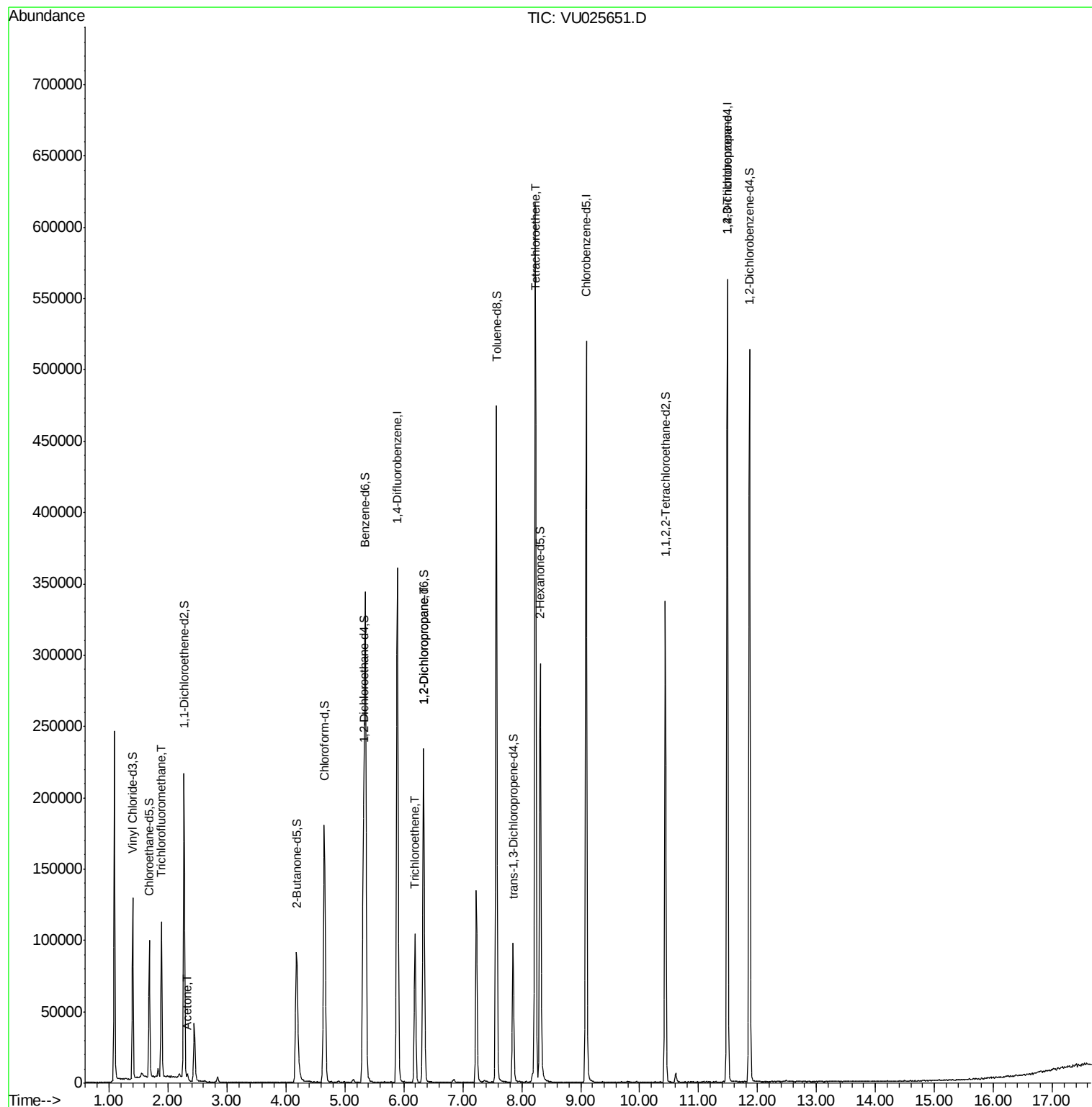
					Qvalue
9) Trichlorofluoromethane	1.89	101	66053	19.608 ug/L	99
13) Acetone	2.32	43	2320	1.480 ug/L	73
34) Trichloroethene	6.19	95	35343	16.181 ug/L	94
37) 1,2-Dichloropropane	6.33	63	12861	5.717 ug/L #	88
46) Tetrachloroethene	8.23	164	136131	71.893 ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	16555	6.266 ug/L #	82

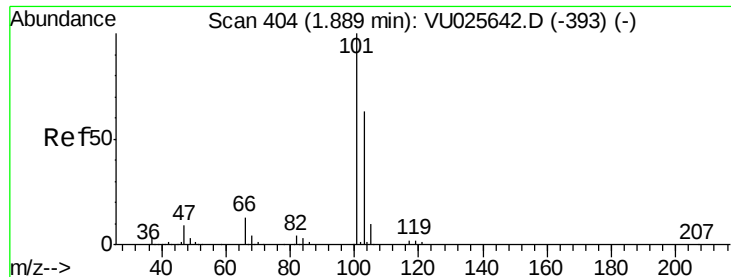
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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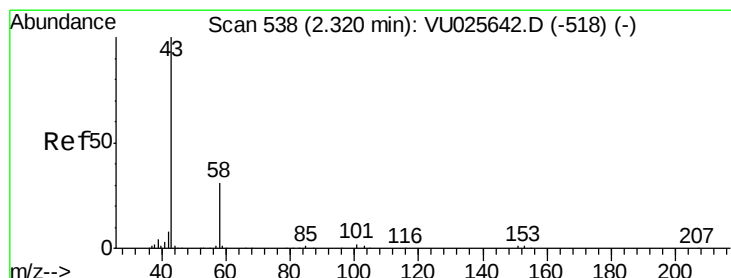
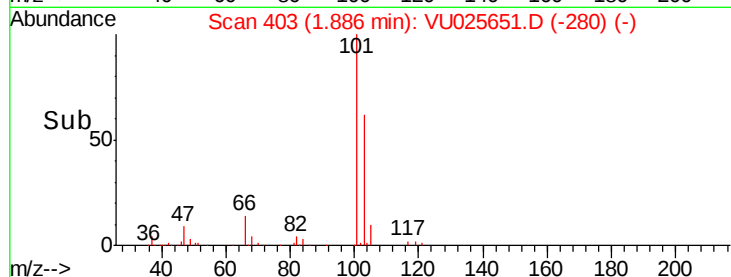
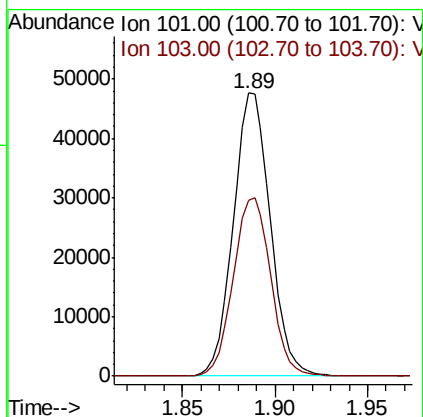
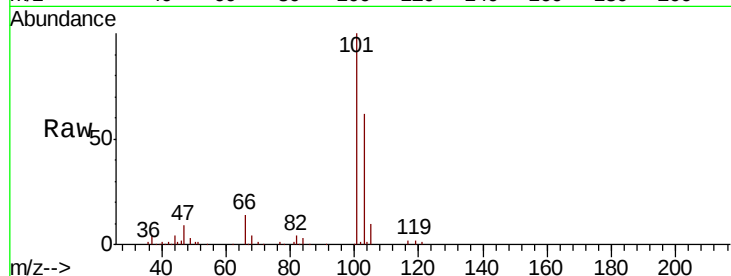


#9

Trichlorofluoromethane
 Concen: 19.608 ug/L
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025651.D
 Acq: 26 Jul 2018 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SX2

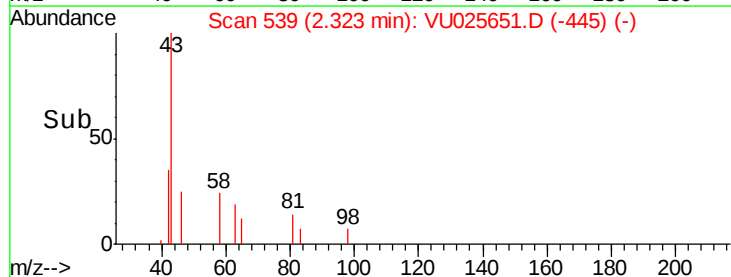
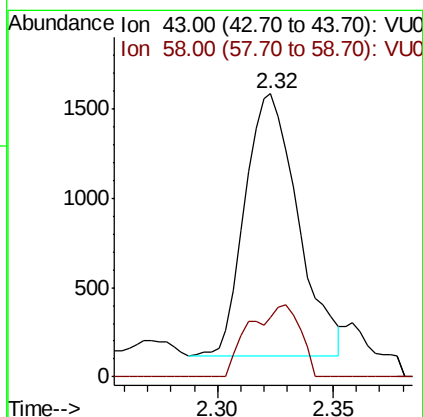
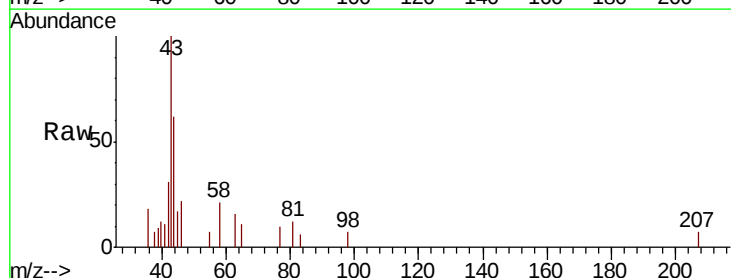
Tgt Ion: 101 Resp: 66053
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.0 78.0

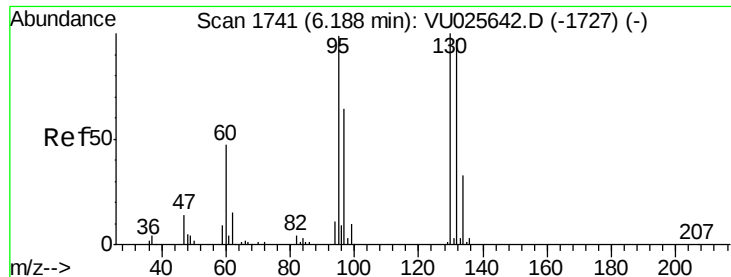


#13

Acetone
 Concen: 1.480 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025651.D
 Acq: 26 Jul 2018 15:24

Tgt Ion: 43 Resp: 2320
 Ion Ratio Lower Upper
 43 100
 58 15.7 0.0 61.2





#34

Trichloroethene

Concen: 16.181 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025651.D

Acq: 26 Jul 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

C0SX2

Tgt Ion: 95 Resp: 35343

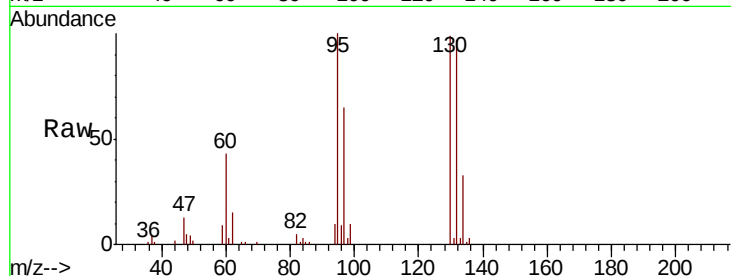
Ion Ratio Lower Upper

95 100

97 64.6 45.9 85.3

132 97.0 72.2 134.2

130 98.6 74.9 139.1



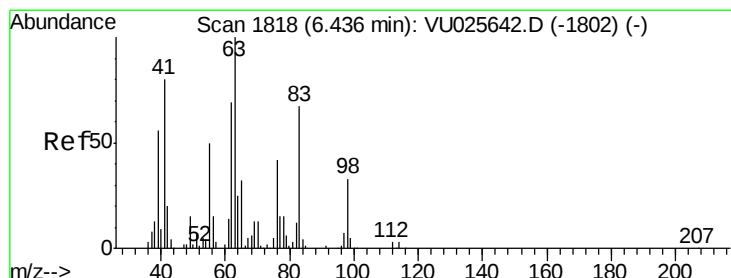
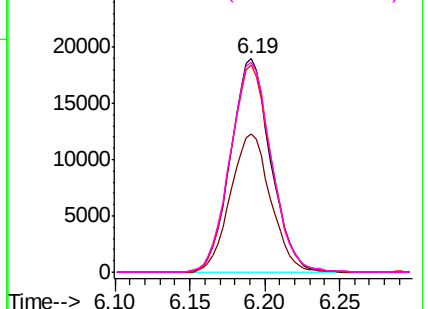
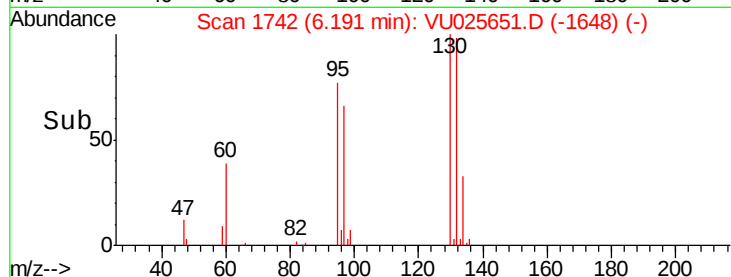
Abundance

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



#37

1,2-Dichloropropane

Concen: 5.717 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025651.D

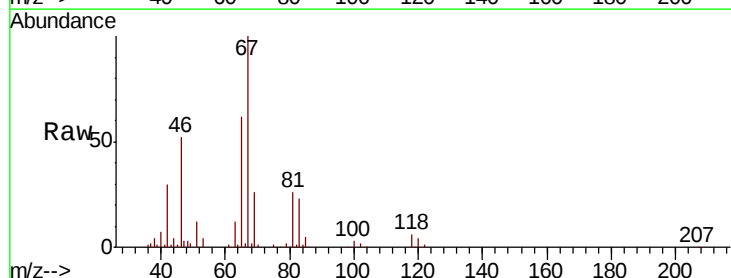
Acq: 26 Jul 2018 15:24

Tgt Ion: 63 Resp: 12861

Ion Ratio Lower Upper

63 100

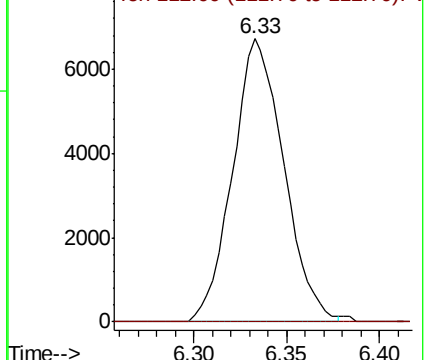
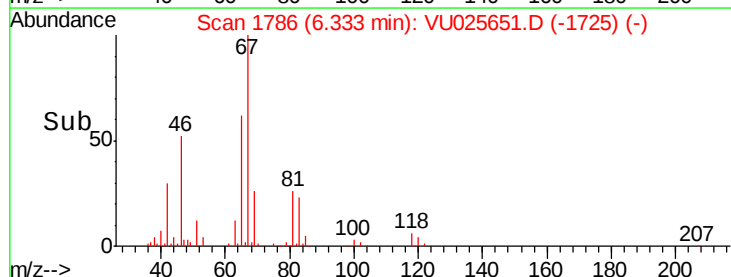
112 0.0 3.3 4.9#

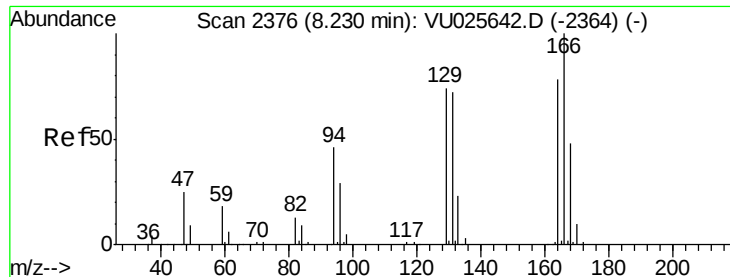


Abundance

Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 71.893 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025651.D

Acq: 26 Jul 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

C0SX2

Tgt Ion:164 Resp: 136131

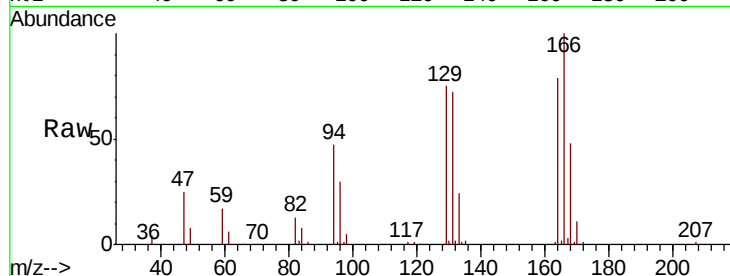
Ion Ratio Lower Upper

164 100

129 95.0 65.1 120.9

131 91.1 62.8 116.6

166 127.0 89.7 166.7

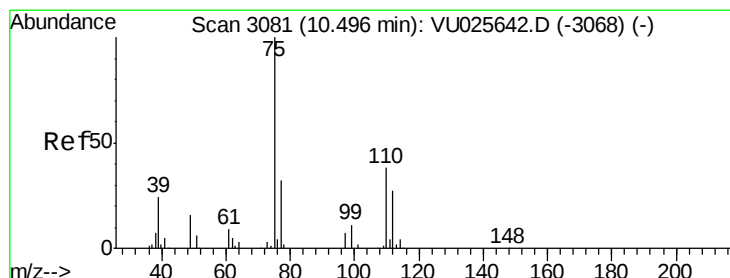
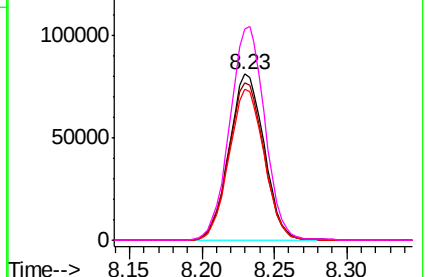
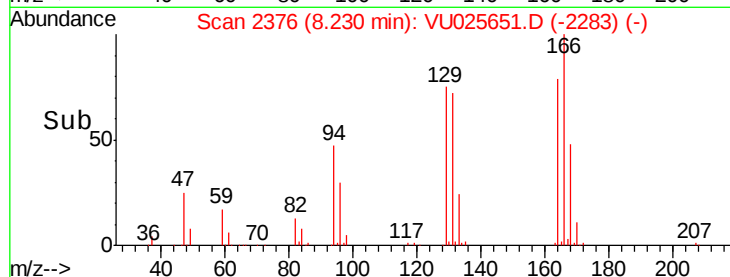


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.266 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025651.D

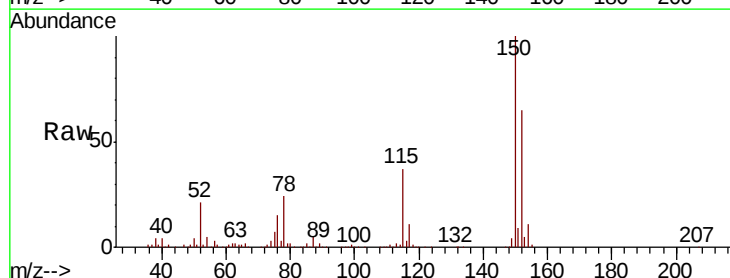
Acq: 26 Jul 2018 15:24

Tgt Ion: 75 Resp: 16555

Ion Ratio Lower Upper

75 100

77 42.6 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

