

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026470.D
 Acq On : 31 Aug 2018 00:41
 Operator : MD/SY
 Sample : J4694-09 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:45:19 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	149311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	140569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60361	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41676	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.10%
7) Chloroethane-d5	1.68	69	36522	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.27	63	55733	26.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.50%#
21) 2-Butanone-d5	4.18	46	66154	92.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.14%
24) Chloroform-d	4.65	84	75886	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
26) 1,2-Dichloroethane-d4	5.31	65	52710	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
32) Benzene-d6	5.34	84	151856	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.33	67	52889	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.04%
41) Toluene-d8	7.57	98	137822	44.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.14%
43) trans-1,3-Dichloropropene-	7.85	79	22518	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.60%
47) 2-Hexanone-d5	8.31	63	47601	93.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72596	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	54180	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%

Target Compounds

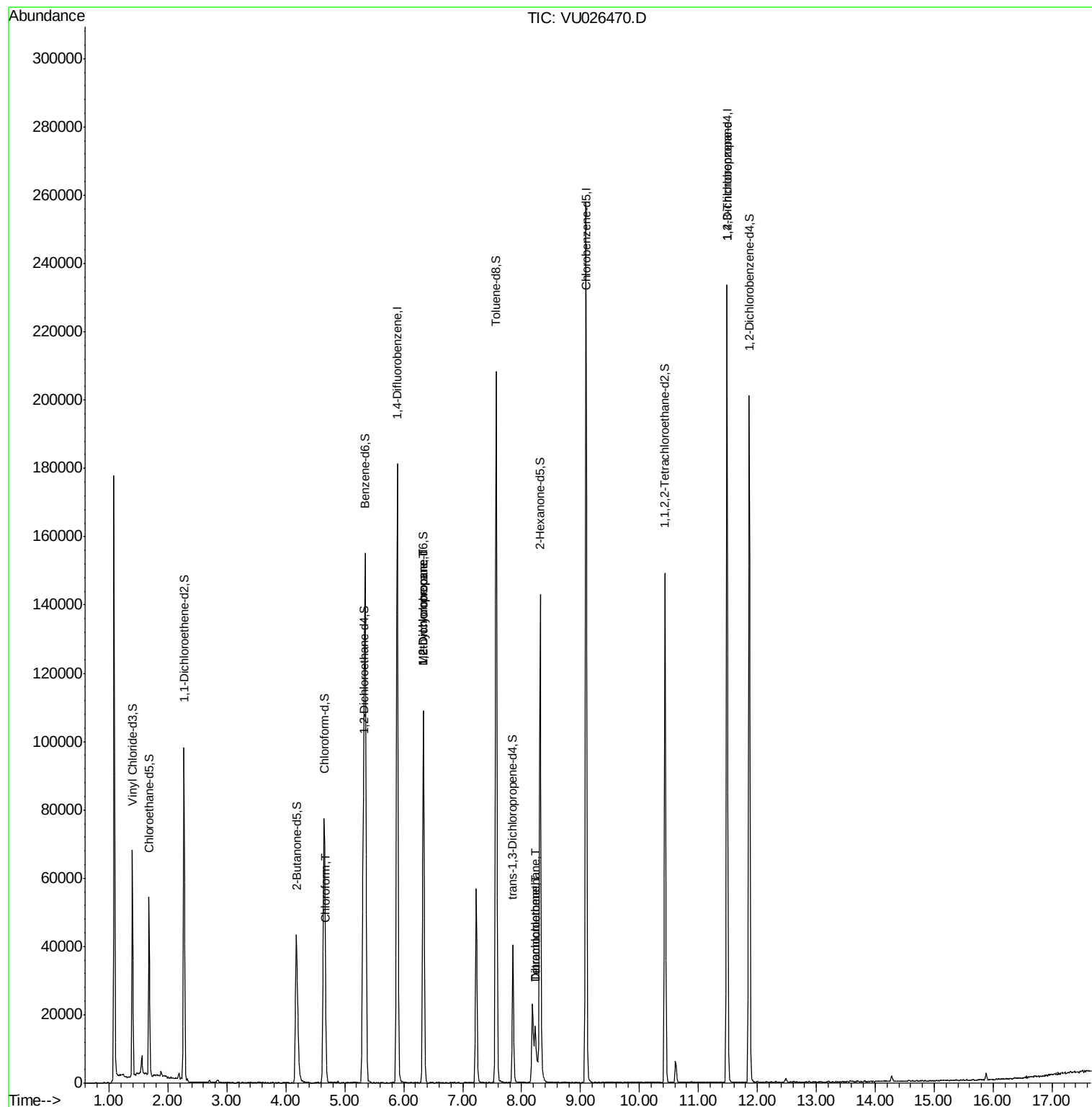
					Ovalue
25) Chloroform	4.68	83	2345	1.212 ug/L	91
35) Methylcyclohexane	6.33	83	11814	7.485 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5594	5.014 ug/L #	88
46) Tetrachloroethene	8.23	164	2480	3.001 ug/L	93
49) Dibromochloromethane	8.23	129	2141	1.859 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7224	5.189 ug/L	91

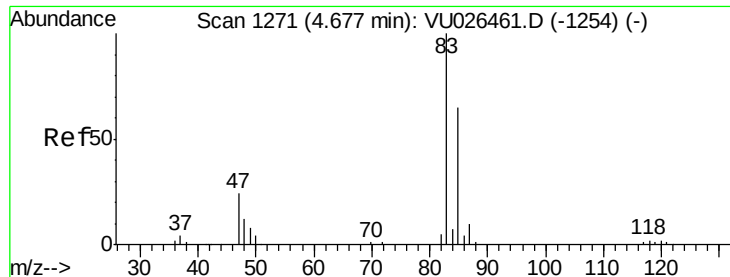
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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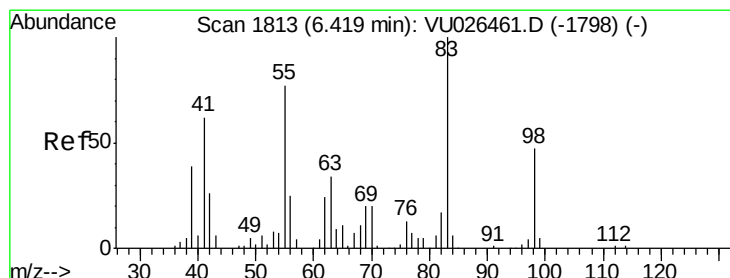
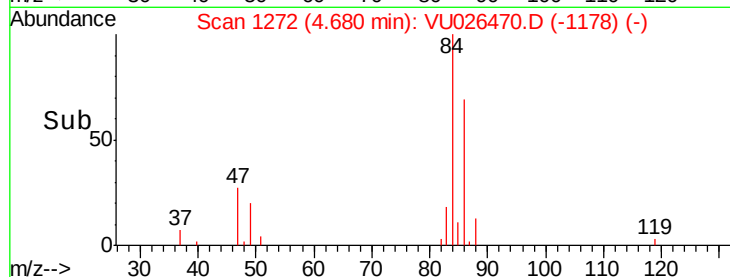
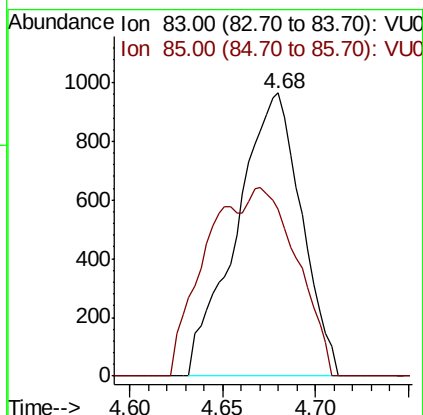
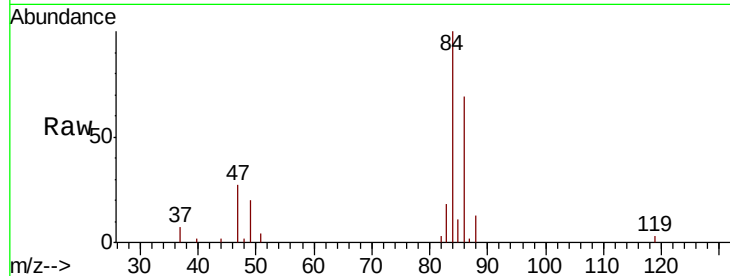




#25
Chloroform
Concen: 1.212 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU026470.D
Acq: 31 Aug 2018 00:41

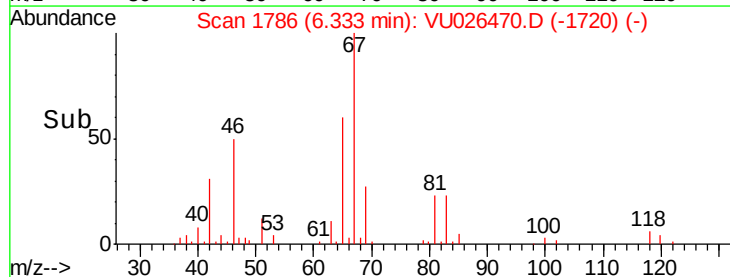
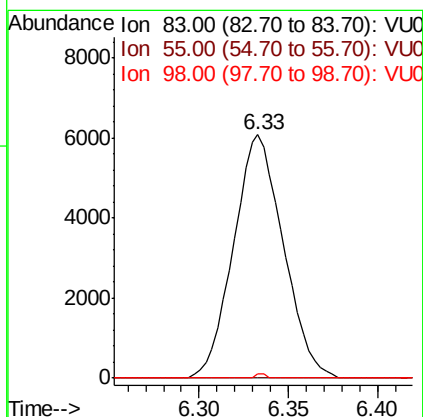
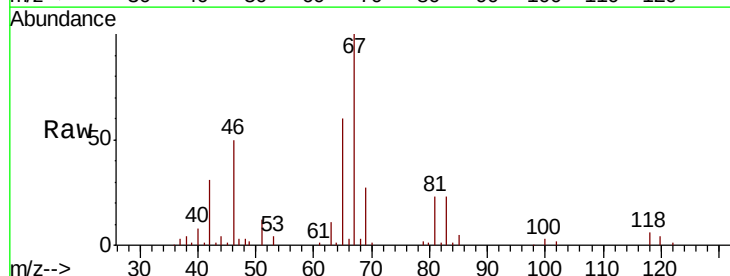
Instrument :
MSVOA_U
ClientSampled :

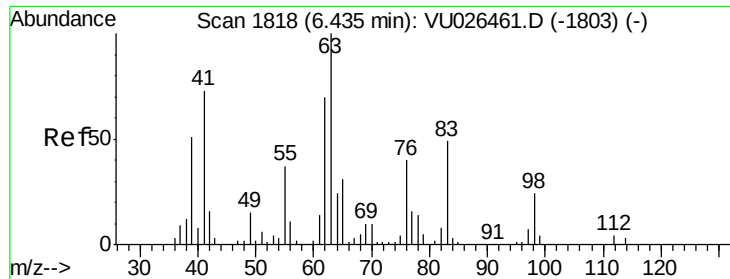
Tot Ion: 83 Resp: 2345
Ion Ratio Lower Upper
83 100
85 59.0 46.5 86.5



#35
Methylcyclohexane
Concen: 7.485 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026470.D
Acq: 31 Aug 2018 00:41

Tgt Ion: 83 Resp: 11814
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.3 36.7 55.1#

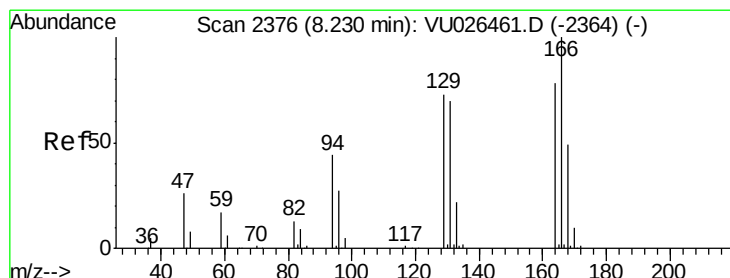
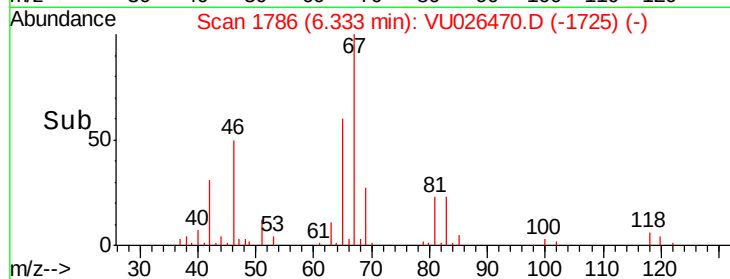
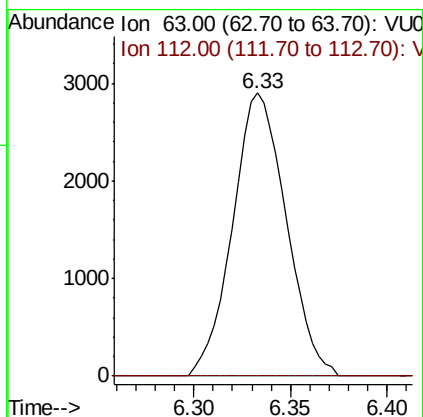
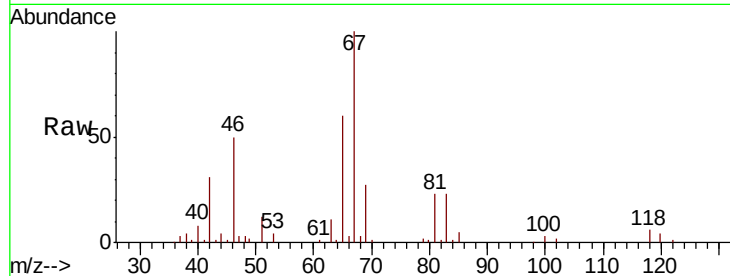




#37
 1,2-Dichloropropane
 Concen: 5.014 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026470.D
 Acq: 31 Aug 2018 00:41

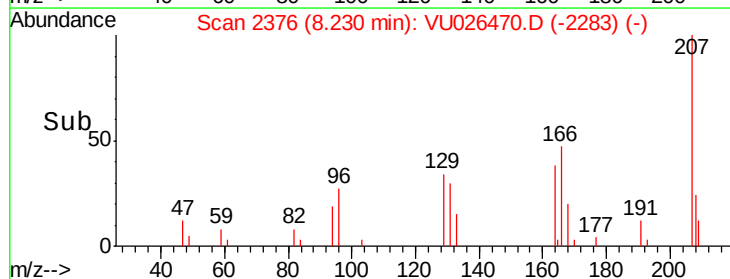
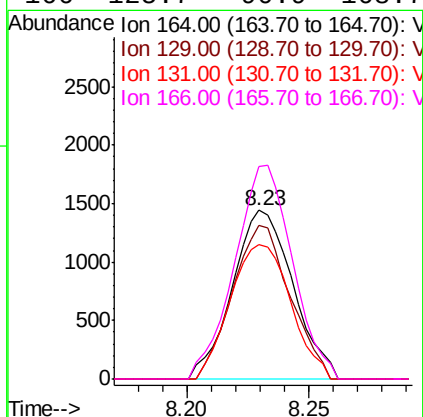
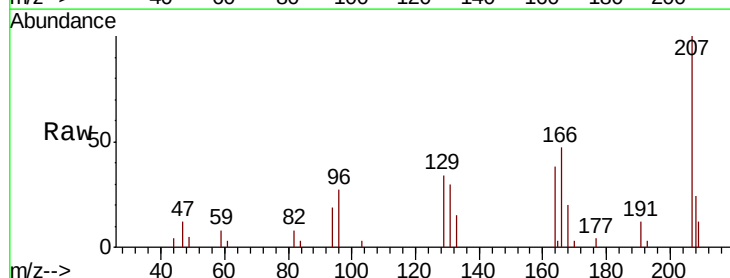
Instrument :
 MSVOA_U
 ClientSampleId :

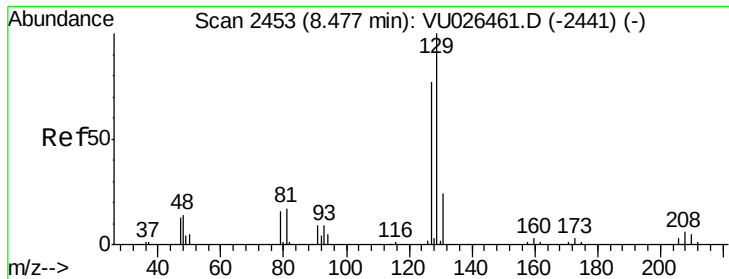
Tot Ion: 63 Resp: 5594
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 3.001 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026470.D
 Acq: 31 Aug 2018 00:41

Tgt Ion:164 Resp: 2480
 Ion Ratio Lower Upper
 164 100
 129 90.7 67.3 125.1
 131 79.5 65.3 121.3
 166 125.7 90.9 168.7





#49

Dibromochloromethane

Concen: 1.859 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026470.D

Acq: 31 Aug 2018 00:41

Instrument :

MSVOA_U

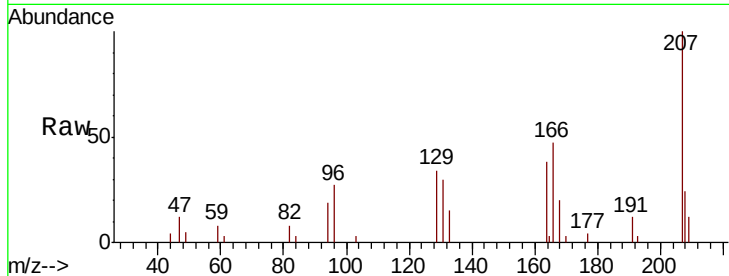
ClientSampled :

Tot Ion:129 Resp: 2141

Ion Ratio Lower Upper

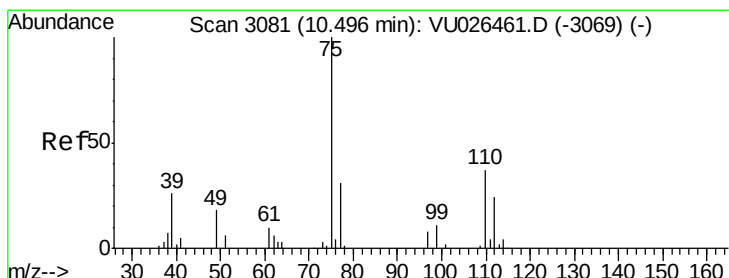
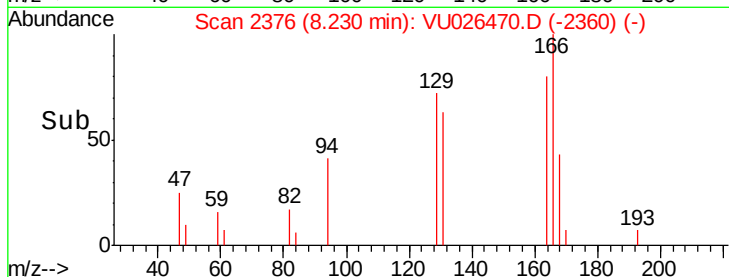
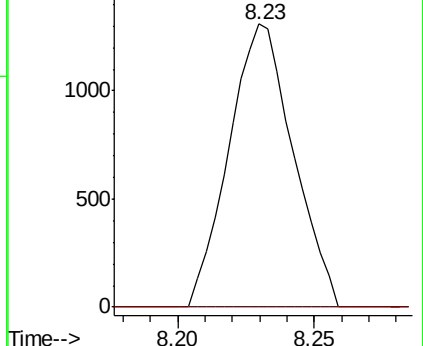
129 100

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: 5.189 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026470.D

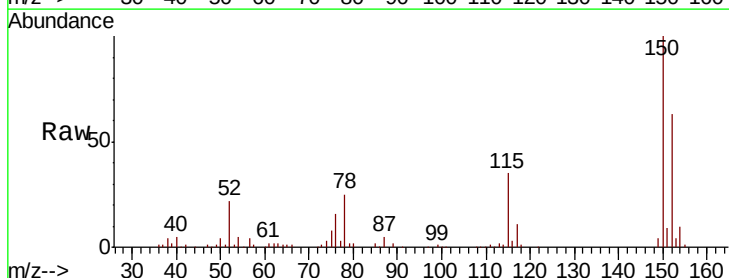
Acq: 31 Aug 2018 00:41

Tgt Ion: 75 Resp: 7224

Ion Ratio Lower Upper

75 100

77 36.1 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

