

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026462.D
 Acq On : 30 Aug 2018 21:36
 Operator : MD/SY
 Sample : VU0830WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:44:21 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	147247	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137262	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59008	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46345	50.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.60%
7) Chloroethane-d5	1.68	69	41456	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.62%
11) 1,1-Dichloroethene-d2	2.27	63	64672	31.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.96%
21) 2-Butanone-d5	4.18	46	67745	95.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.67%
24) Chloroform-d	4.65	84	79004	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
26) 1,2-Dichloroethane-d4	5.31	65	55387	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.34	84	162957	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.33	67	55877	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.82%
41) Toluene-d8	7.57	98	148853	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%
43) trans-1,3-Dichloropropene-	7.85	79	23587	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.06%
47) 2-Hexanone-d5	8.31	63	50172	100.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76319	47.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	57344	53.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.12%

Target Compounds

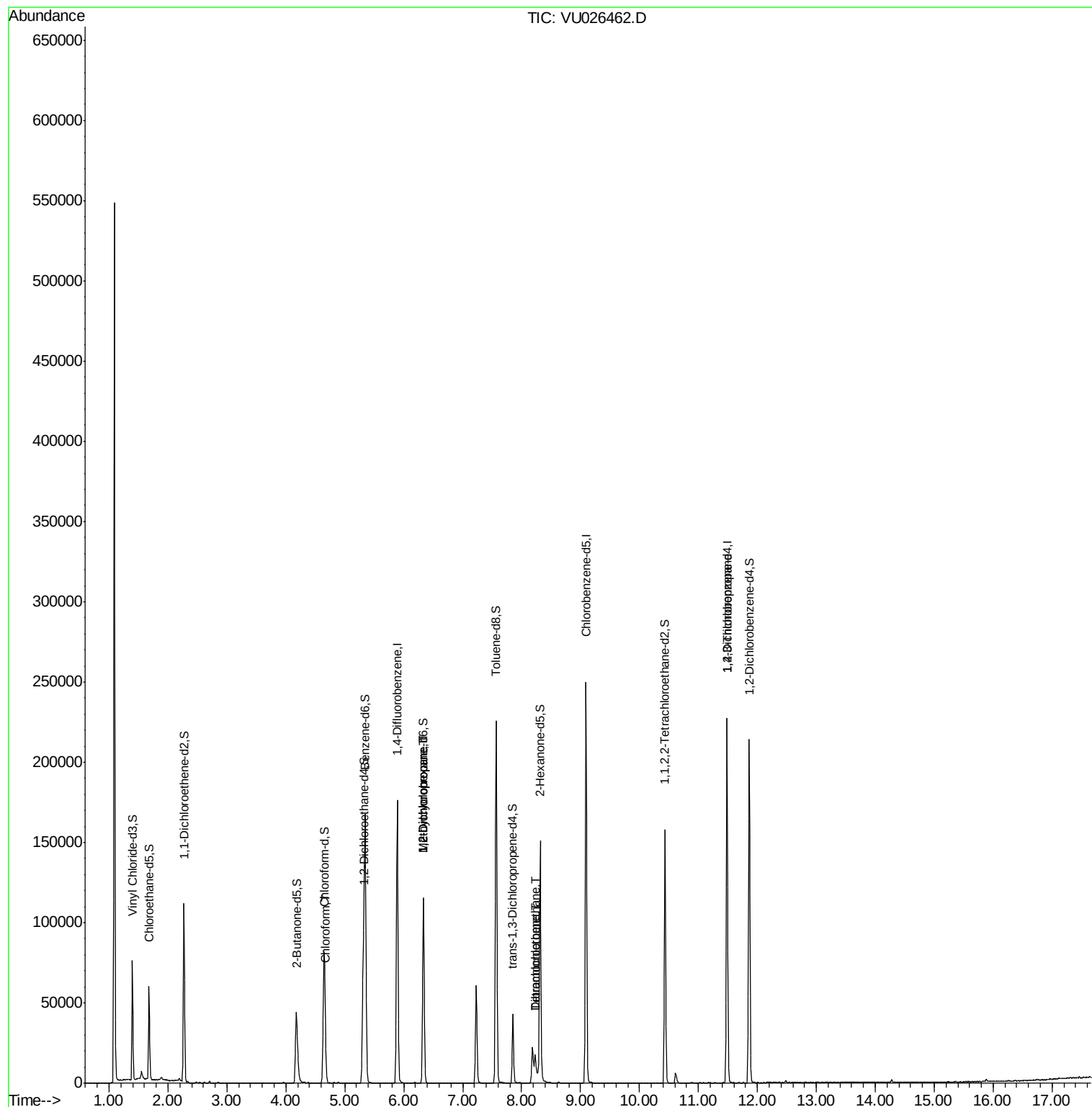
					Ovalue
25) Chloroform	4.68	83	3031	1.589 ug/L	96
35) Methylcyclohexane	6.33	83	12811	8.312 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5925	5.439 ug/L #	88
46) Tetrachloroethene	8.23	164	2414	2.991 ug/L	99
49) Dibromochloromethane	8.23	129	2081	1.851 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6734	4.954 ug/L #	89

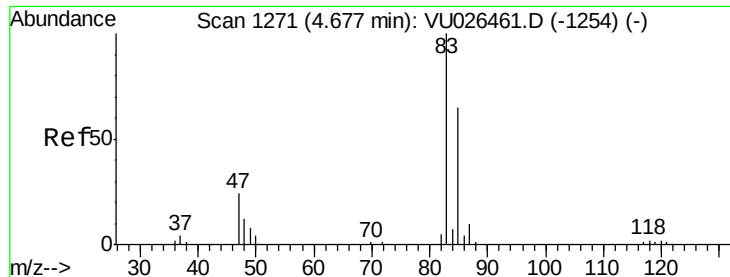
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 31 05:38:13 2018
Response via : Initial Calibration





#25

Chloroform

Concen: 1.589 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026462.D

Acq: 30 Aug 2018 21:36

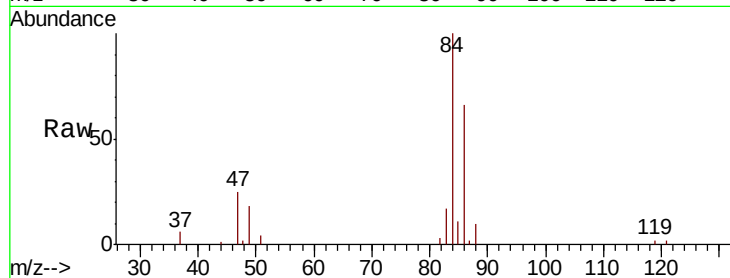
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 3031

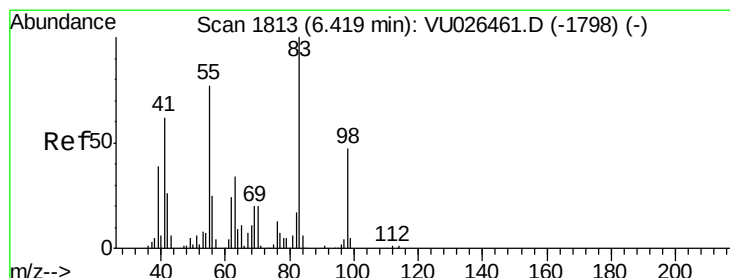
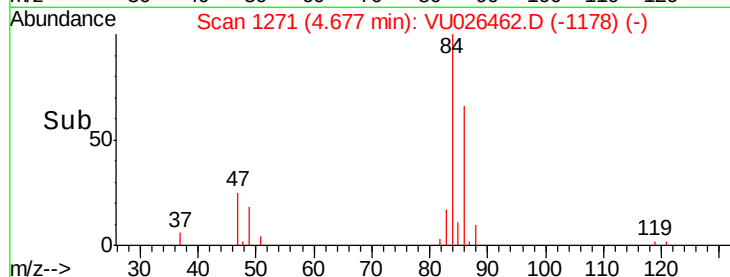
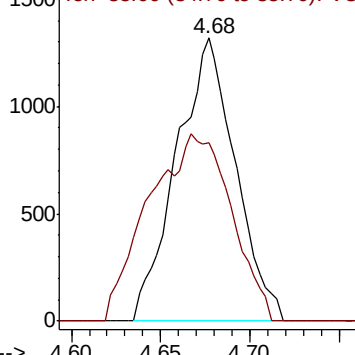
Ion Ratio Lower Upper

83 100

85 63.0 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 8.312 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026462.D

Acq: 30 Aug 2018 21:36

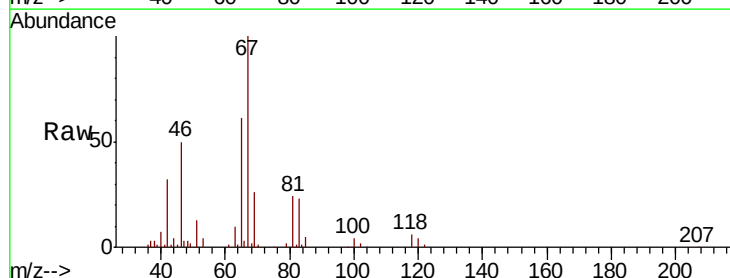
Tgt Ion: 83 Resp: 12811

Ion Ratio Lower Upper

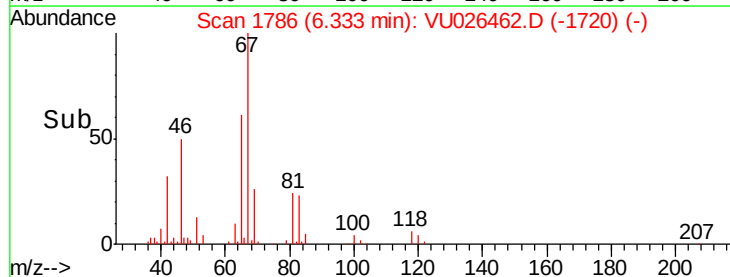
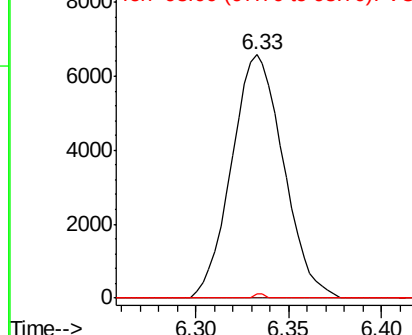
83 100

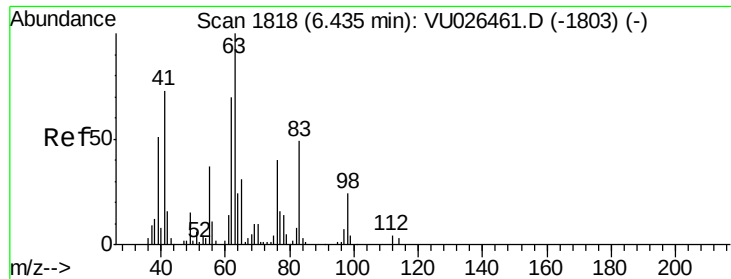
55 0.0 63.3 94.9#

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

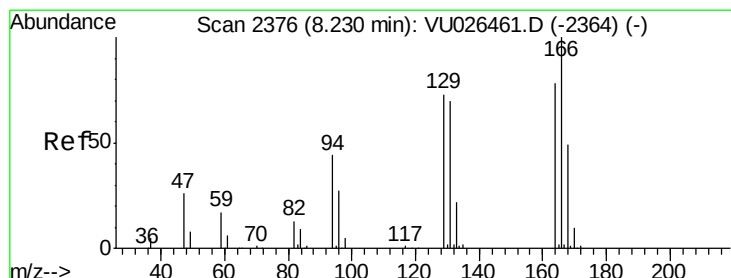
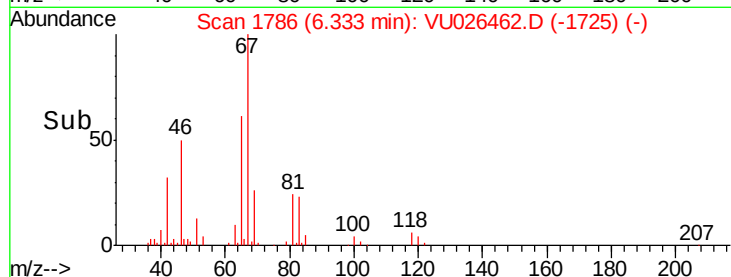
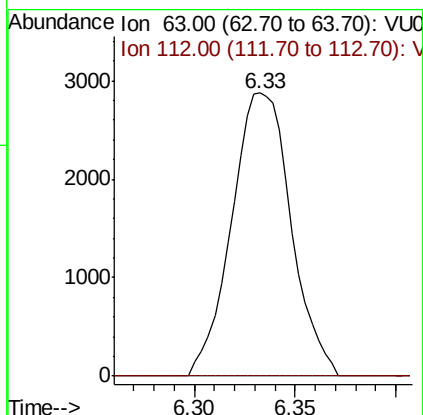
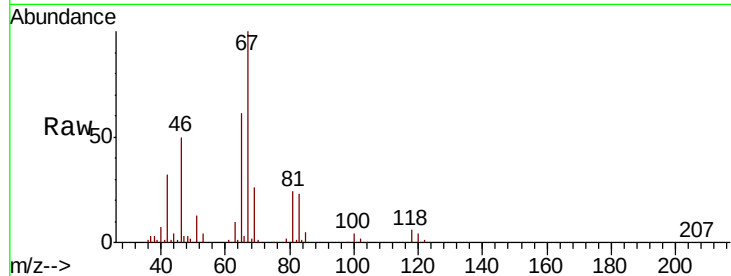




#37
 1,2-Dichloropropane
 Concen: 5.439 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026462.D
 Acq: 30 Aug 2018 21:36

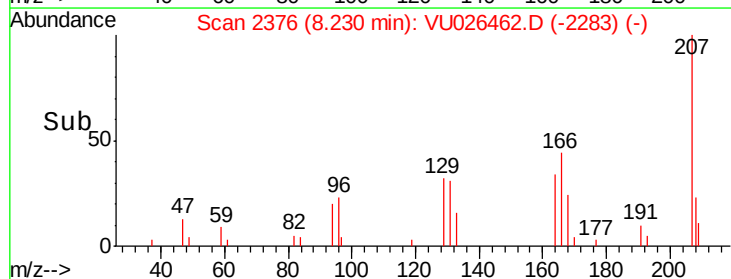
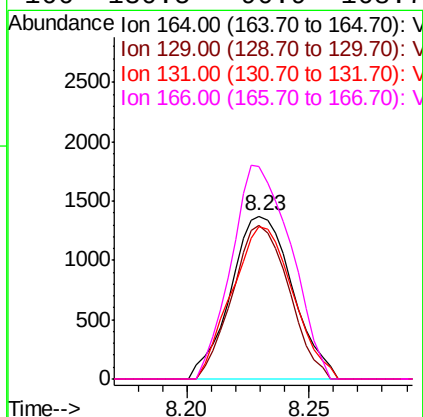
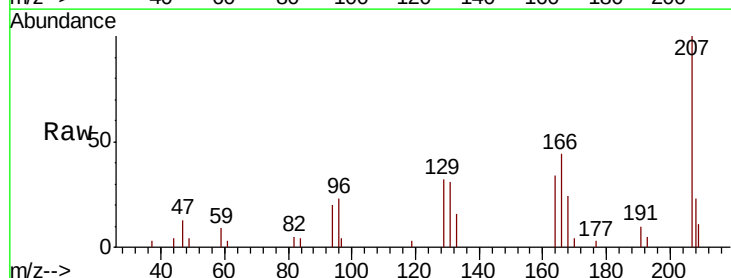
Instrument :
 MSVOA_U
 ClientSampleId :

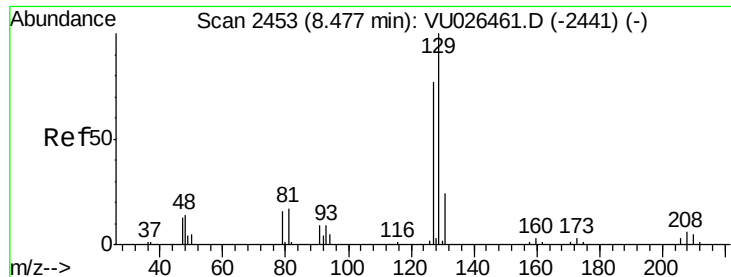
Tot Ion: 63 Resp: 5925
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 2.991 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026462.D
 Acq: 30 Aug 2018 21:36

Tgt Ion:164 Resp: 2414
 Ion Ratio Lower Upper
 164 100
 129 94.5 67.3 125.1
 131 93.5 65.3 121.3
 166 130.5 90.9 168.7

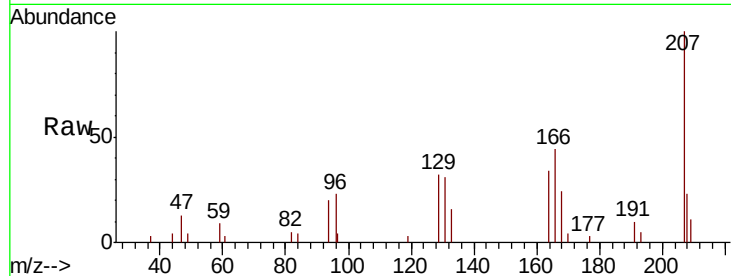




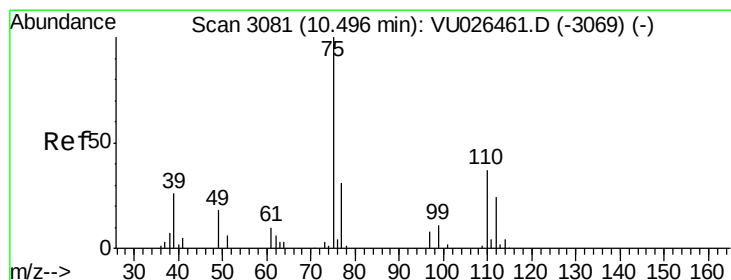
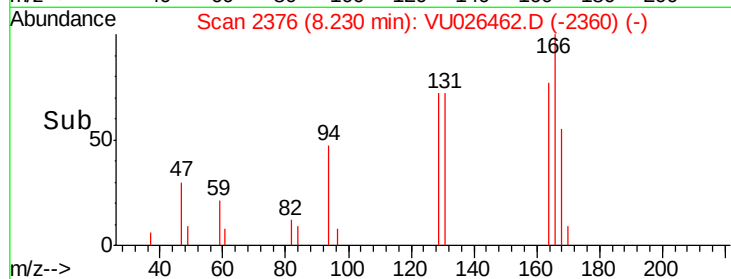
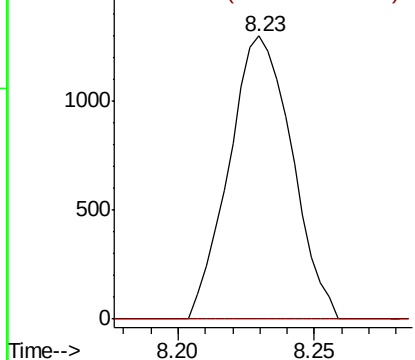
#49
 Dibromochloromethane
 Concen: 1.851 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026462.D
 Acq: 30 Aug 2018 21:36

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 2081
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#

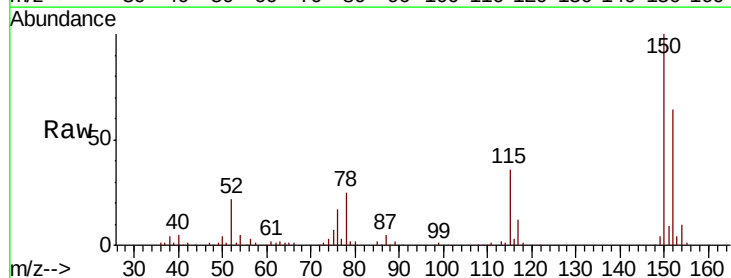


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



#59
 1,2,3-Trichloropropane
 Concen: 4.954 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026462.D
 Acq: 30 Aug 2018 21:36

Tgt Ion: 75 Resp: 6734
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

