

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026455.D
 Acq On : 30 Aug 2018 18:30
 Operator : MD/SY
 Sample : J4694-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:25:35 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	213105	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201080	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	86466	65.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	130.98%
7) Chloroethane-d5	1.67	69	78086	65.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	130.96%#
11) 1,1-Dichloroethene-d2	2.27	63	123529	41.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.08%
21) 2-Butanone-d5	4.18	46	140169	136.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.78%#
24) Chloroform-d	4.65	84	154878	62.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.22%
26) 1,2-Dichloroethane-d4	5.31	65	109326	65.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.70%#
32) Benzene-d6	5.34	84	316603	68.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	136.62%#
36) 1,2-Dichloropropane-d6	6.33	67	108144	67.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	135.86%#
41) Toluene-d8	7.57	98	292392	65.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.72%#
43) trans-1,3-Dichloropropene-	7.85	79	48355	66.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	133.02%#
47) 2-Hexanone-d5	8.31	63	109258	149.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	149.63%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	155896	66.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	132.92%#
64) 1,2-Dichlorobenzene-d4	11.86	152	119280	73.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	147.00%#

Target Compounds

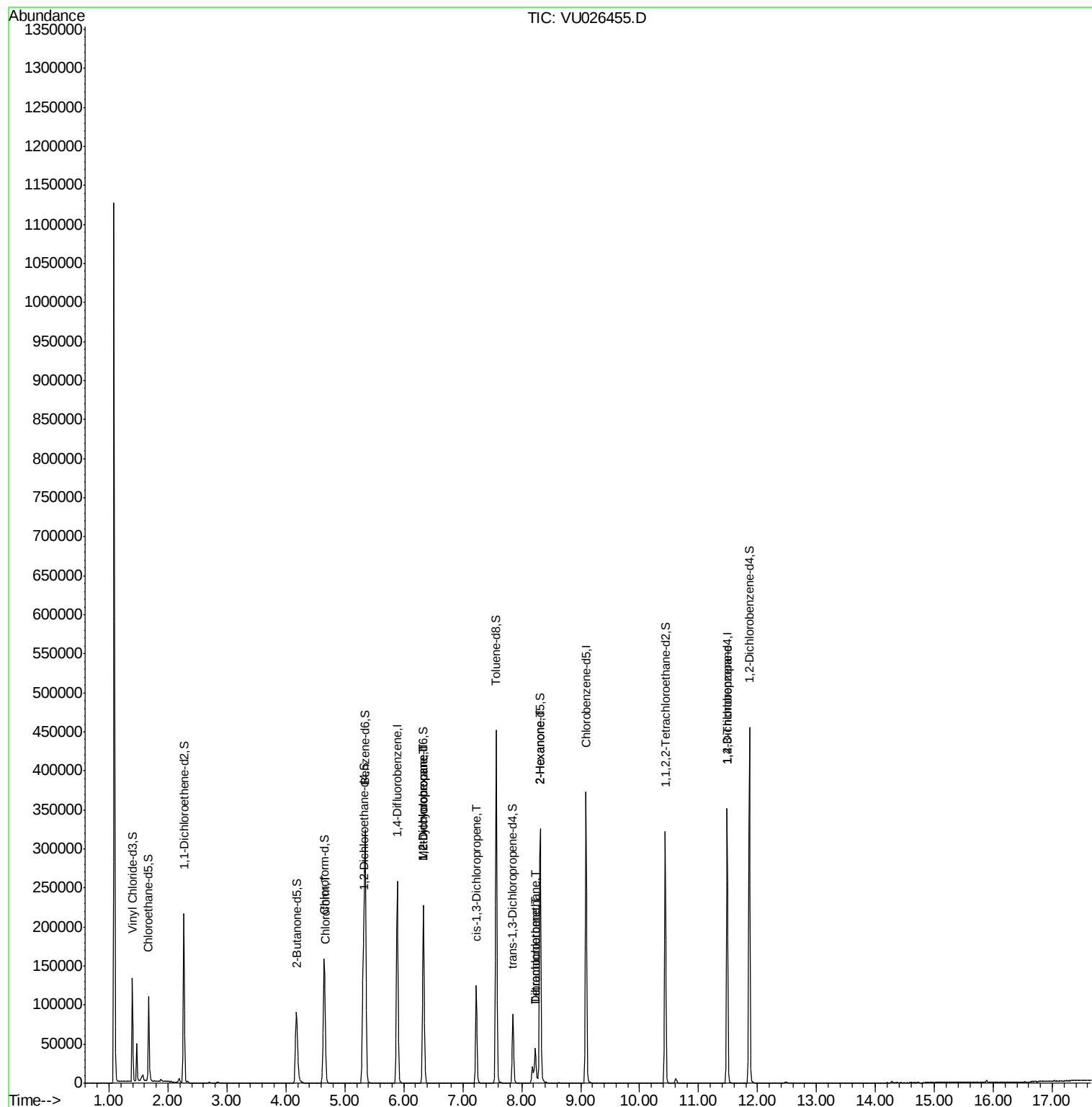
					Ovalue
25) Chloroform	4.67	83	4217	1.527 ug/L	85
35) Methylcyclohexane	6.33	83	25031	11.086 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11772	7.376 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2876	1.265 ug/L #	66
46) Tetrachloroethene	8.23	164	8686	7.347 ug/L	96
48) 2-Hexanone	8.31	43	12705	7.495 ug/L #	68
49) Dibromochloromethane	8.23	129	7819	4.746 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	10626	5.336 ug/L	90

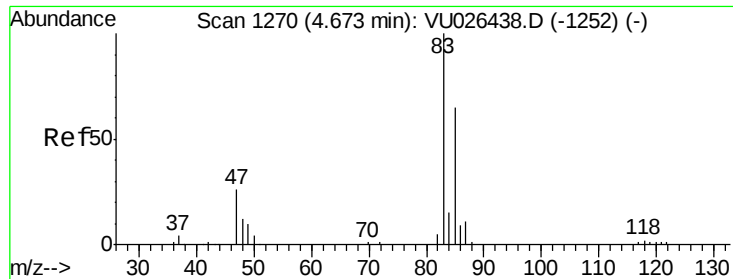
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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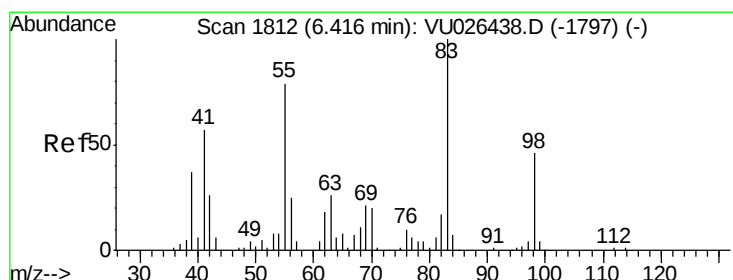
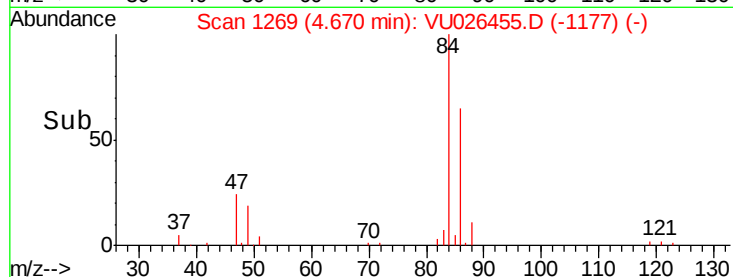
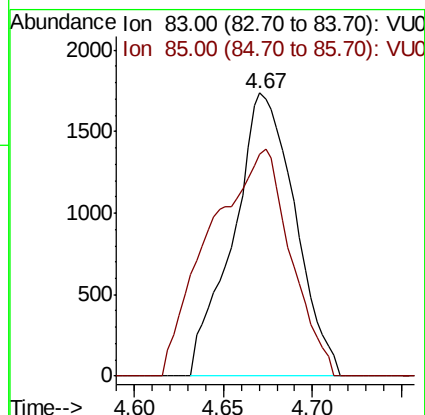
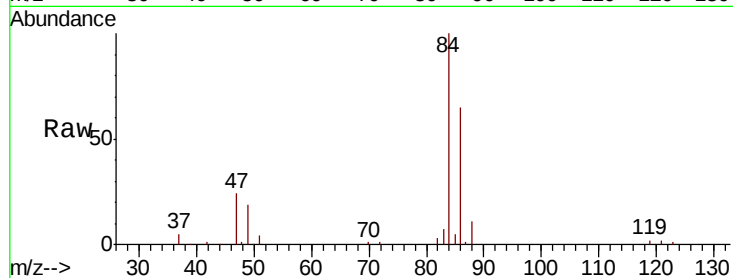




#25
Chloroform
Concen: 1.527 ug/L
RT: 4.67 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU026455.D
Acq: 30 Aug 2018 18:30

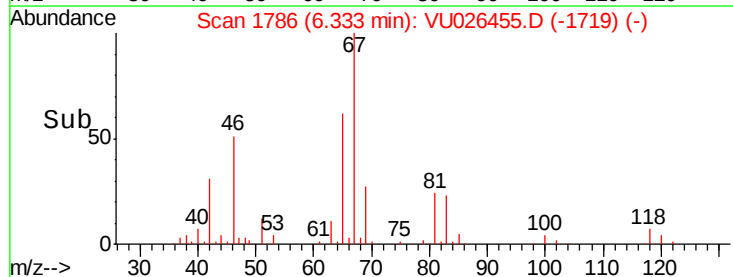
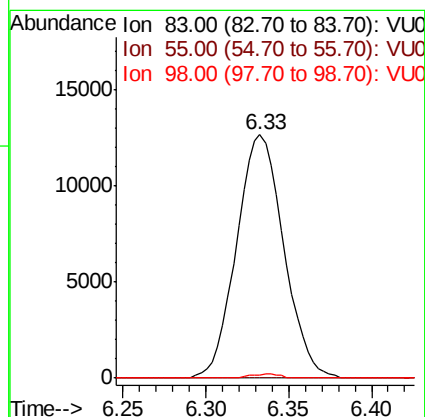
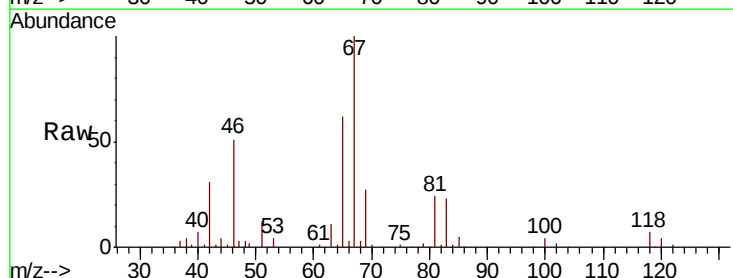
Instrument :
MSVOA_U
ClientSampleId :

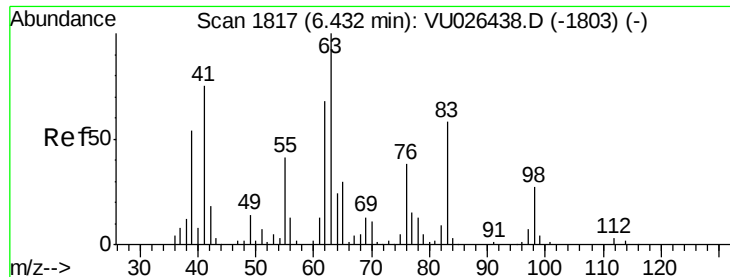
Tot Ion: 83 Resp: 4217
Ion Ratio Lower Upper
83 100
85 78.2 46.5 86.5



#35
Methylcyclohexane
Concen: 11.086 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026455.D
Acq: 30 Aug 2018 18:30

Tgt Ion: 83 Resp: 25031
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 1.0 36.7 55.1#





#37

1,2-Dichloropropane

Concen: 7.376 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026455.D

Acq: 30 Aug 2018 18:30

Instrument :

MSVOA_U

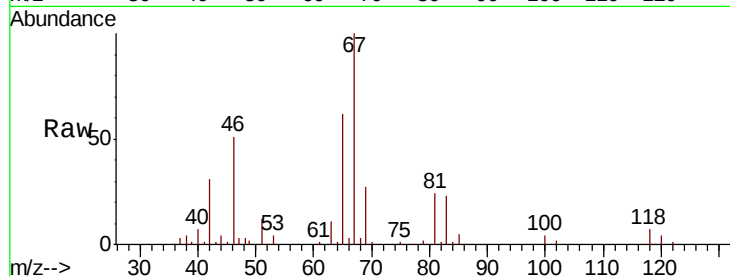
ClientSampled :

Tot Ion: 63 Resp: 11772

Ion Ratio Lower Upper

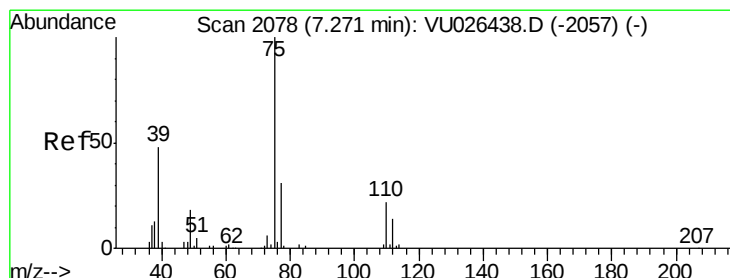
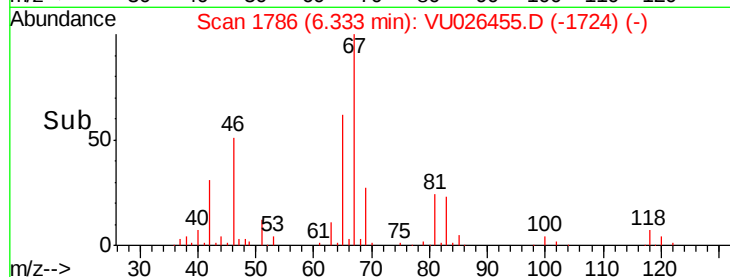
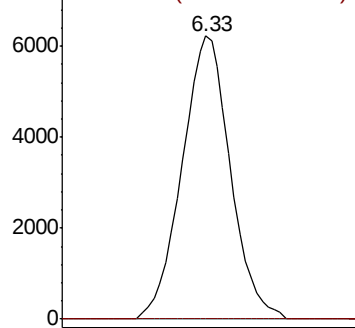
63 100

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



#39

cis-1,3-Dichloropropene

Concen: 1.265 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU026455.D

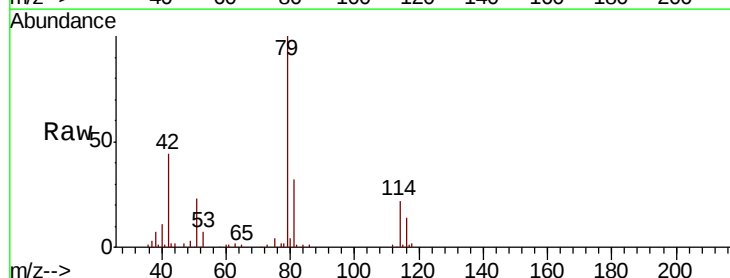
Acq: 30 Aug 2018 18:30

Tgt Ion: 75 Resp: 2876

Ion Ratio Lower Upper

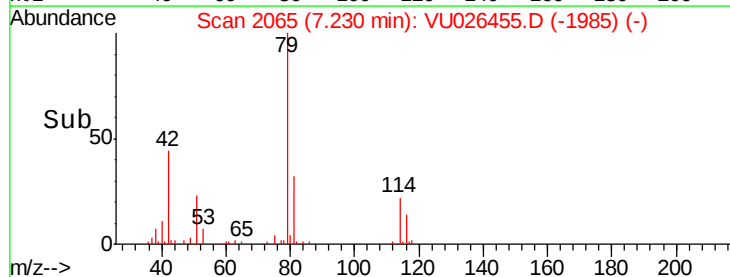
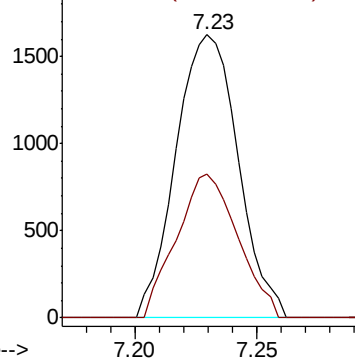
75 100

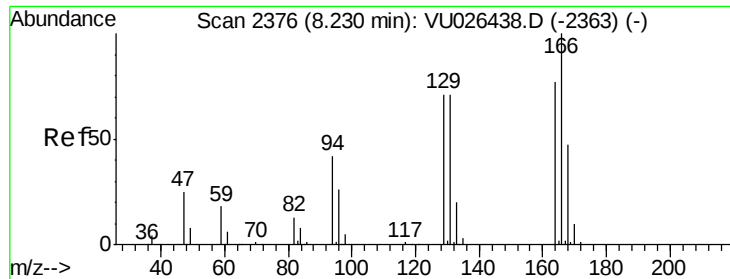
77 50.7 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

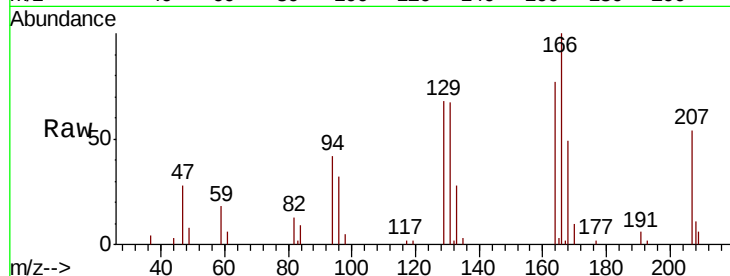




#46
Tetrachloroethene
Concen: 7.347 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026455.D
Acq: 30 Aug 2018 18:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	164	Resp:	8686
Ion	Ratio	Lower	Upper
164	100		
129	88.5	67.3	125.1
131	87.3	65.3	121.3
166	130.2	90.9	168.7



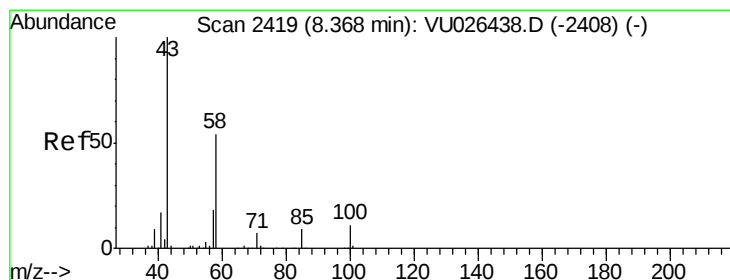
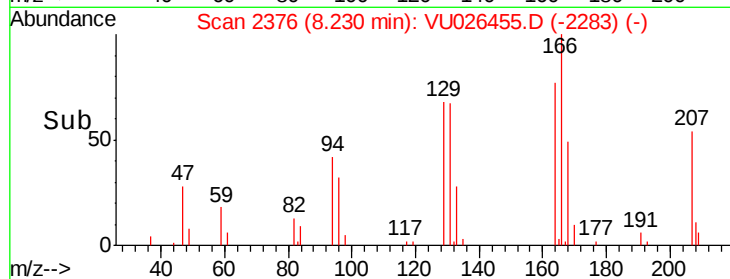
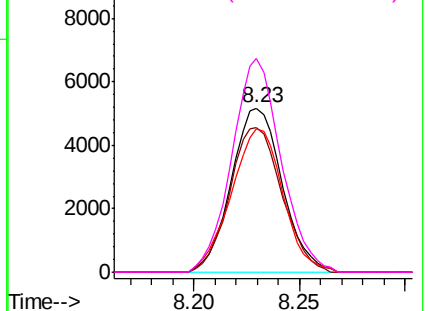
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

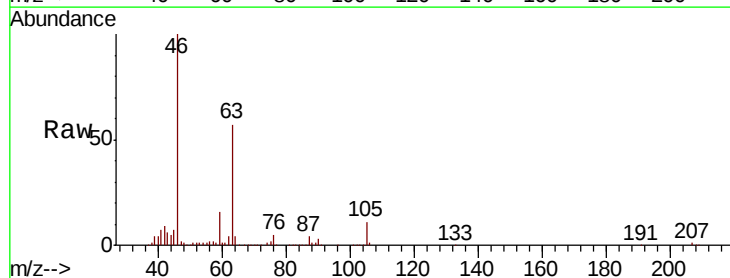
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 7.495 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026455.D
Acq: 30 Aug 2018 18:30

Tgt Ion:	43	Resp:	12705
Ion	Ratio	Lower	Upper
43	100		
58	26.1	42.2	63.4#
57	26.3	14.6	21.8#
100	0.0	8.3	12.5#



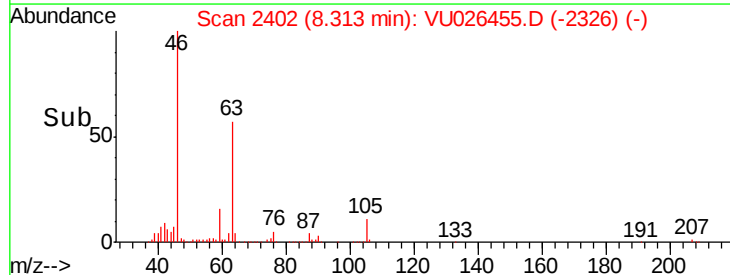
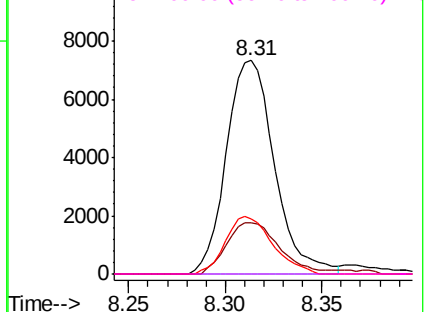
Abundance

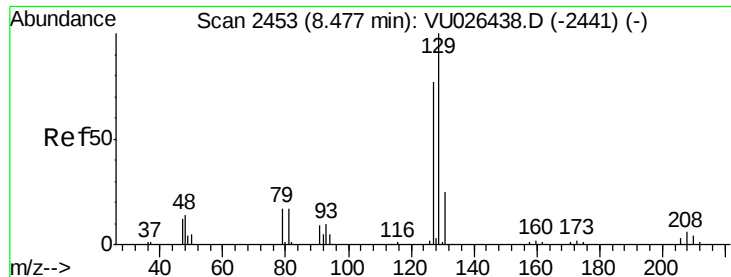
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

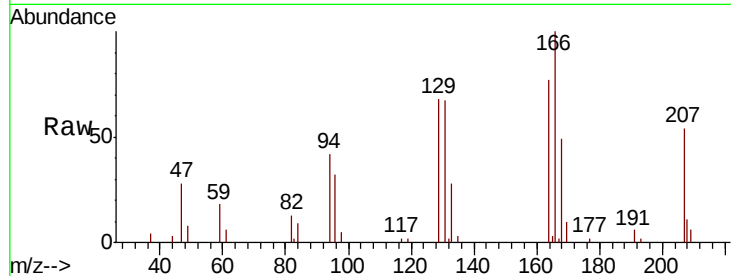




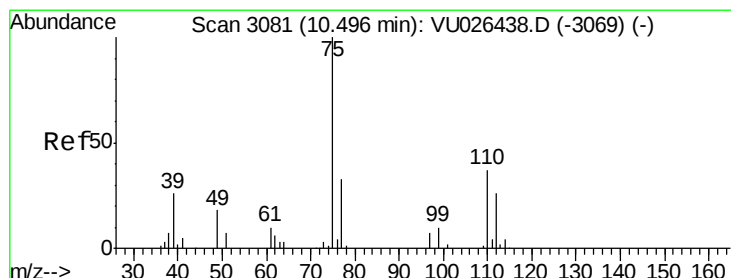
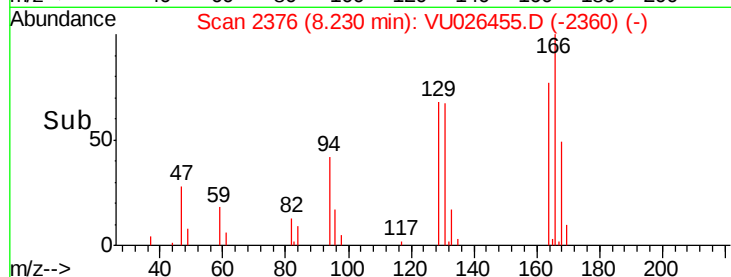
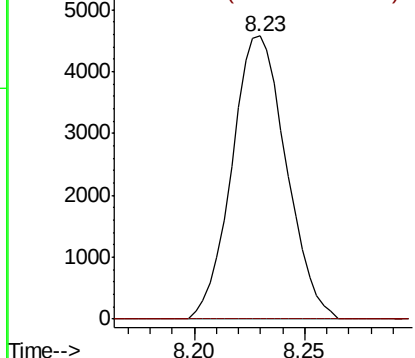
#49
 Dibromochloromethane
 Concen: 4.746 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026455.D
 Acq: 30 Aug 2018 18:30

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 7819
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#

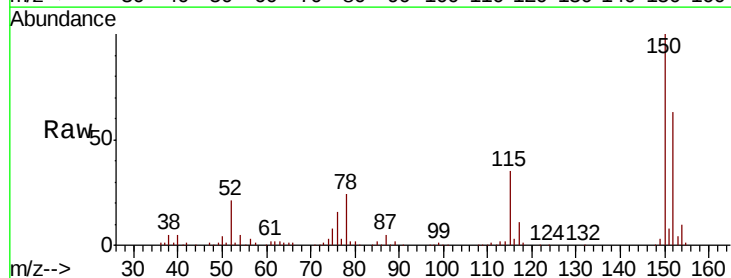


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



#59
 1,2,3-Trichloropropane
 Concen: 5.336 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026455.D
 Acq: 30 Aug 2018 18:30

Tgt Ion: 75 Resp: 10626
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.0 37.6



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

