

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026458.D
 Acq On : 30 Aug 2018 19:40
 Operator : MD/SY
 Sample : J4694-04 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:25:56 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	132069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	51853	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40897	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.96%
7) Chloroethane-d5	1.68	69	38034	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.27	63	58297	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	4.18	46	66465	104.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.65%
24) Chloroform-d	4.65	84	74565	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.31	65	51275	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
32) Benzene-d6	5.34	84	147722	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
36) 1,2-Dichloropropane-d6	6.33	67	51209	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.57	98	130141	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%
43) trans-1,3-Dichloropropene-	7.85	79	21601	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.00%
47) 2-Hexanone-d5	8.31	63	48464	108.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71179	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	51561	54.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.62%

Target Compounds

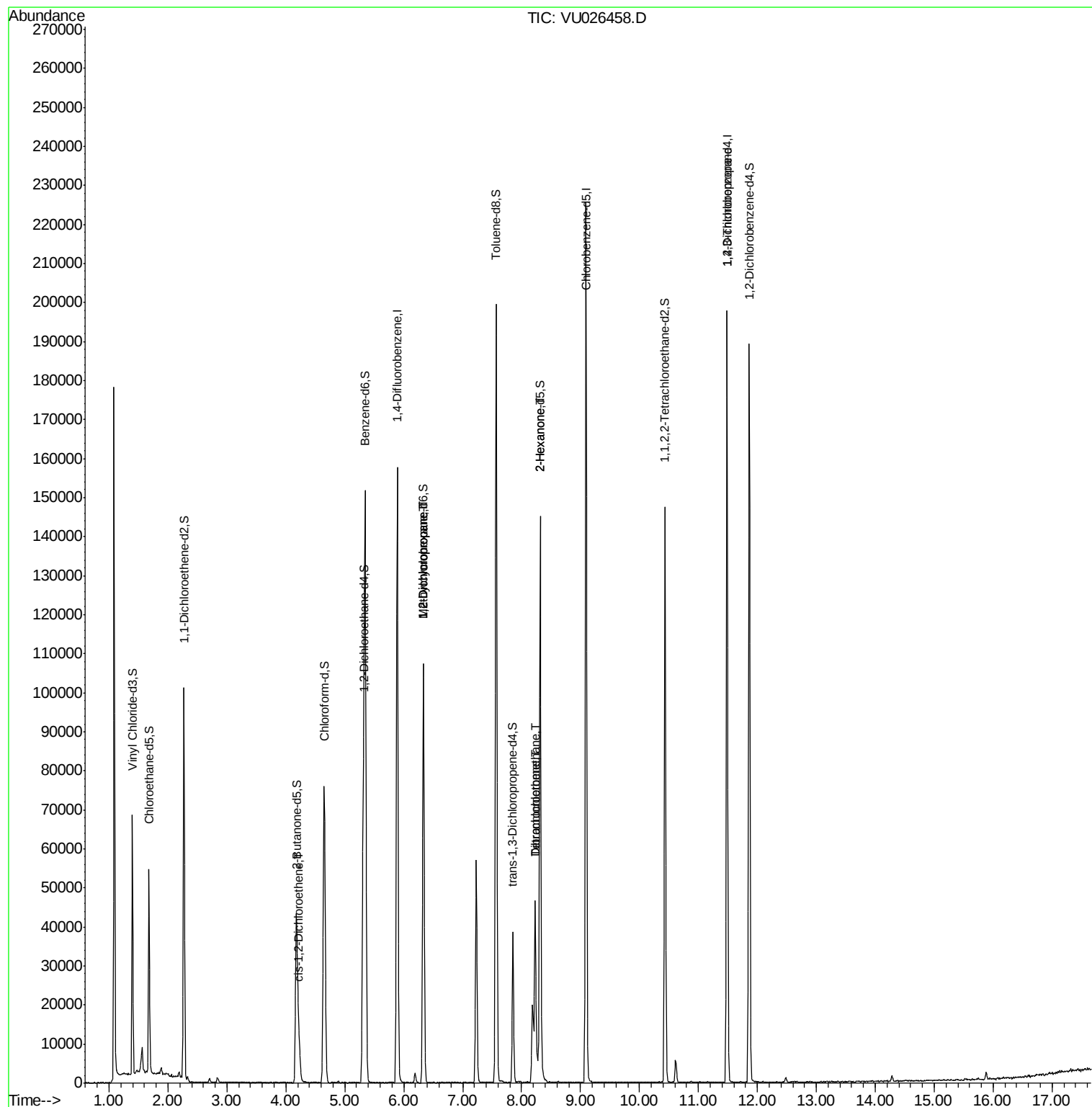
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	3360	3.518 ug/L	98
35) Methylcyclohexane	6.33	83	11574	8.369 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5531	5.658 ug/L #	88
46) Tetrachloroethene	8.23	164	9416	13.003 ug/L	87
48) 2-Hexanone	8.31	43	6164	5.937 ug/L #	67
49) Dibromochloromethane	8.23	129	8504	8.428 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	6010	4.927 ug/L	92

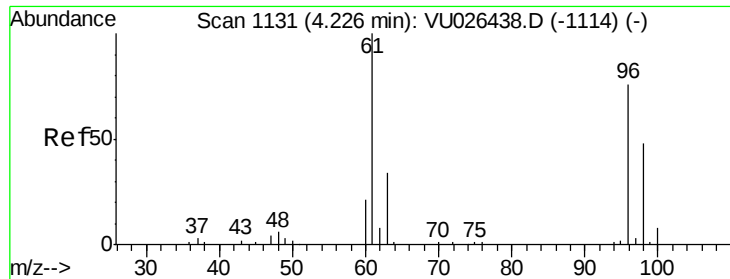
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration

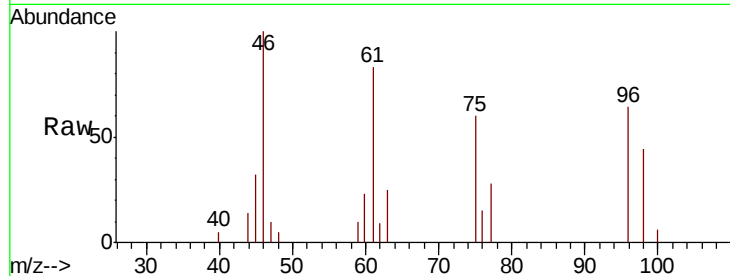




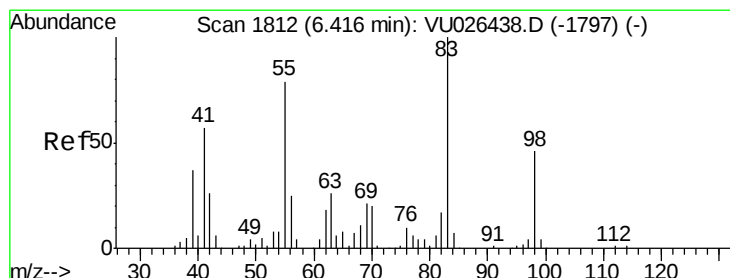
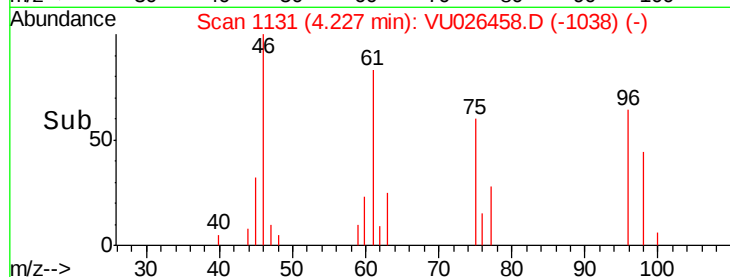
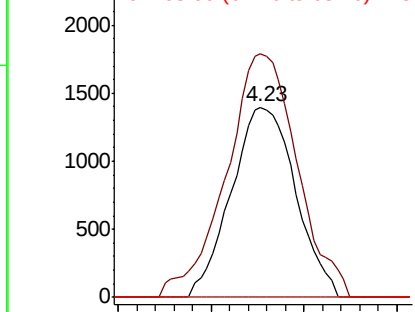
#20
 cis-1,2-Dichloroethene
 Concen: 3.518 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026458.D
 Acq: 30 Aug 2018 19:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 3360
 Ion Ratio Lower Upper
 96 100
 61 128.2 91.6 170.2
 68 0.0 0.0 0.0

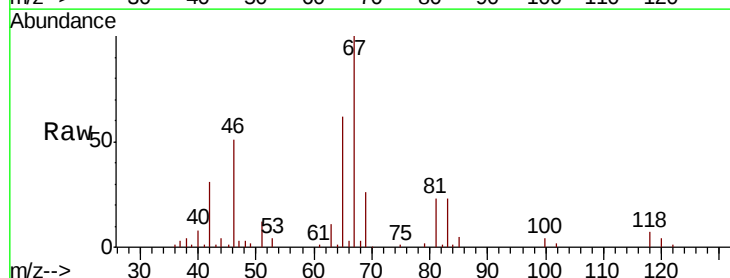


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

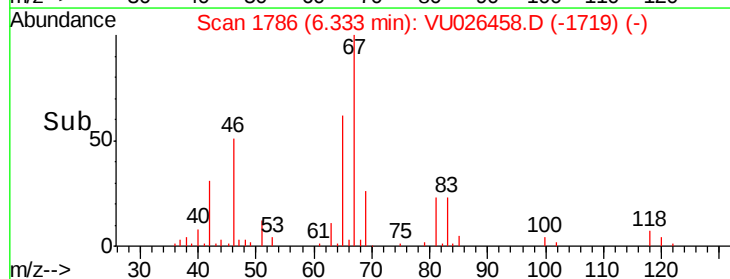
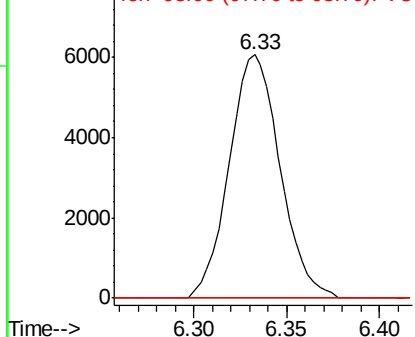


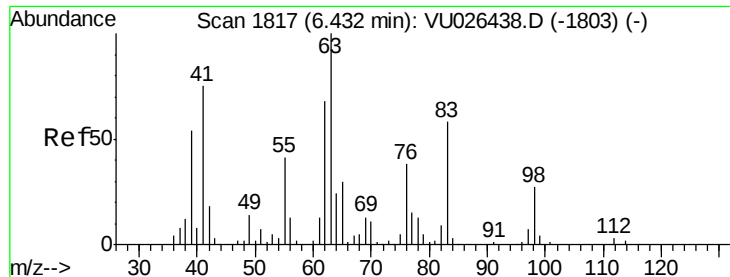
#35
 Methylcyclohexane
 Concen: 8.369 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.08 min
 Lab File: VU026458.D
 Acq: 30 Aug 2018 19:40

Tgt Ion: 83 Resp: 11574
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.3 94.9#
 98 0.0 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

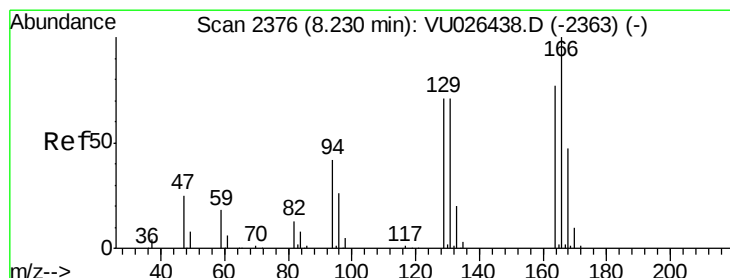
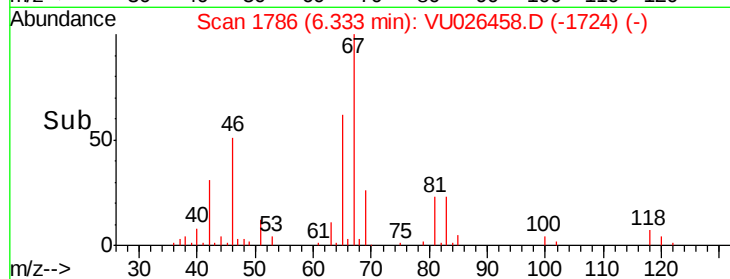
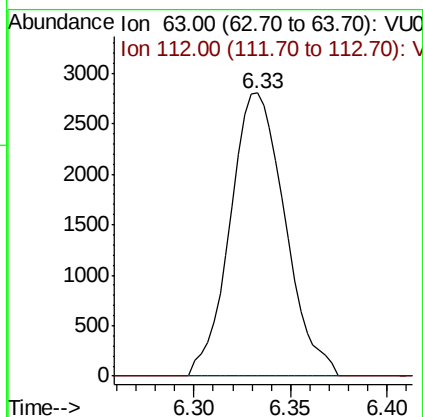
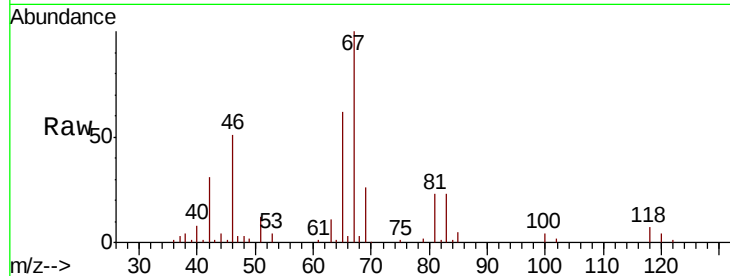




#37
 1,2-Dichloropropane
 Concen: 5.658 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026458.D
 Acq: 30 Aug 2018 19:40

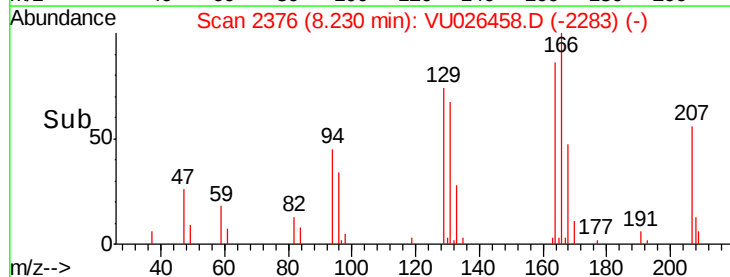
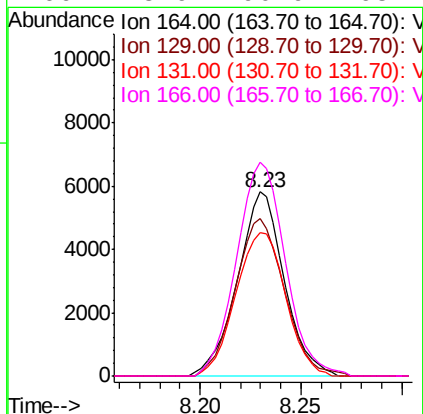
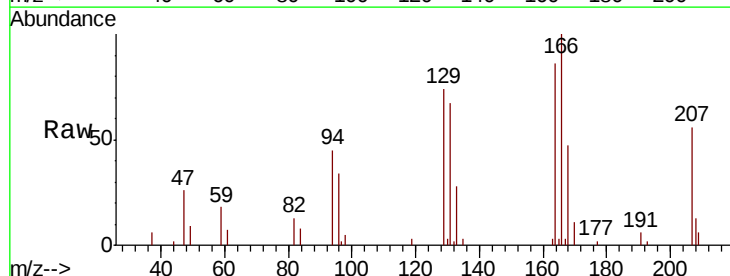
Instrument :
 MSVOA_U
 ClientSampleId :

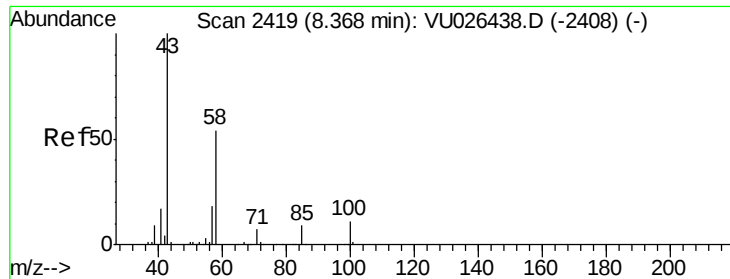
Tot Ion: 63 Resp: 5531
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 13.003 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026458.D
 Acq: 30 Aug 2018 19:40

Tgt Ion:164 Resp: 9416
 Ion Ratio Lower Upper
 164 100
 129 85.2 67.3 125.1
 131 77.9 65.3 121.3
 166 115.9 90.9 168.7

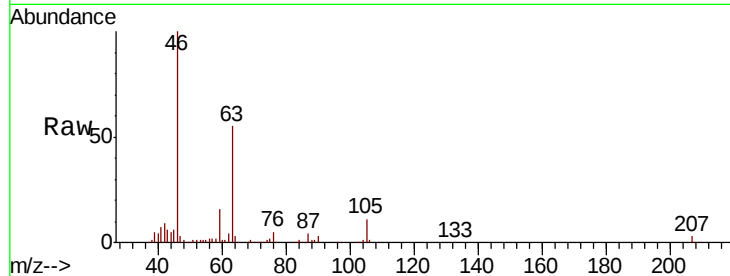




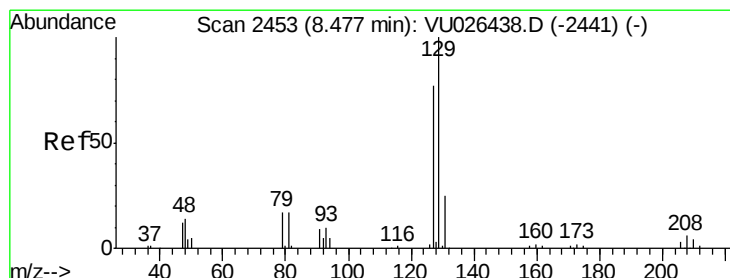
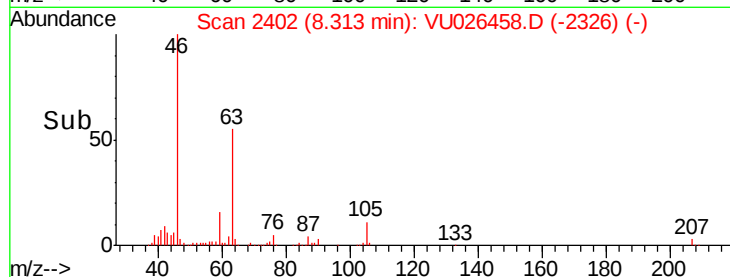
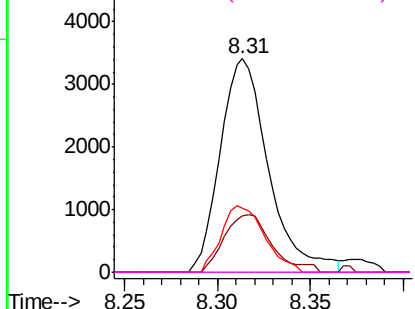
#48
2-Hexanone
Concen: 5.937 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026458.D
Acq: 30 Aug 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 6164
Ion Ratio Lower Upper
43 100
58 25.8 42.2 63.4#
57 27.9 14.6 21.8#
100 0.0 8.3 12.5#

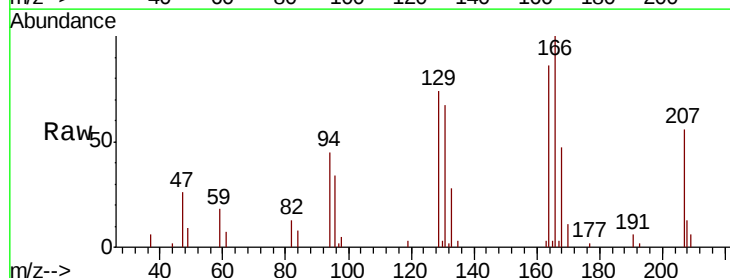


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

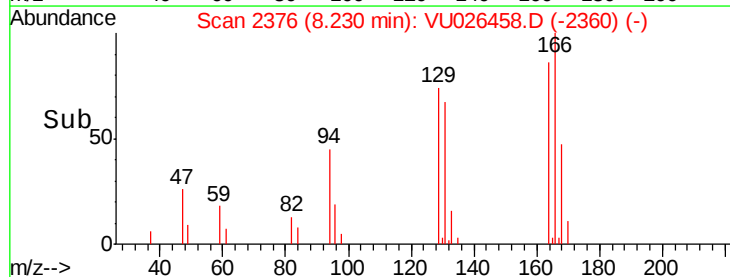
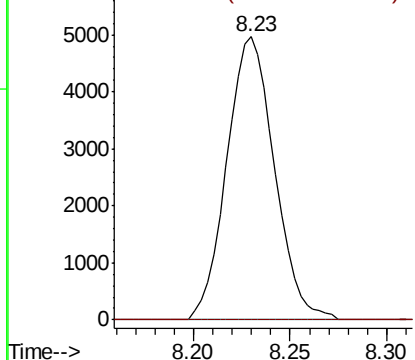


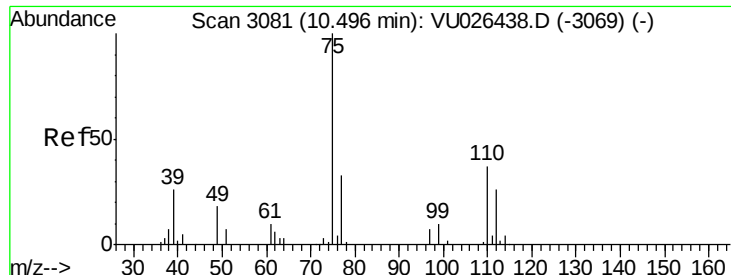
#49
Dibromochloromethane
Concen: 8.428 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026458.D
Acq: 30 Aug 2018 19:40

Tgt Ion: 129 Resp: 8504
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: 4.927 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026458.D

Acq: 30 Aug 2018 19:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6010

Ion Ratio Lower Upper

75 100

77 35.8 25.0 37.6

