

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071318\
 Data File : VU025385.D
 Acq On : 13 Jul 2018 11:38
 Operator : MD/SY
 Sample : J3920-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 14:43:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 13 14:43:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	289543	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	259085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	118101	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77677	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.76%
7) Chloroethane-d5	1.68	69	68172	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.27	63	136952	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	4.18	46	158382	109.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.47%
24) Chloroform-d	4.65	84	185797	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	5.31	65	135070	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
32) Benzene-d6	5.35	84	361979	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
36) 1,2-Dichloropropane-d6	6.33	67	120566	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.50%
41) Toluene-d8	7.57	98	347828	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%
43) trans-1,3-Dichloropropene-	7.85	79	54336	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.72%
47) 2-Hexanone-d5	8.31	63	111969	108.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.35%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160097	49.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	135130	52.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.02%

Target Compounds

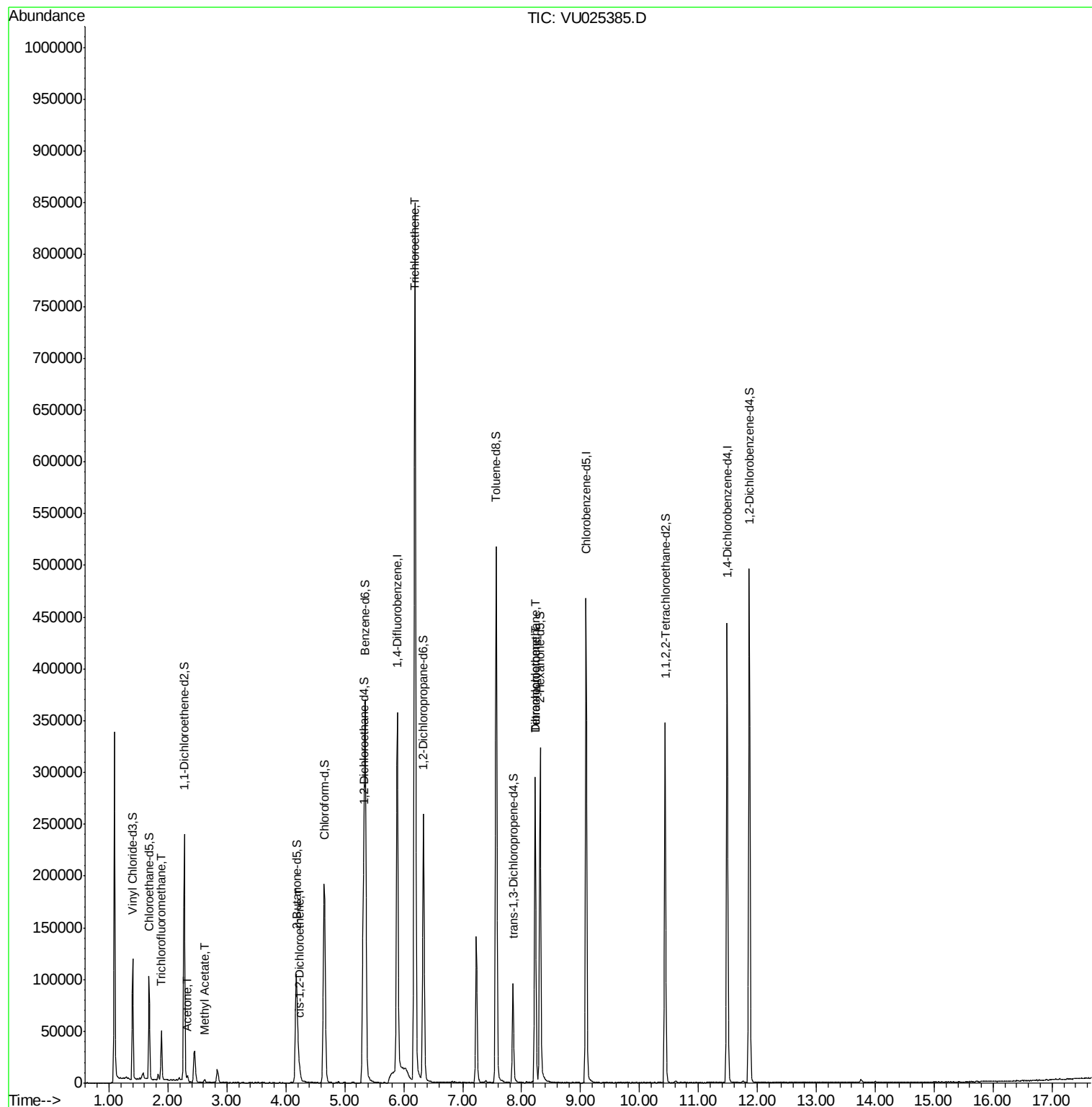
					Ovalue
9) Trichlorofluoromethane	1.89	101	26779	8.166	ug/L 99
13) Acetone	2.33	43	3775	2.539	ug/L 95
15) Methyl Acetate	2.62	43	3648	1.603	ug/L # 89
20) cis-1,2-Dichloroethene	4.24	96	5259	2.368	ug/L 92
34) Trichloroethene	6.19	95	291794	139.603	ug/L 98
46) Tetrachloroethene	8.23	164	65915	37.255	ug/L 97
49) Dibromochloromethane	8.23	129	60606	25.794	ug/L # 10

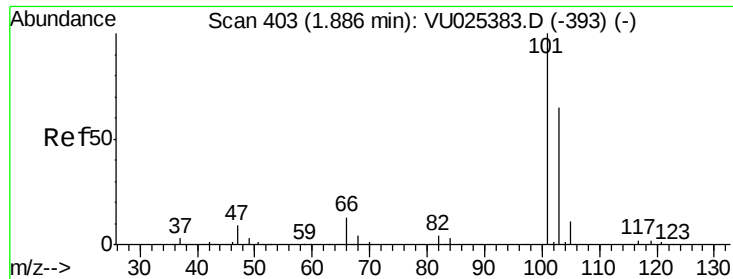
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071318\
Data File : VU025385.D
Acq On : 13 Jul 2018 11:38
Operator : MD/SY
Sample : J3920-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 13 14:43:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 13 14:43:42 2018
Response via : Initial Calibration



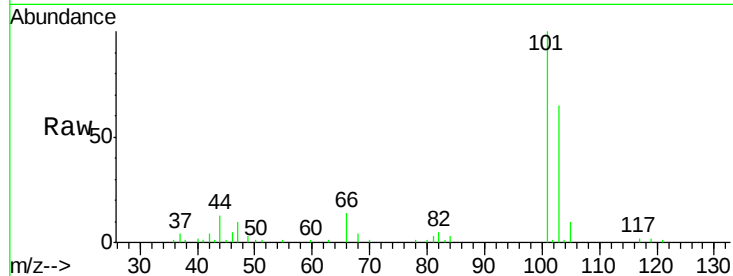


#9

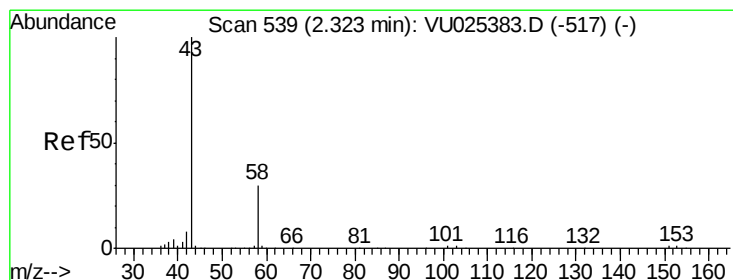
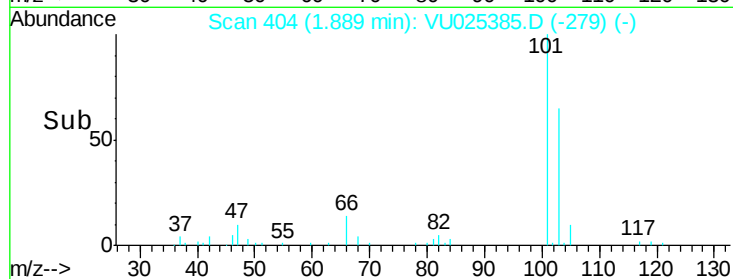
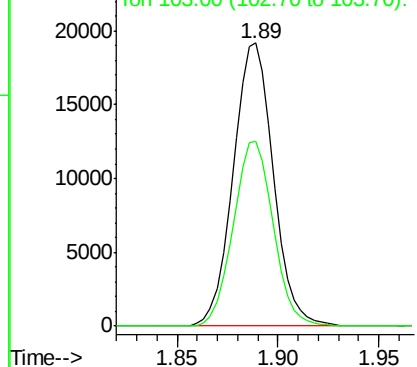
Trichlorofluoromethane
 Concen: 8.166 ug/L
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025385.D
 Acq: 13 Jul 2018 11:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:101 Resp: 26779
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.1 76.7



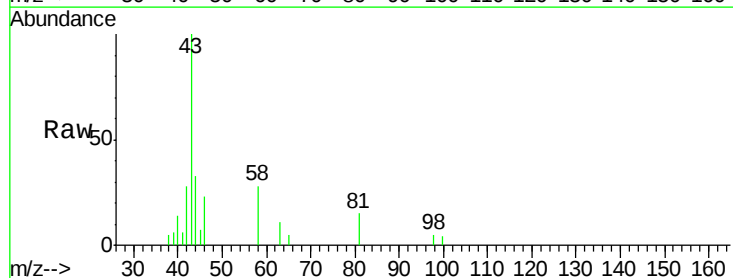
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



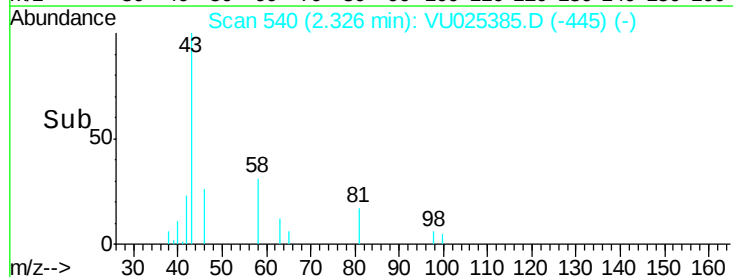
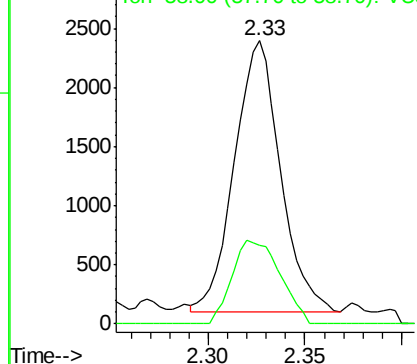
#13

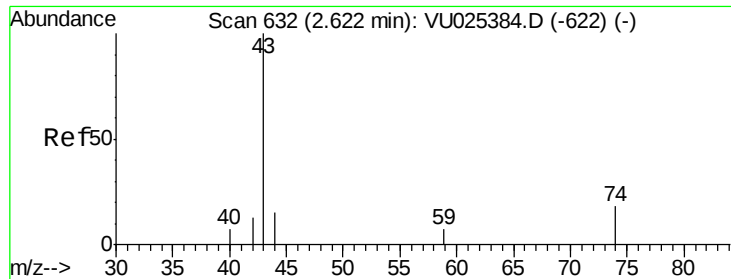
Acetone
 Concen: 2.539 ug/L
 RT: 2.33 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VU025385.D
 Acq: 13 Jul 2018 11:38

Tgt Ion: 43 Resp: 3775
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0





#15

Methyl Acetate

Concen: 1.603 ug/L

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025385.D

Acq: 13 Jul 2018 11:38

Instrument :

MSVOA_U

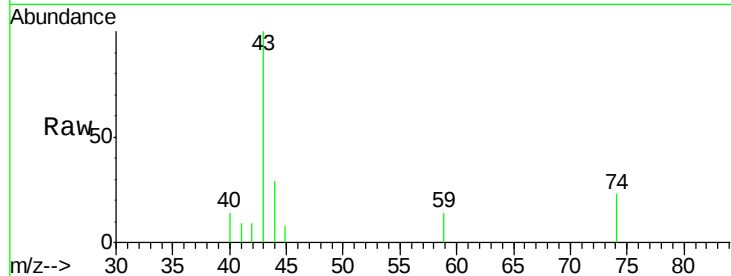
ClientSampled :

Tot Ion: 43 Resp: 3648

Ion Ratio Lower Upper

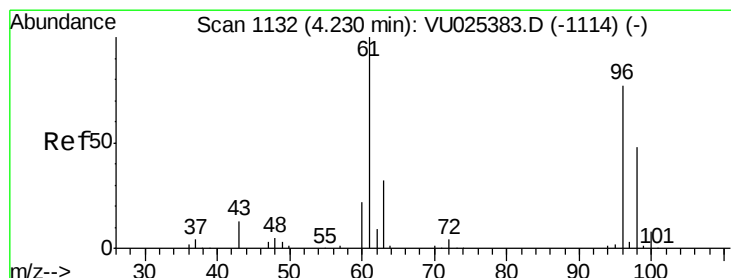
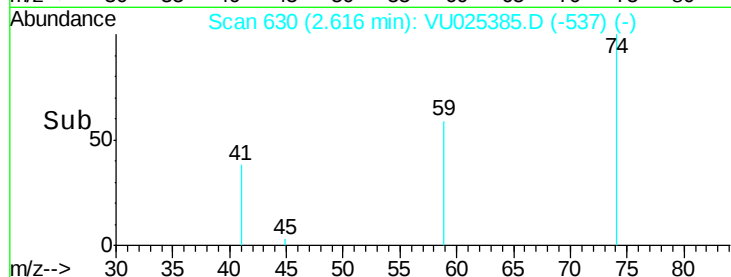
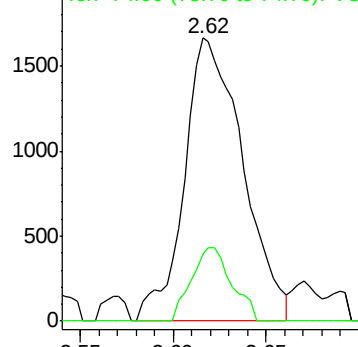
43 100

74 17.8 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 2.368 ug/L

RT: 4.24 min Scan# 1134

Delta R.T. 0.01 min

Lab File: VU025385.D

Acq: 13 Jul 2018 11:38

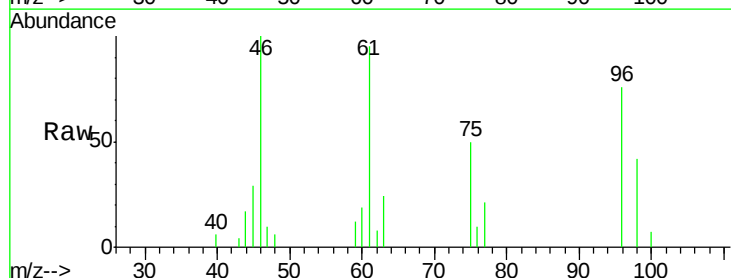
Tgt Ion: 96 Resp: 5259

Ion Ratio Lower Upper

96 100

61 124.2 93.4 173.6

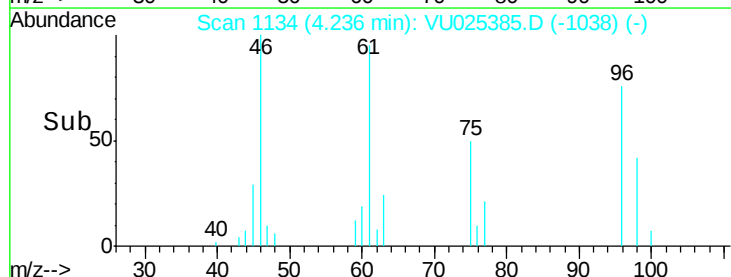
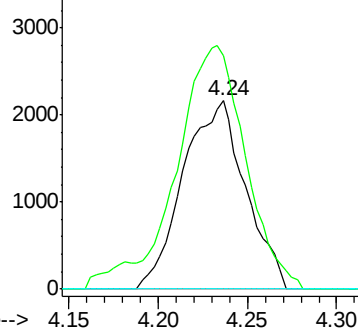
68 0.0 0.0 0.0

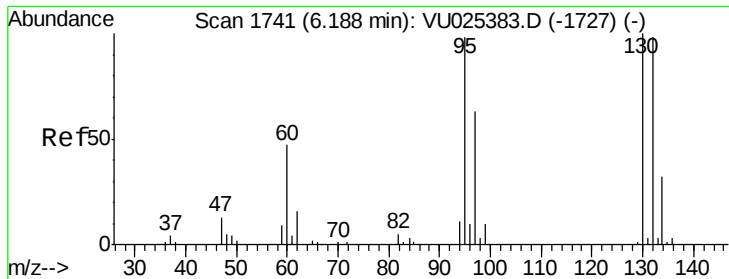


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

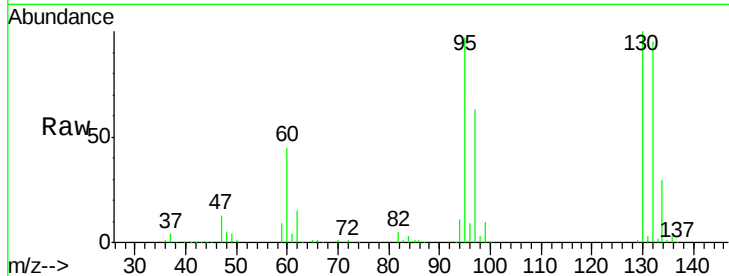




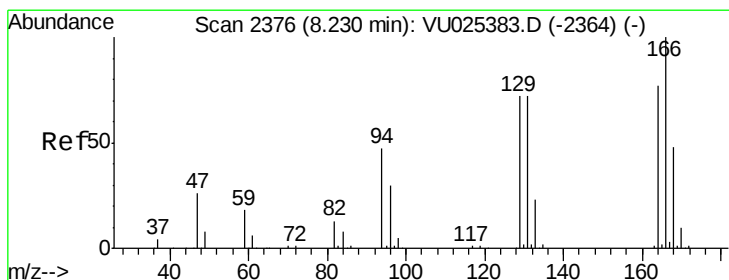
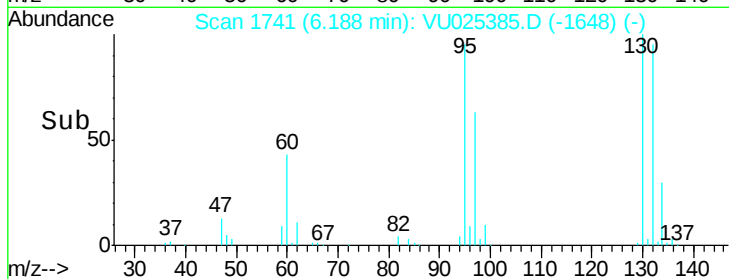
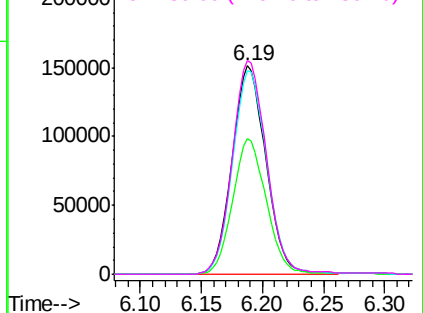
#34
 Trichloroethene
 Concen: 139.603 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025385.D
 Acq: 13 Jul 2018 11:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 291794
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.1 81.9
 132 97.5 70.2 130.4
 130 102.7 71.7 133.1



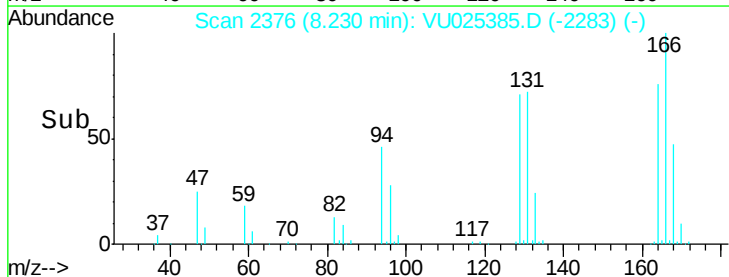
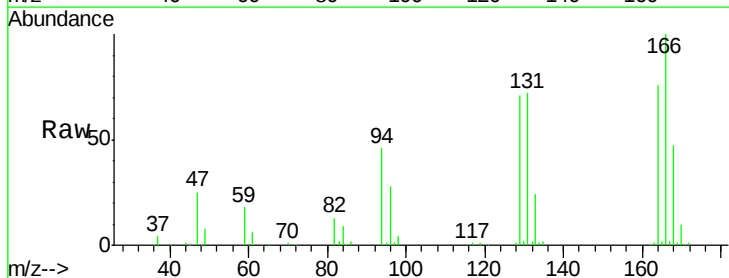
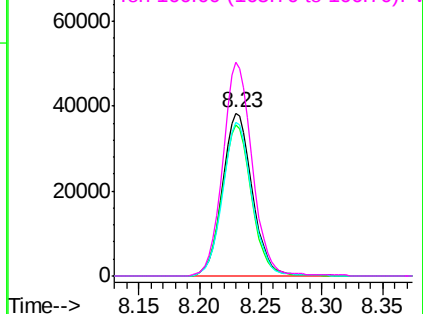
Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

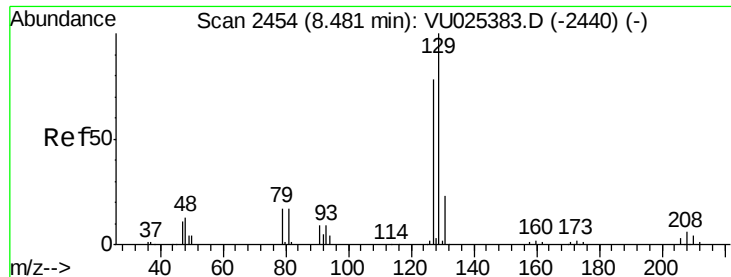


#46
 Tetrachloroethene
 Concen: 37.255 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU025385.D
 Acq: 13 Jul 2018 11:38

Tgt Ion:164 Resp: 65915
 Ion Ratio Lower Upper
 164 100
 129 92.7 66.1 122.8
 131 94.5 62.7 116.5
 166 130.9 88.8 165.0

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





#49

Dibromochloromethane

Concen: 25.794 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU025385.D

Acq: 13 Jul 2018 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:129 Resp: 60606

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

