

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031016.D
 Acq On : 10 Apr 2019 17:18
 Operator : JC/SP
 Sample : K2340-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R1

Quant Time: Apr 11 05:22:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	449293	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	447888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	215220	53.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.32%
7) Chloroethane-d5	1.68	69	175323	57.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.27	63	286666	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.04%
21) 2-Butanone-d5	4.17	46	345311	108.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.63%
24) Chloroform-d	4.86	84	139	0.02	ug/L	0.22
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.31	65	240138	57.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.88%
32) Benzene-d6	5.34	84	692777	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.96%
36) 1,2-Dichloropropane-d6	6.32	67	239206	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.76%
41) Toluene-d8	7.56	98	595070	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%
43) trans-1,3-Dichloropropene-	7.85	79	101162	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.02%
47) 2-Hexanone-d5	8.31	63	206617	100.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327301	54.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	208147	58.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.32%

Target Compounds

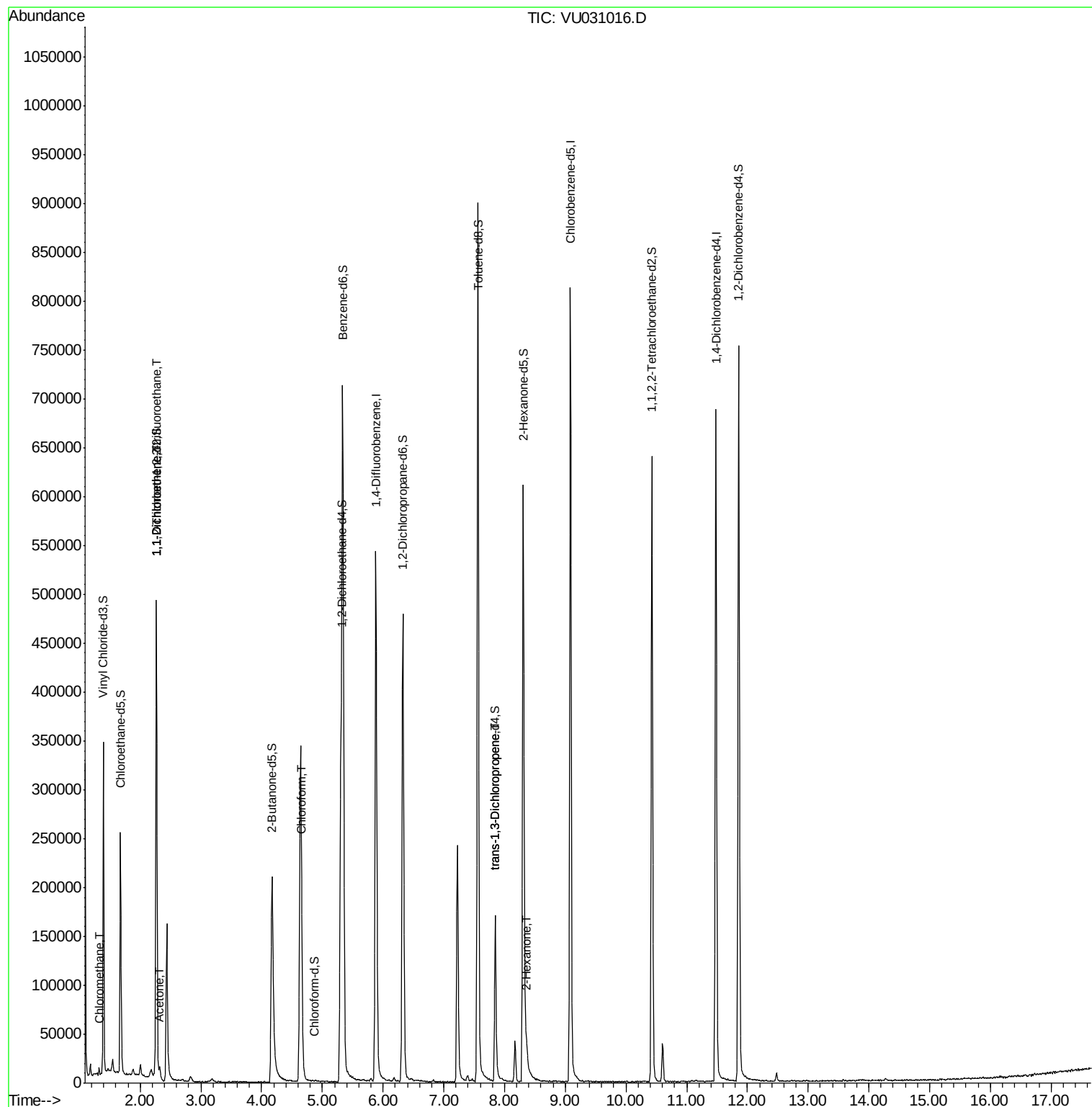
					Ovalue
3) Chloromethane	1.32	50	4619	0.905 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2744	0.853 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2170	0.699 ug/L #	1
13) Acetone	2.32	43	11530	3.545 ug/L	96
25) Chloroform	4.67	83	18925	2.767 ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	3872	0.744 ug/L	88
48) 2-Hexanone	8.37	43	12995	2.496 ug/L #	76

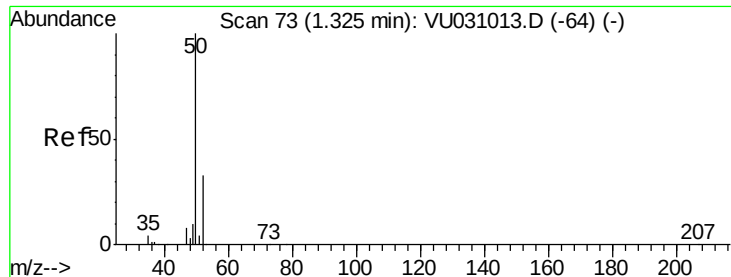
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.905 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031016.D

Acq: 10 Apr 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

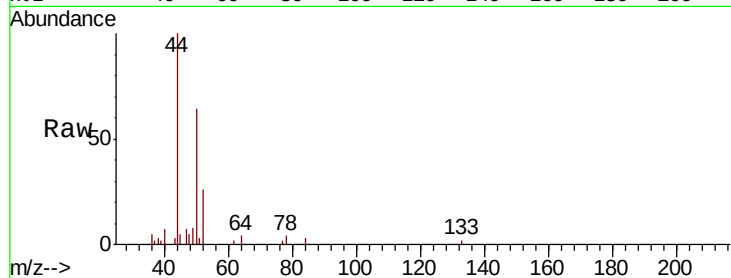
BF2R1

Tot Ion: 50 Resp: 4619

Ion Ratio Lower Upper

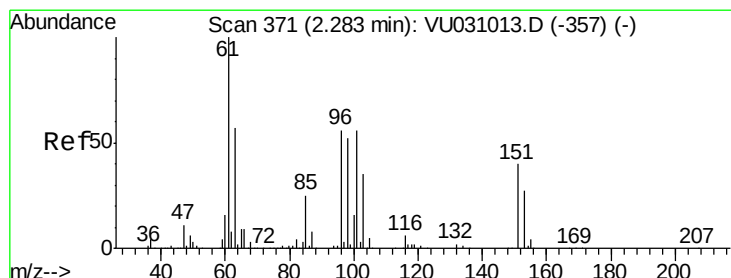
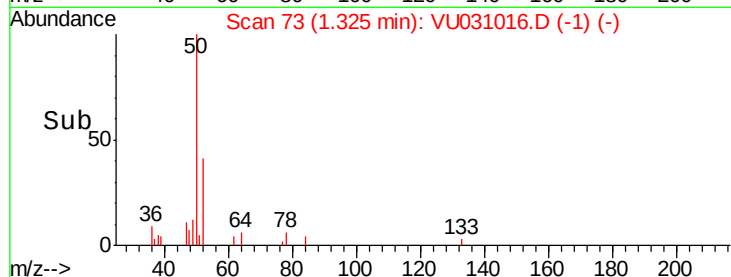
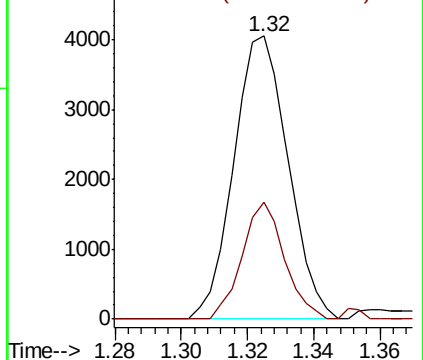
50 100

52 41.1 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU031013.D (-64) (-)

Ion 52.00 (51.70 to 52.70): VU031013.D (-64) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.853 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031016.D

Acq: 10 Apr 2019 17:18

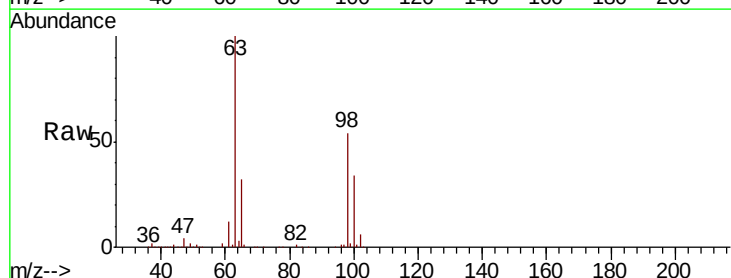
Tgt Ion:101 Resp: 2744

Ion Ratio Lower Upper

101 100

85 1.6 36.8 55.2#

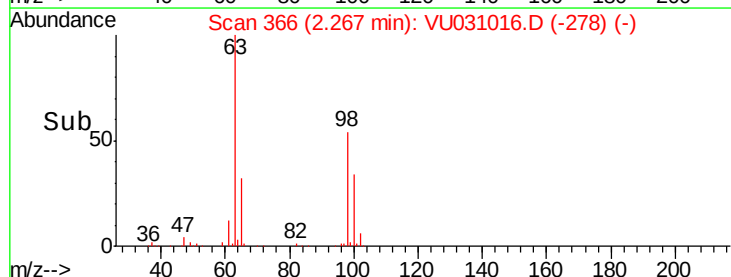
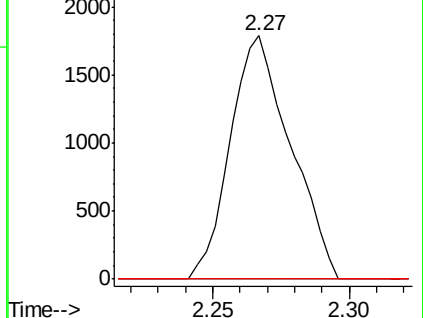
151 0.0 57.4 86.0#

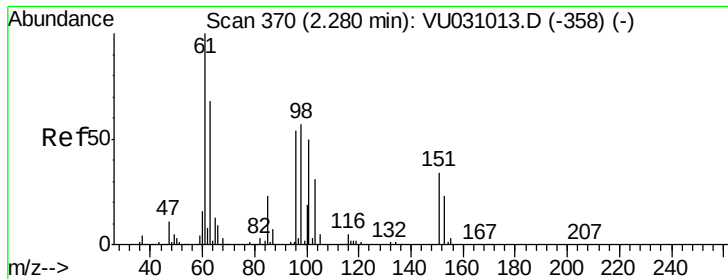


Abundance Ion 101.00 (100.70 to 101.70): VU031013.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU031013.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU031013.D (-357) (-)

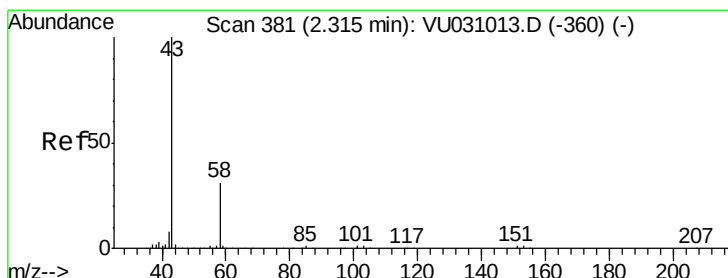
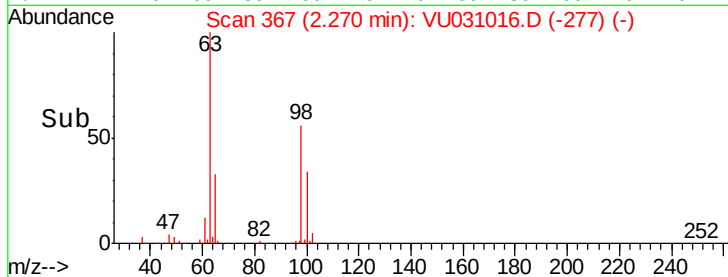
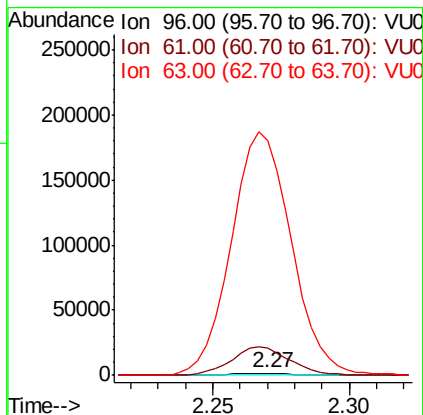
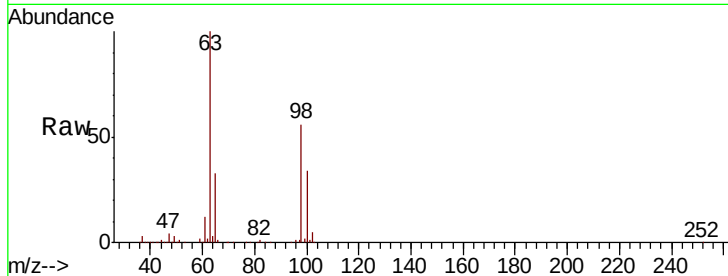




#12
 1,1-Dichloroethene
 Concen: 0.699 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031016.D
 Acq: 10 Apr 2019 17:18

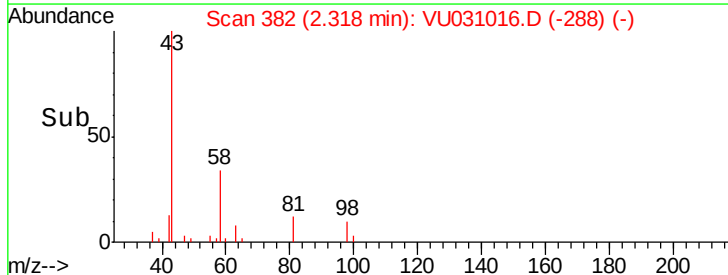
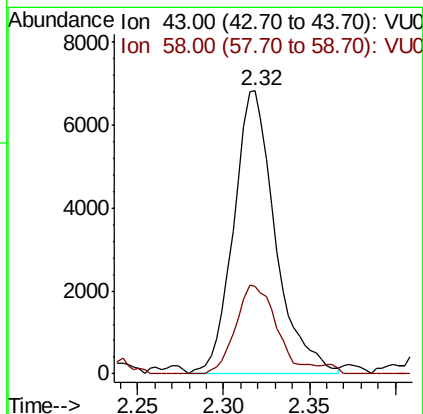
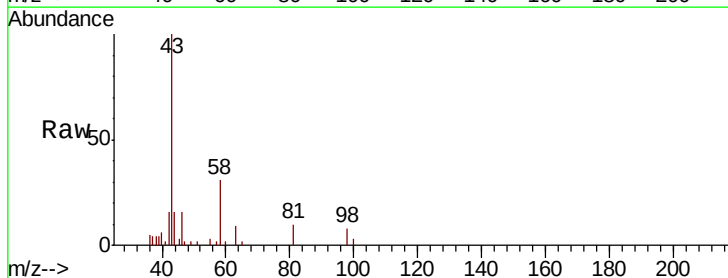
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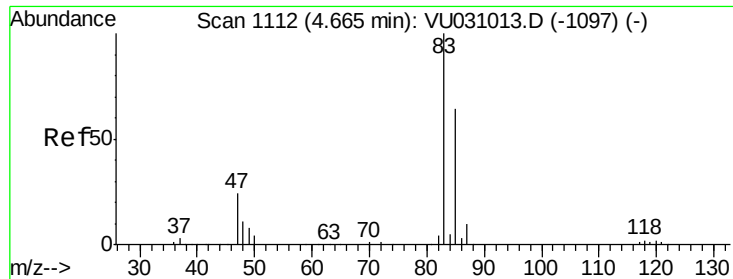
Tot Ion: 96 Resp: 2170
 Ion Ratio Lower Upper
 96 100
 61 1508.4 132.0 245.2#
 63 12998.3 90.9 168.9#



#13
 Acetone
 Concen: 3.545 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU031016.D
 Acq: 10 Apr 2019 17:18

Tgt Ion: 43 Resp: 11530
 Ion Ratio Lower Upper
 43 100
 58 29.9 0.0 64.0

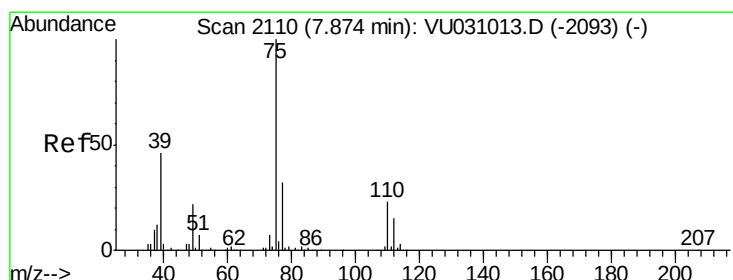
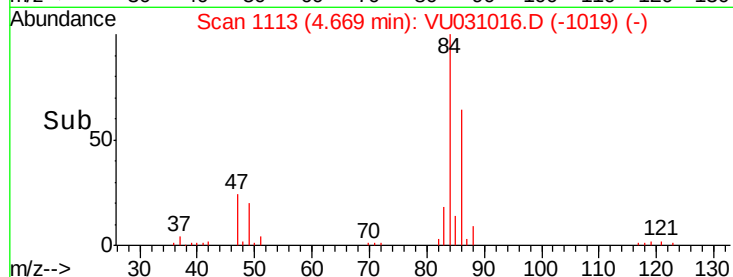
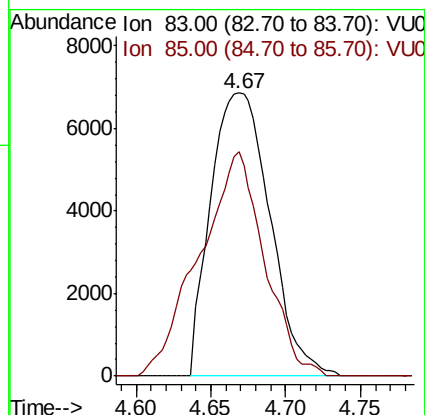
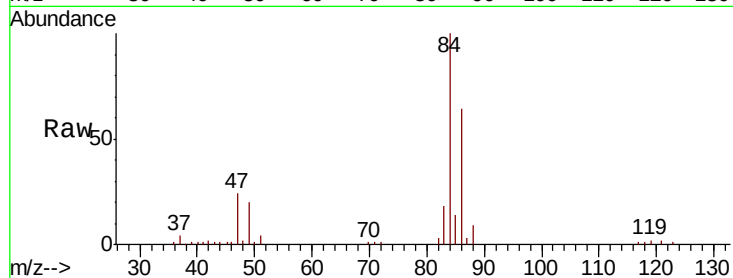




#25
Chloroform
Concen: 2.767 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031016.D
Acq: 10 Apr 2019 17:18

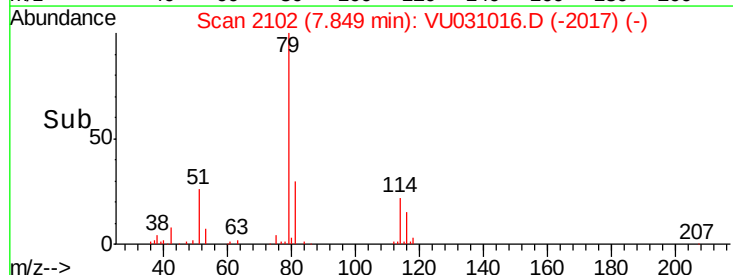
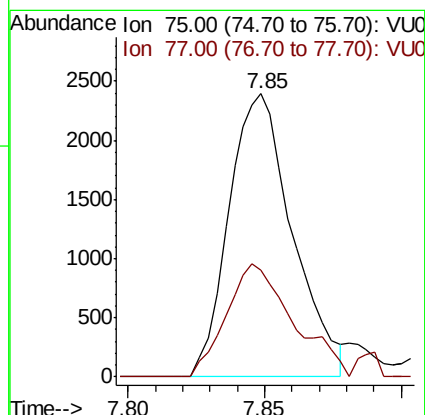
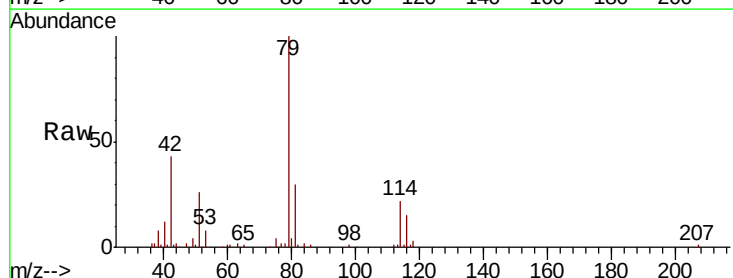
Instrument :
MSVOA_U
ClientSampleId :
BF2R1

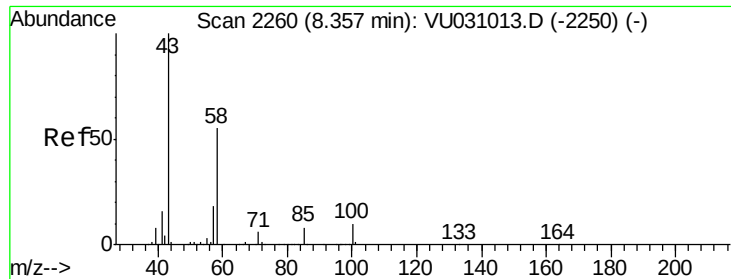
Tot Ion: 83 Resp: 18925
Ion Ratio Lower Upper
83 100
85 79.5 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031016.D
Acq: 10 Apr 2019 17:18

Tgt Ion: 75 Resp: 3872
Ion Ratio Lower Upper
75 100
77 37.6 21.6 40.0





#48
 2-Hexanone
 Concen: 2.496 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031016.D
 Acq: 10 Apr 2019 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2R1

Tot Ion:	43	Resp:	12995
Ion	Ratio	Lower	Upper
43	100		
58	37.4	41.9	62.9#
57	0.0	14.3	21.5#
100	7.6	7.1	10.7

