

Data File : VU034594.D
Acq On : 17 Sep 2019 03:31
Operator : JC/SP
Sample : K4838-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMM3

Quant Time: Sep 17 05:06:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	268441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	245586	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	99414	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59484	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.86%
7) Chloroethane-d5	1.67	69	51894	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.26	63	97081	36.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.28%
21) 2-Butanone-d5	4.15	46	157797	108.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.05%
24) Chloroform-d	4.62	84	147292	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
26) 1,2-Dichloroethane-d4	5.29	65	95556	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.52%
32) Benzene-d6	5.32	84	280795	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.31	67	105090	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.56%
41) Toluene-d8	7.54	98	264889	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%
43) trans-1,3-Dichloropropene-	7.83	79	47745	49.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.58%
47) 2-Hexanone-d5	8.29	63	114182	104.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	160331	51.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.10%
64) 1,2-Dichlorobenzene-d4	11.84	152	94960	53.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.10%

Target Compounds

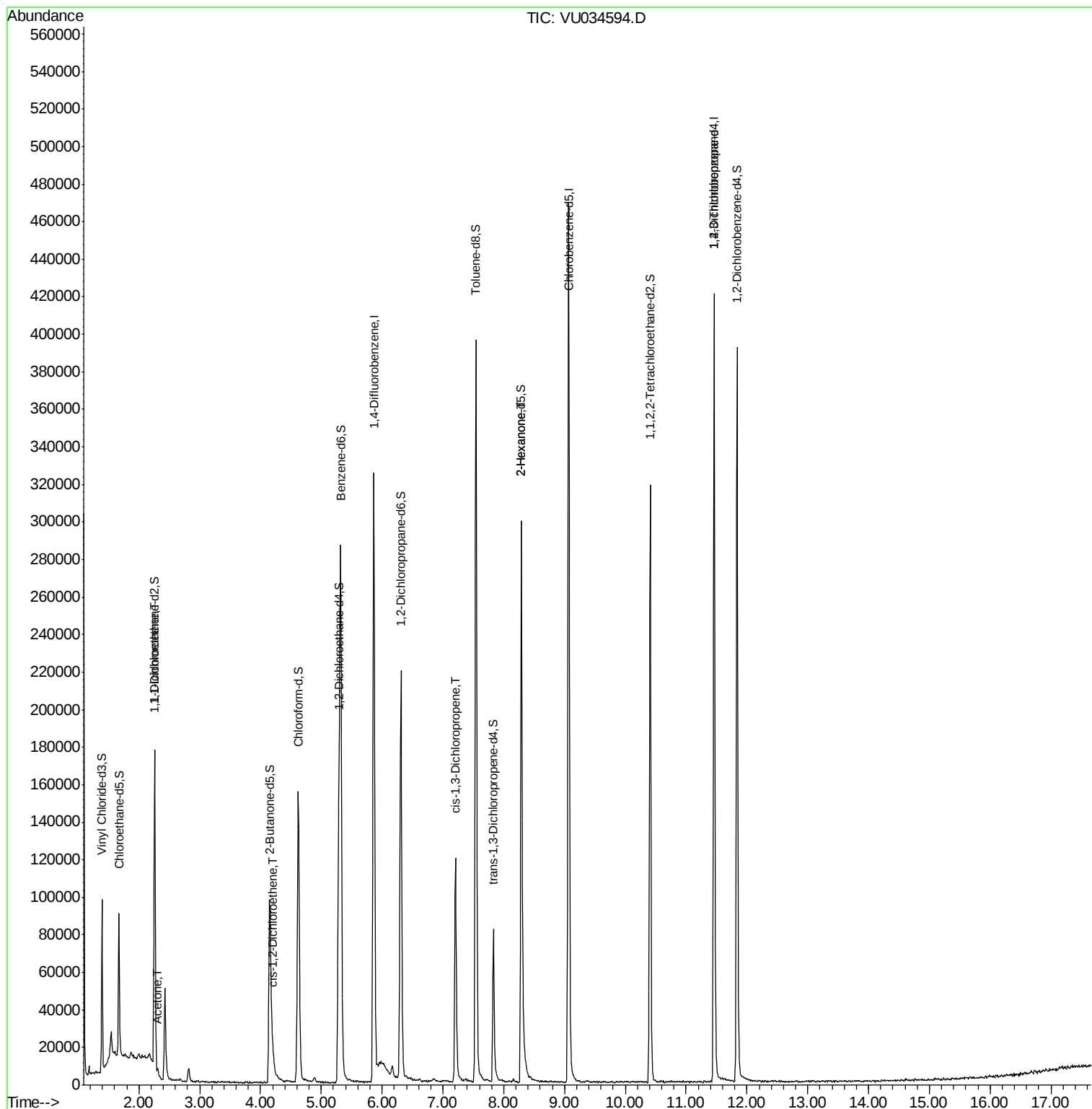
					Qvalue
12) 1,1-Dichloroethene	2.27	96	4519	3.542 ug/L #	1
13) Acetone	2.31	43	2764	2.106 ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	4518	2.555 ug/L	99
39) cis-1,3-Dichloropropene	7.21	75	3190	1.123 ug/L	90
48) 2-Hexanone	8.29	43	12495	5.057 ug/L #	69
59) 1,2,3-Trichloropropane	11.46	75	16138	6.249 ug/L	94

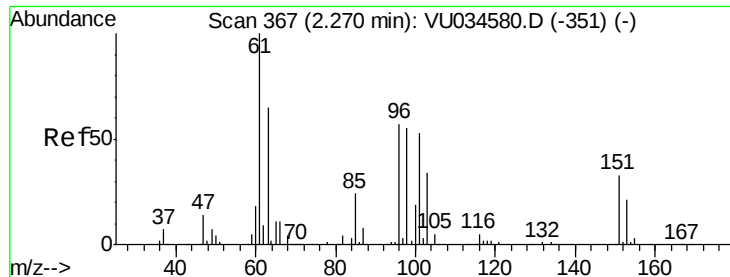
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.542 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

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Acq: 17 Sep 2019 03:31

Instrument :

MSVOA_U

ClientSampleId :

COMM3

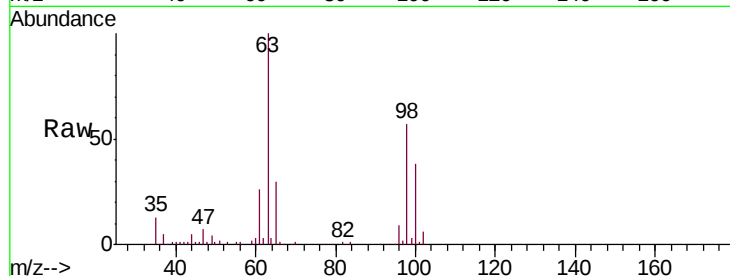
Tgt Ion: 96 Resp: 4519

Ion Ratio Lower Upper

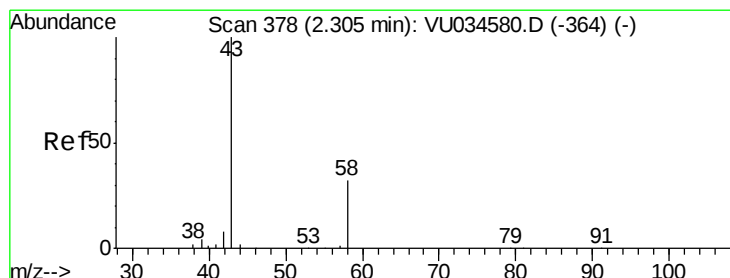
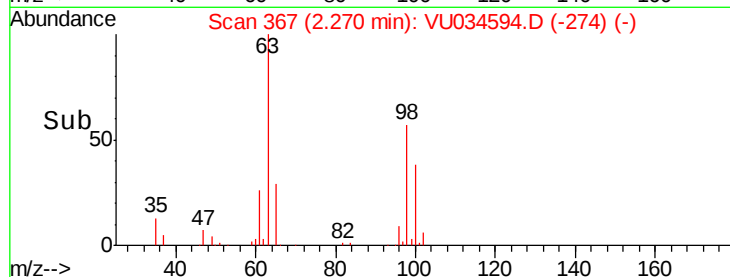
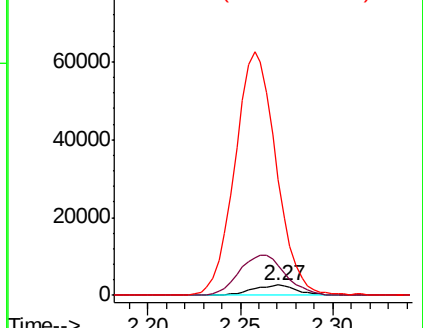
96 100

61 290.2 117.8 218.8#

63 1135.7 83.8 155.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 2.106 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034594.D

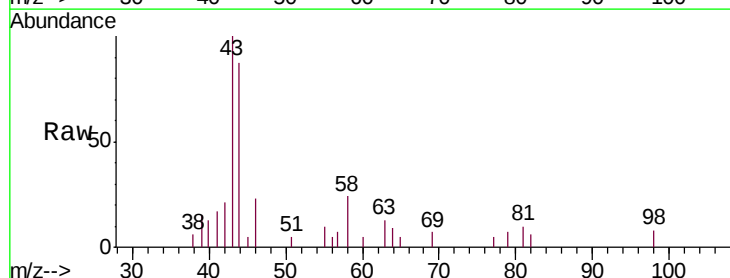
Acq: 17 Sep 2019 03:31

Tgt Ion: 43 Resp: 2764

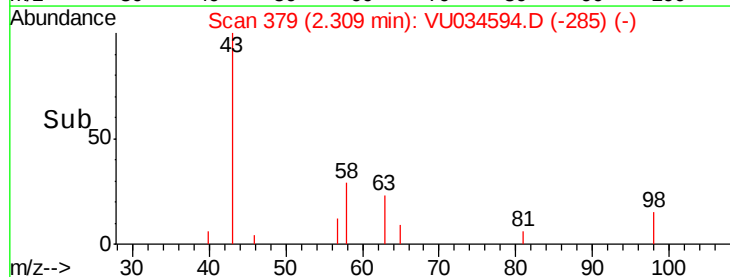
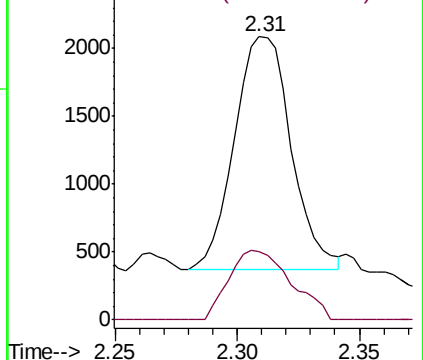
Ion Ratio Lower Upper

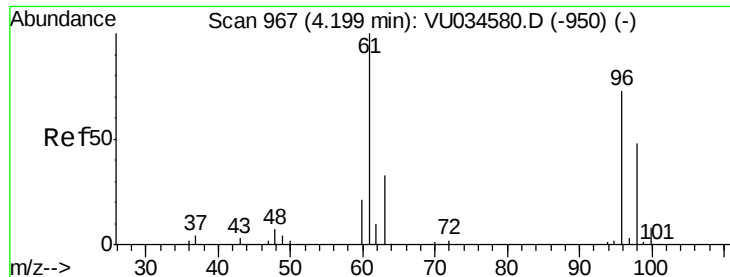
43 100

58 32.8 0.0 65.0



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

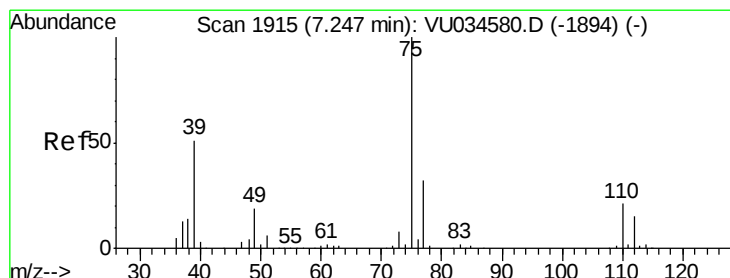
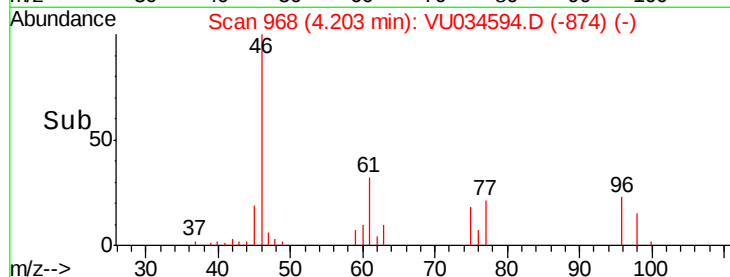
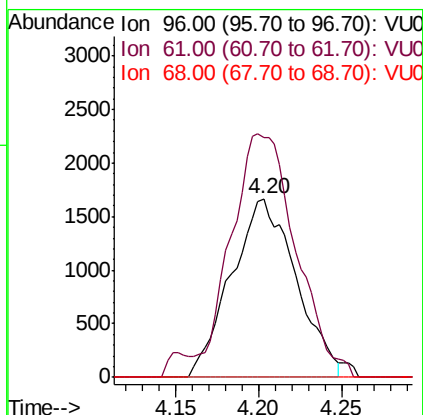
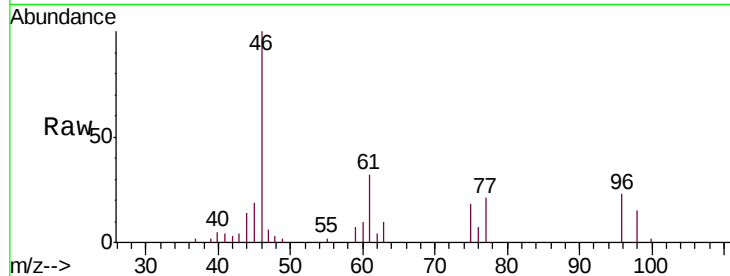




#20
 cis-1,2-Dichloroethene
 Concen: 2.555 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034594.D
 Acq: 17 Sep 2019 03:31

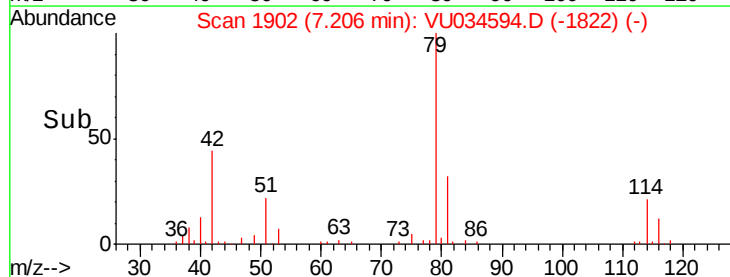
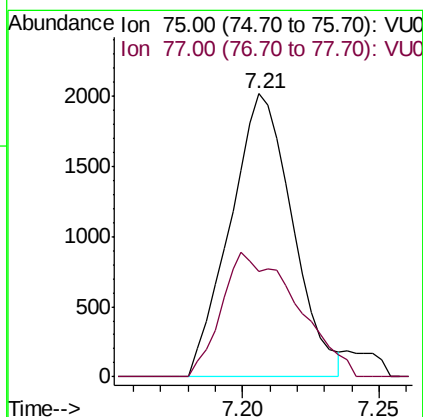
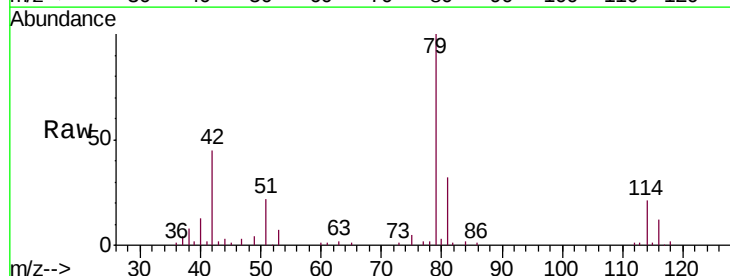
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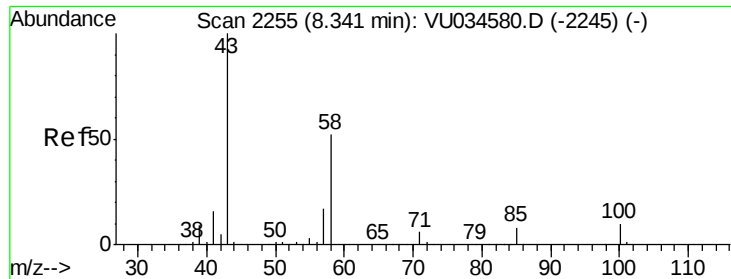
Tgt Ion: 96 Resp: 4518
 Ion Ratio Lower Upper
 96 100
 61 134.6 94.7 175.9
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.123 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU034594.D
 Acq: 17 Sep 2019 03:31

Tgt Ion: 75 Resp: 3190
 Ion Ratio Lower Upper
 75 100
 77 37.1 22.3 41.3

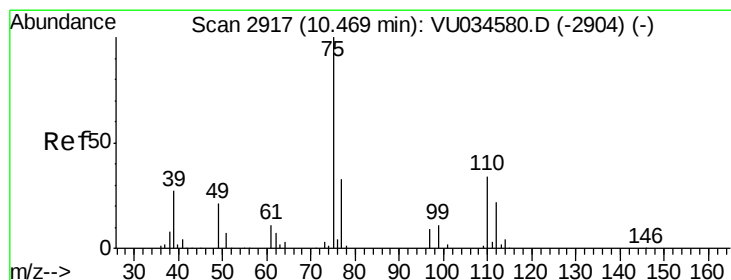
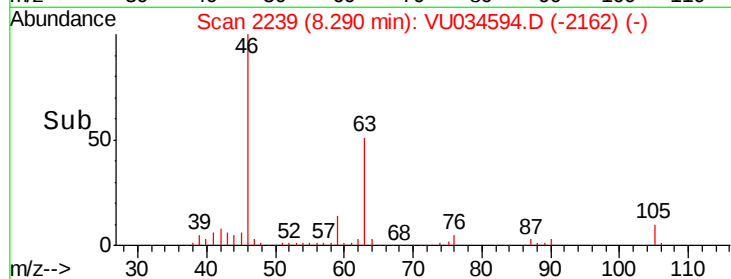
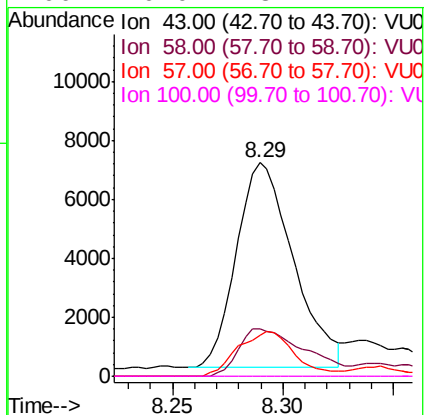
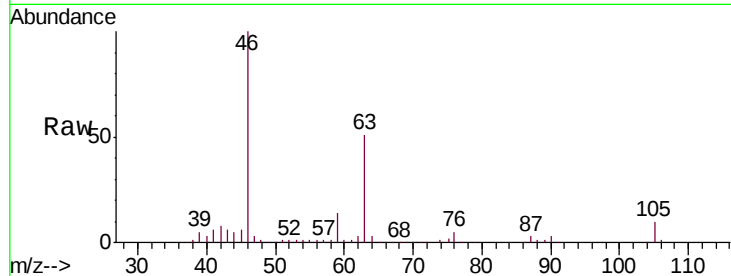




#48
 2-Hexanone
 Concen: 5.057 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
 Lab File: VU034594.D
 Acq: 17 Sep 2019 03:31

Instrument :
 MSVOA_U
 ClientSampleId :
 COMM3

Tgt Ion: 43 Resp: 12495
 Ion Ratio Lower Upper
 43 100
 58 26.9 43.3 64.9#
 57 21.3 13.1 19.7#
 100 0.0 8.2 12.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.249 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034594.D
 Acq: 17 Sep 2019 03:31

Tgt Ion: 75 Resp: 16138
 Ion Ratio Lower Upper
 75 100
 77 36.1 26.1 39.1

