

Data File : VU034705.D
Acq On : 20 Sep 2019 22:00
Operator : JC/SP
Sample : K4948-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCX8

Quant Time: Sep 21 05:31:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	456263	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	440874	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	193468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183668	39.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.64%
7) Chloroethane-d5	1.67	69	155005	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.88%
11) 1,1-Dichloroethene-d2	2.14	63	99	0.01	ug/L	-0.11
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.15	46	366264	102.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.31%
24) Chloroform-d	4.62	84	319047	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.29	65	236225	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
32) Benzene-d6	5.32	84	641887	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
36) 1,2-Dichloropropane-d6	6.31	67	226265	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.74%
41) Toluene-d8	7.54	98	597138	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%
43) trans-1,3-Dichloropropene-	7.83	79	102321	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.46%
47) 2-Hexanone-d5	8.29	63	231334	96.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.43%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	305452	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.84	152	192220	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%

Target Compounds

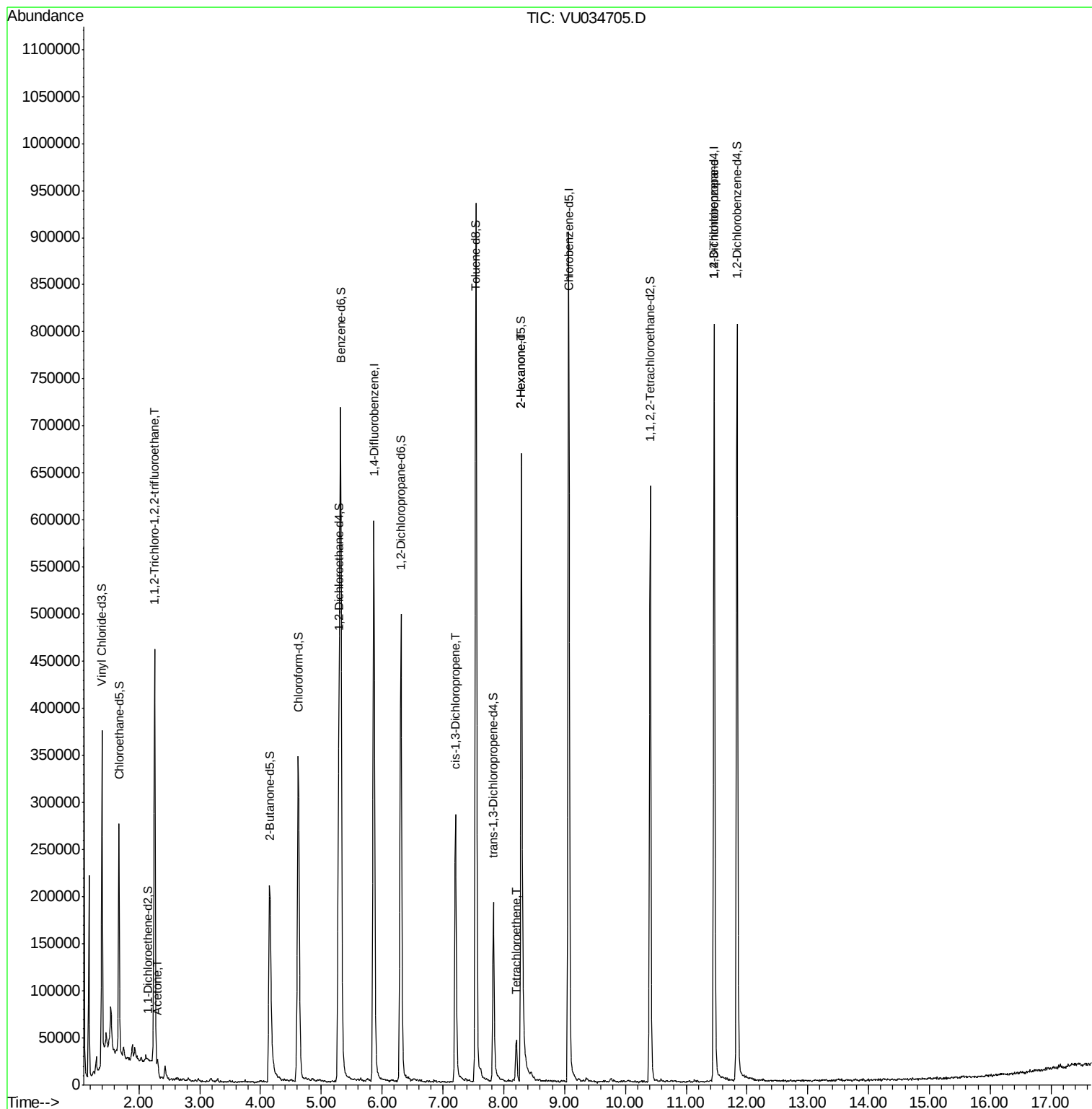
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2270	0.730 ug/L #	22
13) Acetone	2.31	43	18168	4.363 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	6661	0.974 ug/L #	49
46) Tetrachloroethene	8.21	164	9399	3.538 ug/L	79
48) 2-Hexanone	8.29	43	30480	4.490 ug/L #	68
59) 1,2,3-Trichloropropane	11.46	75	29414	5.173 ug/L	89

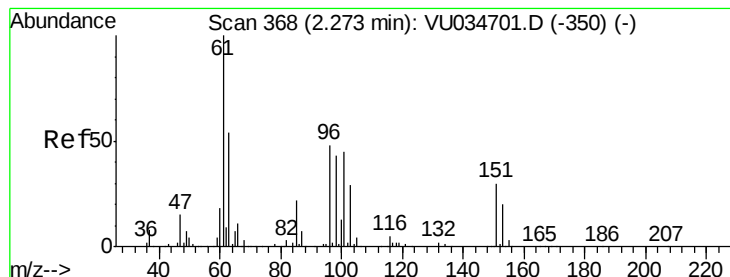
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration





#10

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

Concen: 0.730 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU034705.D

Acq: 20 Sep 2019 22:00

Instrument :

MSVOA_U

ClientSampled :

BFCX8

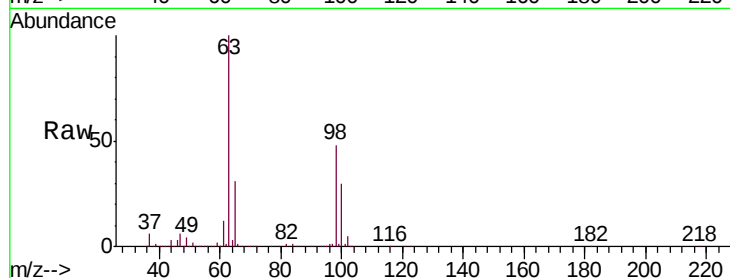
Tgt Ion: 101 Resp: 2270

Ion Ratio Lower Upper

101 100

85 0.0 39.0 58.4#

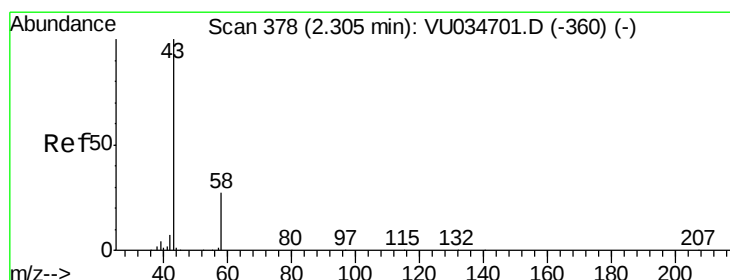
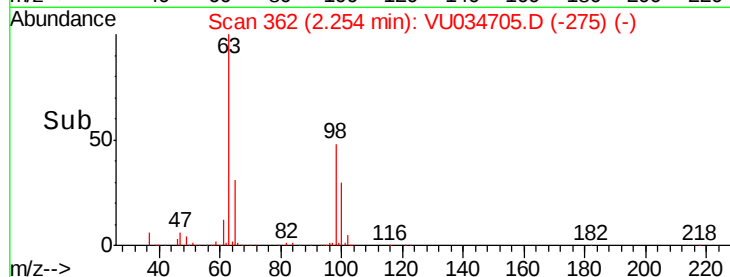
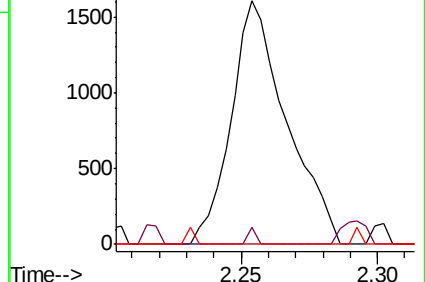
151 0.0 52.8 79.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.363 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU034705.D

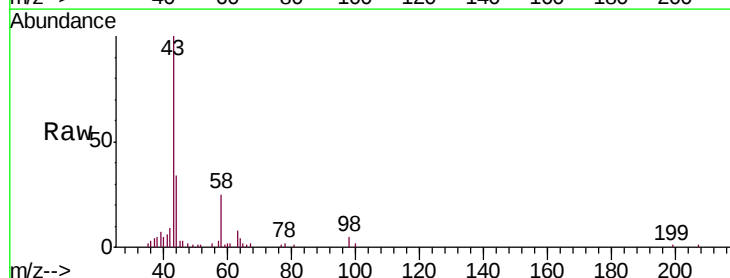
Acq: 20 Sep 2019 22:00

Tgt Ion: 43 Resp: 18168

Ion Ratio Lower Upper

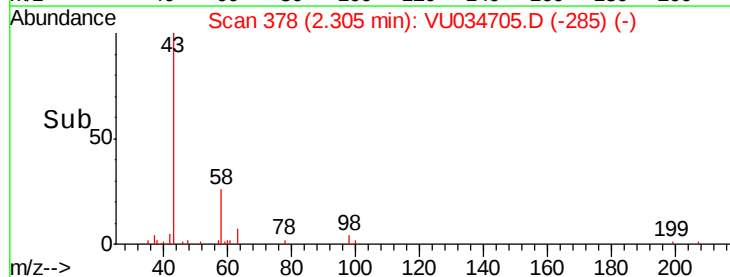
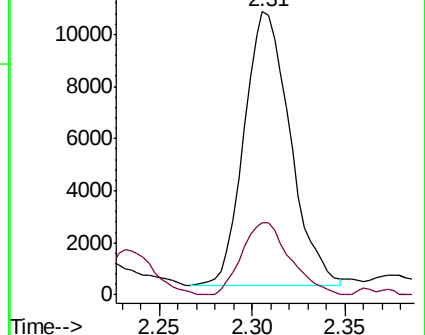
43 100

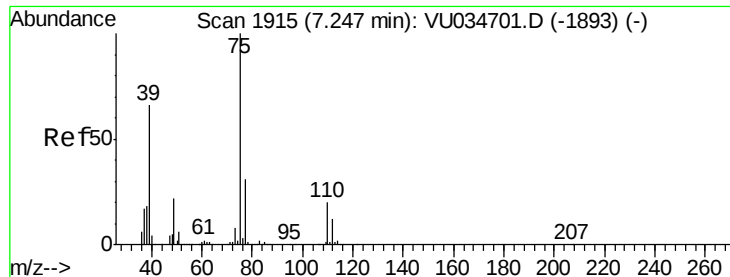
58 27.6 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



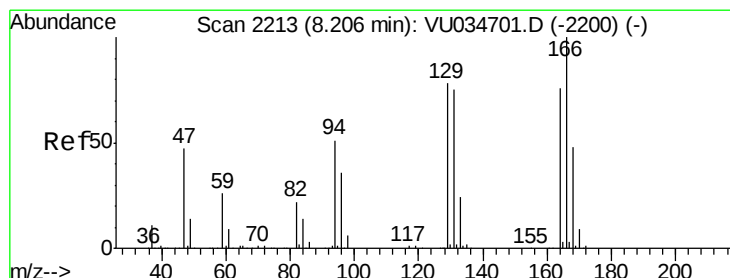
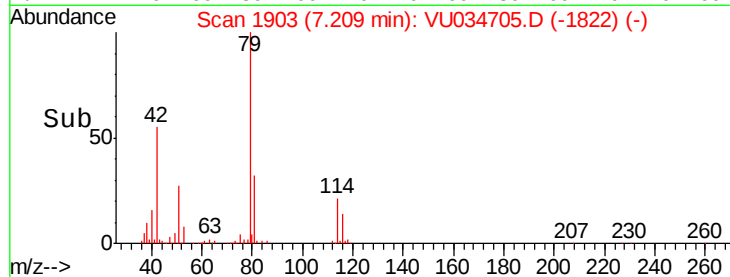
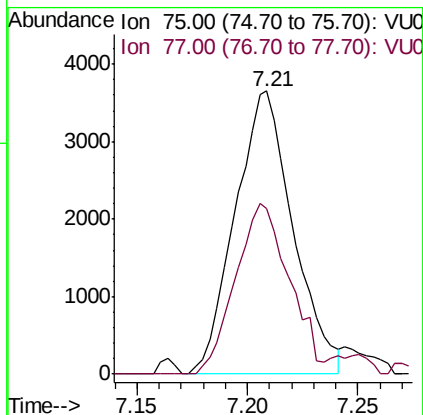
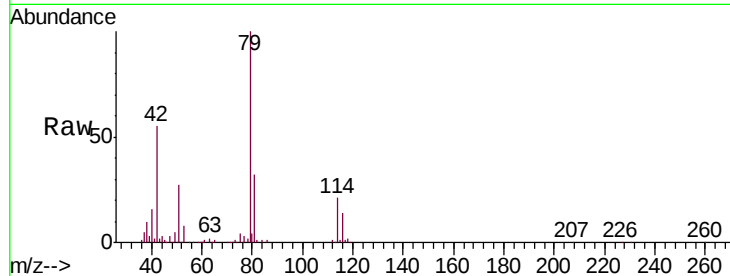


#39

cis-1,3-Dichloropropene
 Concen: 0.974 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU034705.D
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Instrument :
 MSVOA_U
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 BFCX8

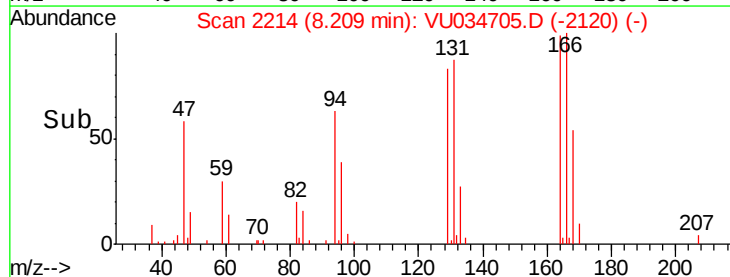
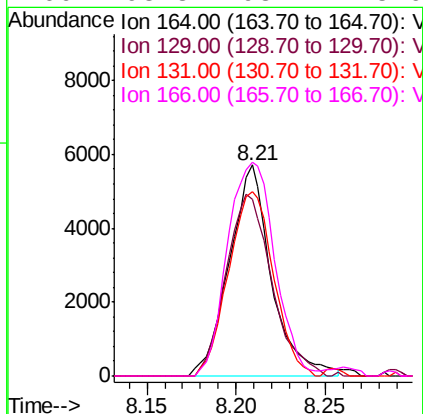
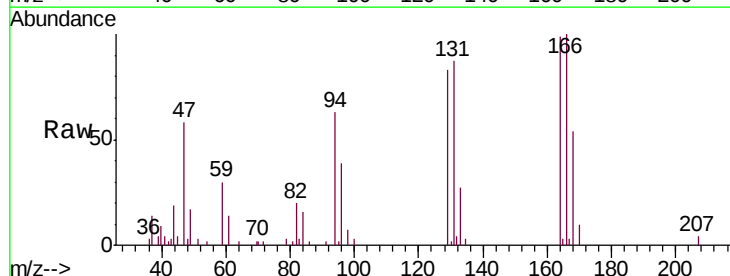
Tgt Ion: 75 Resp: 6661
 Ion Ratio Lower Upper
 75 100
 77 58.4 21.4 39.8#

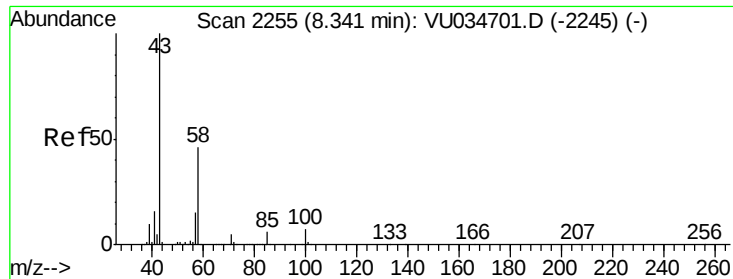


#46

Tetrachloroethene
 Concen: 3.538 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU034705.D
 Acq: 20 Sep 2019 22:00

Tgt Ion: 164 Resp: 9399
 Ion Ratio Lower Upper
 164 100
 129 81.3 71.9 133.5
 131 85.0 66.3 123.1
 166 98.3 93.4 173.6

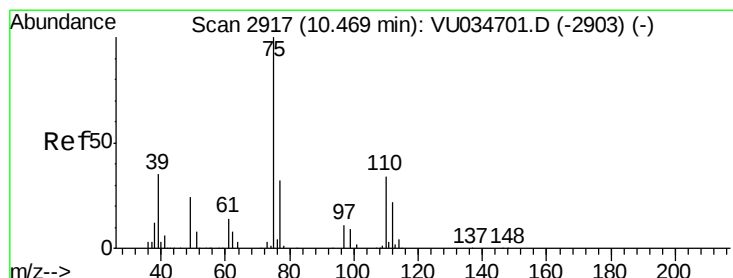
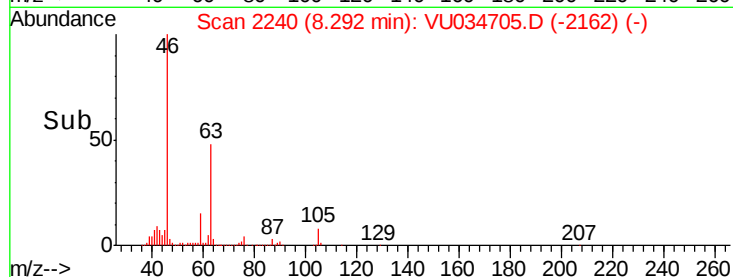
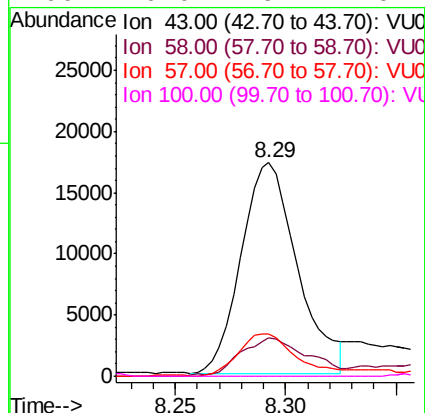
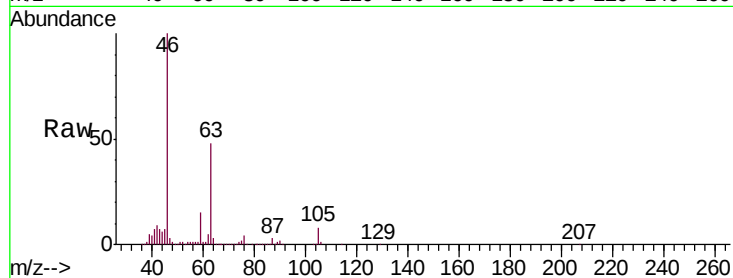




#48
 2-Hexanone
 Concen: 4.490 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU034705.D
 Acq: 20 Sep 2019 22:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BFCX8

Tgt Ion: 43 Resp: 30480
 Ion Ratio Lower Upper
 43 100
 58 18.6 35.3 52.9#
 57 20.7 12.1 18.1#
 100 0.0 6.2 9.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.173 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034705.D
 Acq: 20 Sep 2019 22:00

Tgt Ion: 75 Resp: 29414
 Ion Ratio Lower Upper
 75 100
 77 36.9 24.6 37.0

