

Data File : VU034768.D
Acq On : 24 Sep 2019 14:04
Operator : JC/SP
Sample : K4984-04 10X
Misc : 5.38g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDK8

Quant Time: Sep 25 03:02:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	436900	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	415258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	185760	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	180564	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.66	69	159064	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.02%
11) 1,1-Dichloroethene-d2	2.25	63	253665	33.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.98%
21) 2-Butanone-d5	4.15	46	353962	103.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.62	84	316797	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.28	65	224564	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.31	84	680820	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.31	67	241300	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.28%
41) Toluene-d8	7.54	98	661104	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%
43) trans-1,3-Dichloropropene-	7.83	79	109094	50.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.26%
47) 2-Hexanone-d5	8.29	63	244616	108.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335971	53.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.64%
64) 1,2-Dichlorobenzene-d4	11.84	152	220055	56.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.98%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2382	0.800 ug/L #	24
20) cis-1,2-Dichloroethene	4.20	96	7860	2.151 ug/L	82
34) Trichloroethene	6.17	95	12585	3.538 ug/L	96
46) Tetrachloroethene	8.21	164	2528823	1010.749 ug/L	97
48) 2-Hexanone	8.29	43	30818	4.819 ug/L #	74
59) 1,2,3-Trichloropropane	11.46	75	28787	5.375 ug/L	98

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

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ALS Vial      : 6      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
BEDK8

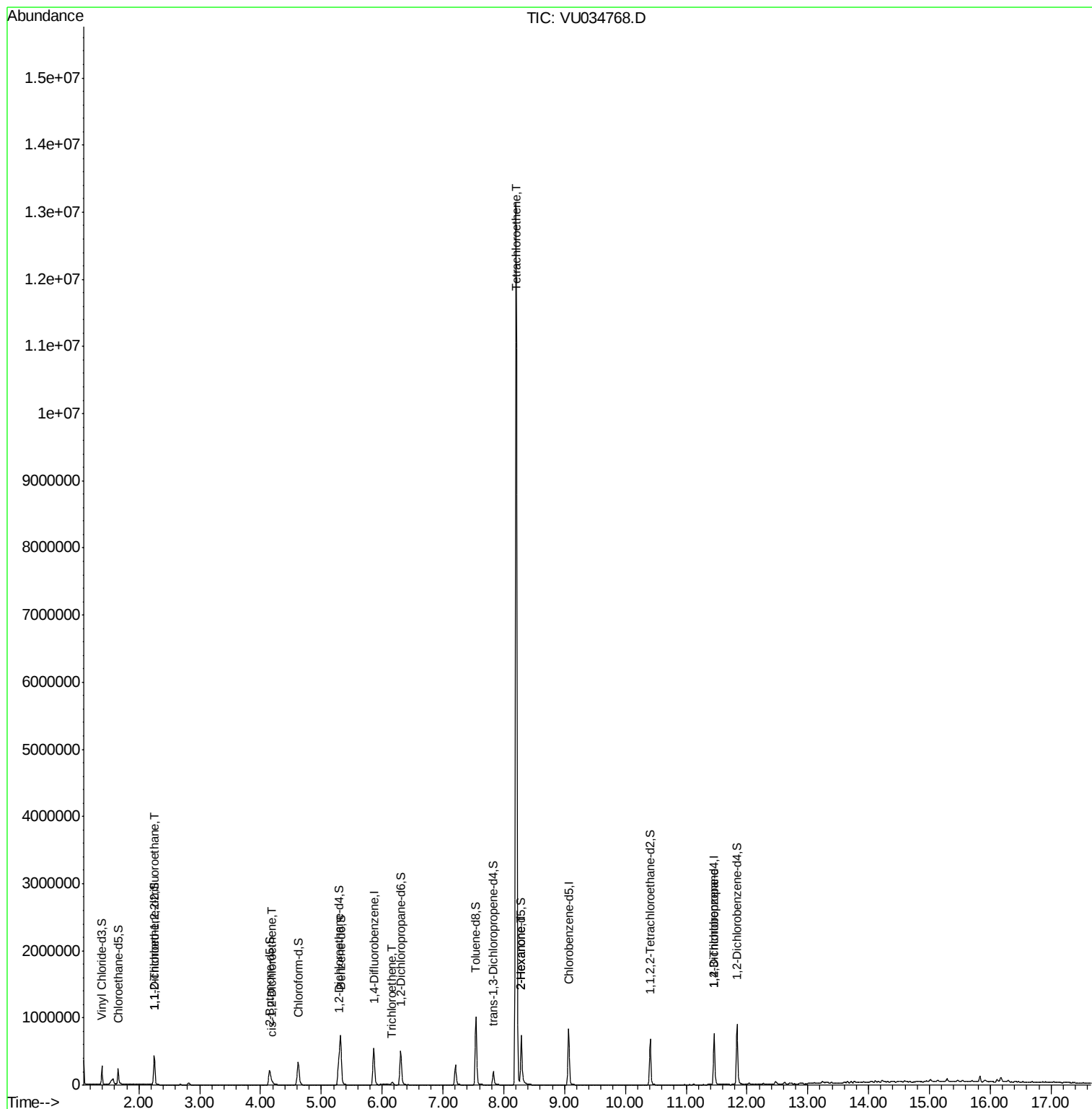
Quant Time: Sep 25 03:02:26 2019

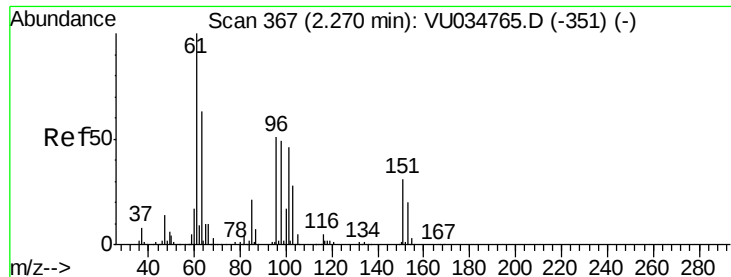
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM091919WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Sep 25 02:59:31 2019

Response via : Initial Calibration





#10

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

Concen: 0.800 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU034768.D

Acq: 24 Sep 2019 14:04

Instrument :

MSVOA_U

ClientSampleId :

BEDK8

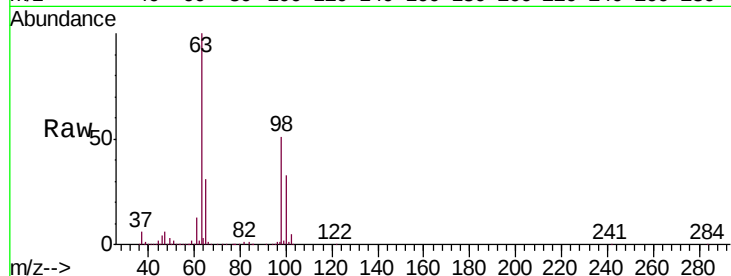
Tgt Ion:101 Resp: 2382

Ion Ratio Lower Upper

101 100

85 3.1 39.0 58.4#

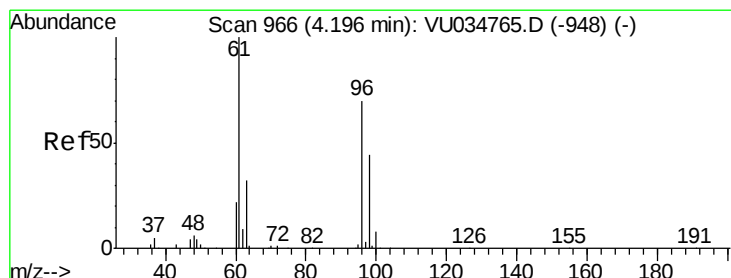
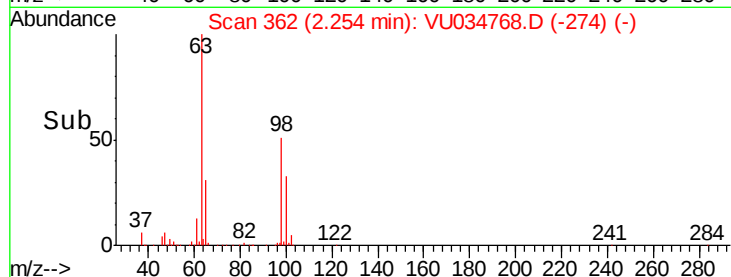
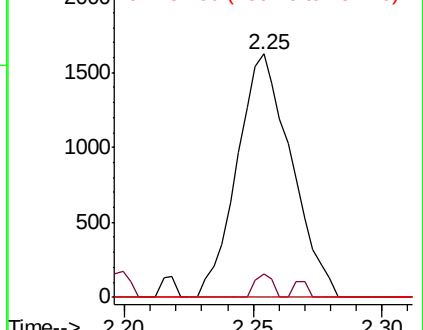
151 0.0 52.8 79.2#



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



#20

cis-1,2-Dichloroethene

Concen: 2.151 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034768.D

Acq: 24 Sep 2019 14:04

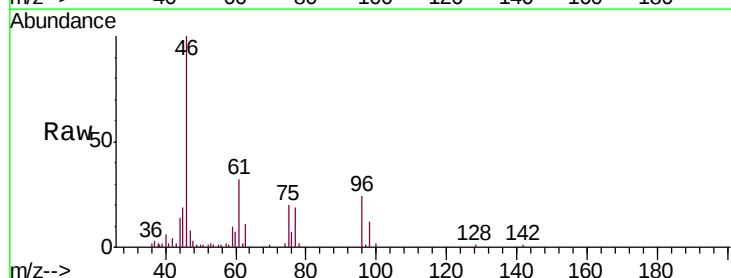
Tgt Ion: 96 Resp: 7860

Ion Ratio Lower Upper

96 100

61 132.3 108.8 202.2

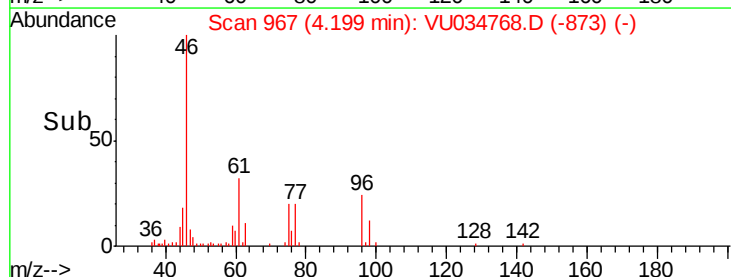
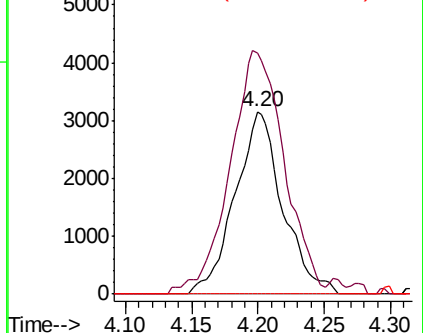
68 0.0 0.0 0.0

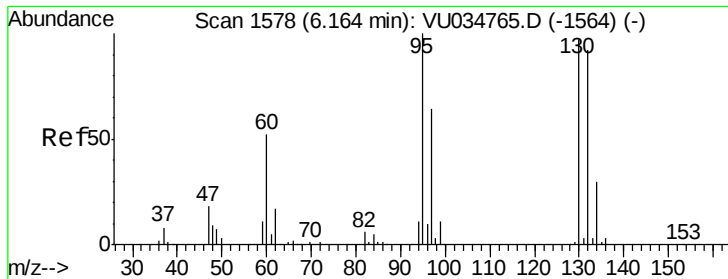


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 3.538 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034768.D

Acq: 24 Sep 2019 14:04

Instrument :

MSVOA_U

ClientSampleId :

BEDK8

Tgt Ion: 95 Resp: 12585

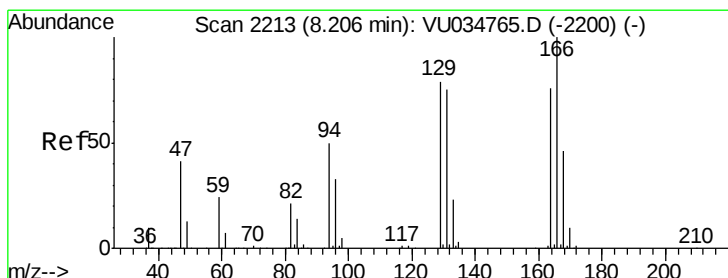
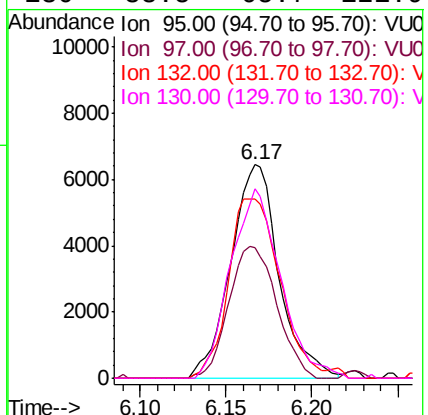
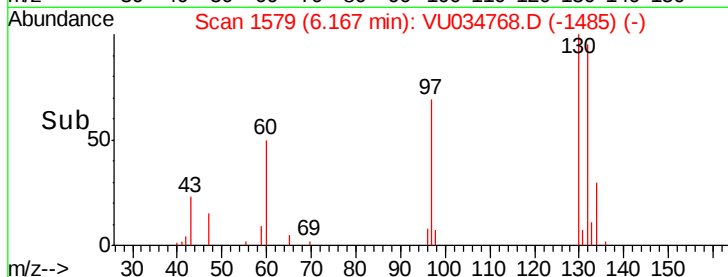
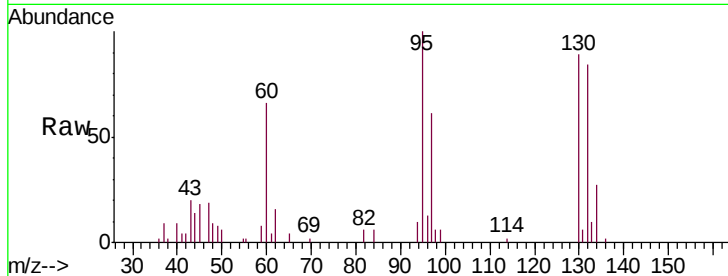
Ion Ratio Lower Upper

95 100

97 61.0 43.7 81.1

132 83.8 61.0 113.2

130 88.5 65.7 121.9



#46

Tetrachloroethene

Concen: 1010.749 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034768.D

Acq: 24 Sep 2019 14:04

Tgt Ion: 164 Resp: 2528823

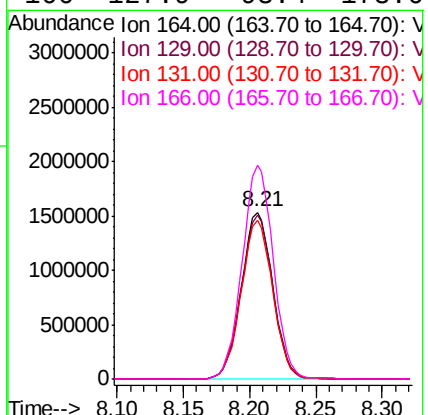
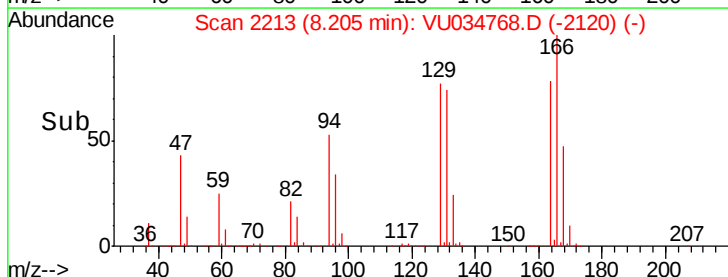
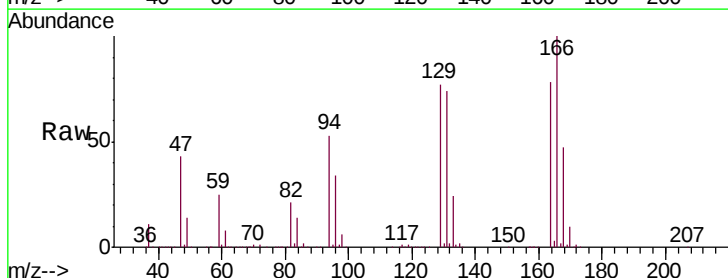
Ion Ratio Lower Upper

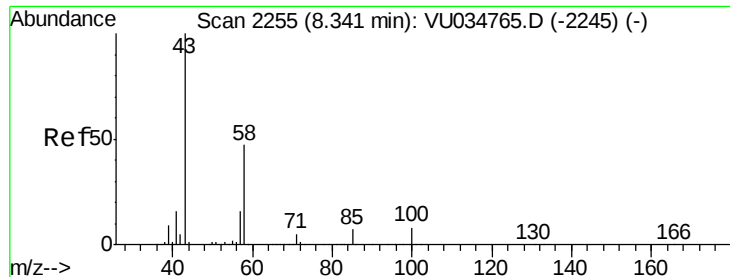
164 100

129 98.0 71.9 133.5

131 94.9 66.3 123.1

166 127.9 93.4 173.6

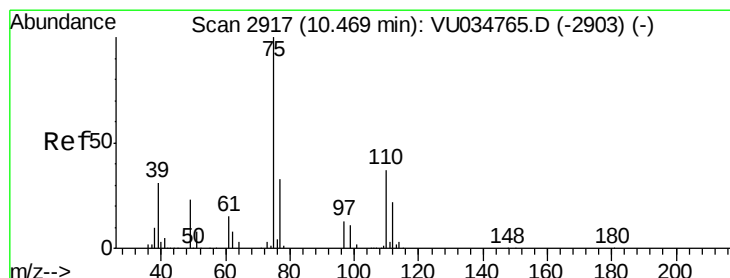
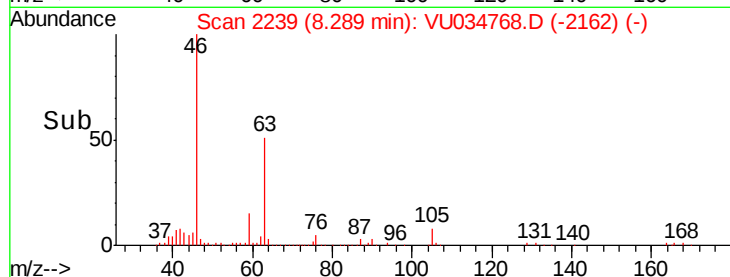
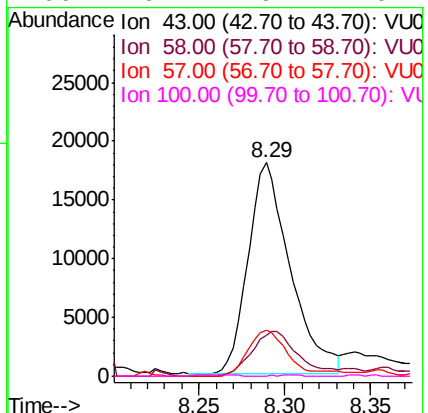
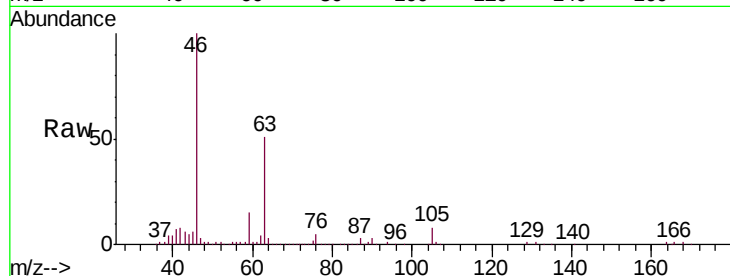




#48
2-Hexanone
Concen: 4.819 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034768.D
Acq: 24 Sep 2019 14:04

Instrument :
MSVOA_U
ClientSampled :
BEDK8

Tgt Ion: 43 Resp: 30818
Ion Ratio Lower Upper
43 100
58 23.2 35.3 52.9#
57 19.4 12.1 18.1#
100 0.1 6.2 9.4#



#59
1,2,3-Trichloropropane
Concen: 5.375 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034768.D
Acq: 24 Sep 2019 14:04

Tgt Ion: 75 Resp: 28787
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

