

Data File : VU035175.D
Acq On : 15 Oct 2019 01:29
Operator : JC/SP
Sample : K5317-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF4

Quant Time: Oct 15 08:05:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	154374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	157826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40260	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.67	69	40866	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.26	63	59660	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.19	46	149290	55.55	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.10%
24) Chloroform-d	4.62	84	77283	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.29	65	49576	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.32	84	158678	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.31	67	57941	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.55	98	129802	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.84	79	17937	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.30	63	98374	46.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	51994	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	43443	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

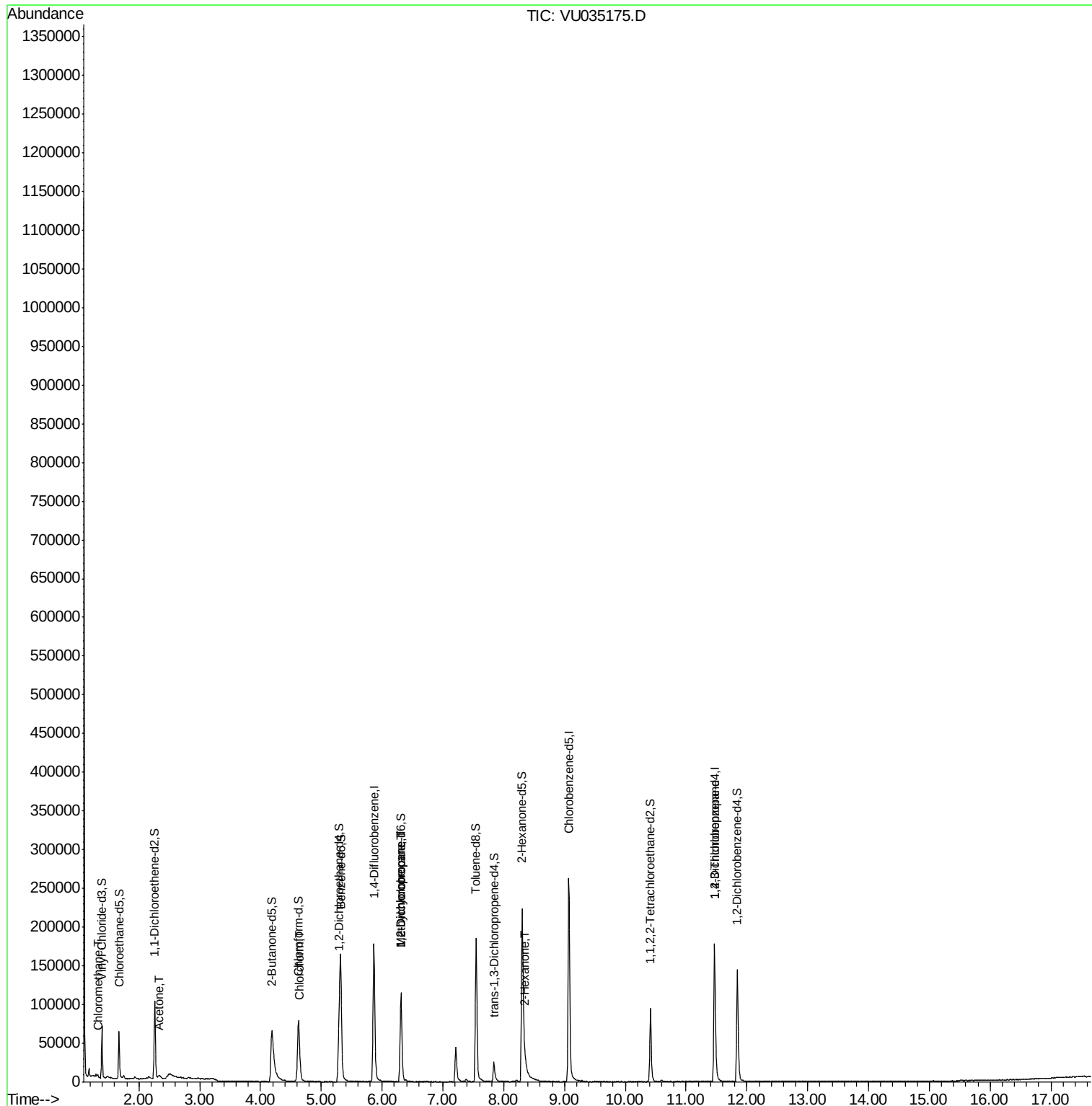
					Qvalue
3) Chloromethane	1.32	50	1940	0.125 ug/L	94
13) Acetone	2.33	43	5619	2.553 ug/L	96
25) Chloroform	4.65	83	10467	0.441 ug/L	99
35) Methylcyclohexane	6.31	83	12474	0.628 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6220	0.485 ug/L #	88
48) 2-Hexanone	8.36	43	6104	1.103 ug/L #	73
59) 1,2,3-Trichloropropane	11.47	75	7241	0.872 ug/L	92

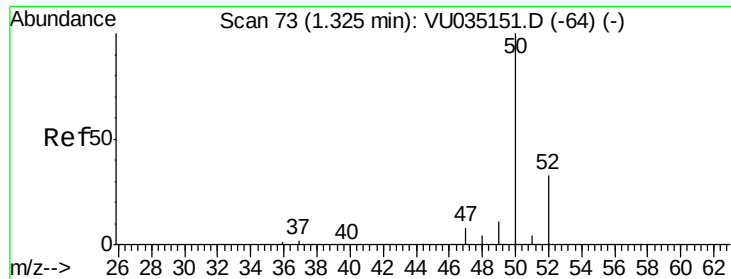
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.125 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

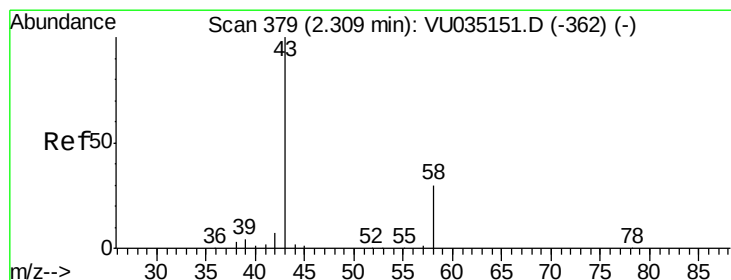
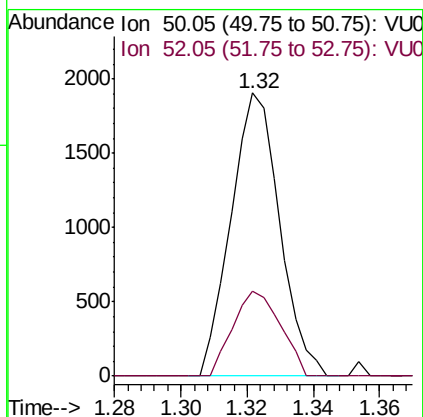
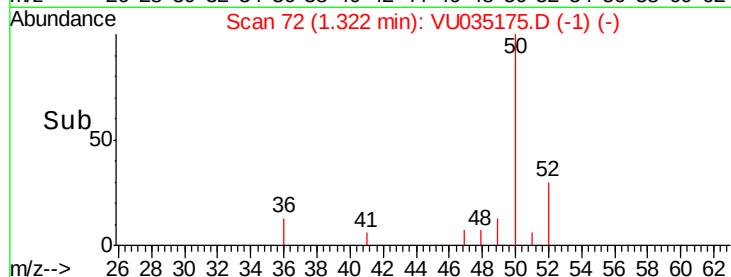
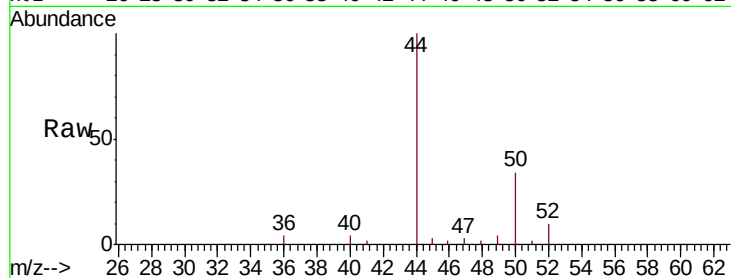
C0CF4

Tgt Ion: 50 Resp: 1940

Ion Ratio Lower Upper

50 100

52 30.1 23.3 43.3



#13

Acetone

Concen: 2.553 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.02 min

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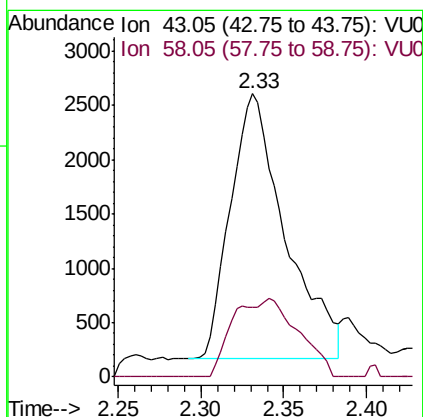
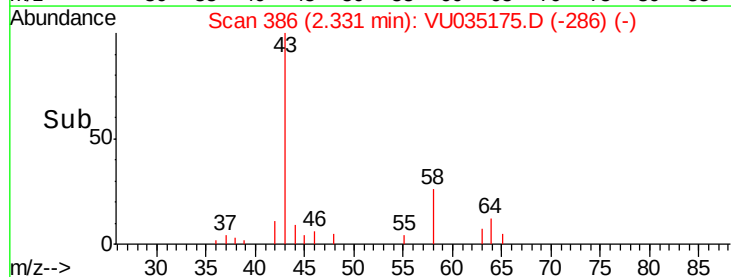
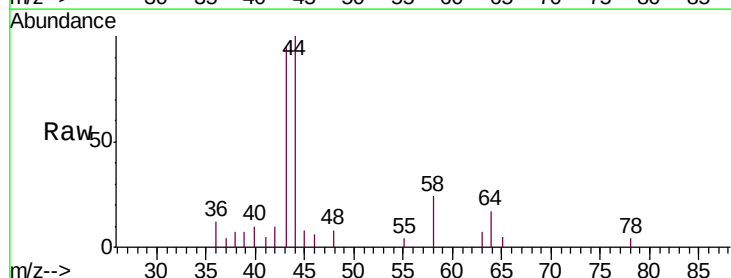
Acq: 15 Oct 2019 01:29

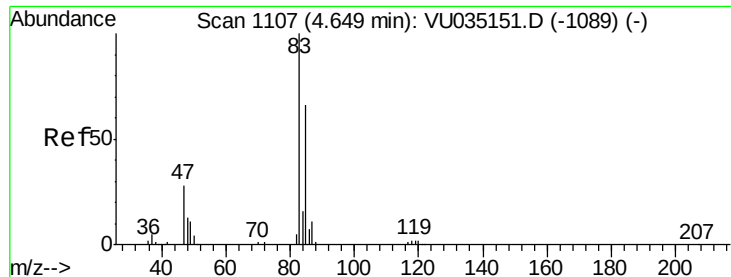
Tgt Ion: 43 Resp: 5619

Ion Ratio Lower Upper

43 100

58 35.4 0.0 66.6

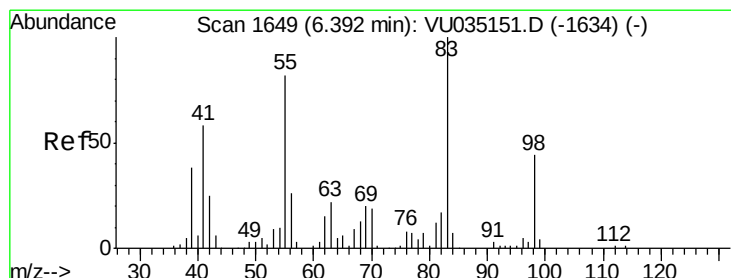
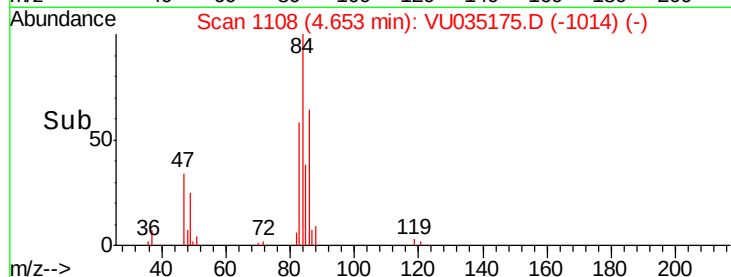
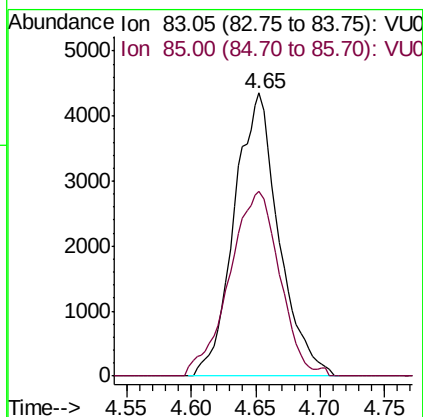
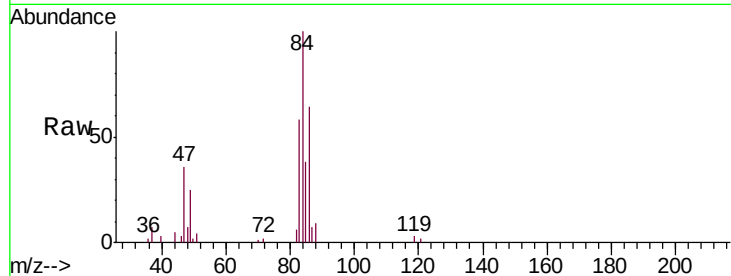




#25
Chloroform
Concen: 0.441 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035175.D
Acq: 15 Oct 2019 01:29

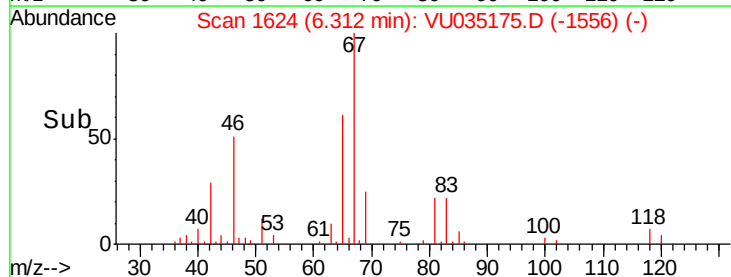
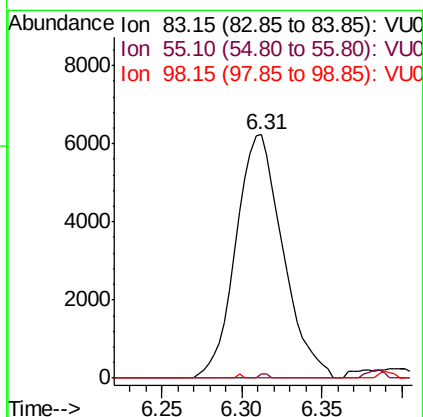
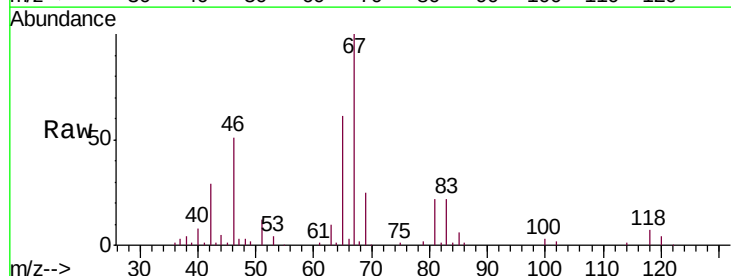
Instrument :
MSVOA_U
ClientSampleId :
C0CF4

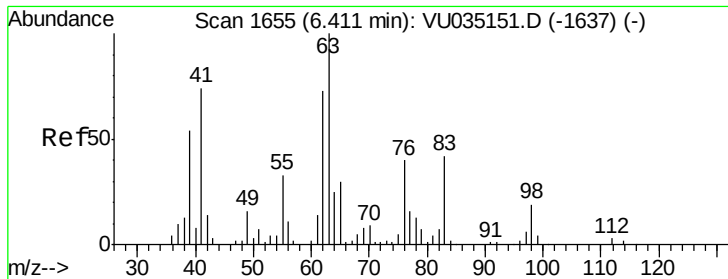
Tgt Ion: 83 Resp: 10467
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.4



#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035175.D
Acq: 15 Oct 2019 01:29

Tgt Ion: 83 Resp: 12474
Ion Ratio Lower Upper
83 100
55 0.4 62.6 94.0#
98 0.2 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.485 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU035175.D

Acq: 15 Oct 2019 01:29

Instrument :

MSVOA_U

ClientSampleId :

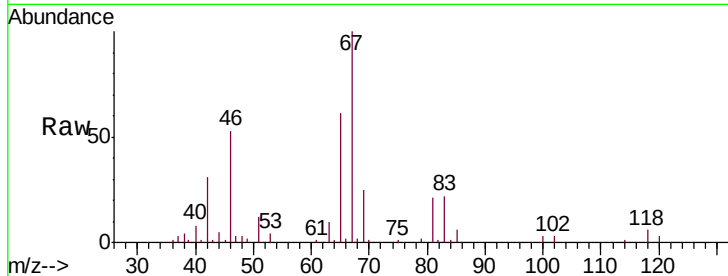
C0CF4

Tgt Ion: 63 Resp: 6220

Ion Ratio Lower Upper

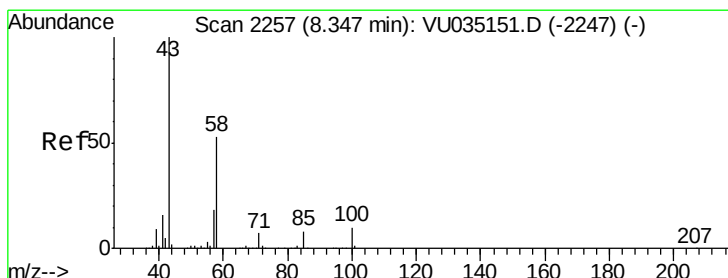
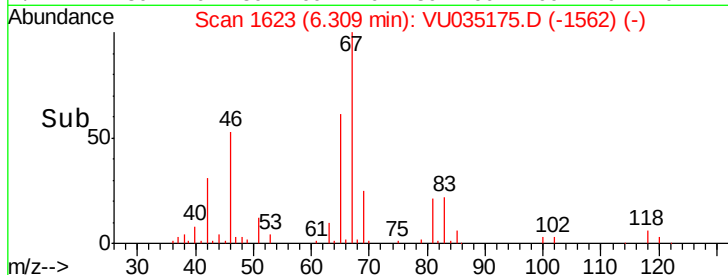
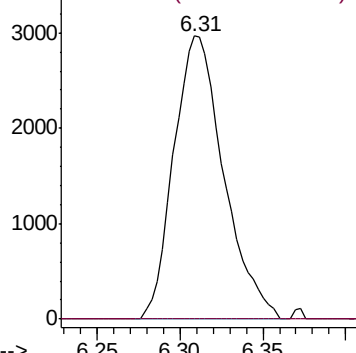
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 1.103 ug/L

RT: 8.36 min Scan# 2260

Delta R.T. 0.01 min

Lab File: VU035175.D

Acq: 15 Oct 2019 01:29

Tgt Ion: 43 Resp: 6104

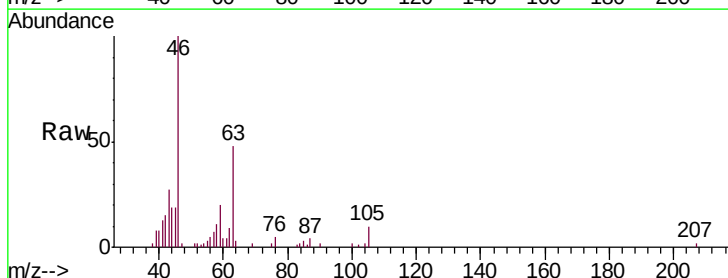
Ion Ratio Lower Upper

43 100

58 38.7 44.1 66.1#

57 0.0 15.8 23.8#

100 3.6 9.4 14.2#

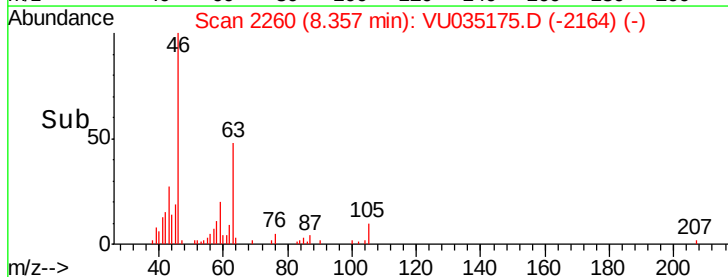
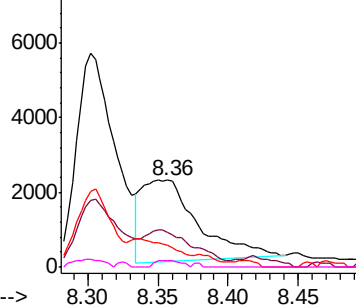


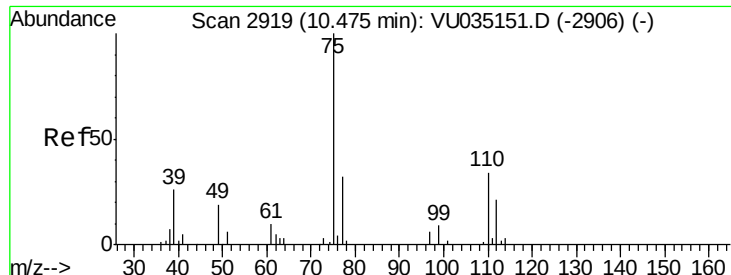
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.872 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035175.D

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Instrument :

MSVOA_U

ClientSampleId :

C0CF4

Tgt Ion: 75 Resp: 7241

Ion Ratio Lower Upper

75 100

77 37.7 26.5 39.7

