

Data File : VU030048.D
Acq On : 13 Mar 2019 22:28
Operator : JC/SP
Sample : K1885-07
Misc : 4.91g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF191

Quant Time: Mar 14 03:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	581701	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	590471	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	324661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	136128	35.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.76%
7) Chloroethane-d5	1.64	69	63715	20.51	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.02%#
11) 1,1-Dichloroethene-d2	2.23	63	193680	27.89	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.78%#
21) 2-Butanone-d5	4.19	46	271225	94.08	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.08%
24) Chloroform-d	4.64	84	285484	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	5.30	65	173995	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.28%
32) Benzene-d6	5.33	84	596411	39.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.48%
36) 1,2-Dichloropropane-d6	6.32	67	194269	41.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.52%
41) Toluene-d8	7.56	98	555811	39.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.10%#
43) trans-1,3-Dichloropropene-	7.85	79	87611	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.76%
47) 2-Hexanone-d5	8.32	63	260235	99.98	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	351997	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	273620	43.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.02%

Target Compounds

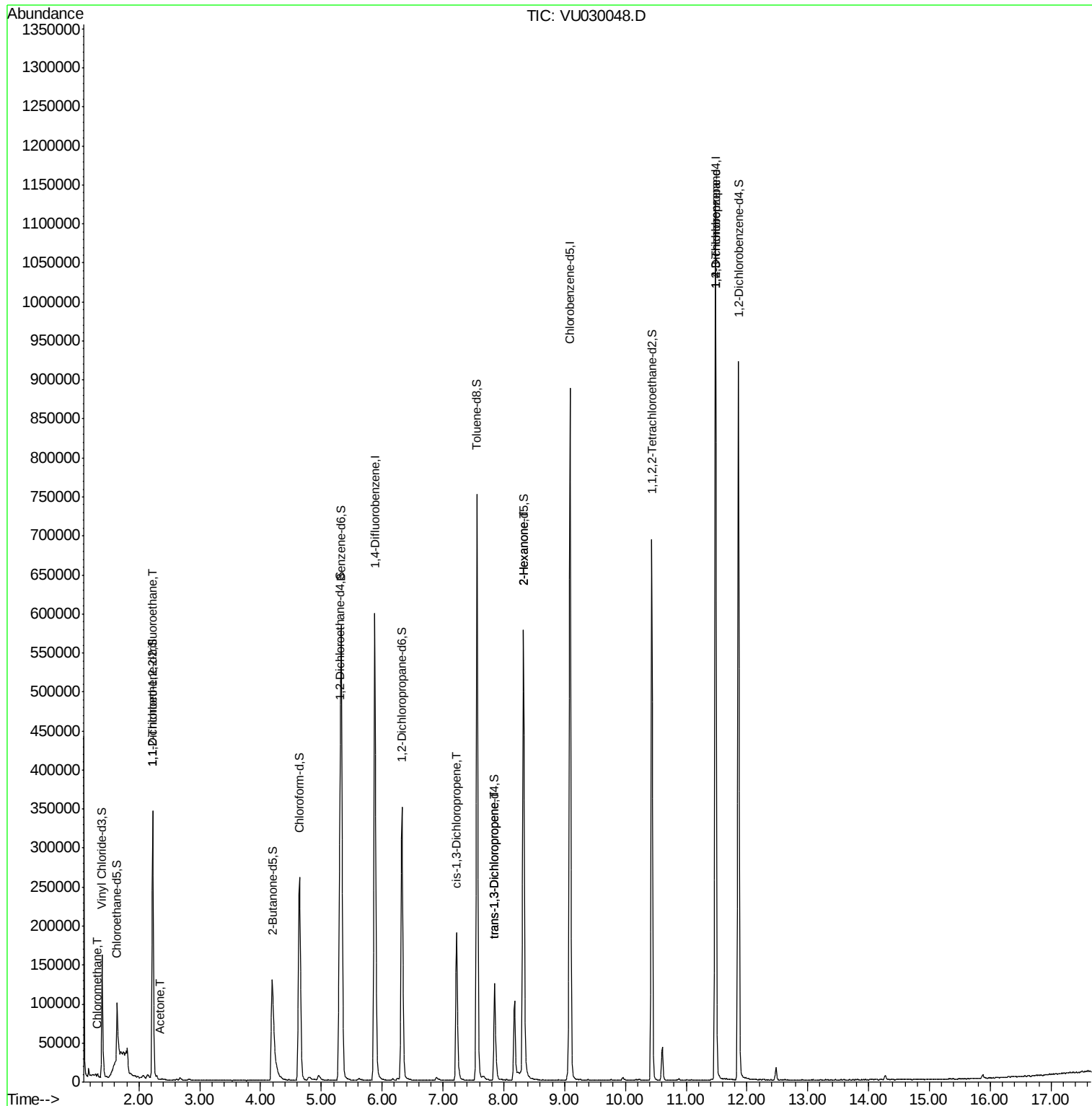
					Qvalue	
3) Chloromethane	1.32	50	3598	0.887	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2317	0.606	ug/L #	19
13) Acetone	2.35	43	1830	0.543	ug/L	63
39) cis-1,3-Dichloropropene	7.22	75	4482	0.648	ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	3751	0.594	ug/L #	77
48) 2-Hexanone	8.32	43	24818	4.848	ug/L #	62
59) 1,2,3-Trichloropropane	11.48	75	32333	5.586	ug/L	94

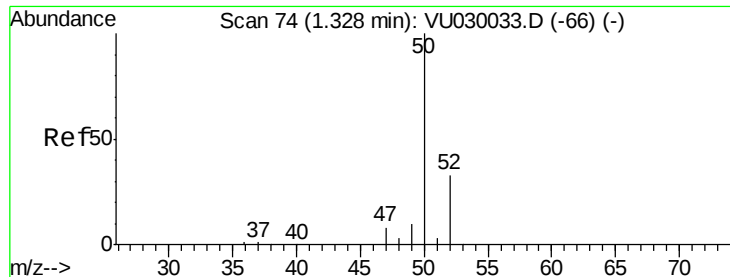
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.887 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030048.D

Acq: 13 Mar 2019 22:28

Instrument :

MSVOA_U

ClientSampleId :

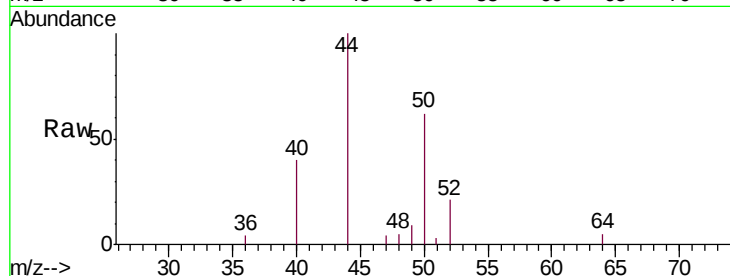
BF191

Tgt Ion: 50 Resp: 3598

Ion Ratio Lower Upper

50 100

52 34.3 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU030048.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU030048.D (-1) (-)

1.32

2500

2000

1500

1000

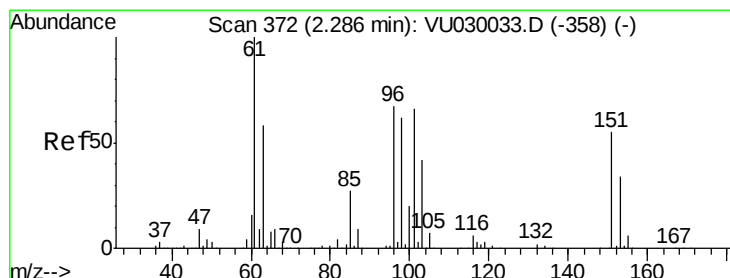
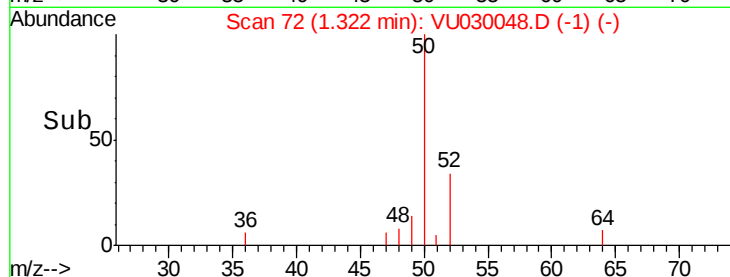
500

0

Time-->

1.30

1.35



#10

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

Concen: 0.606 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.06 min

Lab File: VU030048.D

Acq: 13 Mar 2019 22:28

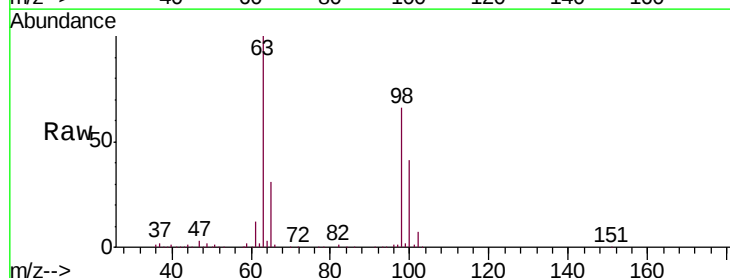
Tgt Ion: 101 Resp: 2317

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 3.0 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): VU030048.D (-279) (-)

Ion 85.00 (84.70 to 85.70): VU030048.D (-279) (-)

Ion 151.00 (150.70 to 151.70): VU030048.D (-279) (-)

2.23

2000

1500

1000

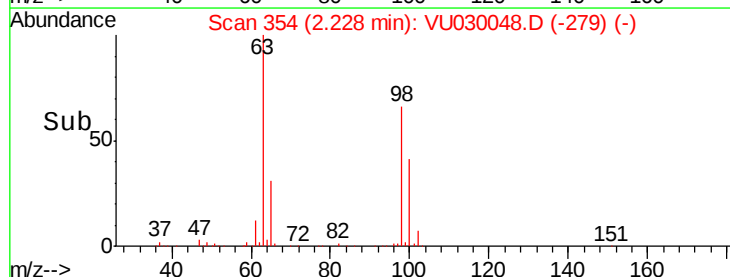
500

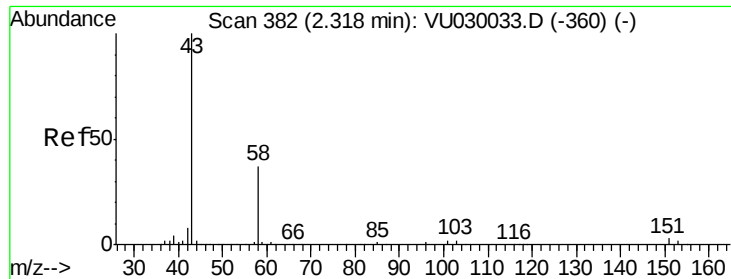
0

Time-->

2.20

2.25





#13

Acetone

Concen: 0.543 ug/L

RT: 2.35 min Scan# 393

Delta R.T. 0.04 min

Lab File: VU030048.D

Acq: 13 Mar 2019 22:28

Instrument :

MSVOA_U

ClientSampleId :

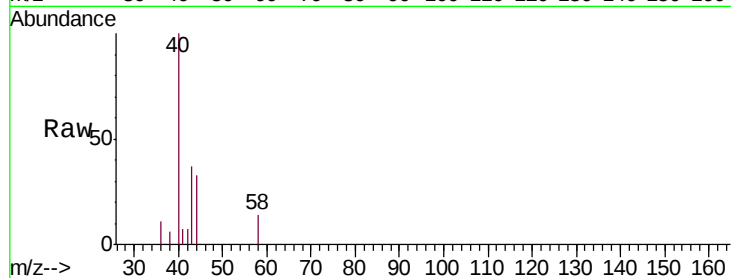
BF191

Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

58 14.6 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030033.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU030033.D (-360) (-)

2.35

600

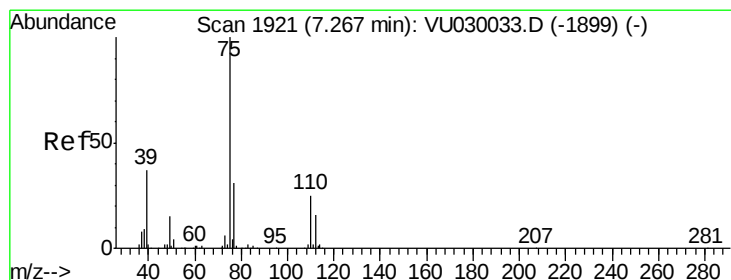
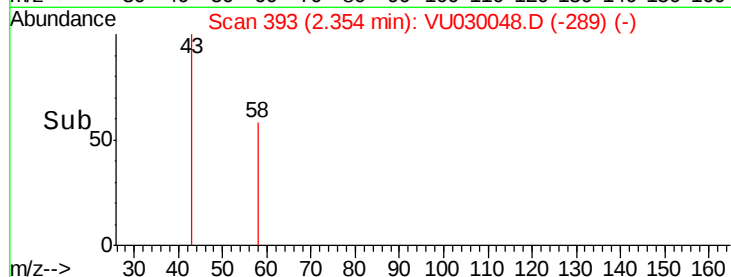
400

200

0

2.30 2.35 2.40

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.648 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030048.D

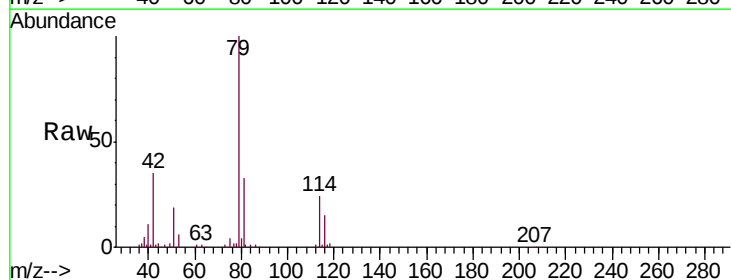
Acq: 13 Mar 2019 22:28

Tgt Ion: 75 Resp: 4482

Ion Ratio Lower Upper

75 100

77 57.4 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030033.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU030033.D (-1899) (-)

7.22

2500

2000

1500

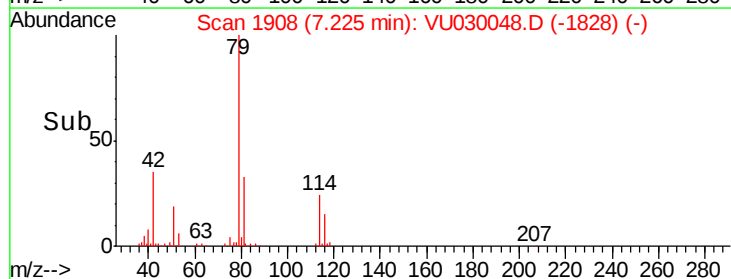
1000

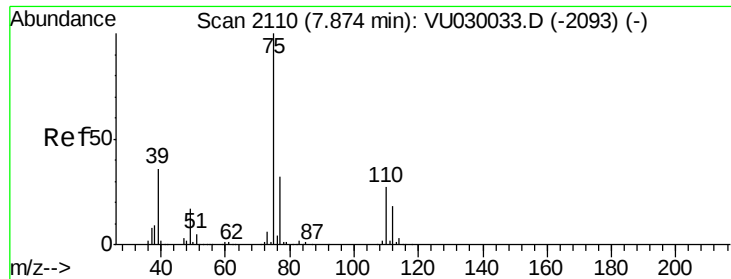
500

0

7.20 7.25

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.594 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030048.D

Acq: 13 Mar 2019 22:28

Instrument :

MSVOA_U

ClientSampleId :

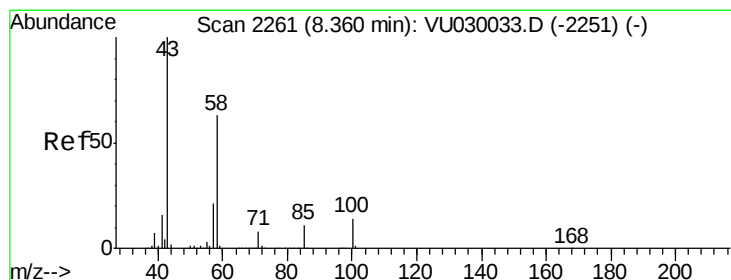
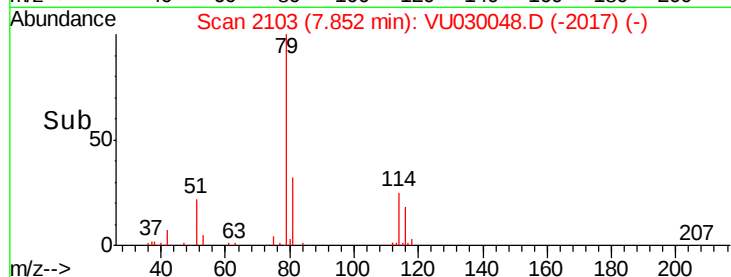
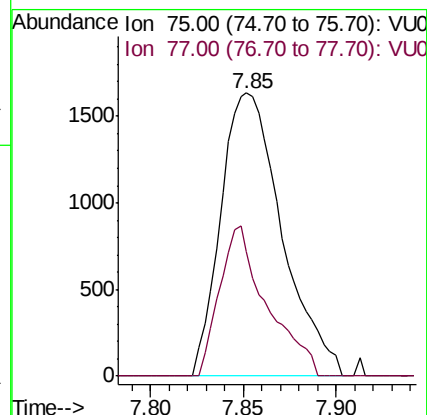
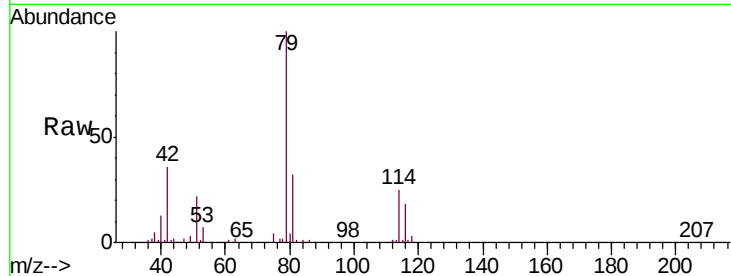
BF191

Tgt Ion: 75 Resp: 3751

Ion Ratio Lower Upper

75 100

77 44.2 21.9 40.7#



#48

2-Hexanone

Concen: 4.848 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.04 min

Lab File: VU030048.D

Acq: 13 Mar 2019 22:28

Tgt Ion: 43 Resp: 24818

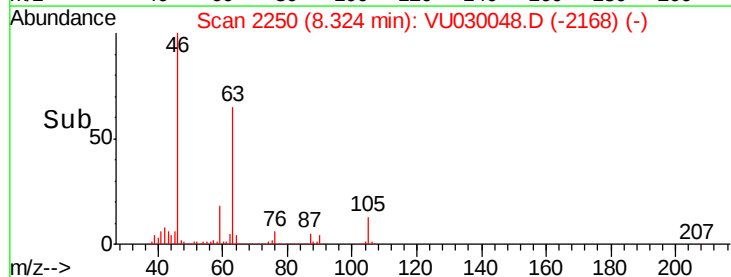
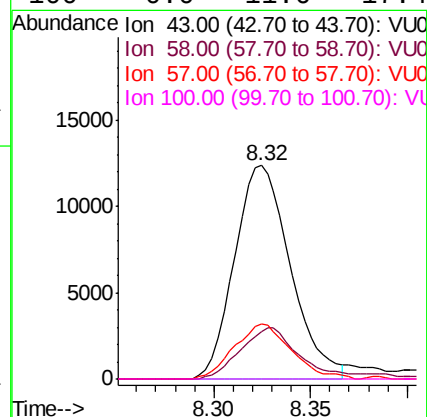
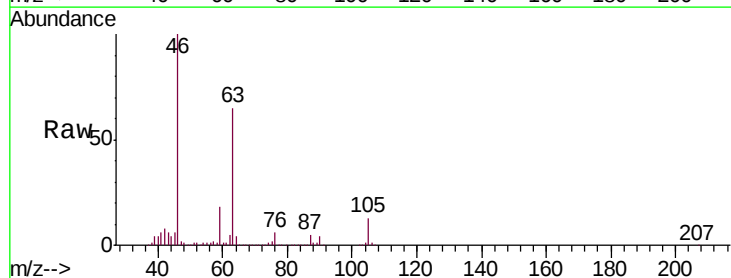
Ion Ratio Lower Upper

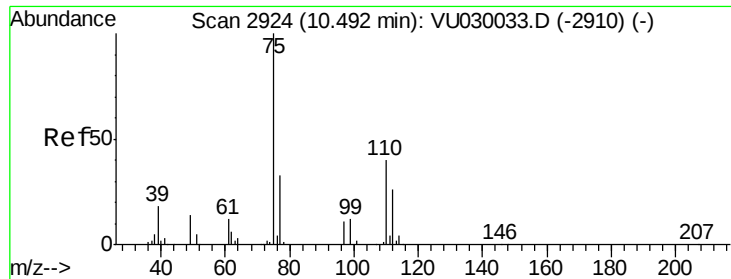
43 100

58 25.0 48.6 72.8#

57 26.3 16.1 24.1#

100 0.0 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 5.586 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030048.D

Acq: 13 Mar 2019 22:28

Instrument :

MSVOA_U

ClientSampleId :

BF191

Tgt Ion: 75 Resp: 32333

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.8

