

Data File : VU031891.D
Acq On : 10 May 2019 16:14
Operator : JC/SP
Sample : K2740-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHG8

Quant Time: May 11 01:02:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1005453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1035655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	396325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	370388	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.04%
7) Chloroethane-d5	1.67	69	318361	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.92%
11) 1,1-Dichloroethene-d2	2.27	63	523212	31.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.44%
21) 2-Butanone-d5	4.17	46	668517	87.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	4.64	84	680850	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.31	65	463770	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.34	84	1419037	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.32	67	480883	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.56	98	1201152	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.85	79	196053	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.64%
47) 2-Hexanone-d5	8.31	63	461371	95.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	685591	45.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	403300	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%

Target Compounds

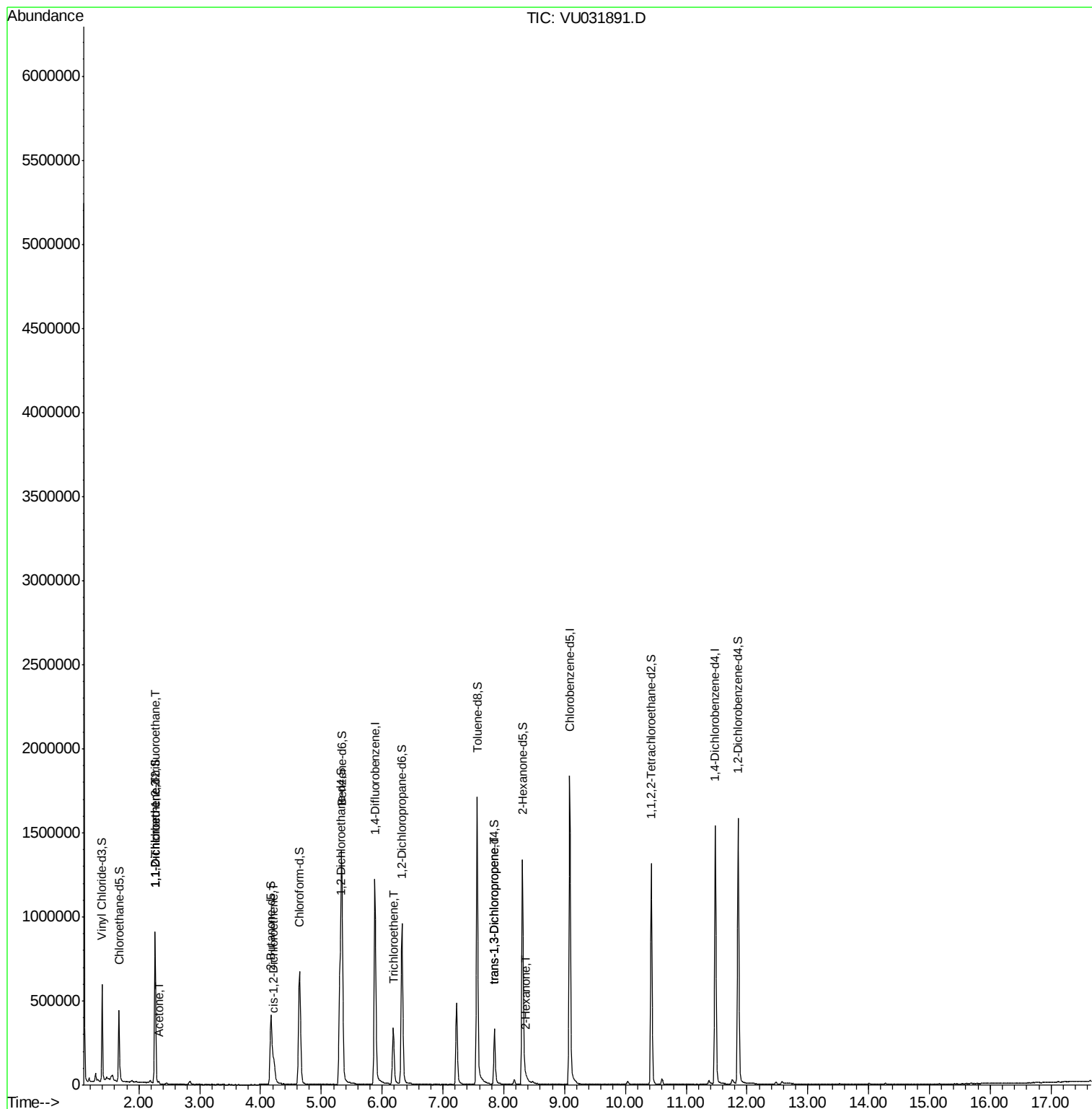
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4717	0.585	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4540	0.579	ug/L #	1
13) Acetone	2.31	43	7840	0.913	ug/L	81
20) cis-1,2-Dichloroethene	4.22	96	55441	6.323	ug/L	99
34) Trichloroethene	6.18	95	125136	13.558	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	8029	0.620	ug/L	91
48) 2-Hexanone	8.38	43	18640	1.386	ug/L #	45

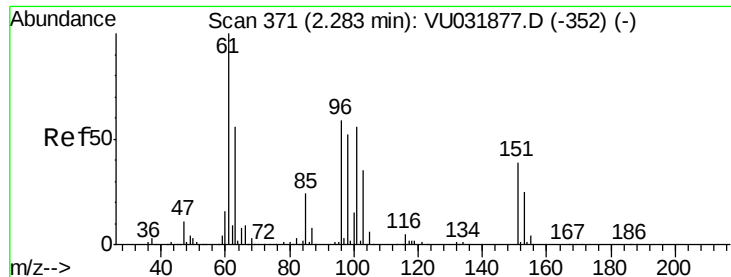
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration





#10

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

Concen: 0.585 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Acq: 10 May 2019 16:14

Instrument :

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ClientSampleId :

BFHG8

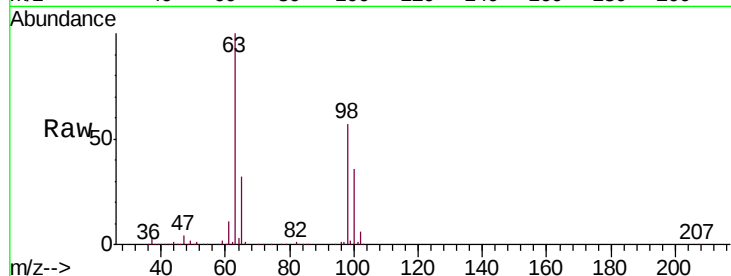
Tgt Ion: 101 Resp: 4717

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

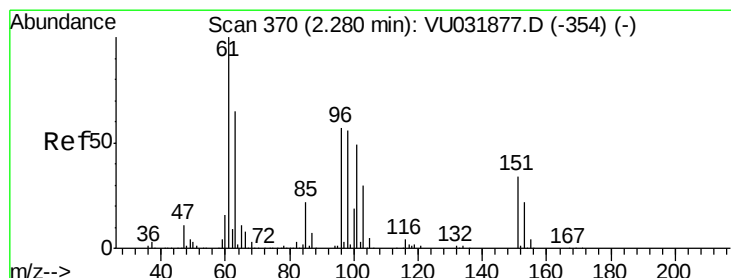
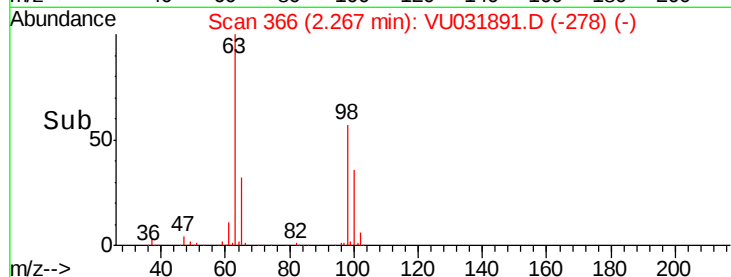
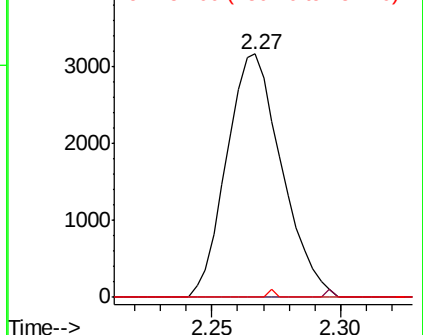
151 1.9 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.579 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031891.D

Acq: 10 May 2019 16:14

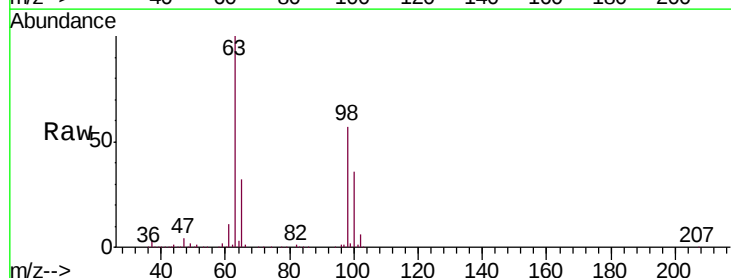
Tgt Ion: 96 Resp: 4540

Ion Ratio Lower Upper

96 100

61 1427.6 135.0 250.6#

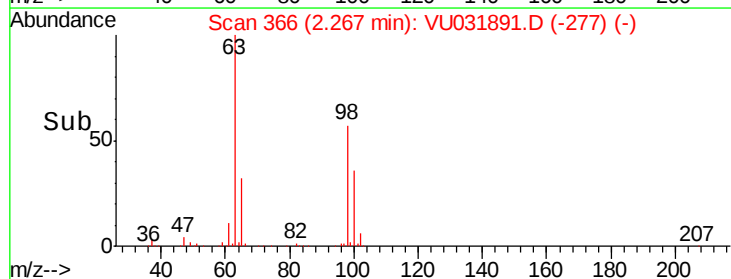
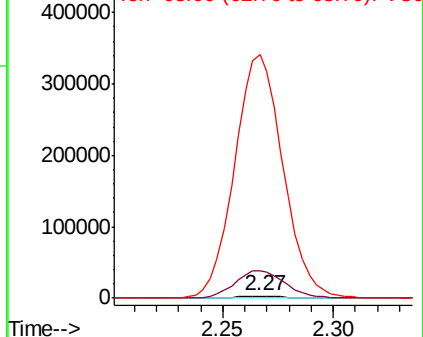
63 12566.6 103.5 192.3#

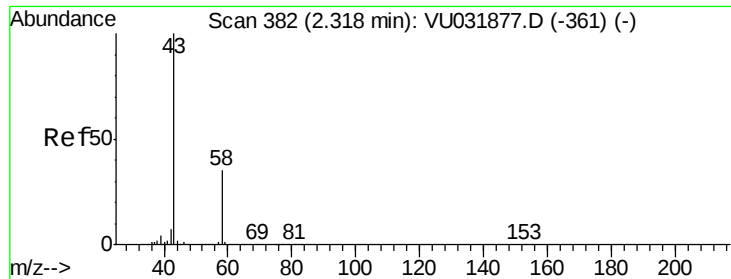


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.913 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

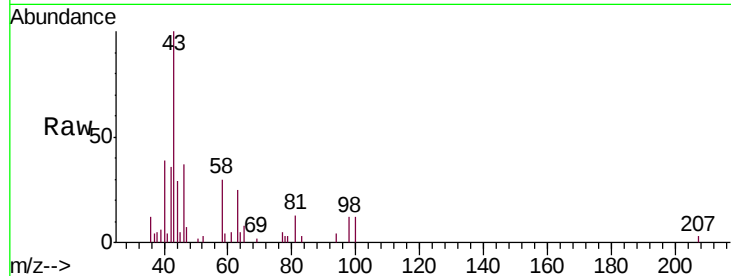
BFHG8

Tgt Ion: 43 Resp: 7840

Ion Ratio Lower Upper

43 100

58 42.8 0.0 64.4

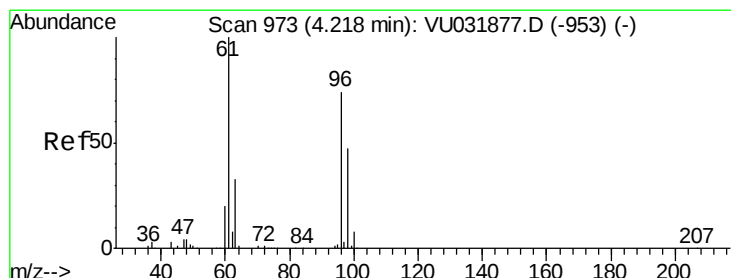
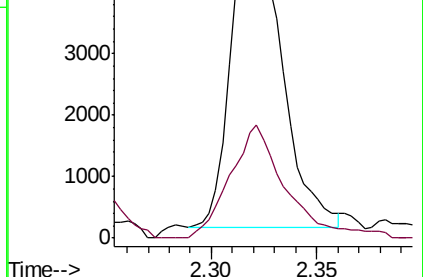
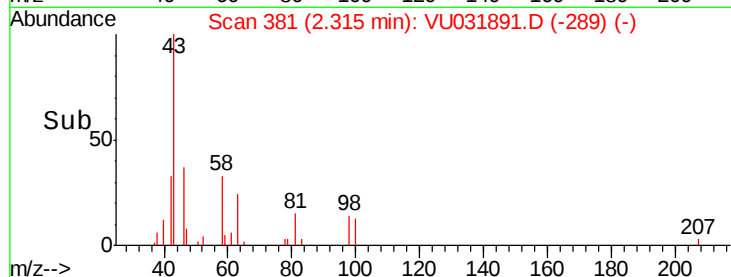


Abundance Ion 43.00 (42.70 to 43.70): VU031877.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031877.D (-361) (-)

2.31

Time-->



#20

cis-1,2-Dichloroethene

Concen: 6.323 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031891.D

Acq: 10 May 2019 16:14

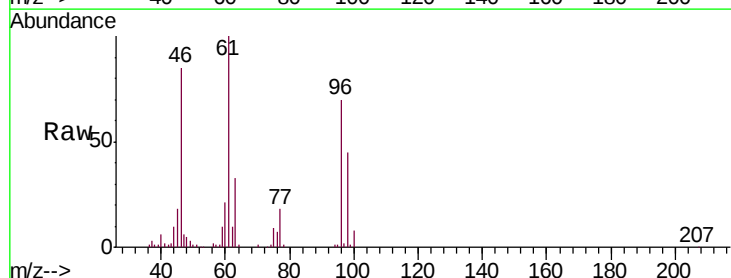
Tgt Ion: 96 Resp: 55441

Ion Ratio Lower Upper

96 100

61 143.0 99.5 184.7

68 0.0 0.0 0.0



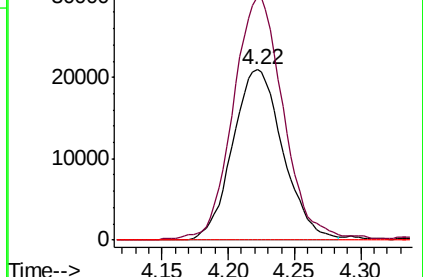
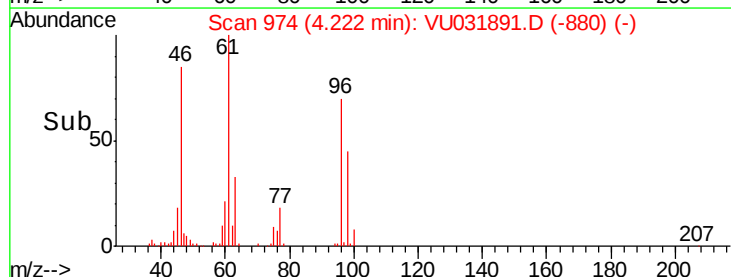
Abundance Ion 96.00 (95.70 to 96.70): VU031877.D (-953) (-)

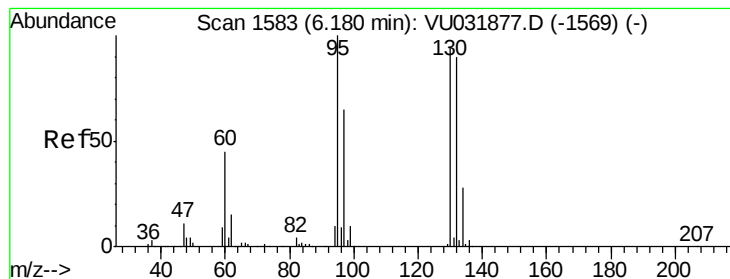
Ion 61.00 (60.70 to 61.70): VU031877.D (-953) (-)

Ion 68.00 (67.70 to 68.70): VU031877.D (-953) (-)

4.22

Time-->





#34

Trichloroethene

Concen: 13.558 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031891.D

Acq: 10 May 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 95 Resp: 125136

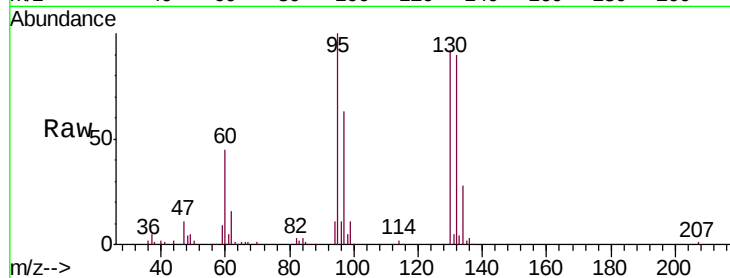
Ion Ratio Lower Upper

95 100

97 63.5 44.8 83.2

132 89.7 63.1 117.1

130 92.1 66.5 123.5

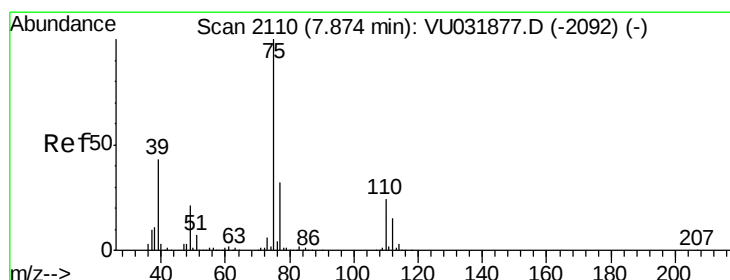
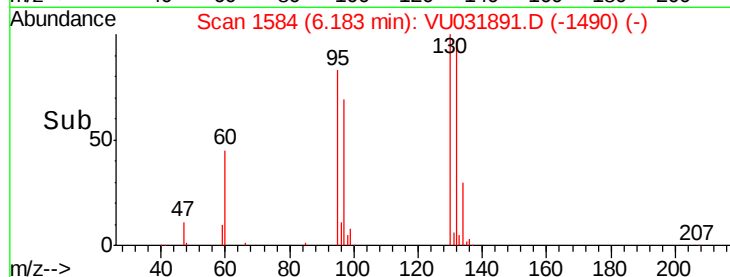
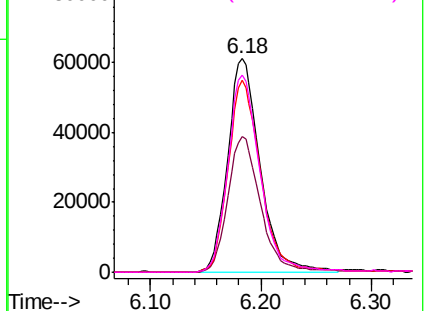


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031891.D

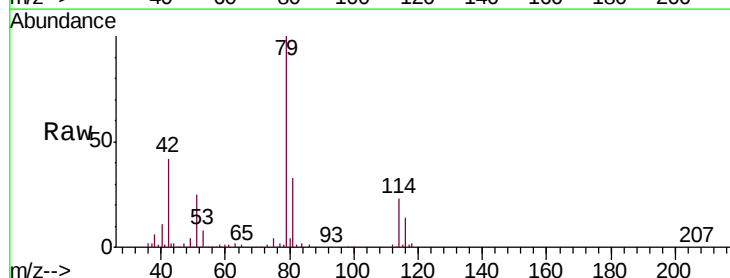
Acq: 10 May 2019 16:14

Tgt Ion: 75 Resp: 8029

Ion Ratio Lower Upper

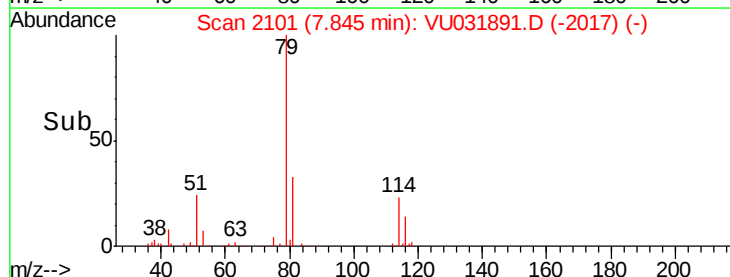
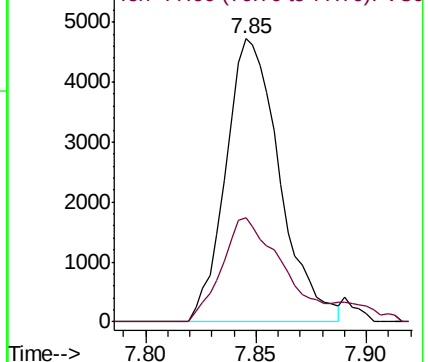
75 100

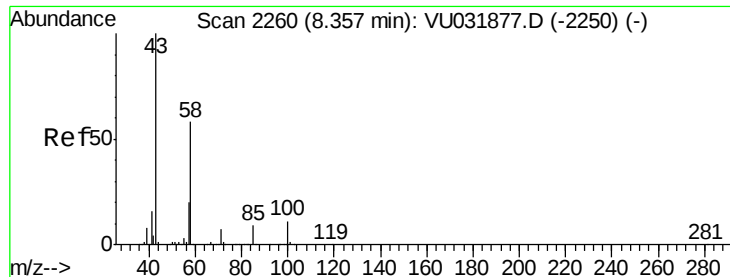
77 36.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#48

2-Hexanone

Concen: 1.386 ug/L

RT: 8.38 min Scan# 2266

Delta R.T. 0.02 min

Lab File: VU031891.D

Acq: 10 May 2019 16:14

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 43 Resp: 18640

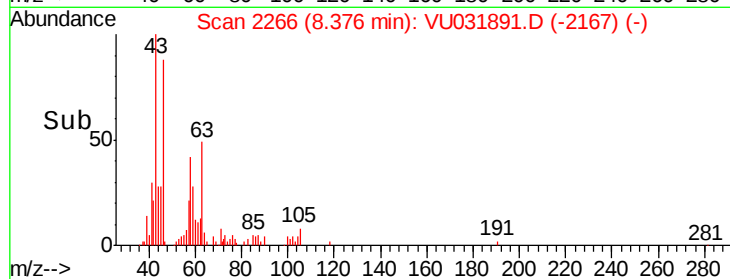
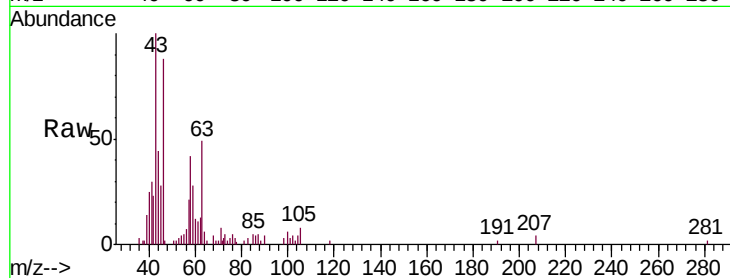
Ion Ratio Lower Upper

43 100

58 0.0 42.1 63.1#

57 10.8 14.6 22.0#

100 2.1 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

