

Data File : VU033530.D
Acq On : 31 Jul 2019 17:14
Operator : JC/SP
Sample : VIBLK42
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK42

Quant Time: Aug 01 07:26:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 07:20:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	300640	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	301082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140102	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	92273	42.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.42%
7) Chloroethane-d5	1.67	69	82138	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.26	63	126267	31.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.66%
21) 2-Butanone-d5	4.15	46	146291	101.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.05%
24) Chloroform-d	4.62	84	168659	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.28	65	114915	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
32) Benzene-d6	5.32	84	343474	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
36) 1,2-Dichloropropane-d6	6.31	67	112689	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.32%
41) Toluene-d8	7.55	98	302959	43.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.64%
43) trans-1,3-Dichloropropene-	7.83	79	51353	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.50%
47) 2-Hexanone-d5	8.30	63	104130	93.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167694	46.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	123201	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

Target Compounds

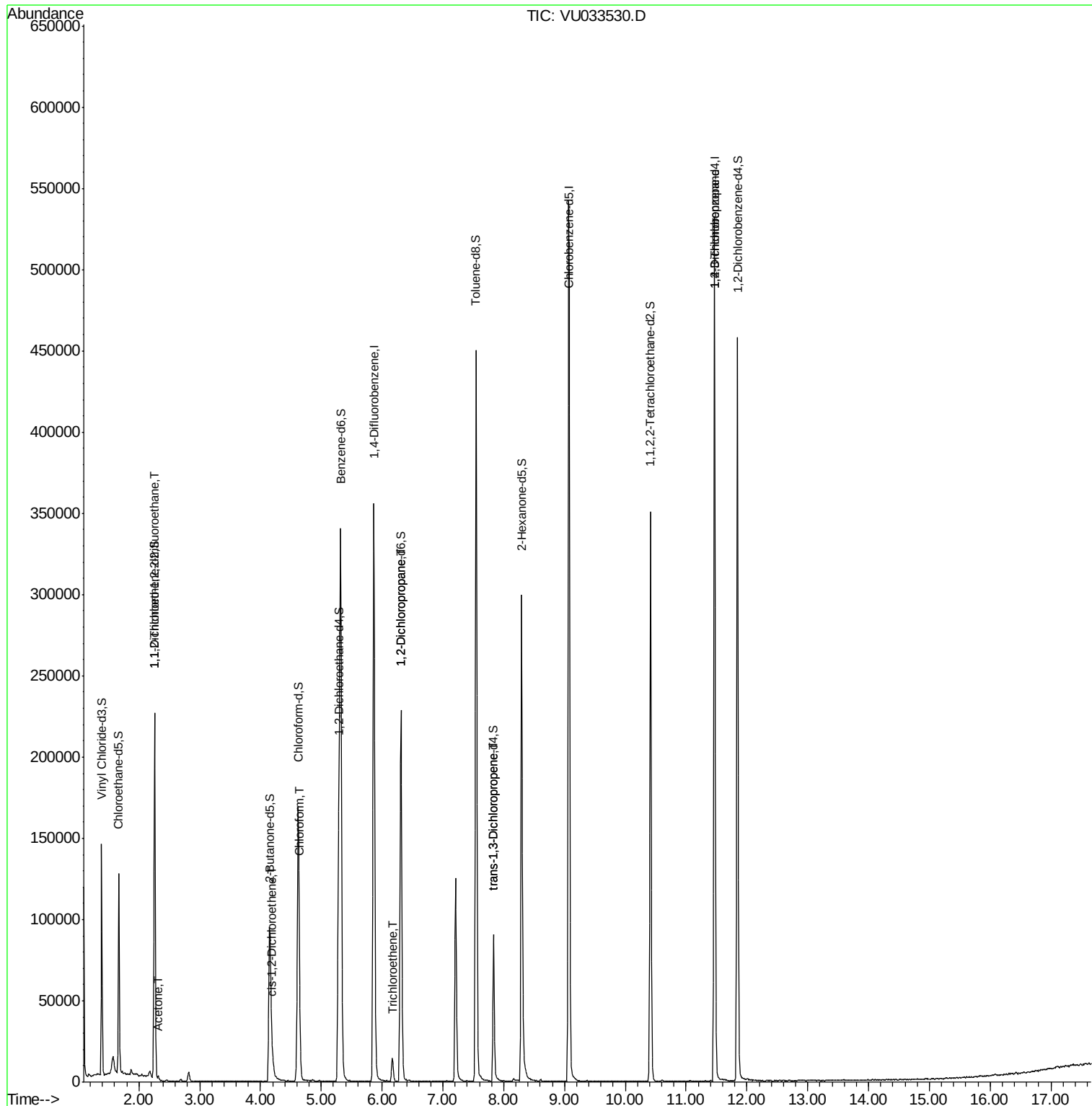
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1220	0.601 ug/L #	19
13) Acetone	2.32	43	863	0.583 ug/L	55
20) cis-1,2-Dichloroethene	4.20	96	1942	0.848 ug/L	91
25) Chloroform	4.65	83	7090	1.760 ug/L	97
34) Trichloroethene	6.17	95	5014	2.188 ug/L	94
37) 1,2-Dichloropropane	6.31	63	12431	5.347 ug/L #	89
44) trans-1,3-Dichloropropene	7.83	75	2176	0.664 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	16450	5.360 ug/L	91

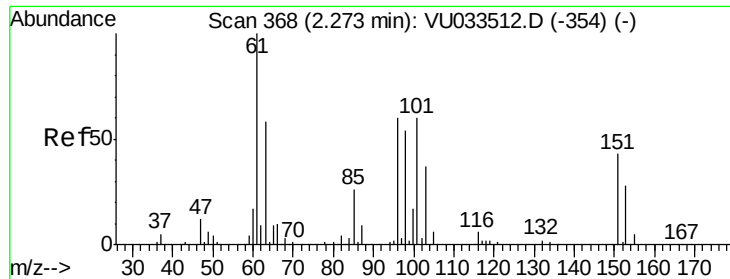
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.601 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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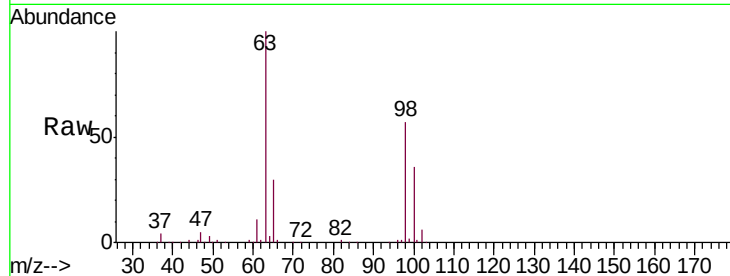
Tgt Ion:101 Resp: 1220

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

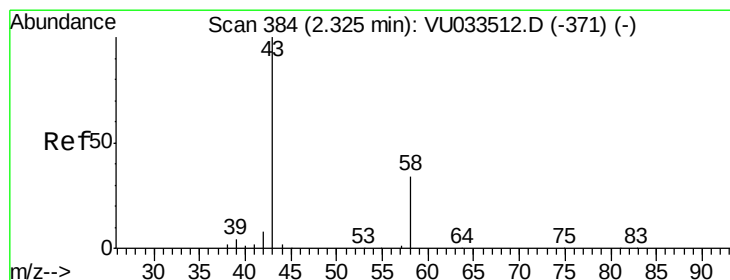
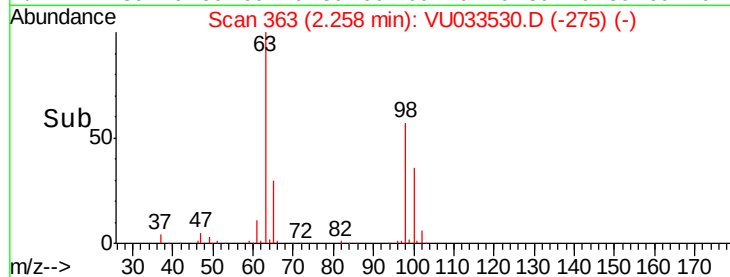
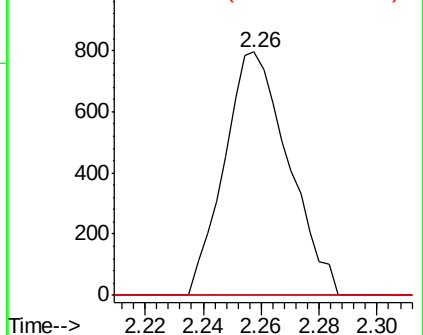
151 0.0 60.1 90.1#



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



#13

Acetone

Concen: 0.583 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.01 min

Lab File: VU033530.D

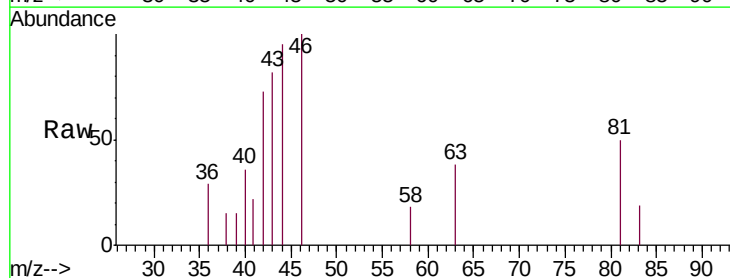
Acq: 31 Jul 2019 17:14

Tgt Ion: 43 Resp: 863

Ion Ratio Lower Upper

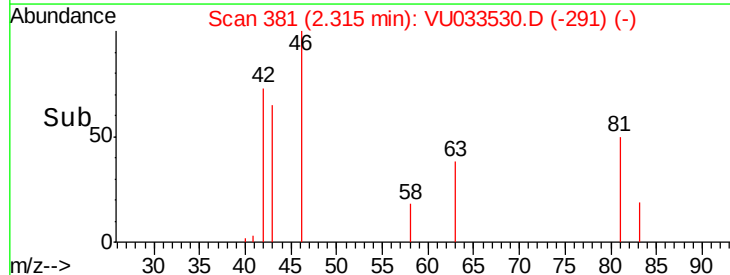
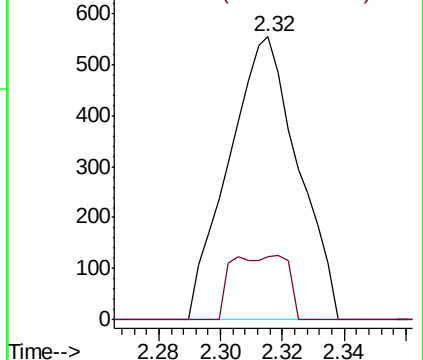
43 100

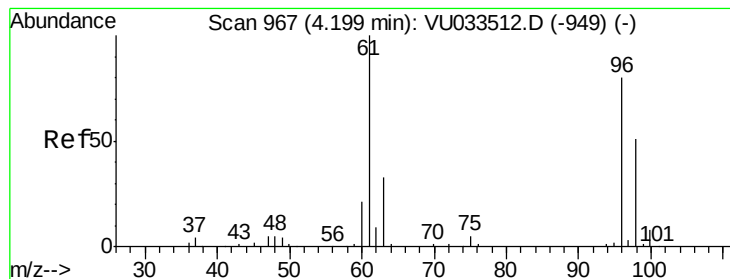
58 7.9 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 0.848 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033530.D

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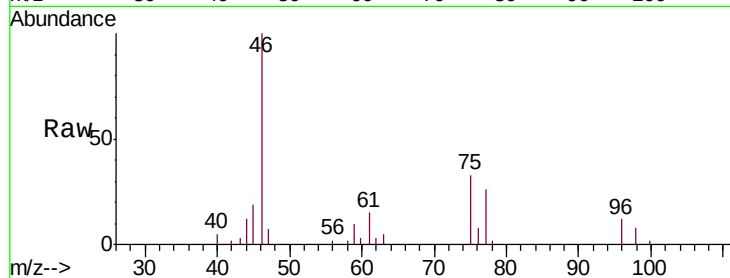
Tgt Ion: 96 Resp: 1942

Ion Ratio Lower Upper

96 100

61 120.0 91.3 169.6

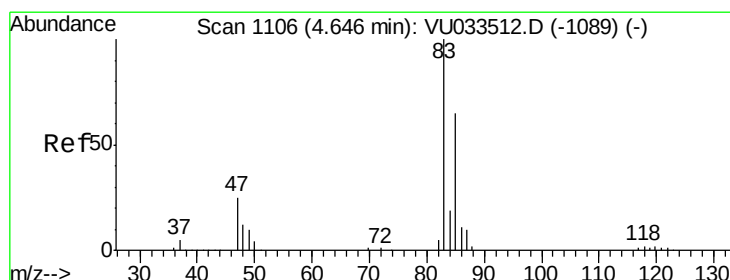
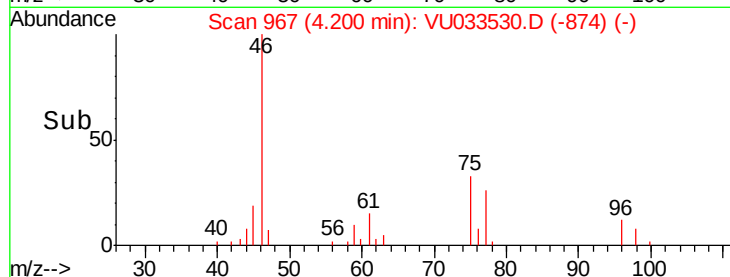
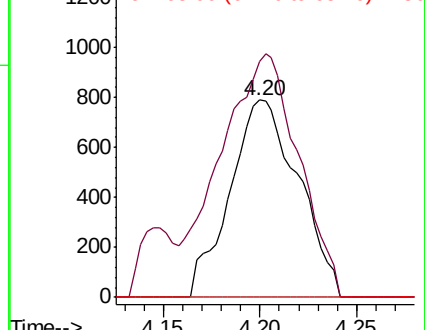
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033530.D (-874) (-)

Ion 61.00 (60.70 to 61.70): VU033530.D (-874) (-)

Ion 68.00 (67.70 to 68.70): VU033530.D (-874) (-)



#25

Chloroform

Concen: 1.760 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033530.D

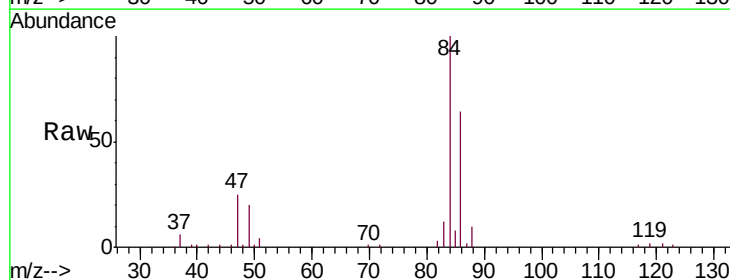
Acq: 31 Jul 2019 17:14

Tgt Ion: 83 Resp: 7090

Ion Ratio Lower Upper

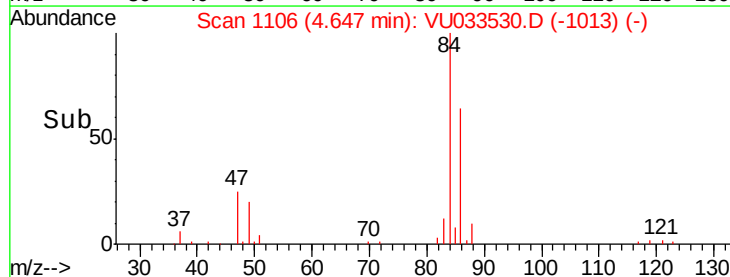
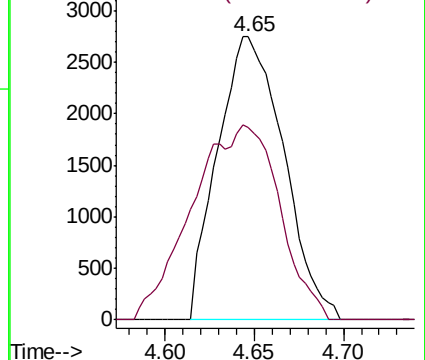
83 100

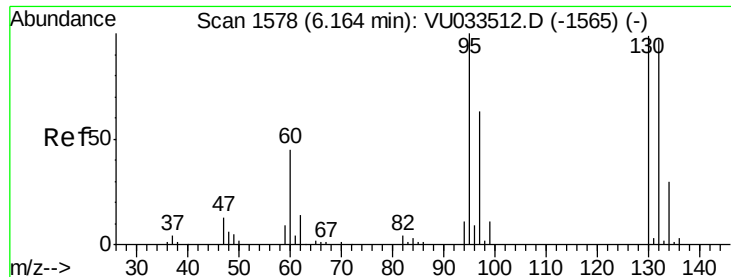
85 67.9 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VU033530.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VU033530.D (-1013) (-)





#34

Trichloroethene

Concen: 2.188 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU033530.D

Acq: 31 Jul 2019 17:14

Instrument :

MSVOA_U

ClientSampleId :

VIBLK42

Tgt Ion: 95 Resp: 5014

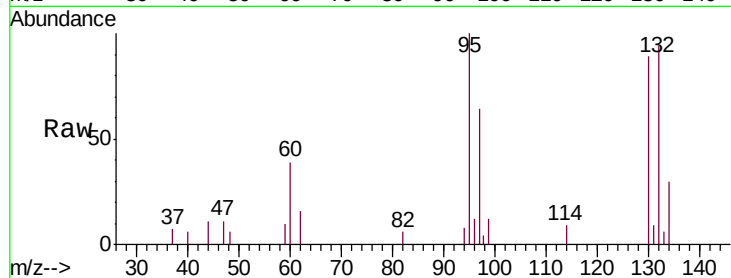
Ion Ratio Lower Upper

95 100

97 63.8 44.7 83.1

132 93.8 66.8 124.0

130 88.9 71.6 133.0



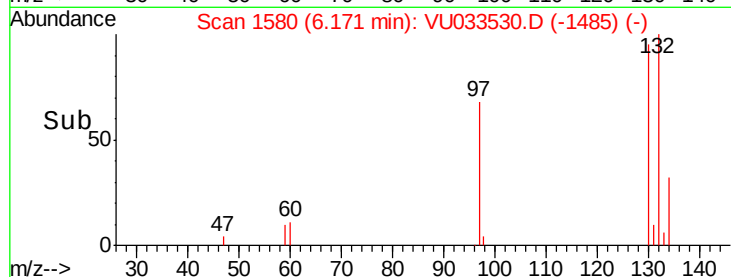
Abundance Ion 95.00 (94.70 to 95.70): VU033530.D (-1580) (-)

Ion 97.00 (96.70 to 97.70): VU033530.D (-1580) (-)

Ion 132.00 (131.70 to 132.70): VU033530.D (-1580) (-)

Ion 130.00 (129.70 to 130.70): VU033530.D (-1580) (-)

Time-->



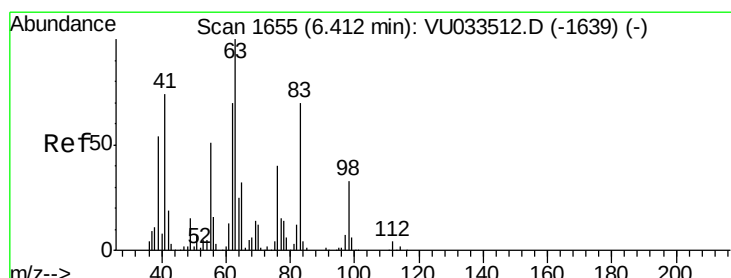
Abundance Ion 95.00 (94.70 to 95.70): VU033530.D (-1580) (-)

Ion 97.00 (96.70 to 97.70): VU033530.D (-1580) (-)

Ion 132.00 (131.70 to 132.70): VU033530.D (-1580) (-)

Ion 130.00 (129.70 to 130.70): VU033530.D (-1580) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 5.347 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU033530.D

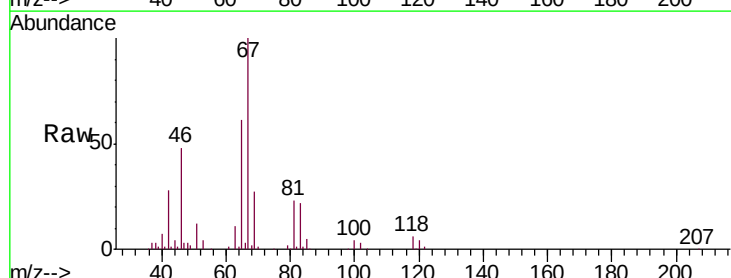
Acq: 31 Jul 2019 17:14

Tgt Ion: 63 Resp: 12431

Ion Ratio Lower Upper

63 100

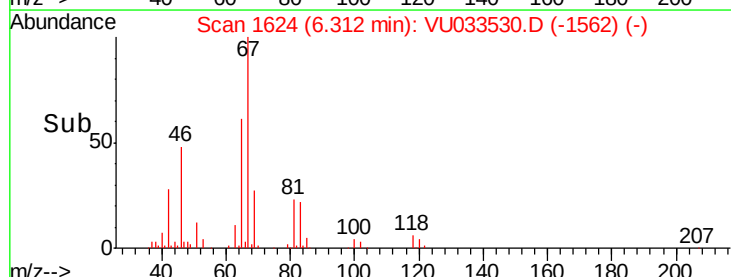
112 0.3 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU033530.D (-1624) (-)

Ion 112.00 (111.70 to 112.70): VU033530.D (-1624) (-)

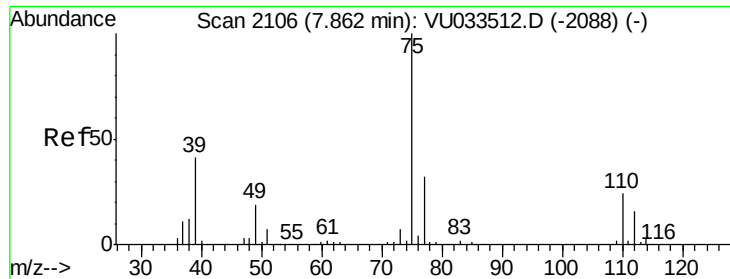
Time-->



Abundance Ion 63.00 (62.70 to 63.70): VU033530.D (-1624) (-)

Ion 112.00 (111.70 to 112.70): VU033530.D (-1624) (-)

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.664 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033530.D

Acq: 31 Jul 2019 17:14

Instrument :

MSVOA_U

ClientSampleId :

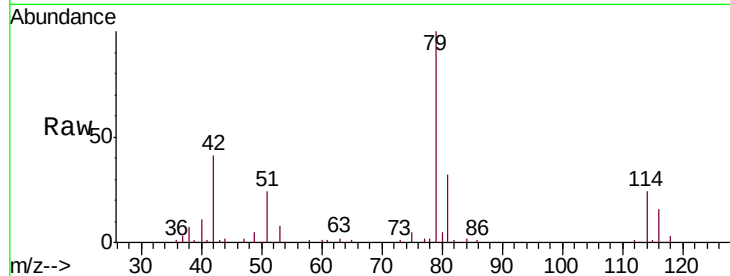
VIBLK42

Tgt Ion: 75 Resp: 2176

Ion Ratio Lower Upper

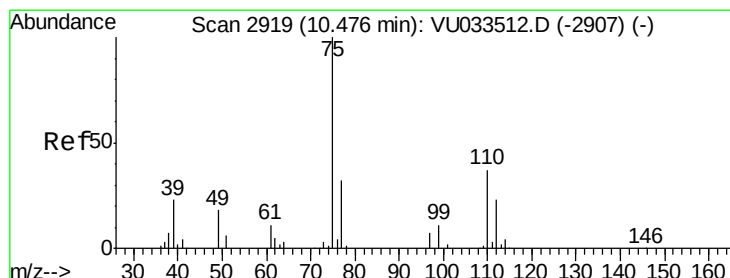
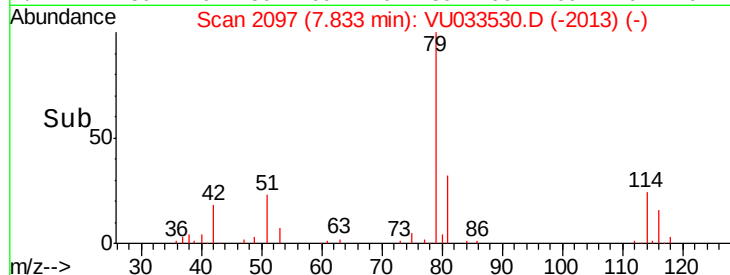
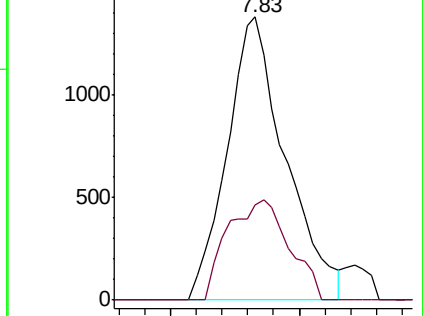
75 100

77 33.7 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.360 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033530.D

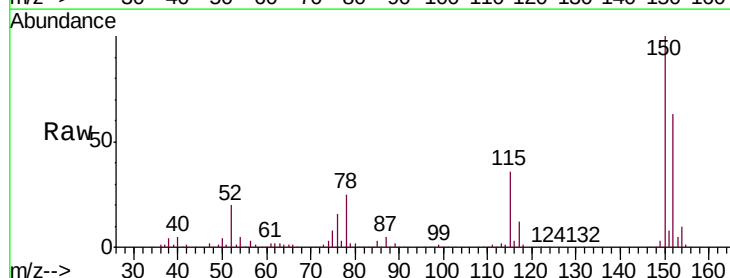
Acq: 31 Jul 2019 17:14

Tgt Ion: 75 Resp: 16450

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

