

Data File : VU033519.D
Acq On : 31 Jul 2019 12:39
Operator : JC/SP
Sample : K4103-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9D6

Quant Time: Aug 01 07:24:38 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	5.86	114	305283	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	295591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110689	49.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.74%
7) Chloroethane-d5	1.67	69	96130	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.96%
11) 1,1-Dichloroethene-d2	2.26	63	151998	37.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.46%
21) 2-Butanone-d5	4.15	46	164394	111.82	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.82%
24) Chloroform-d	4.62	84	196293	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	5.28	65	127653	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.36%
32) Benzene-d6	5.32	84	397952	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.62%
36) 1,2-Dichloropropane-d6	6.31	67	128764	56.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.12%
41) Toluene-d8	7.55	98	357622	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%
43) trans-1,3-Dichloropropene-	7.83	79	58861	51.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.32%
47) 2-Hexanone-d5	8.29	63	121676	111.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188502	53.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	140934	55.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.26%

Target Compounds

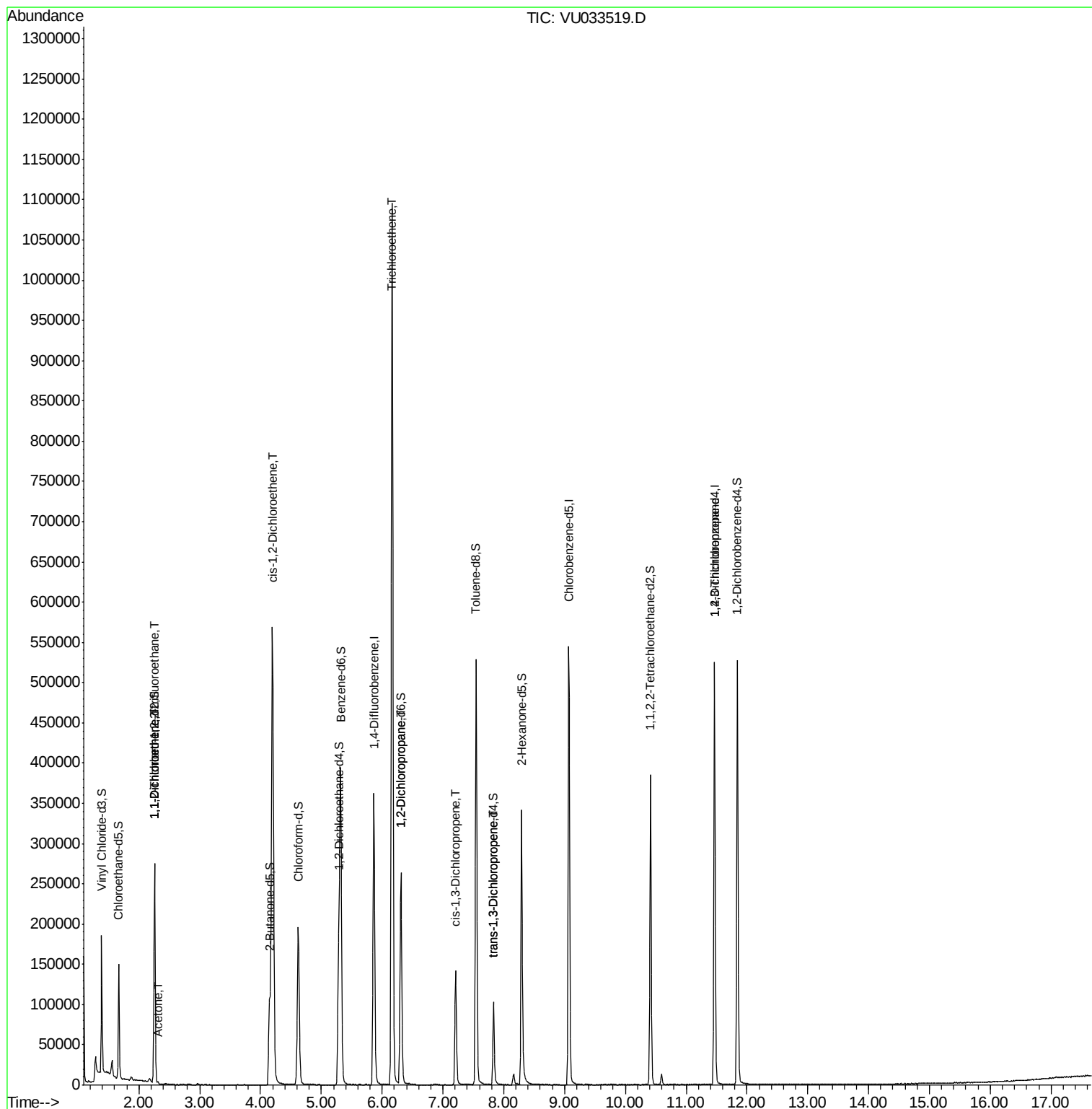
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1475	0.715	ug/L #	22
12) 1,1-Dichloroethene	2.26	96	1907	0.965	ug/L #	1
13) Acetone	2.31	43	1256	0.835	ug/L	58
20) cis-1,2-Dichloroethene	4.20	96	320384	137.809	ug/L	96
34) Trichloroethene	6.16	95	373927	166.235	ug/L	98
37) 1,2-Dichloropropane	6.31	63	14062	6.161	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3648	1.024	ug/L #	77
44) trans-1,3-Dichloropropene	7.83	75	2397	0.745	ug/L #	75
59) 1,2,3-Trichloropropane	11.47	75	16362	5.431	ug/L	91

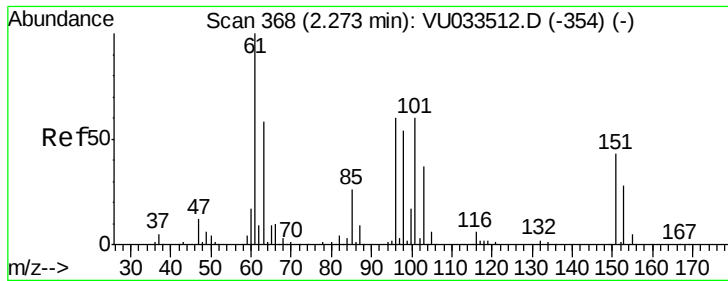
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.715 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033519.D

Acq: 31 Jul 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

DB9D6

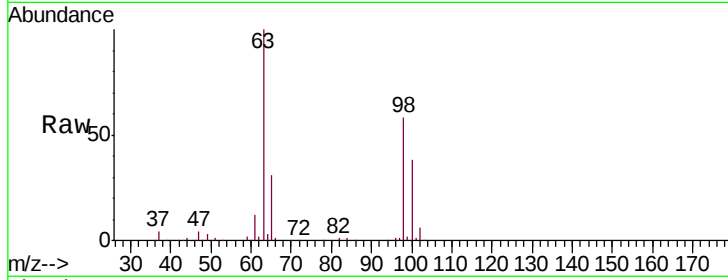
Tgt Ion:101 Resp: 1475

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

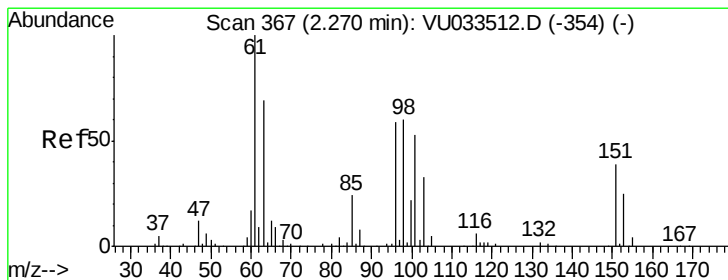
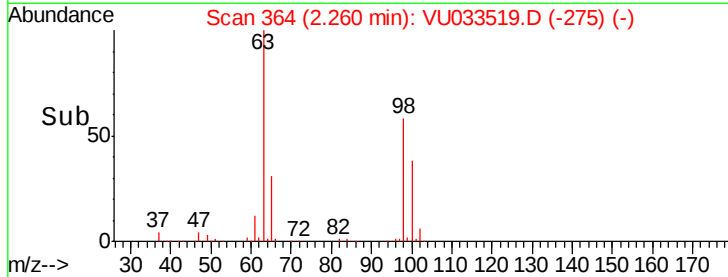
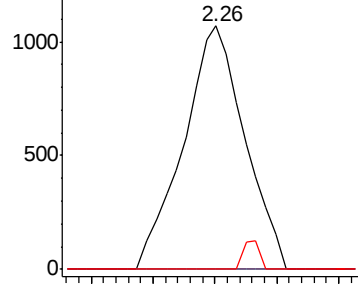
151 3.3 60.1 90.1#



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



#12

1,1-Dichloroethene

Concen: 0.965 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033519.D

Acq: 31 Jul 2019 12:39

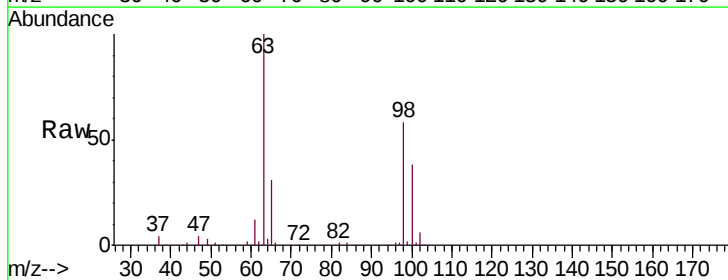
Tgt Ion: 96 Resp: 1907

Ion Ratio Lower Upper

96 100

61 1101.1 119.3 221.5#

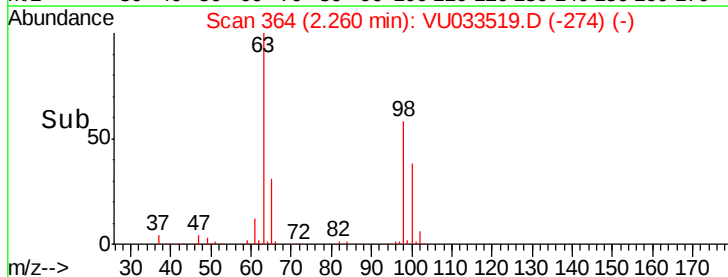
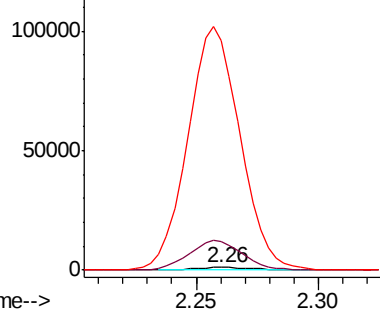
63 9022.4 86.6 160.8#

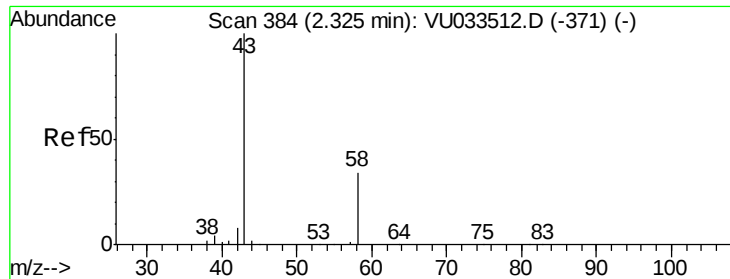


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.835 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033519.D

Acq: 31 Jul 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

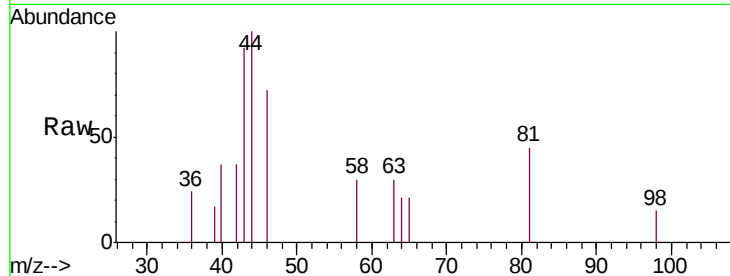
DB9D6

Tgt Ion: 43 Resp: 1256

Ion Ratio Lower Upper

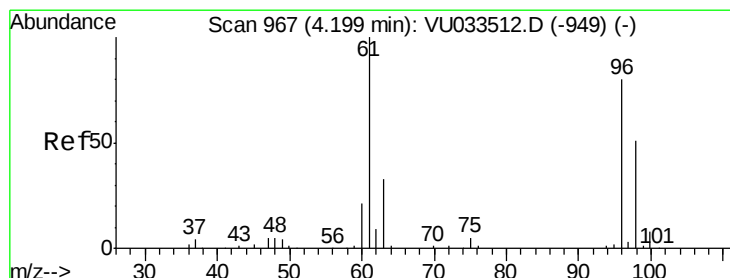
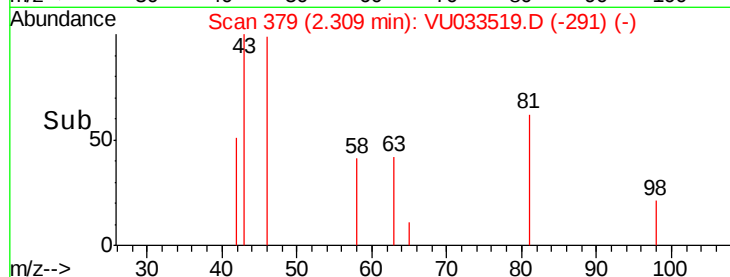
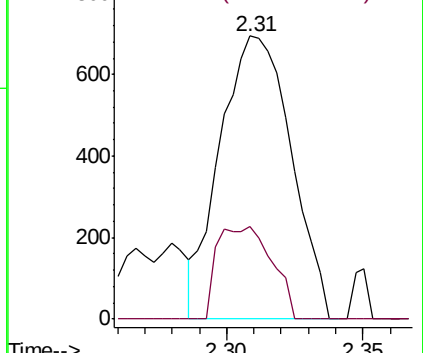
43 100

58 9.4 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: 137.809 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033519.D

Acq: 31 Jul 2019 12:39

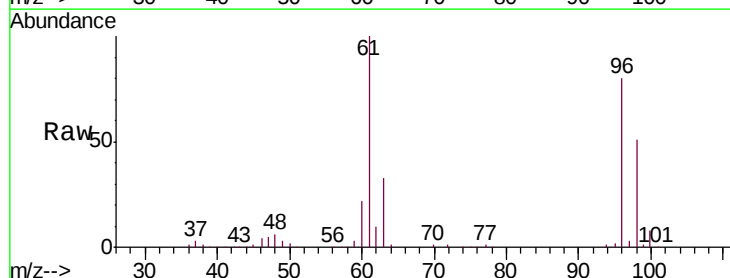
Tgt Ion: 96 Resp: 320384

Ion Ratio Lower Upper

96 100

61 125.6 91.3 169.6

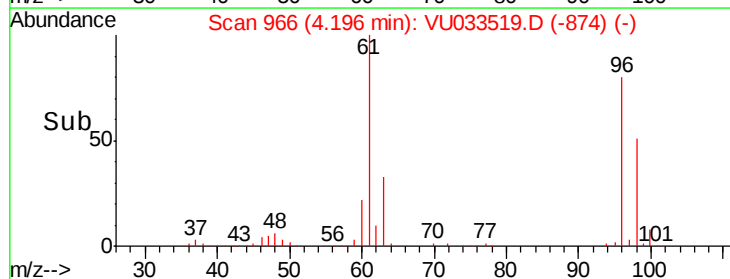
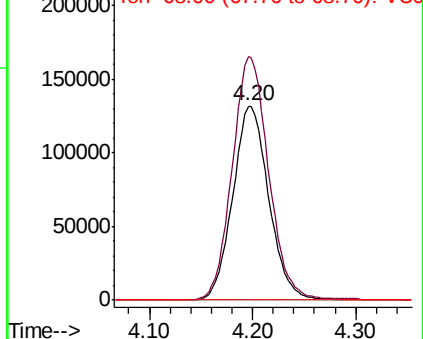
68 0.0 0.0 0.0

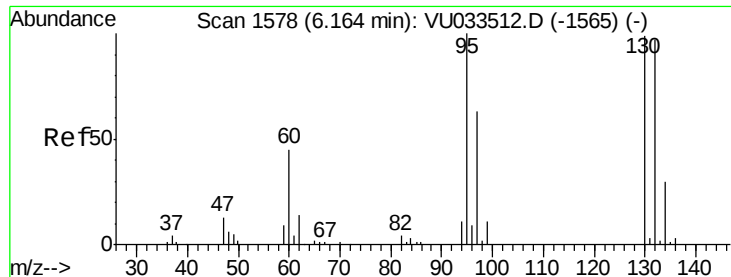


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 166.235 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033519.D

Acq: 31 Jul 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

DB9D6

Tgt Ion: 95 Resp: 373927

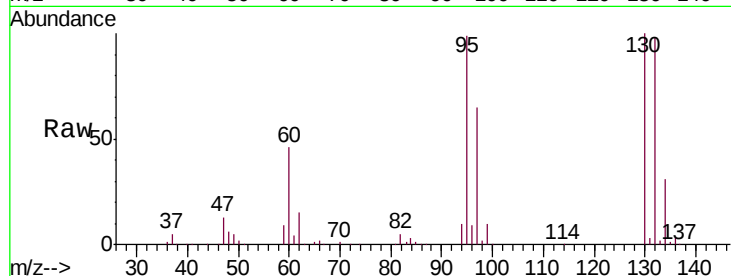
Ion Ratio Lower Upper

95 100

97 65.7 44.7 83.1

132 98.8 66.8 124.0

130 101.0 71.6 133.0

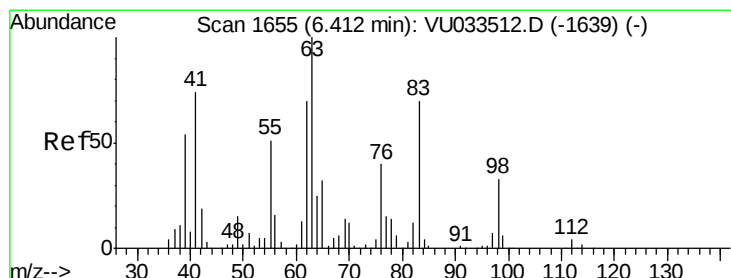
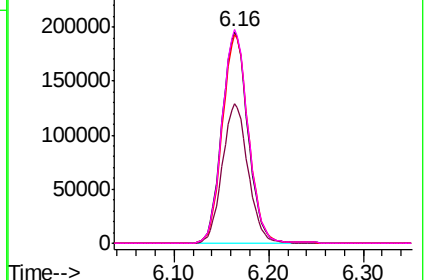
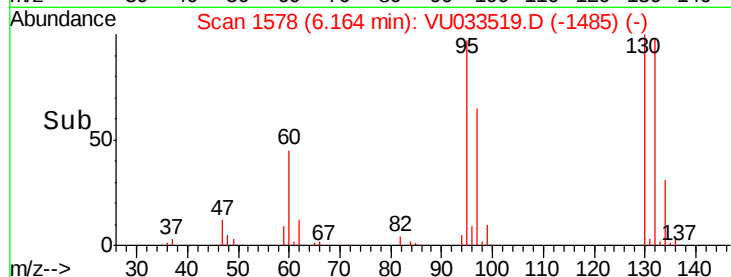


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 6.161 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033519.D

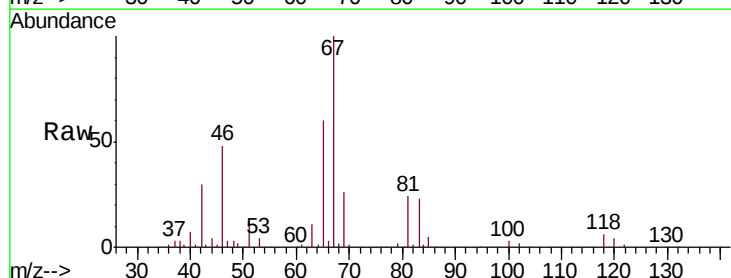
Acq: 31 Jul 2019 12:39

Tgt Ion: 63 Resp: 14062

Ion Ratio Lower Upper

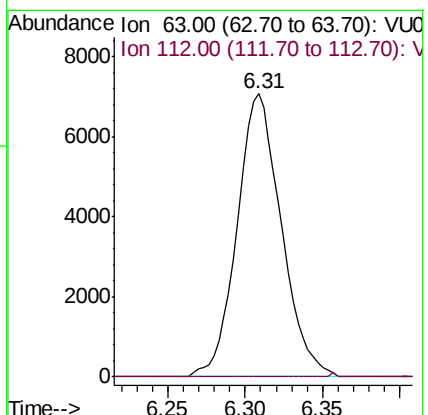
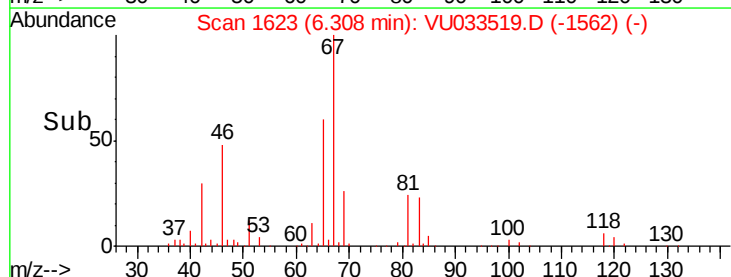
63 100

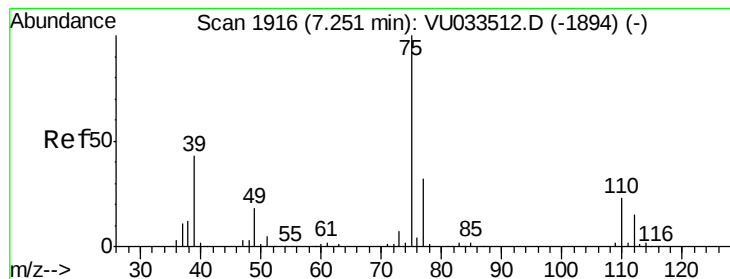
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



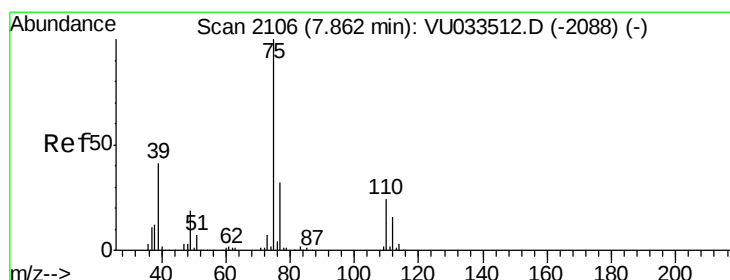
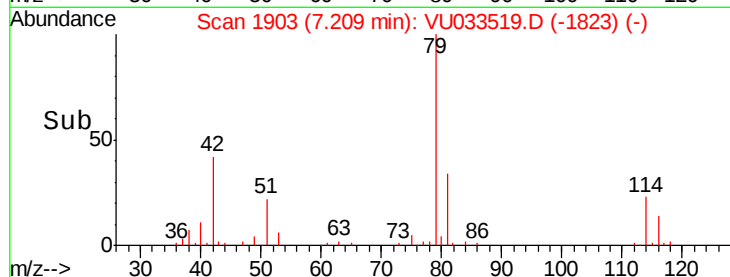
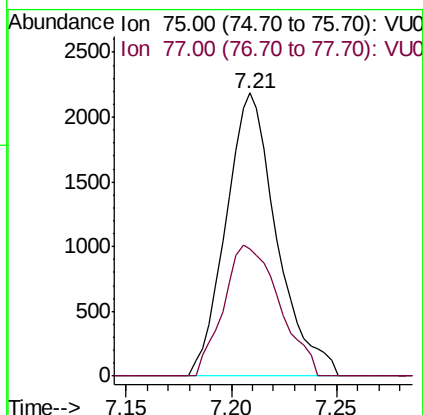
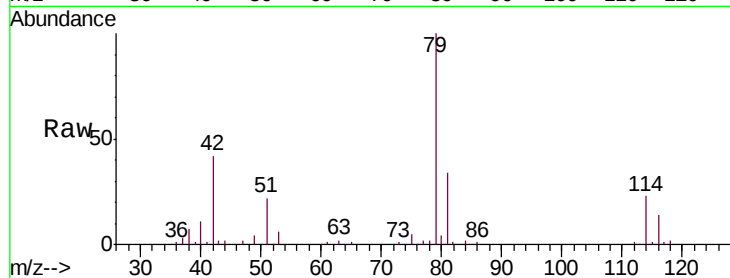


#39

cis-1,3-Dichloropropene
 Concen: 1.024 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033519.D
 Acq: 31 Jul 2019 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9D6

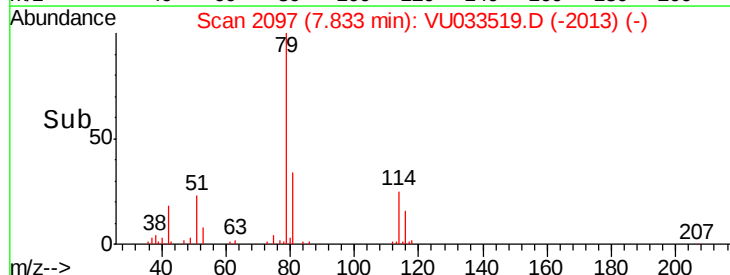
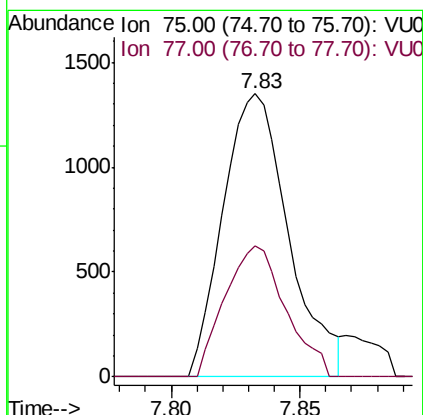
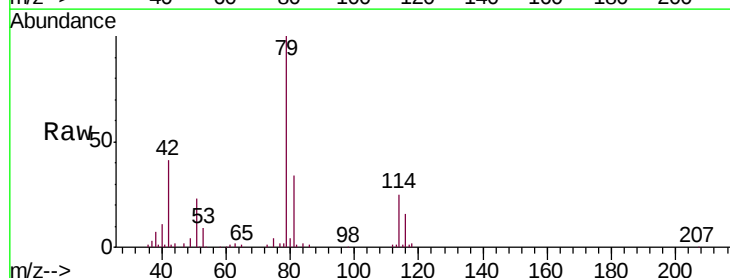
Tgt Ion: 75 Resp: 3648
 Ion Ratio Lower Upper
 75 100
 77 44.9 22.3 41.5#

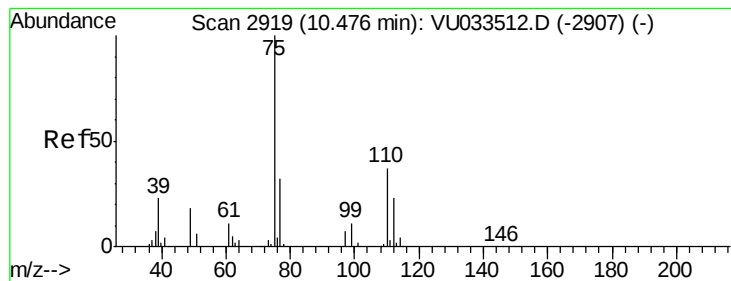


#44

trans-1,3-Dichloropropene
 Concen: 0.745 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033519.D
 Acq: 31 Jul 2019 12:39

Tgt Ion: 75 Resp: 2397
 Ion Ratio Lower Upper
 75 100
 77 46.2 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 5.431 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033519.D

Acq: 31 Jul 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

DB9D6

Tgt Ion: 75 Resp: 16362

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.6

