

Data File : VU033518.D
Acq On : 31 Jul 2019 12:16
Operator : JC/SP
Sample : K4103-03DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9D7DL

Quant Time: Aug 01 07:24:29 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	306626	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	298668	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139041	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109358	49.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.10%
7) Chloroethane-d5	1.66	69	97192	50.81	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.62%
11) 1,1-Dichloroethene-d2	2.25	63	152164	37.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.22%
21) 2-Butanone-d5	4.15	46	163067	110.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.44%
24) Chloroform-d	4.62	84	198127	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
26) 1,2-Dichloroethane-d4	5.28	65	128127	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
32) Benzene-d6	5.32	84	402642	54.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.76%
36) 1,2-Dichloropropane-d6	6.31	67	127676	55.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.02%
41) Toluene-d8	7.55	98	359417	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.83	79	57925	50.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.62%
47) 2-Hexanone-d5	8.30	63	118990	107.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.98%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	186933	52.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.46%
64) 1,2-Dichlorobenzene-d4	11.84	152	140664	55.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.50%

Target Compounds

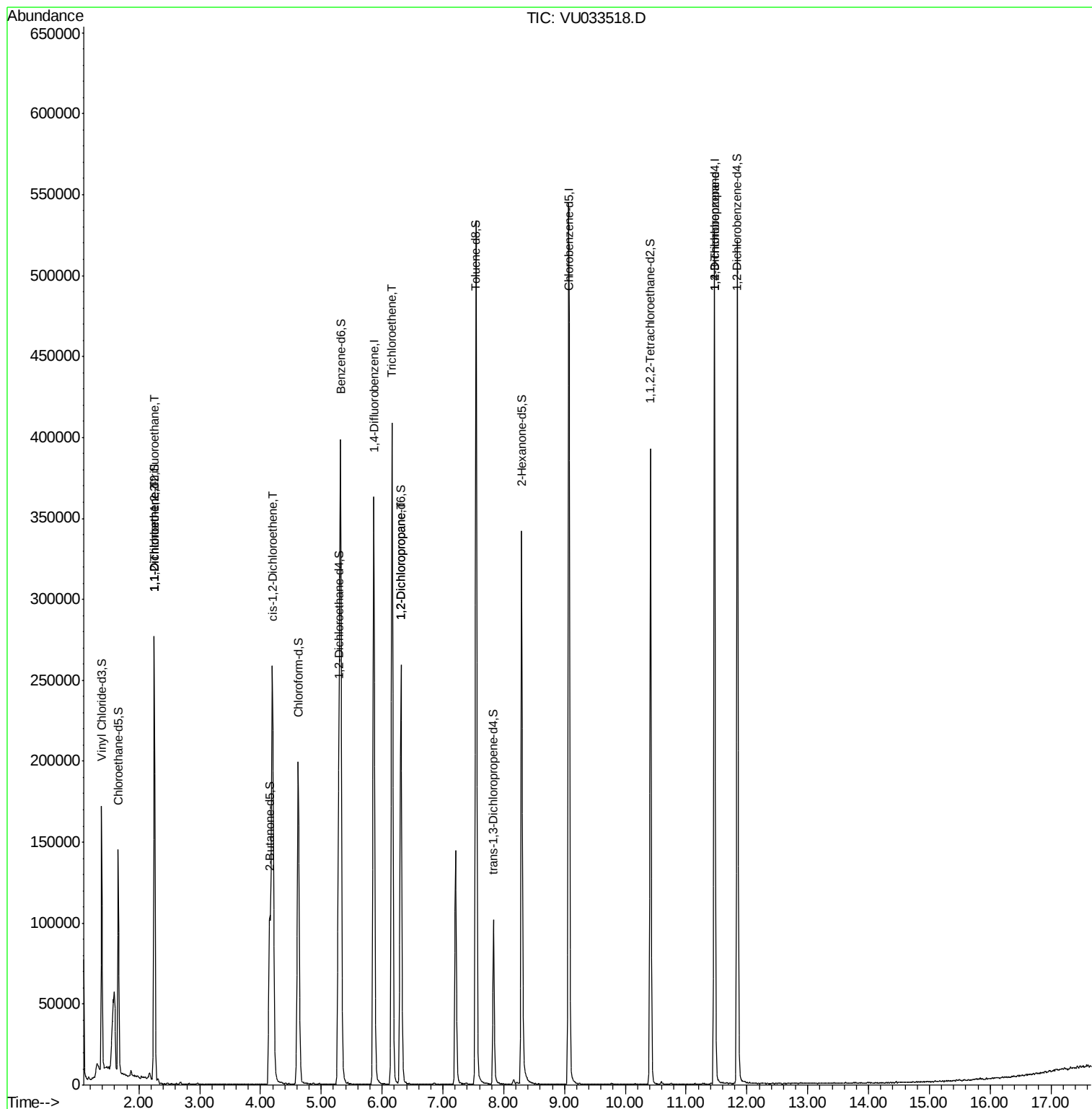
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1568	0.757 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1537	0.774 ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	145661	62.380 ug/L	97
34) Trichloroethene	6.16	95	140551	61.841 ug/L	99
37) 1,2-Dichloropropane	6.31	63	13501	5.854 ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	16437	5.399 ug/L	95

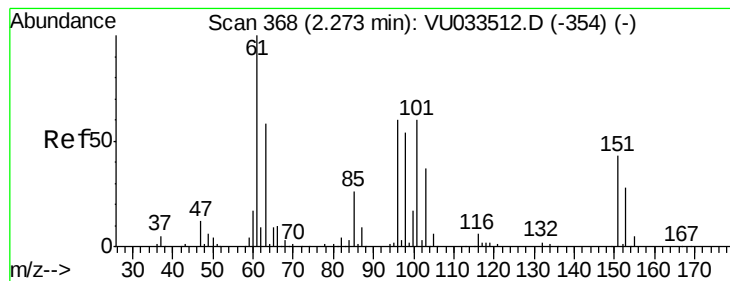
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.757 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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ClientSampleId :

DB9D7DL

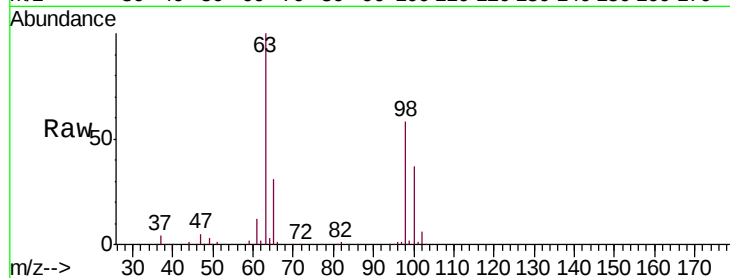
Tgt Ion: 101 Resp: 1568

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

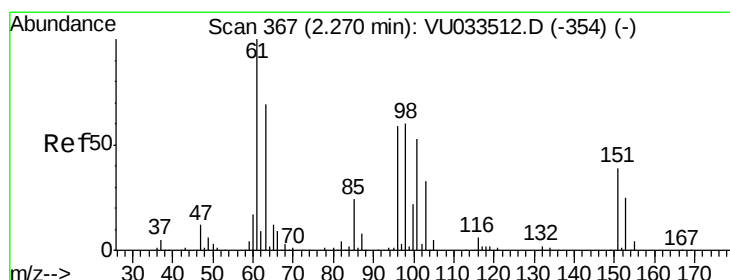
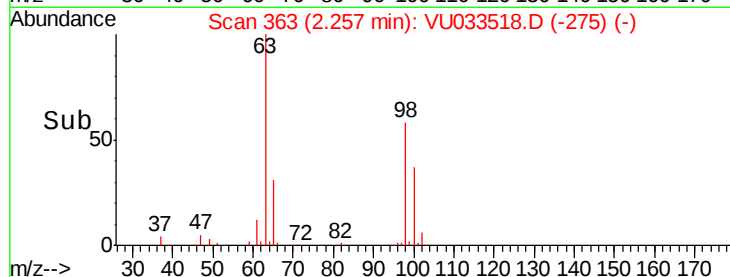
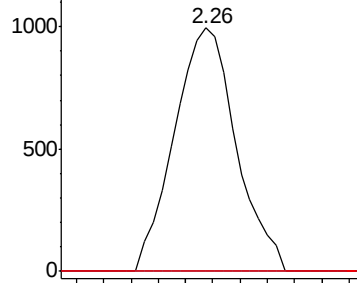
151 0.0 60.1 90.1#



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



#12

1,1-Dichloroethene

Concen: 0.774 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033518.D

Acq: 31 Jul 2019 12:16

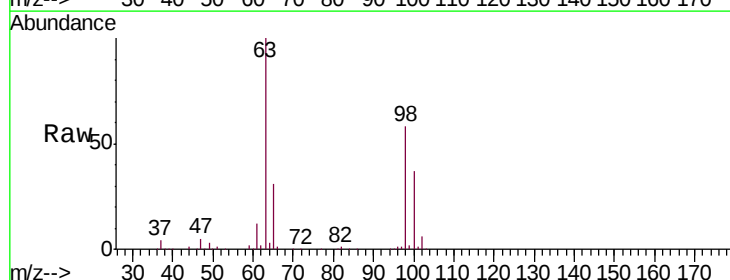
Tgt Ion: 96 Resp: 1537

Ion Ratio Lower Upper

96 100

61 1299.4 119.3 221.5#

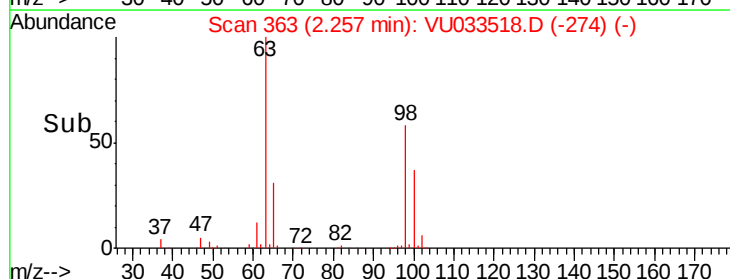
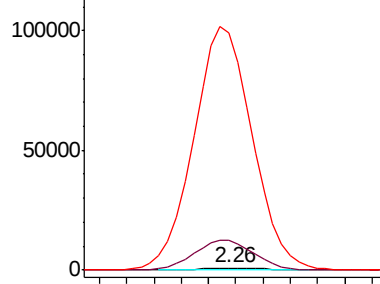
63 10408.4 86.6 160.8#

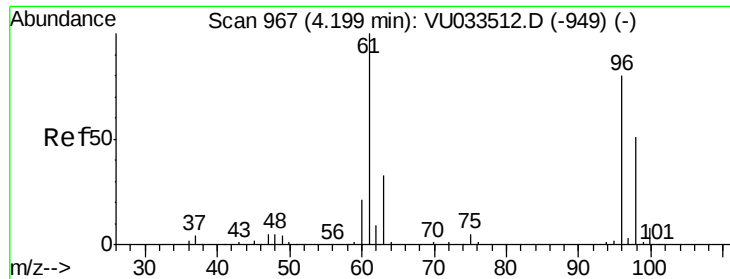


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

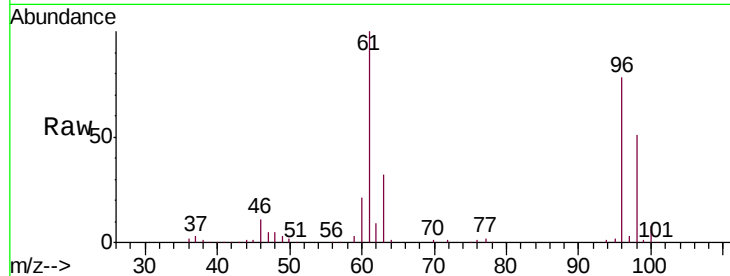




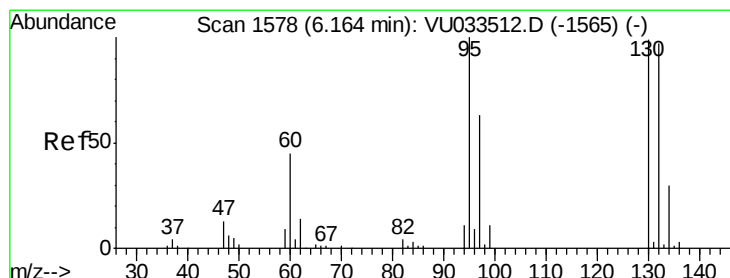
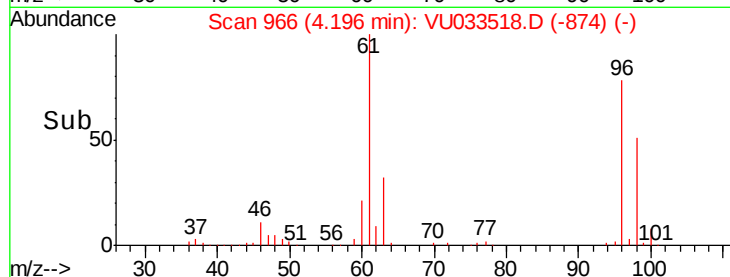
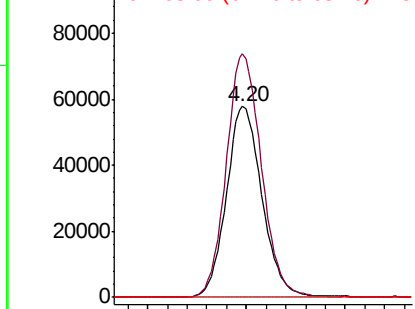
#20
 cis-1,2-Dichloroethene
 Concen: 62.380 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033518.D
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Tgt Ion: 96 Resp: 145661
 Ion Ratio Lower Upper
 96 100
 61 127.4 91.3 169.6
 68 0.0 0.0 0.0

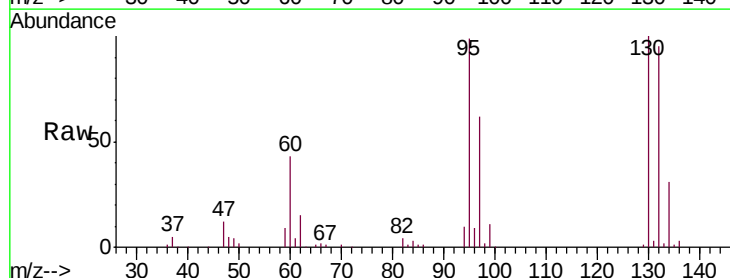


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

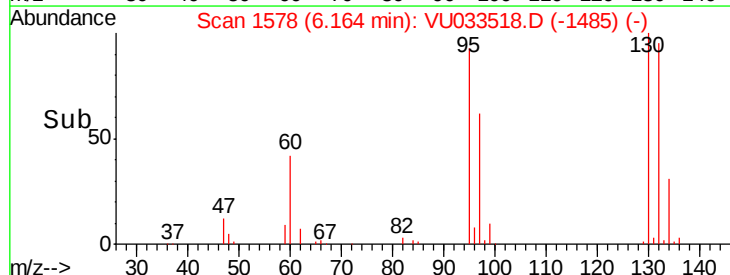
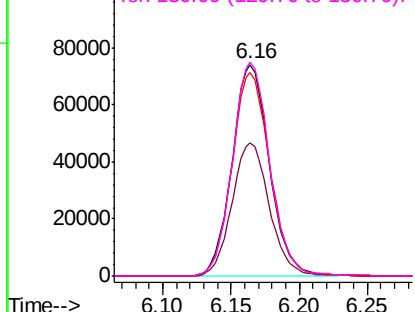


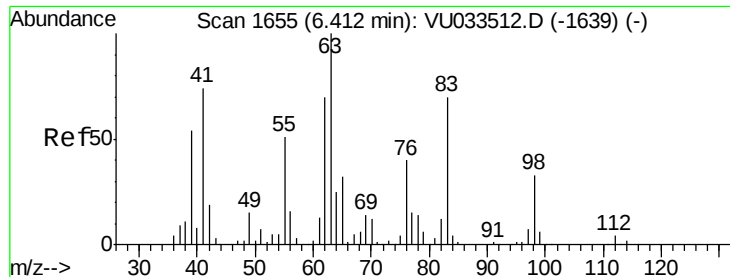
#34
 Trichloroethene
 Concen: 61.841 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033518.D
 Acq: 31 Jul 2019 12:16

Tgt Ion: 95 Resp: 140551
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.7 83.1
 132 96.4 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

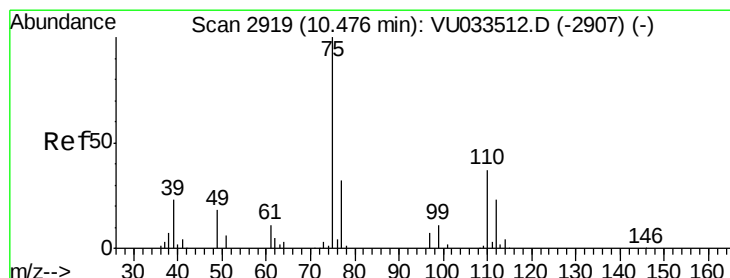
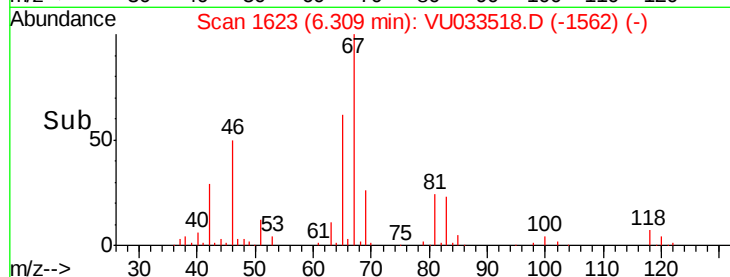
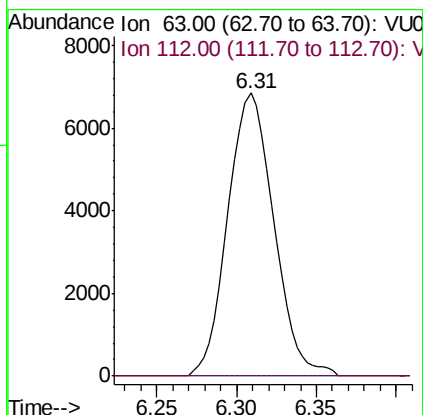
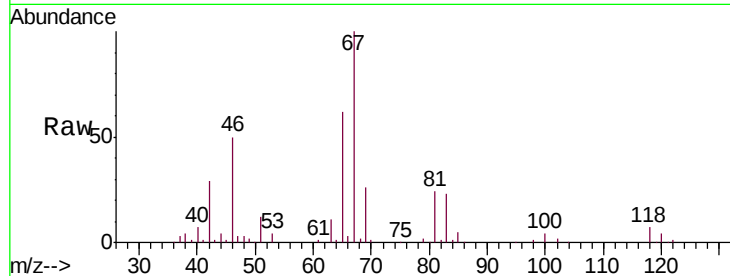




#37
 1,2-Dichloropropane
 Concen: 5.854 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
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 DB9D7DL

Tgt Ion: 63 Resp: 13501
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.399 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033518.D
 Acq: 31 Jul 2019 12:16

Tgt Ion: 75 Resp: 16437
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.8 38.6

