

Data File : VU033418.D
Acq On : 25 Jul 2019 18:48
Operator : JC/SP
Sample : K3957-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A26

Quant Time: Jul 26 05:53:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	275910	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	280914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	122689	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124281	59.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.00%
7) Chloroethane-d5	1.67	69	110797	62.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.20%
11) 1,1-Dichloroethene-d2	2.26	63	155092	40.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.88%
21) 2-Butanone-d5	4.15	46	153413	115.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.92%
24) Chloroform-d	4.62	84	194261	55.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	5.29	65	131149	58.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.84%
32) Benzene-d6	5.32	84	400729	58.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.30%
36) 1,2-Dichloropropane-d6	6.31	67	127445	57.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.46%
41) Toluene-d8	7.55	98	359401	55.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	7.83	79	56901	52.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.14%
47) 2-Hexanone-d5	8.29	63	106254	106.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.77%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189055	56.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	136535	62.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.80%#

Target Compounds

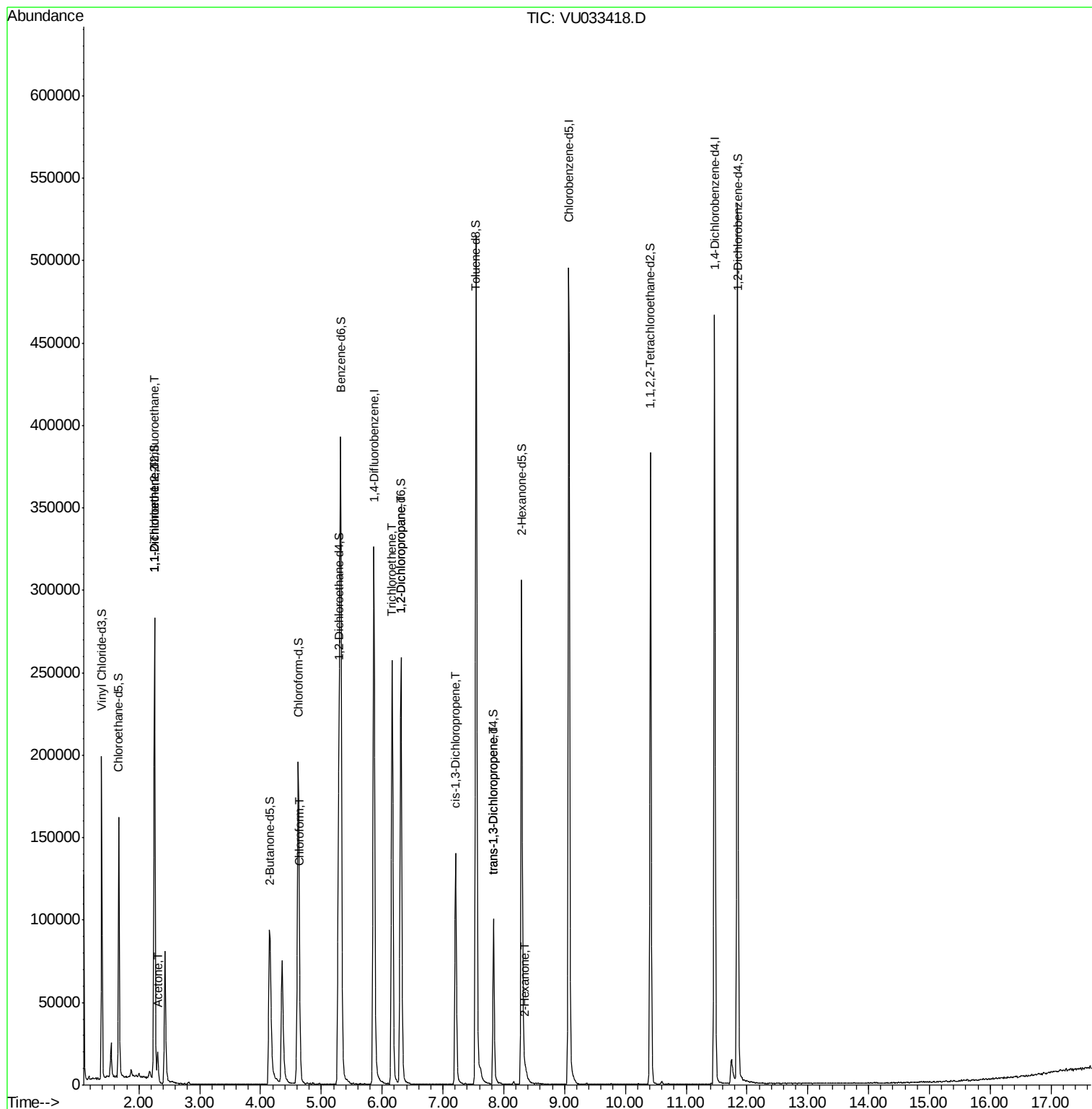
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1411	0.750	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1232	0.669	ug/L #	1
13) Acetone	2.31	43	17531	10.602	ug/L	95
25) Chloroform	4.65	83	5740	1.475	ug/L	92
34) Trichloroethene	6.16	95	89878	41.950	ug/L	96
37) 1,2-Dichloropropane	6.31	63	13725	6.178	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3727	1.094	ug/L #	80
44) trans-1,3-Dichloropropene	7.83	75	2752	0.896	ug/L	100
48) 2-Hexanone	8.35	43	3842	1.582	ug/L #	47

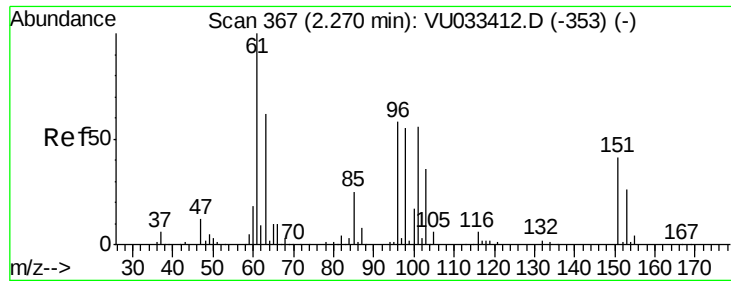
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.750 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

F2A26

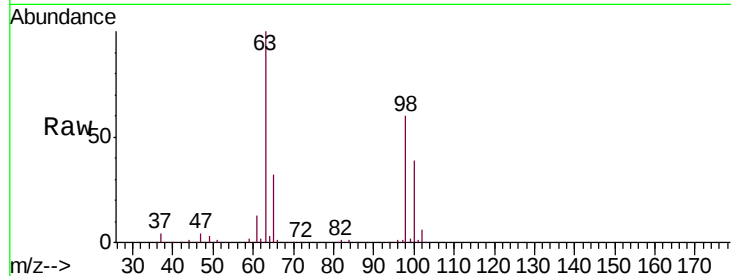
Tgt Ion:101 Resp: 1411

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

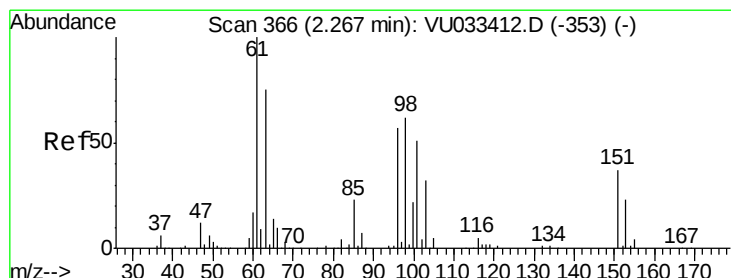
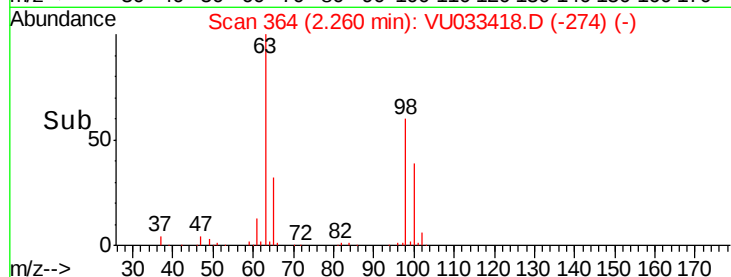
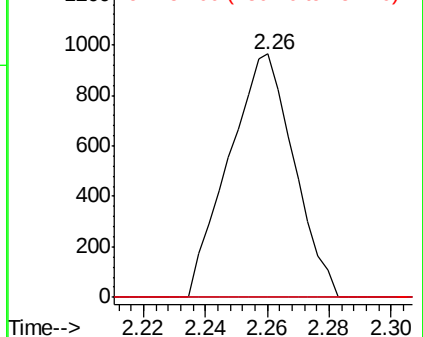
151 0.0 56.7 85.1#



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: 0.669 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033418.D

Acq: 25 Jul 2019 18:48

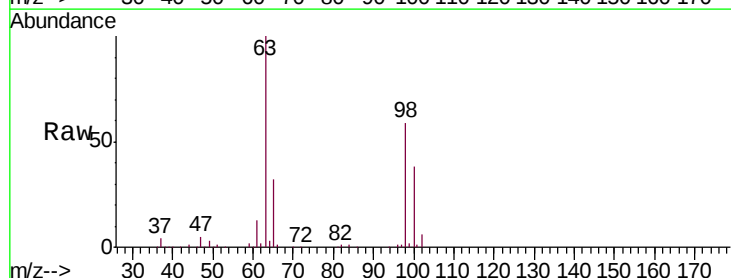
Tgt Ion: 96 Resp: 1232

Ion Ratio Lower Upper

96 100

61 1595.3 126.1 234.1#

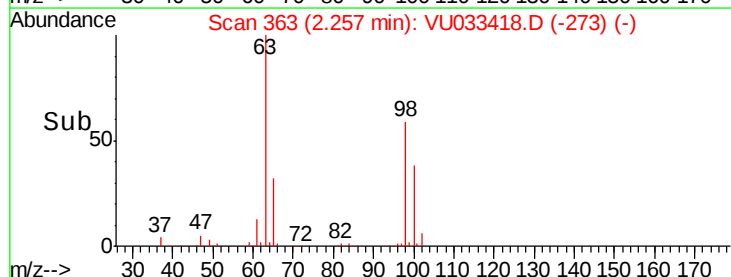
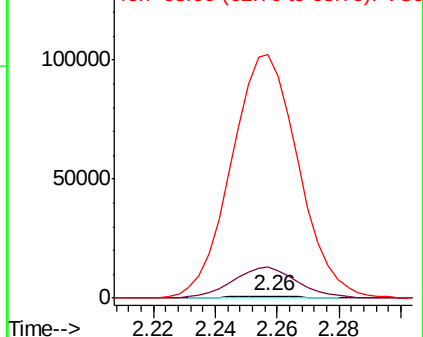
63 12626.2 96.8 179.8#

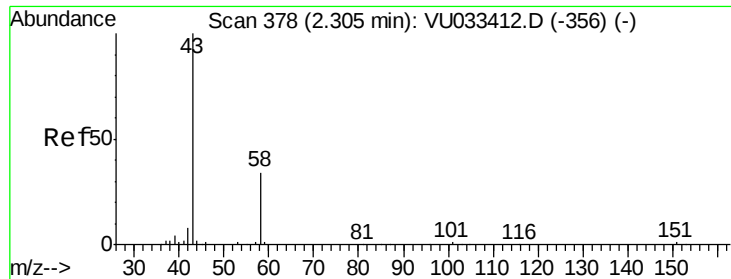


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 10.602 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

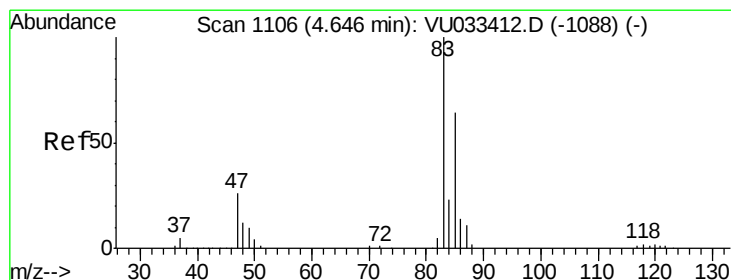
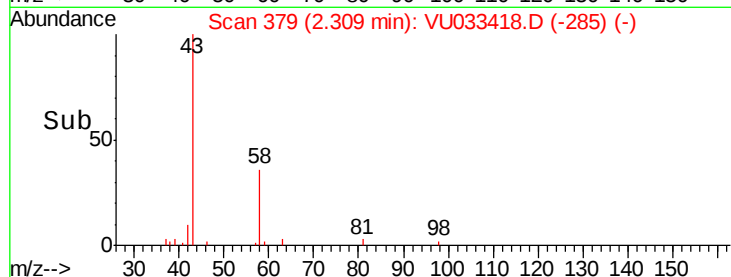
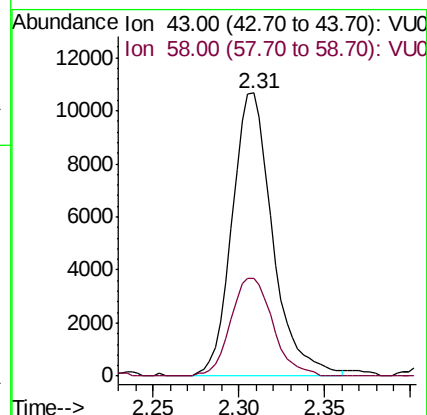
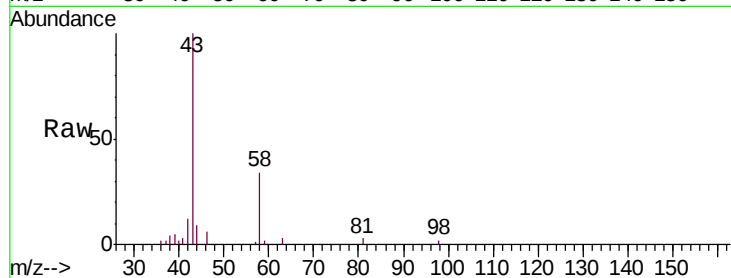
F2A26

Tgt Ion: 43 Resp: 17531

Ion Ratio Lower Upper

43 100

58 35.8 0.0 65.4



#25

Chloroform

Concen: 1.475 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033418.D

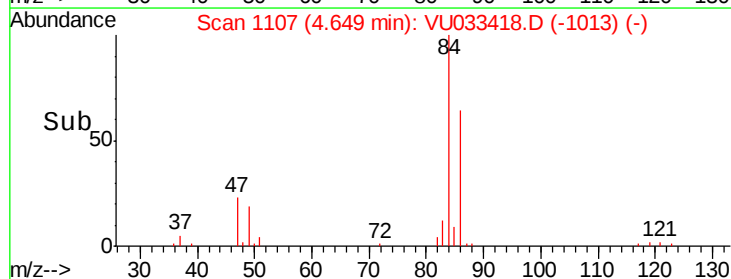
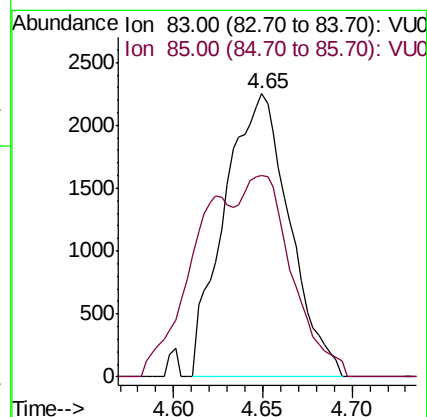
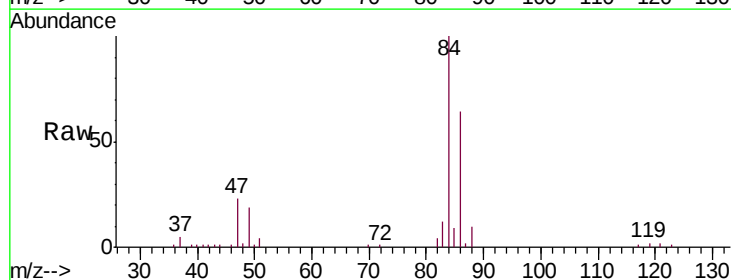
Acq: 25 Jul 2019 18:48

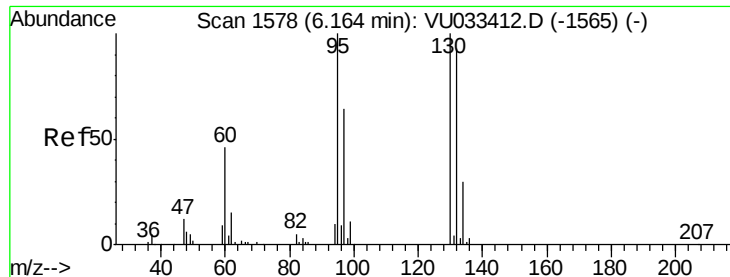
Tgt Ion: 83 Resp: 5740

Ion Ratio Lower Upper

83 100

85 71.3 45.4 84.4





#34

Trichloroethene

Concen: 41.950 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033418.D

Acq: 25 Jul 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

F2A26

Tgt Ion: 95 Resp: 89878

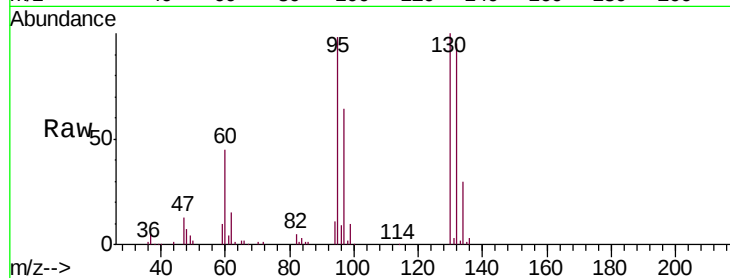
Ion Ratio Lower Upper

95 100

97 65.8 43.8 81.4

132 97.7 65.5 121.6

130 102.3 69.7 129.5

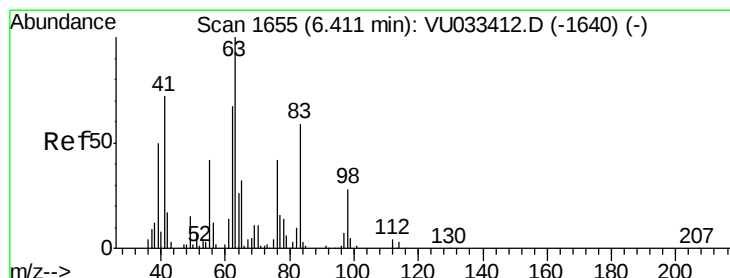
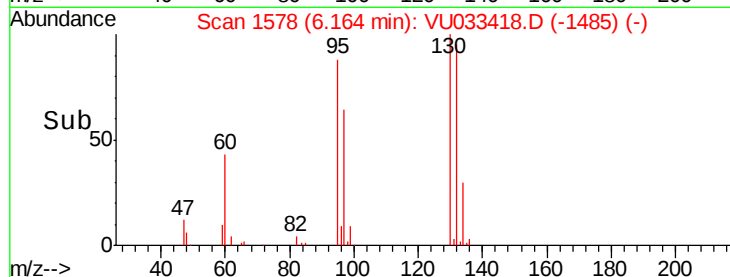
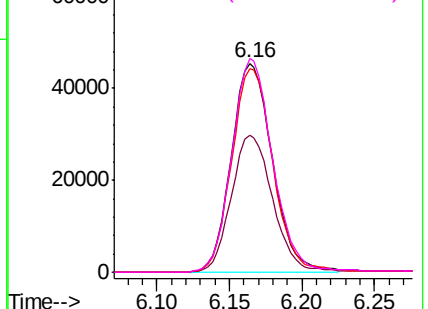


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 6.178 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033418.D

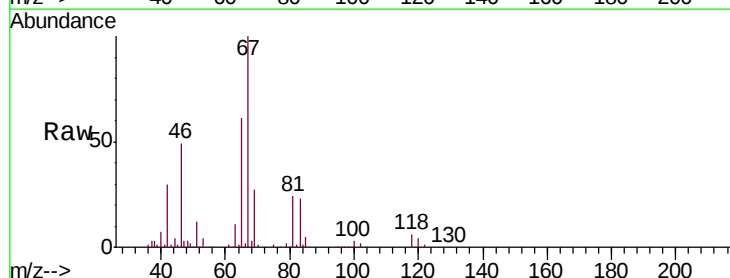
Acq: 25 Jul 2019 18:48

Tgt Ion: 63 Resp: 13725

Ion Ratio Lower Upper

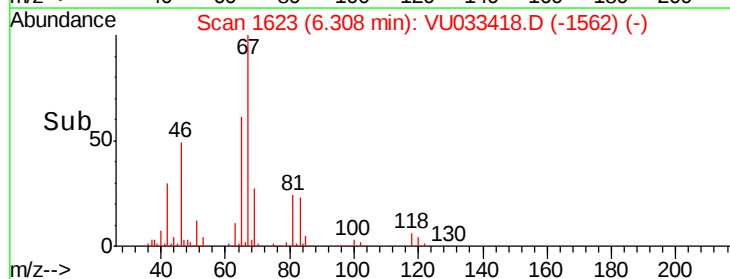
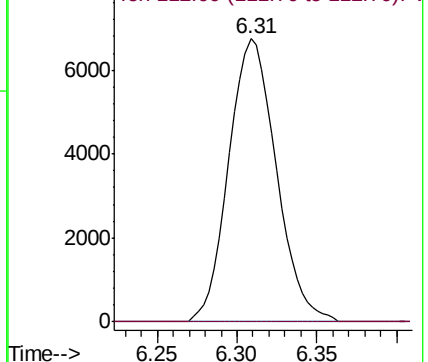
63 100

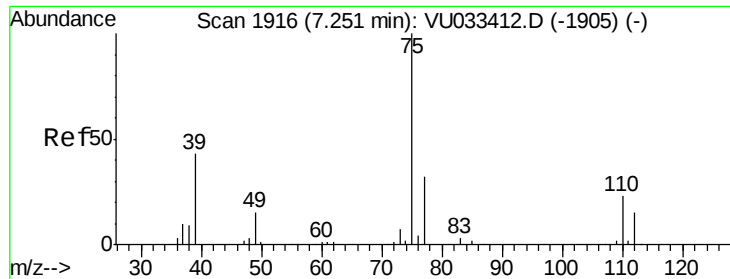
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

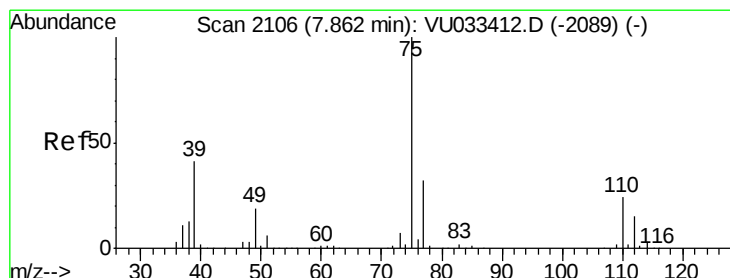
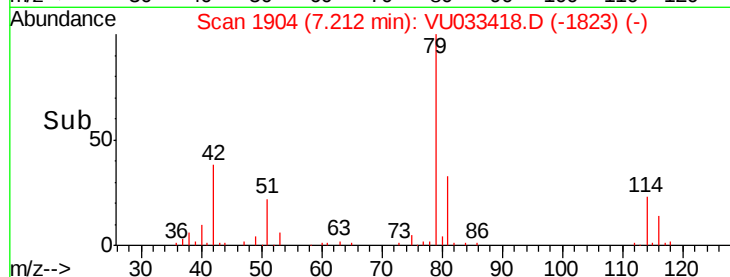
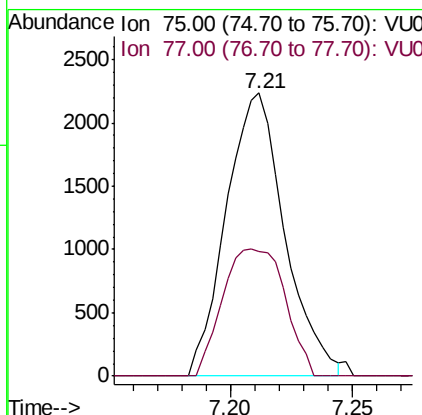
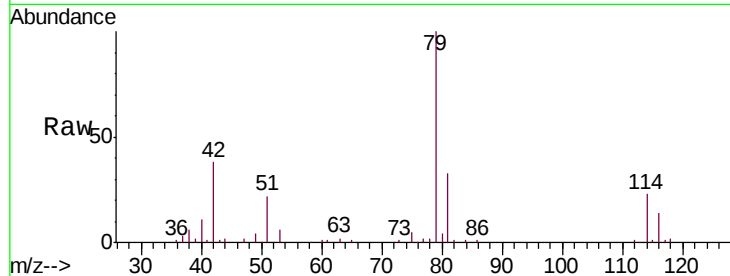




#39
 cis-1,3-Dichloropropene
 Concen: 1.094 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033418.D
 Acq: 25 Jul 2019 18:48

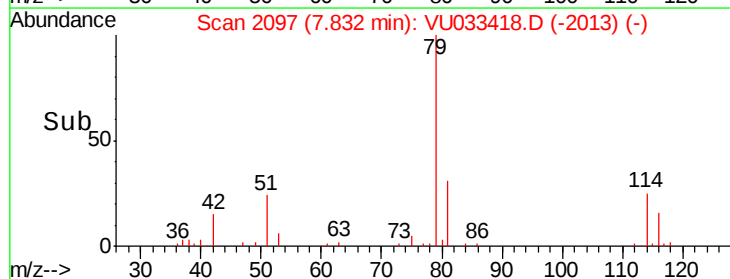
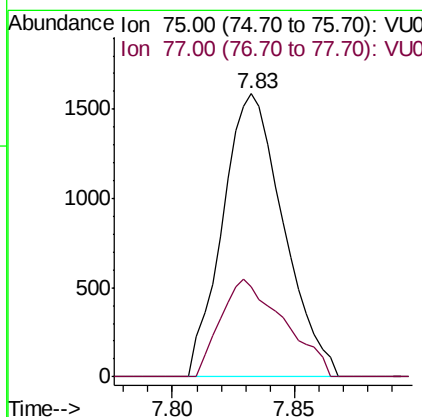
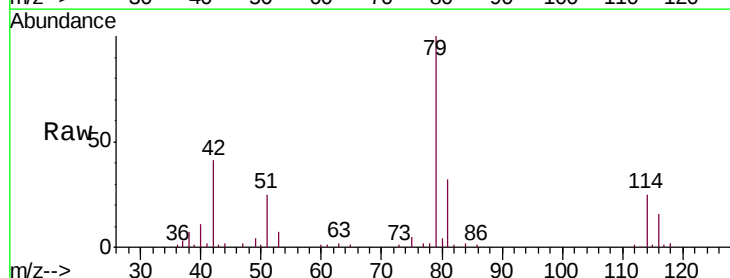
Instrument :
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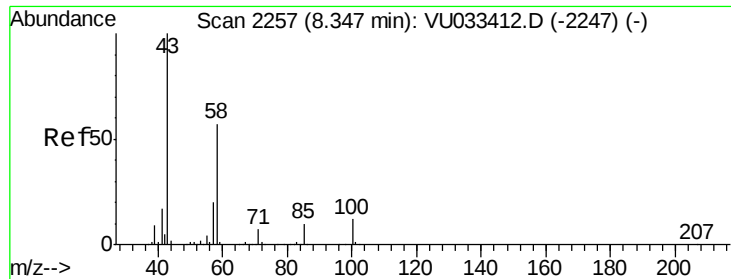
Tgt Ion: 75 Resp: 3727
 Ion Ratio Lower Upper
 75 100
 77 44.2 23.1 42.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.896 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033418.D
 Acq: 25 Jul 2019 18:48

Tgt Ion: 75 Resp: 2752
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.4 41.6





#48
 2-Hexanone
 Concen: 1.582 ug/L
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: VU033418.D
 Acq: 25 Jul 2019 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A26

Tgt Ion: 43 Resp: 3842
 Ion Ratio Lower Upper
 43 100
 58 10.3 46.1 69.1#
 57 4.3 15.8 23.8#
 100 0.0 9.4 14.2#

