

Data File : VU033419.D
Acq On : 25 Jul 2019 19:11
Operator : JC/SP
Sample : K3957-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A07

Quant Time: Jul 26 05:53:23 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	275499	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	120154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127161	60.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.94%
7) Chloroethane-d5	1.67	69	109939	61.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.42%
11) 1,1-Dichloroethene-d2	2.25	63	164433	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
21) 2-Butanone-d5	4.15	46	137895	104.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.35%
24) Chloroform-d	4.62	84	185503	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.16%
26) 1,2-Dichloroethane-d4	5.29	65	131173	58.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.04%
32) Benzene-d6	5.32	84	404375	59.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.54%
36) 1,2-Dichloropropane-d6	6.31	67	126806	58.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.02%
41) Toluene-d8	7.55	98	363745	57.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.04%
43) trans-1,3-Dichloropropene-	7.83	79	56579	53.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.48%
47) 2-Hexanone-d5	8.29	63	109710	112.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.30%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	183936	56.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.16%
64) 1,2-Dichlorobenzene-d4	11.84	152	134644	62.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.68%#

Target Compounds

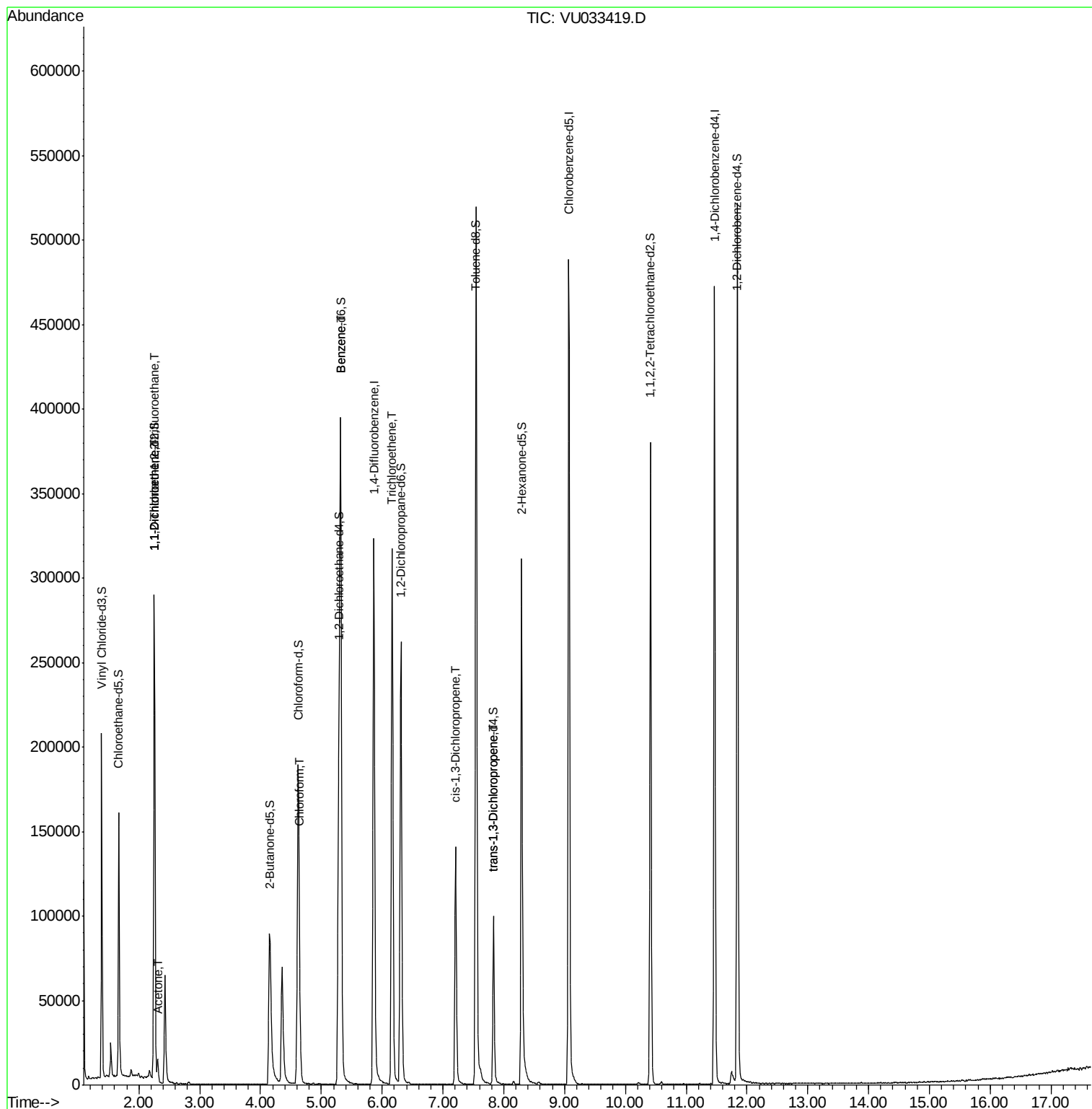
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1609	0.856 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1270	0.691 ug/L #	1
13) Acetone	2.31	43	13265	8.034 ug/L	99
25) Chloroform	4.65	83	15143	3.897 ug/L	94
33) Benzene	5.31	78	3319	0.413 ug/L	100
34) Trichloroethene	6.16	95	112751	53.608 ug/L	99
39) cis-1,3-Dichloropropene	7.21	75	3840	1.148 ug/L #	70
44) trans-1,3-Dichloropropene	7.84	75	2437	0.808 ug/L	85

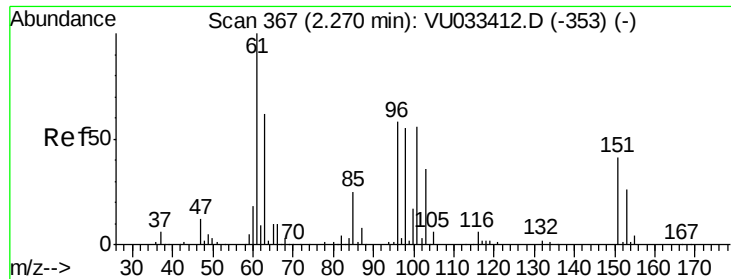
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.856 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033419.D

Acq: 25 Jul 2019 19:11

Instrument :

MSVOA_U

ClientSampleId :

F2A07

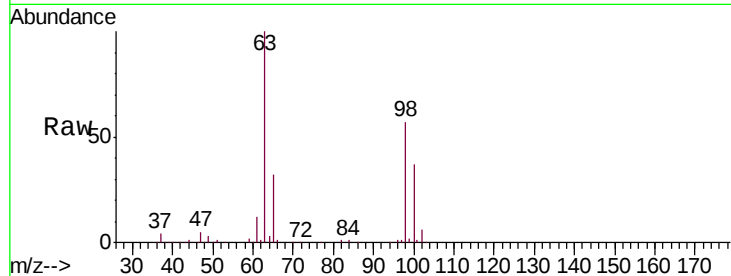
Tgt Ion: 101 Resp: 1609

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

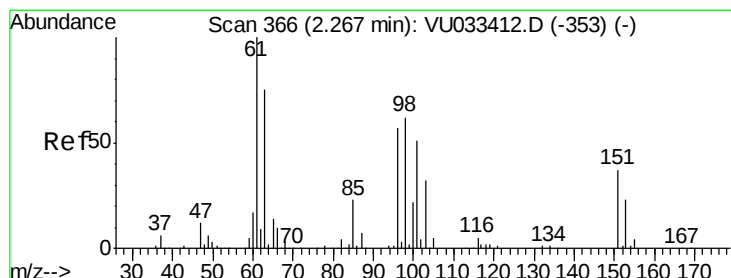
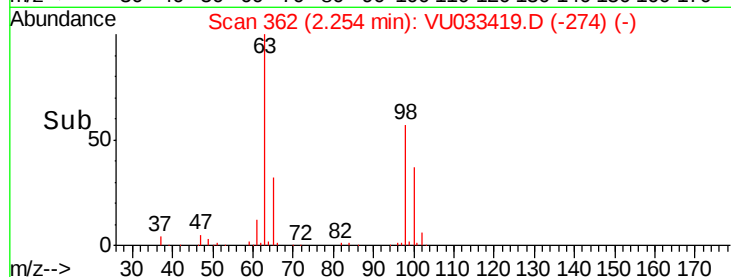
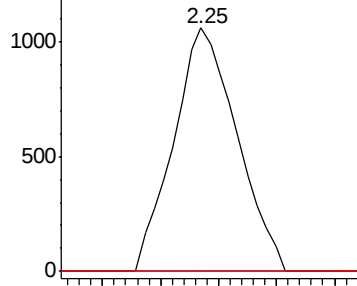
151 0.0 56.7 85.1#



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: 0.691 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033419.D

Acq: 25 Jul 2019 19:11

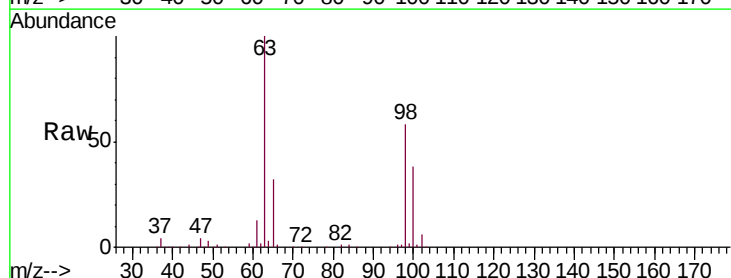
Tgt Ion: 96 Resp: 1270

Ion Ratio Lower Upper

96 100

61 1528.7 126.1 234.1#

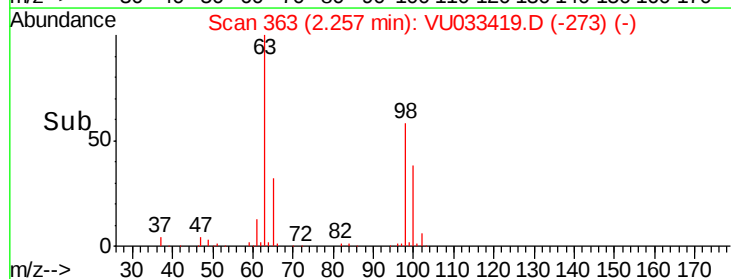
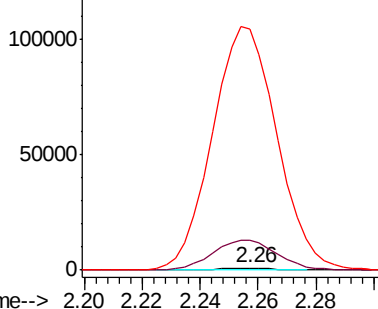
63 12150.7 96.8 179.8#

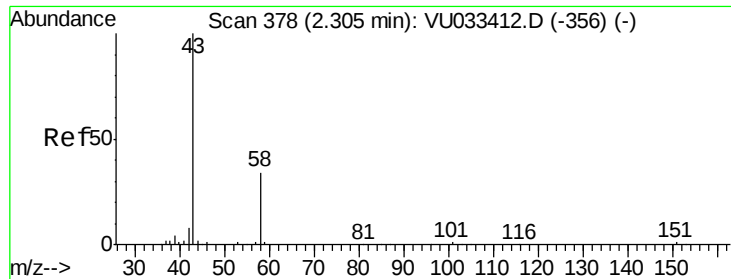


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 8.034 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

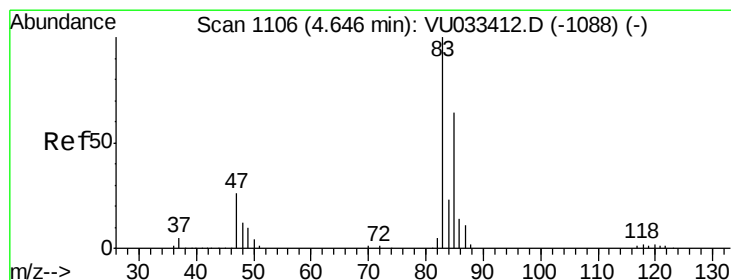
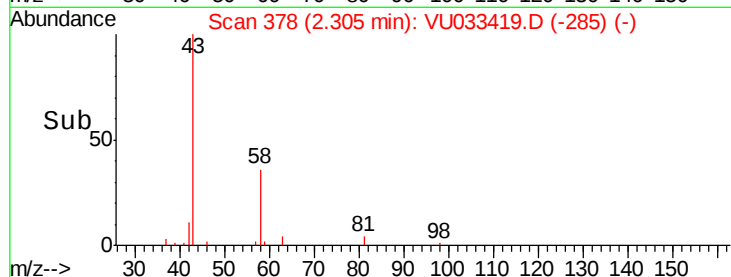
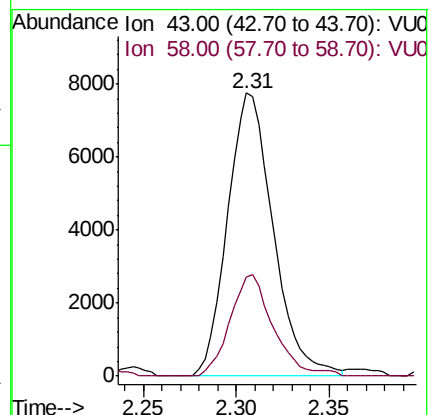
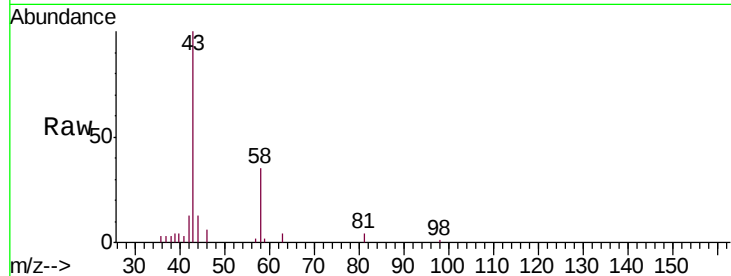
F2A07

Tgt Ion: 43 Resp: 13265

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.4



#25

Chloroform

Concen: 3.897 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033419.D

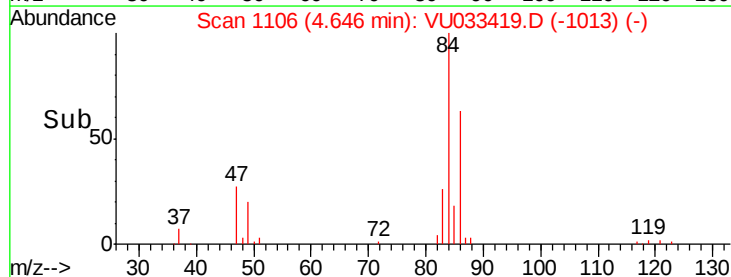
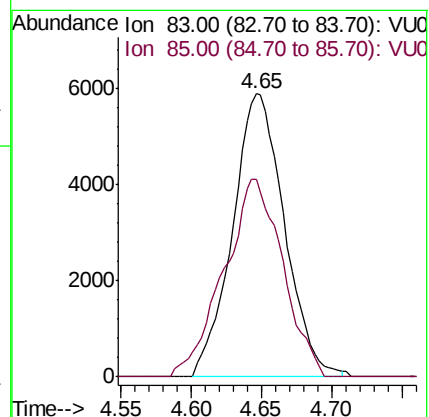
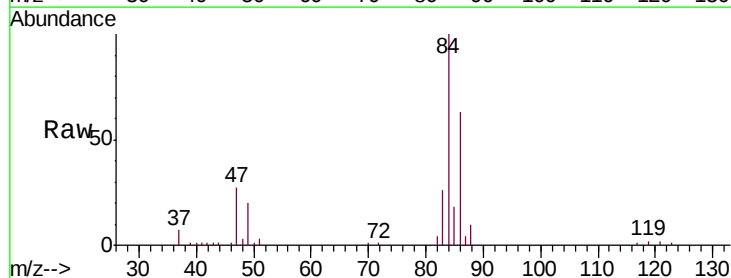
Acq: 25 Jul 2019 19:11

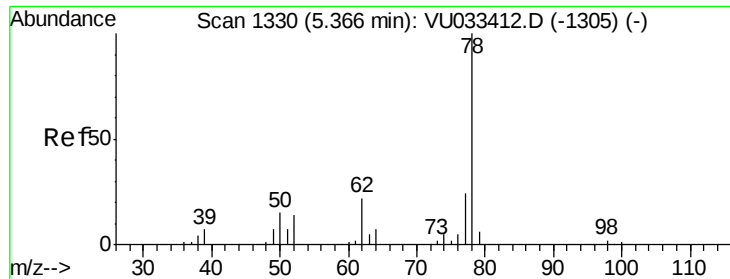
Tgt Ion: 83 Resp: 15143

Ion Ratio Lower Upper

83 100

85 69.7 45.4 84.4





#33

Benzene

Concen: 0.413 ug/L

RT: 5.31 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VU033419.D

Acq: 25 Jul 2019 19:11

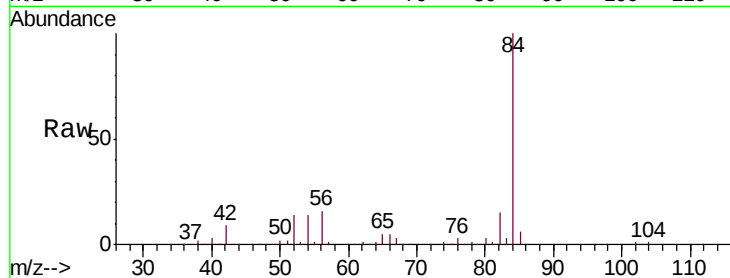
Instrument :

MSVOA_U

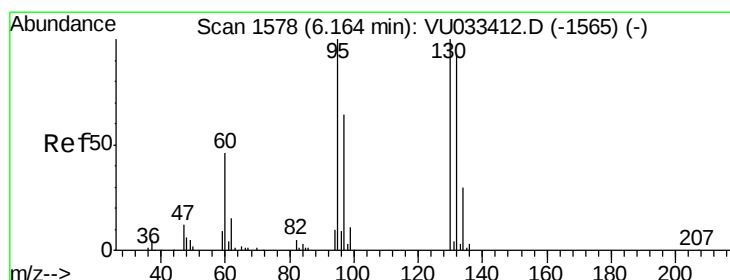
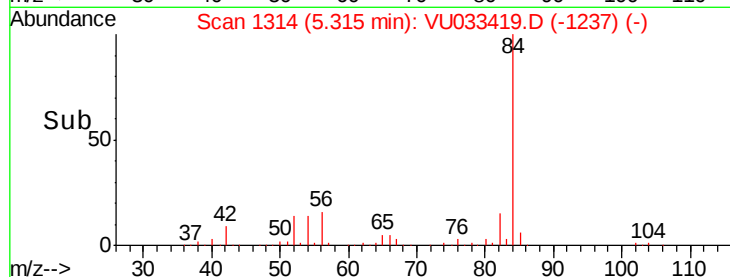
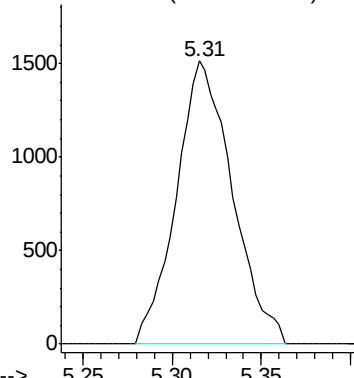
ClientSampleId :

F2A07

Tgt Ion: 78 Resp: 3319



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 53.608 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033419.D

Acq: 25 Jul 2019 19:11

Tgt Ion: 95 Resp: 112751

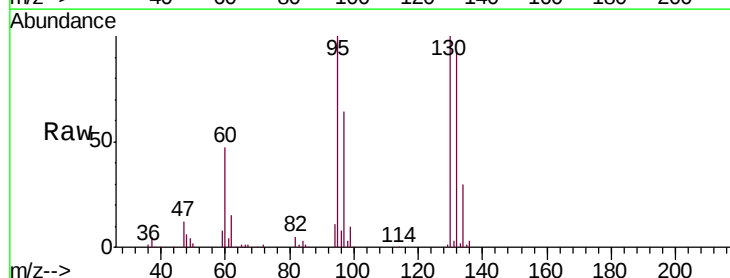
Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.8	81.4
132	93.1	65.5	121.6
130	100.1	69.7	129.5

95 100

97 64.1 43.8 81.4

132 93.1 65.5 121.6

130 100.1 69.7 129.5

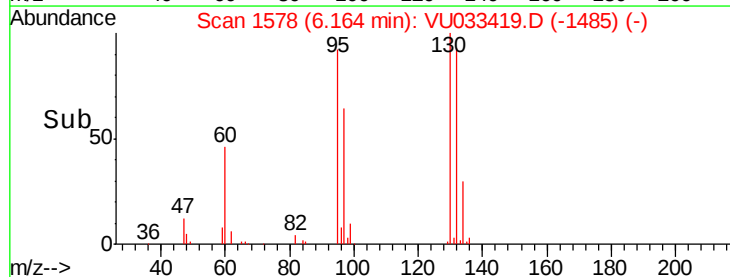
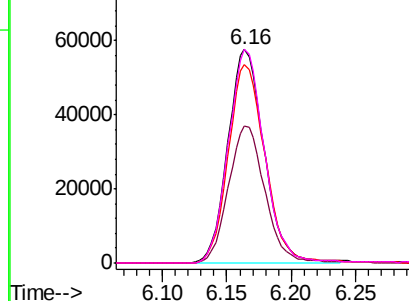


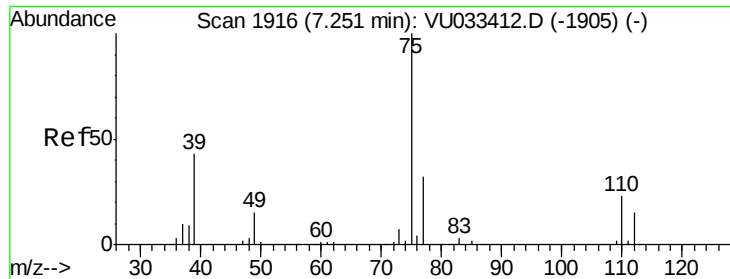
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

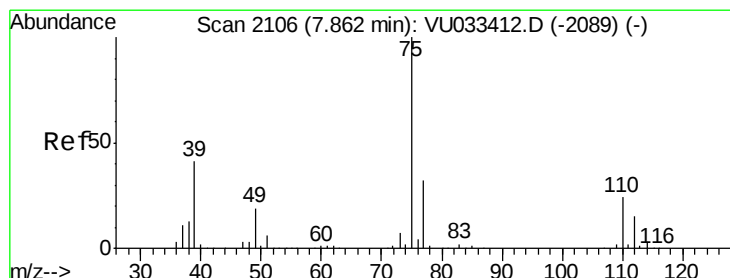
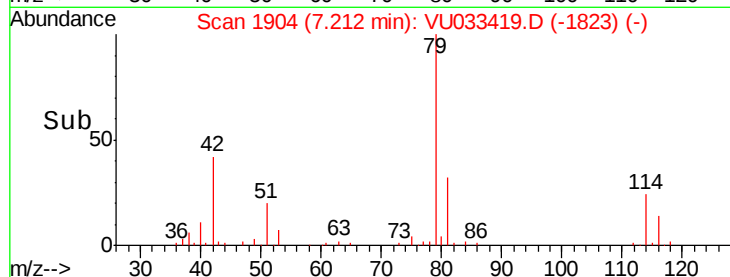
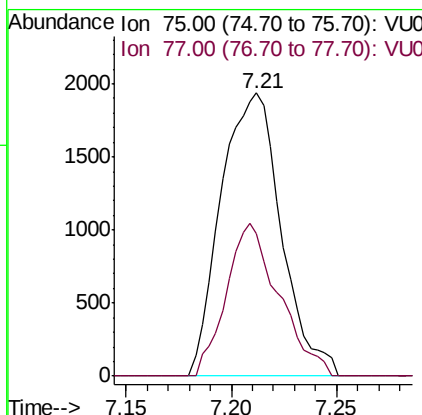
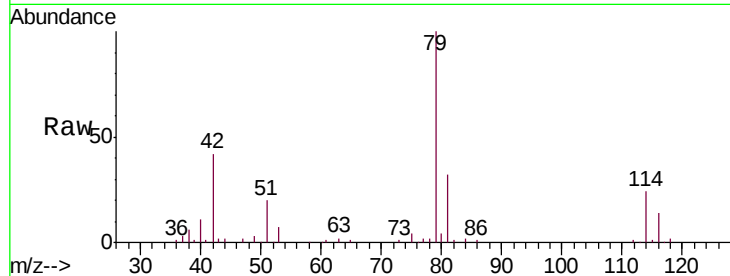




#39
 cis-1,3-Dichloropropene
 Concen: 1.148 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033419.D
 Acq: 25 Jul 2019 19:11

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A07

Tgt Ion: 75 Resp: 3840
 Ion Ratio Lower Upper
 75 100
 77 50.2 23.1 42.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.808 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: VU033419.D
 Acq: 25 Jul 2019 19:11

Tgt Ion: 75 Resp: 2437
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.4 41.6

