

Data File : VU033566.D
Acq On : 02 Aug 2019 13:46
Operator : JC/SP
Sample : K4103-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9G4

Quant Time: Aug 03 00:43:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	289630	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289963	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	129466	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131702	62.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.08%
7) Chloroethane-d5	1.67	69	111640	61.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.58%
11) 1,1-Dichloroethene-d2	2.26	63	174855	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.50%
21) 2-Butanone-d5	4.14	46	178113	127.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.70%
24) Chloroform-d	4.62	84	201060	56.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.92%
26) 1,2-Dichloroethane-d4	5.29	65	137178	61.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.74%
32) Benzene-d6	5.32	84	431011	59.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.92%
36) 1,2-Dichloropropane-d6	6.31	67	136714	60.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.34%#
41) Toluene-d8	7.55	98	383748	56.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.94%
43) trans-1,3-Dichloropropene-	7.83	79	64082	57.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.66%
47) 2-Hexanone-d5	8.29	63	128327	119.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.95%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	203900	58.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	147065	62.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.06%#

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1465	0.749 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1963	1.047 ug/L #	1
13) Acetone	2.31	43	2868	2.010 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	237886	107.854 ug/L	99
25) Chloroform	4.65	83	8792	2.265 ug/L	89
34) Trichloroethene	6.16	95	123290	55.874 ug/L	98
37) 1,2-Dichloropropane	6.31	63	14559	6.502 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	2769	0.877 ug/L	88
59) 1,2,3-Trichloropropane	11.47	75	15431	5.221 ug/L	93

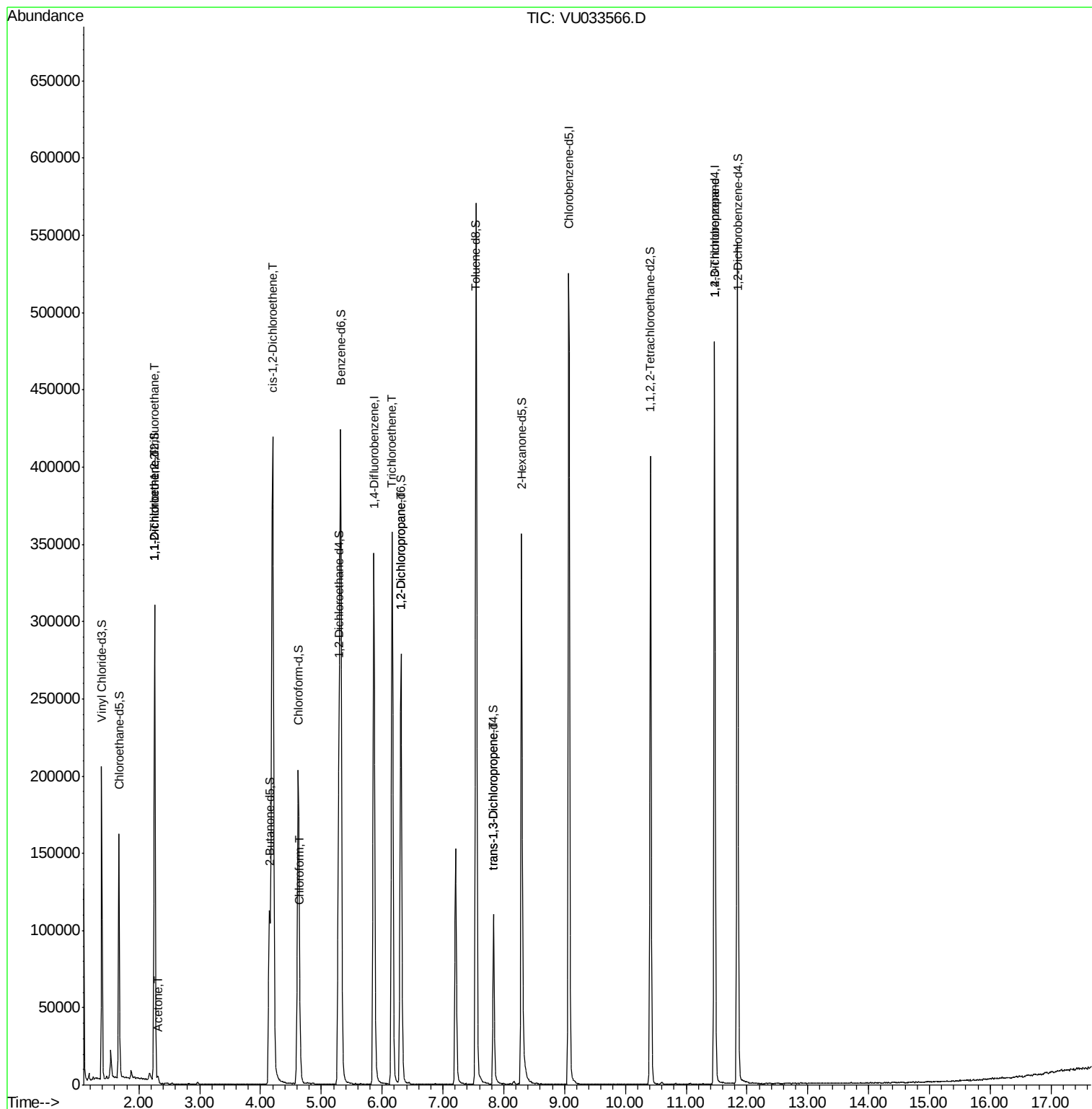
(#) = qualifier out of range (m) = manual integration (+) = signals summed

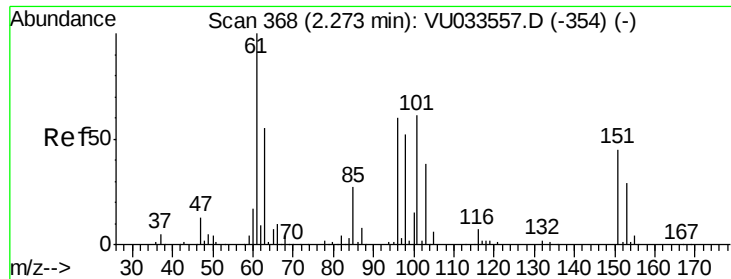
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QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration





#10

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

Concen: 0.749 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

DB9G4

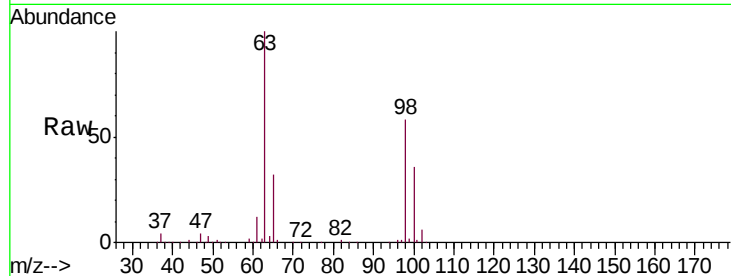
Tgt Ion: 101 Resp: 1465

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

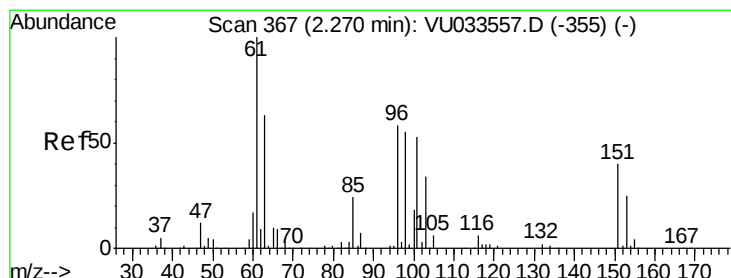
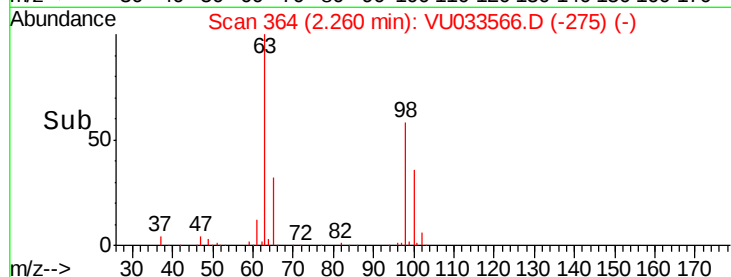
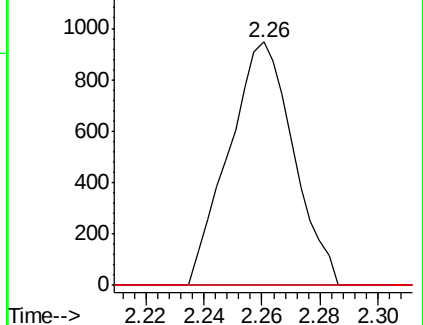
151 0.0 60.1 90.1#



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: 1.047 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU033566.D

Acq: 02 Aug 2019 13:46

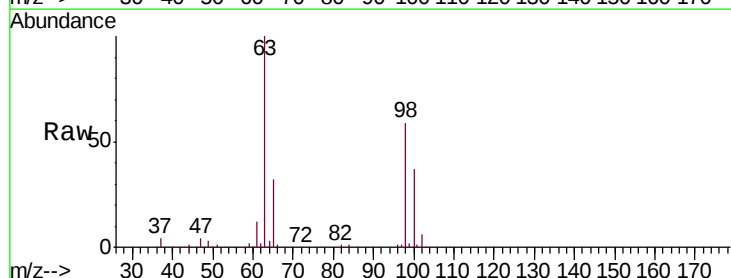
Tgt Ion: 96 Resp: 1963

Ion Ratio Lower Upper

96 100

61 1127.9 119.3 221.5#

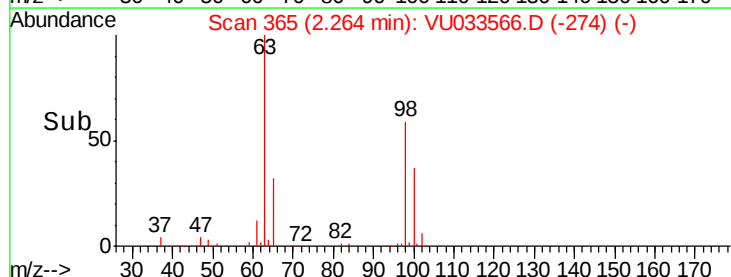
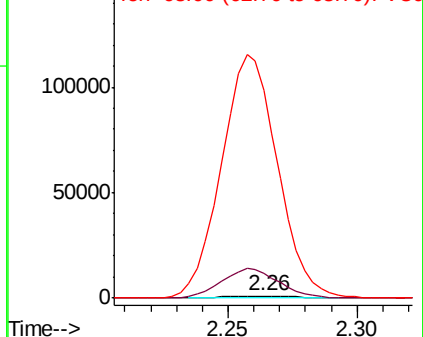
63 9269.4 86.6 160.8#

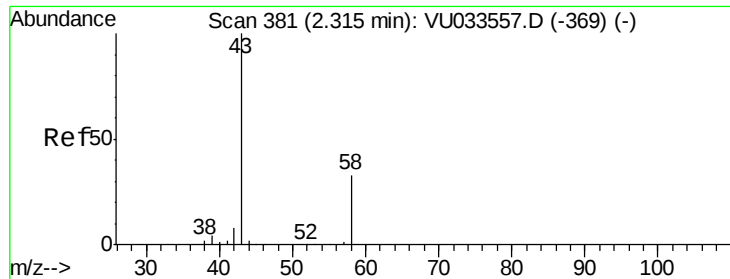


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.010 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

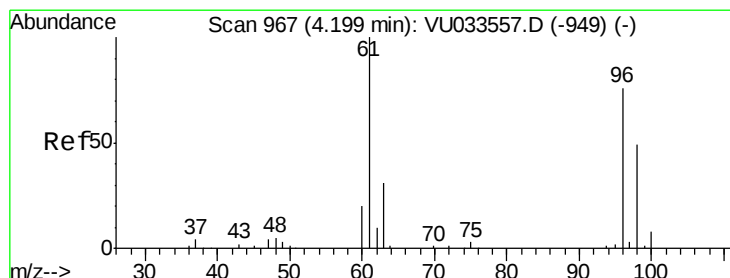
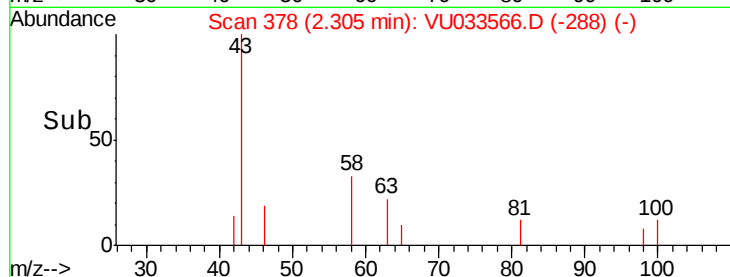
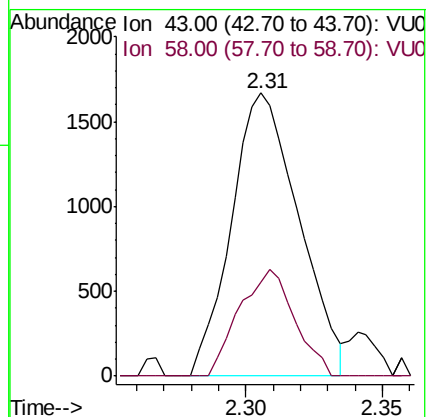
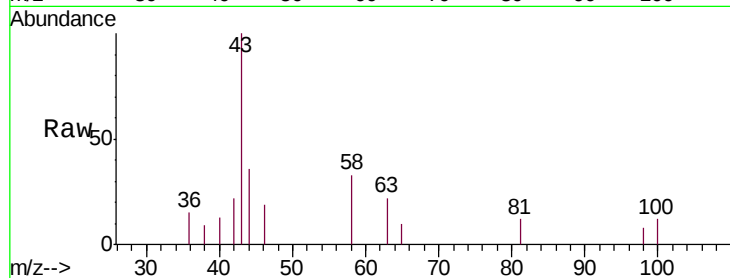
DB9G4

Tgt Ion: 43 Resp: 2868

Ion Ratio Lower Upper

43 100

58 31.0 0.0 66.2



#20

cis-1,2-Dichloroethene

Concen: 107.854 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033566.D

Acq: 02 Aug 2019 13:46

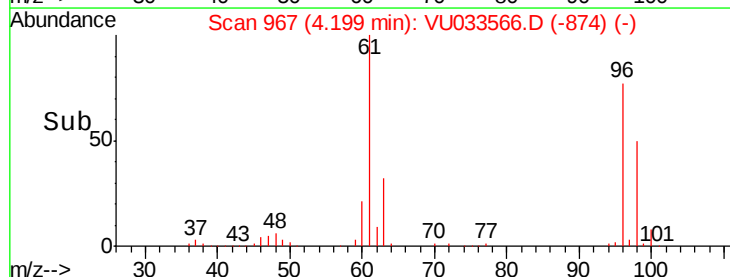
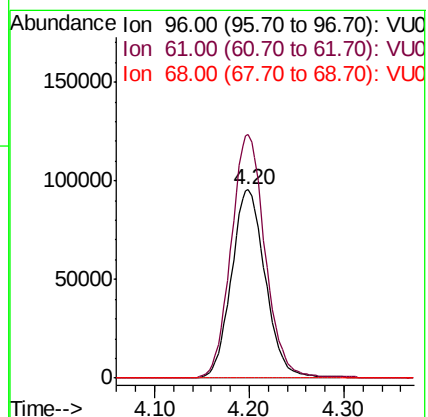
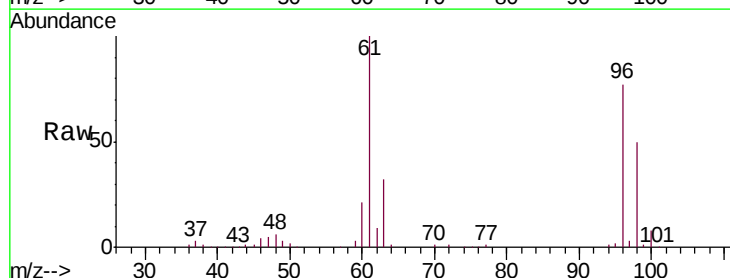
Tgt Ion: 96 Resp: 237886

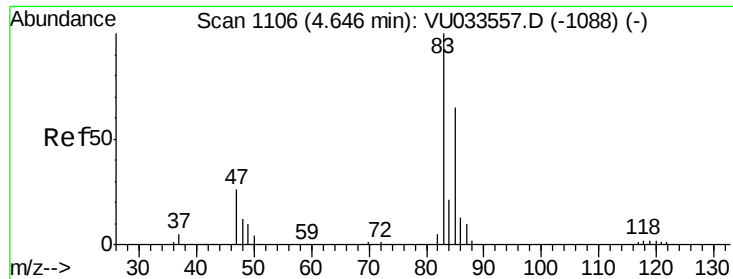
Ion Ratio Lower Upper

96 100

61 129.4 91.3 169.6

68 0.0 0.0 0.0

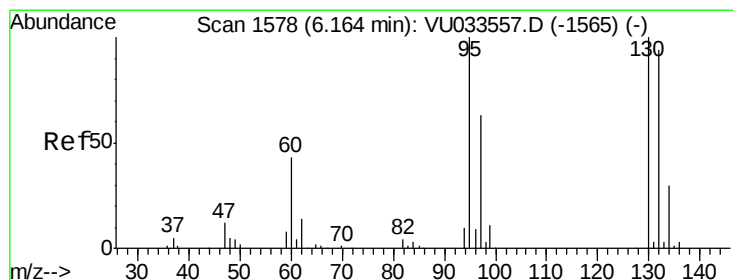
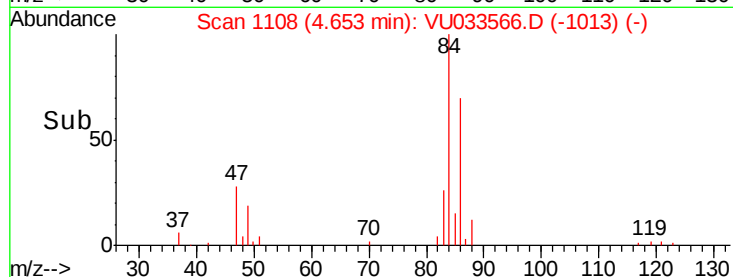
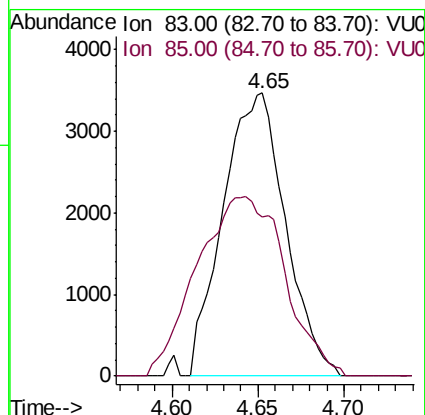
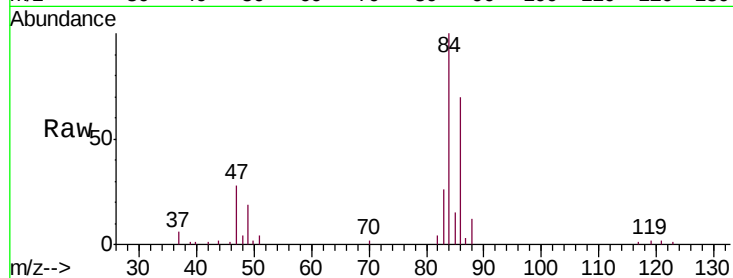




#25
Chloroform
Concen: 2.265 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU033566.D
Acq: 02 Aug 2019 13:46

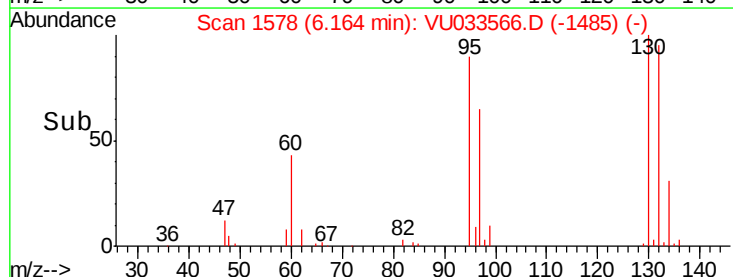
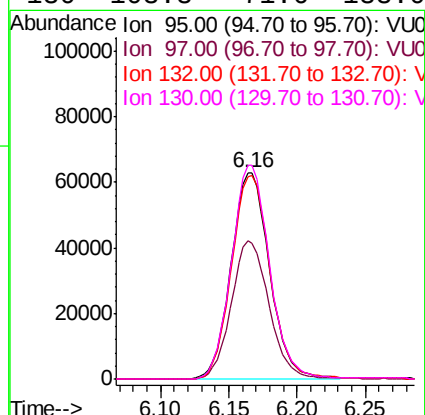
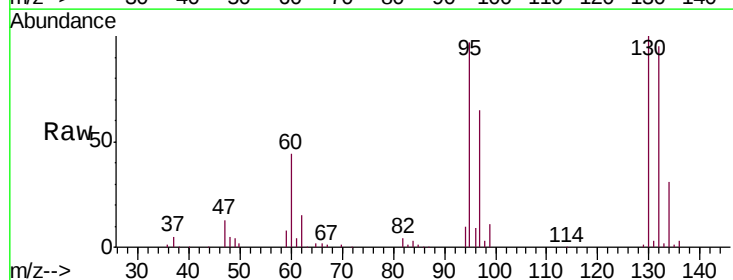
Instrument :
MSVOA_U
ClientSampleId :
DB9G4

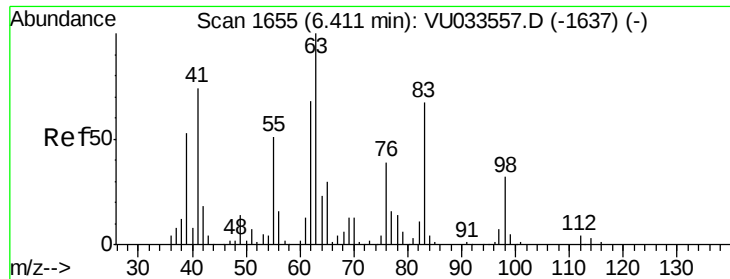
Tgt Ion: 83 Resp: 8792
Ion Ratio Lower Upper
83 100
85 56.3 45.6 84.8



#34
Trichloroethene
Concen: 55.874 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033566.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 95 Resp: 123290
Ion Ratio Lower Upper
95 100
97 67.2 44.7 83.1
132 98.1 66.8 124.0
130 103.3 71.6 133.0

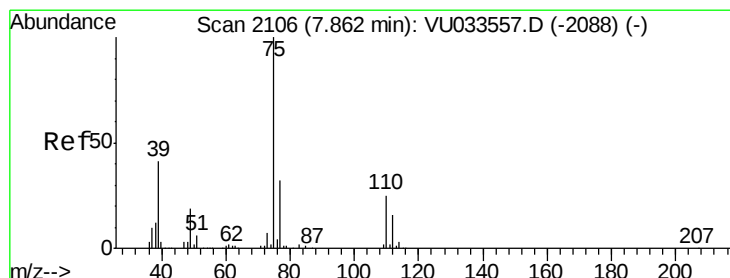
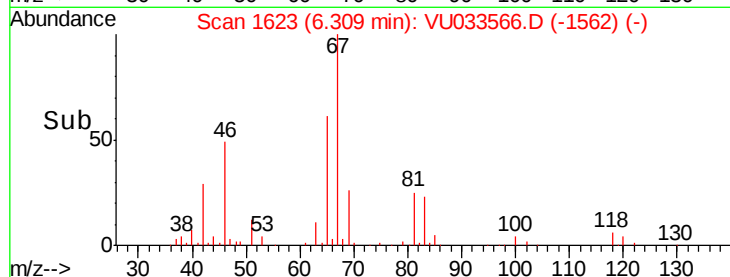
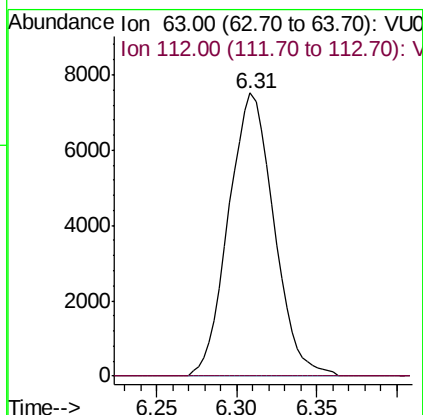
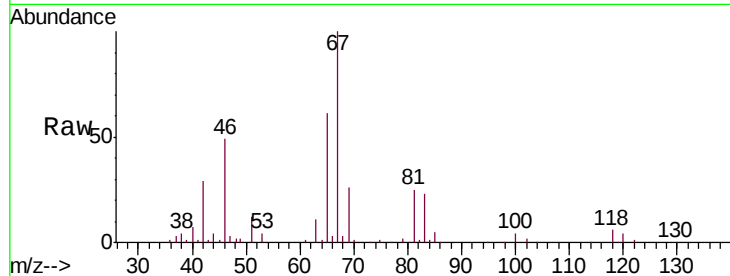




#37
 1,2-Dichloropropane
 Concen: 6.502 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033566.D
 Acq: 02 Aug 2019 13:46

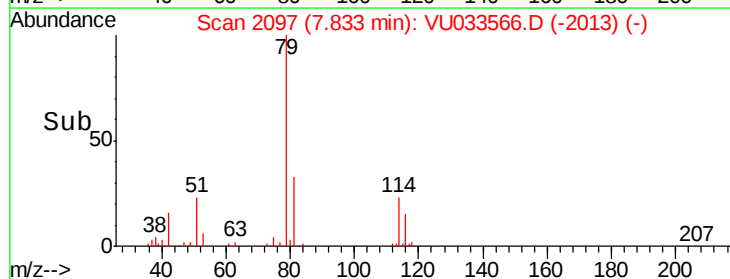
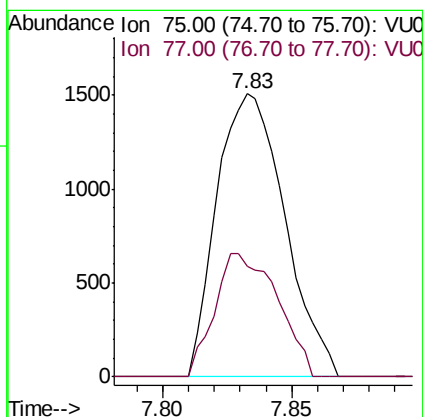
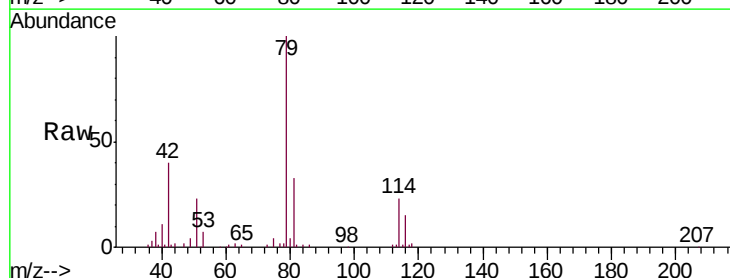
Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G4

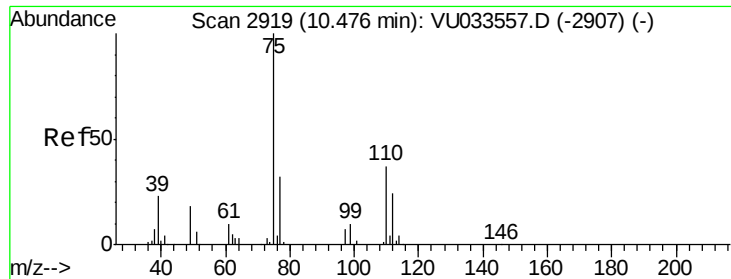
Tgt Ion: 63 Resp: 14559
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.877 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033566.D
 Acq: 02 Aug 2019 13:46

Tgt Ion: 75 Resp: 2769
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.7 42.1





#59

1,2,3-Trichloropropane

Concen: 5.221 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033566.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

DB9G4

Tgt Ion: 75 Resp: 15431

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.6

