

Data File : VU030266.D
Acq On : 21 Mar 2019 15:24
Operator : JC/SP
Sample : K2017-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1D5

Quant Time: Mar 22 04:08:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	553658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	533474	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	248763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	180450	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.40%
7) Chloroethane-d5	1.68	69	145802	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.42%
11) 1,1-Dichloroethene-d2	2.27	63	239795	35.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.22%
21) 2-Butanone-d5	4.17	46	242130	87.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.18%
24) Chloroform-d	4.65	84	305127	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
26) 1,2-Dichloroethane-d4	5.31	65	182976	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.34	84	677878	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.33	67	209737	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	7.56	98	615535	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.85	79	93533	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.31	63	201378	89.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291496	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	239888	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

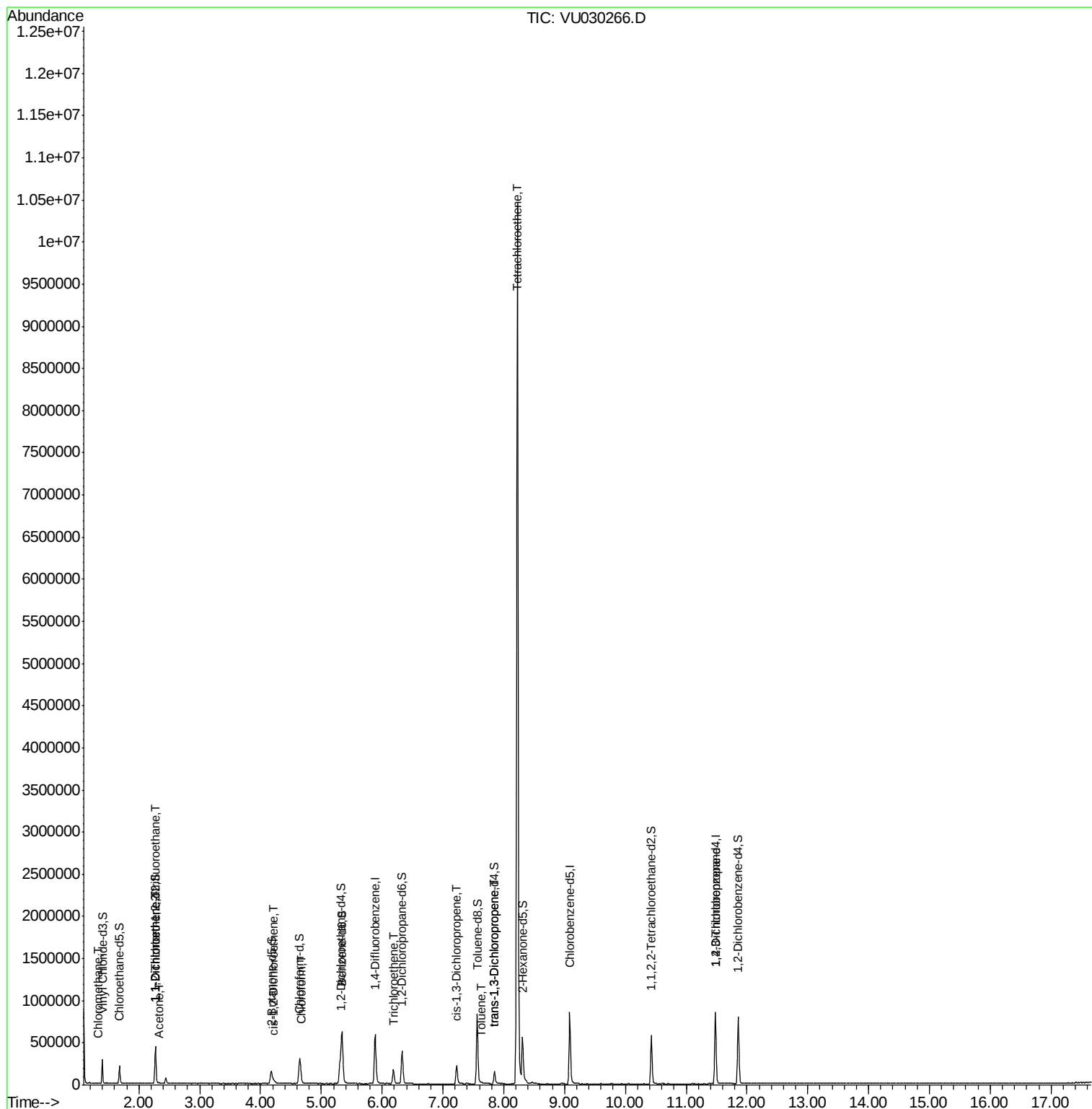
					Qvalue
3) Chloromethane	1.33	50	3510	0.774 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2971	0.799 ug/L #	20
12) 1,1-Dichloroethene	2.28	96	4088	1.107 ug/L #	1
13) Acetone	2.32	43	8282	2.854 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	13952	3.271 ug/L	97
25) Chloroform	4.67	83	14890	2.135 ug/L	100
34) Trichloroethene	6.19	95	61223	15.092 ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	4623	0.731 ug/L #	58
42) Toluene	7.64	91	10365	0.619 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3465	0.633 ug/L	96
46) Tetrachloroethene	8.22	164	2585001	754.177 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	26615	4.996 ug/L	95

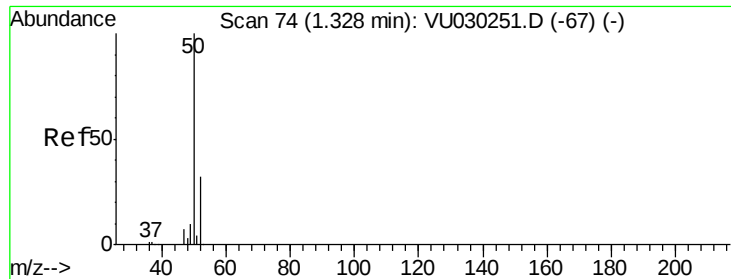
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.774 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030266.D

Acq: 21 Mar 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

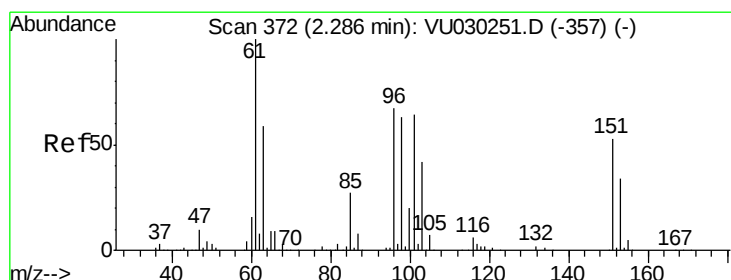
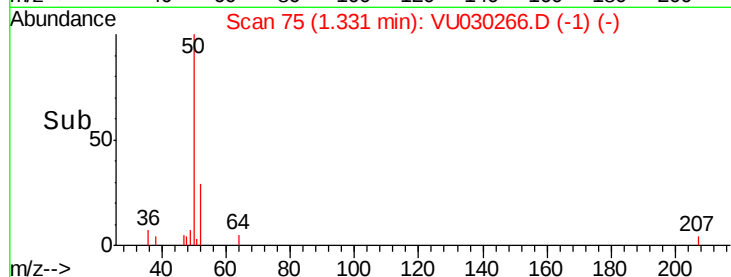
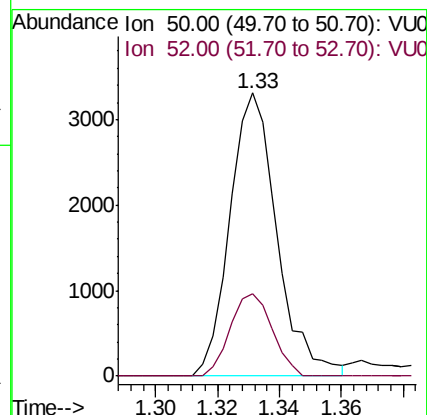
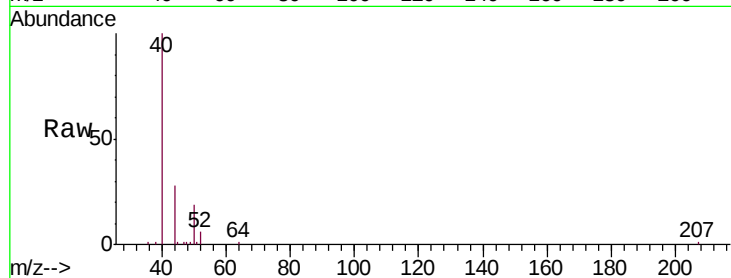
BF1D5

Tgt Ion: 50 Resp: 3510

Ion Ratio Lower Upper

50 100

52 29.2 23.4 43.6



#10

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

Concen: 0.799 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030266.D

Acq: 21 Mar 2019 15:24

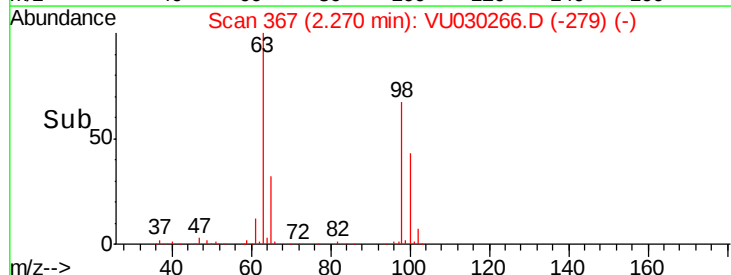
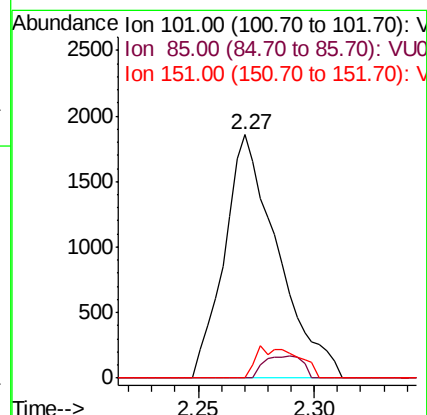
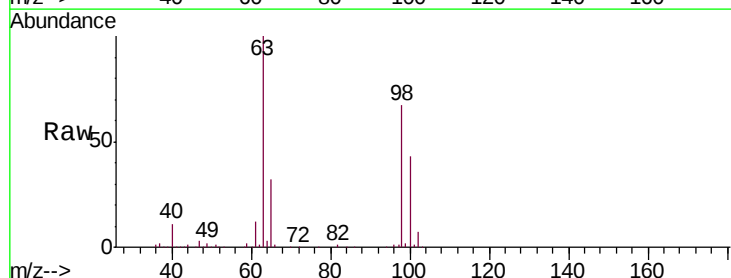
Tgt Ion: 101 Resp: 2971

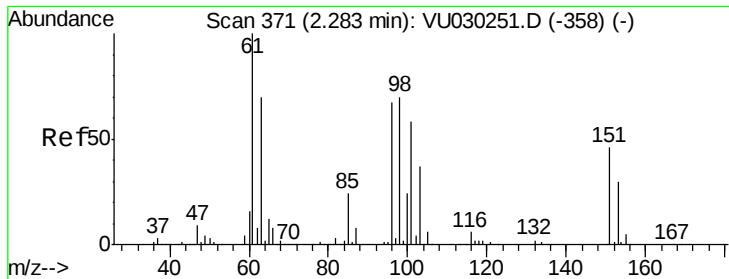
Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 3.4 64.7 97.1#

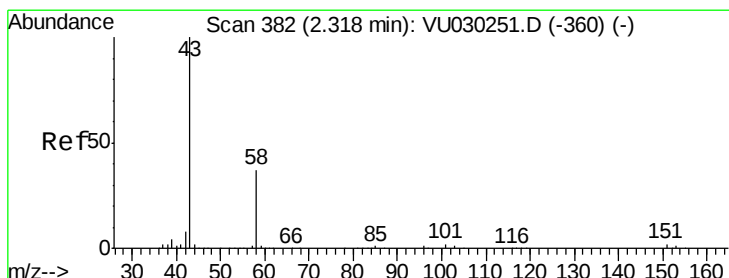
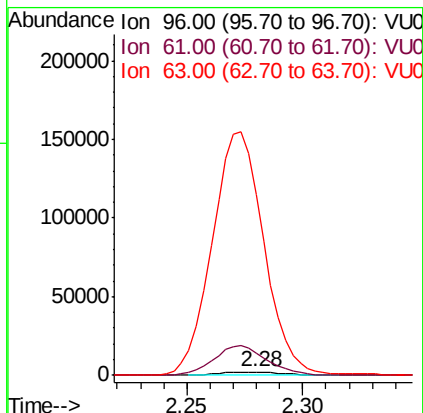
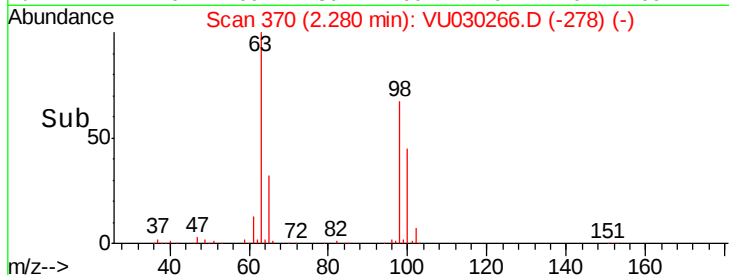
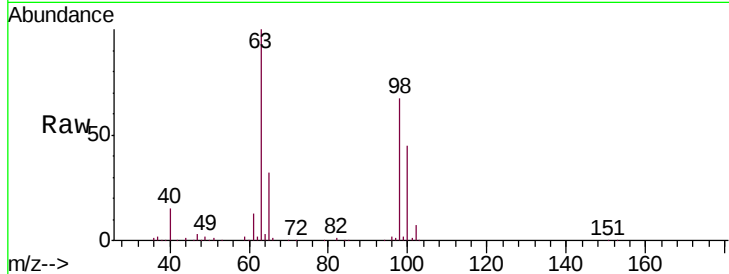




#12
 1,1-Dichloroethene
 Concen: 1.107 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU030266.D
 Acq: 21 Mar 2019 15:24

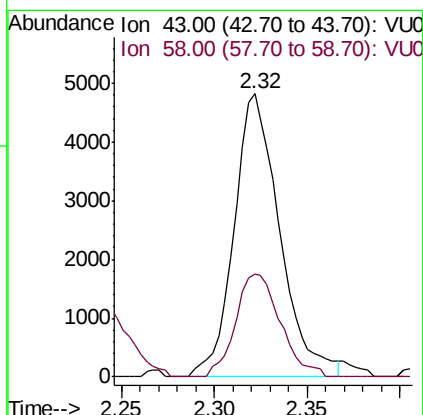
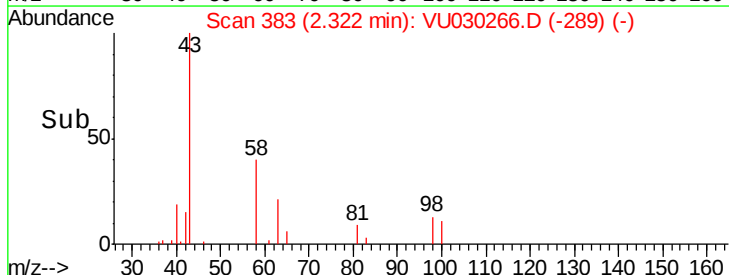
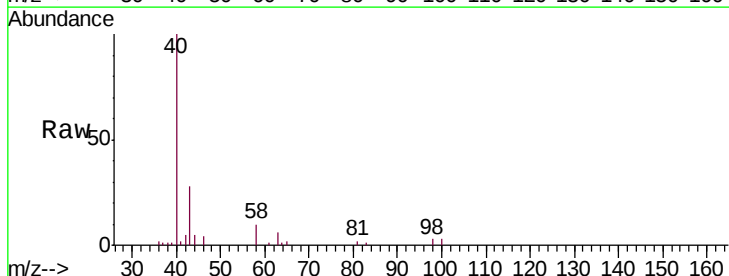
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1D5

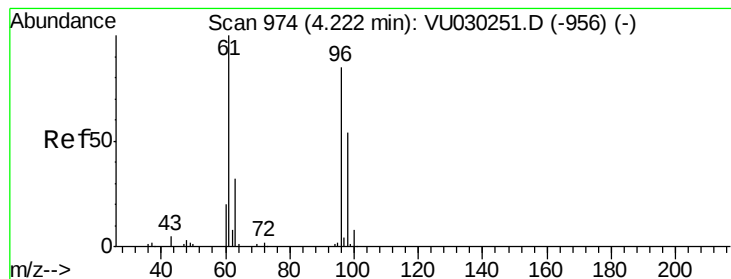
Tgt Ion: 96 Resp: 4088
 Ion Ratio Lower Upper
 96 100
 61 650.0 104.6 194.2#
 63 5162.8 77.2 143.4#



#13
 Acetone
 Concen: 2.854 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU030266.D
 Acq: 21 Mar 2019 15:24

Tgt Ion: 43 Resp: 8282
 Ion Ratio Lower Upper
 43 100
 58 35.6 0.0 73.4



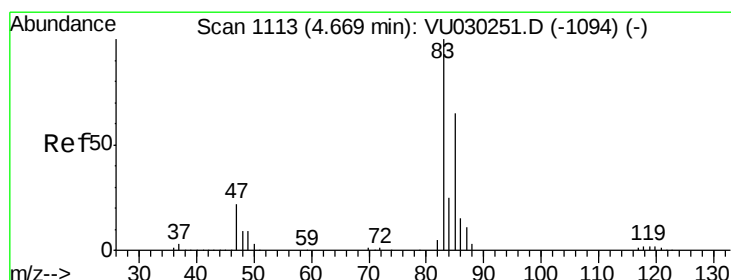
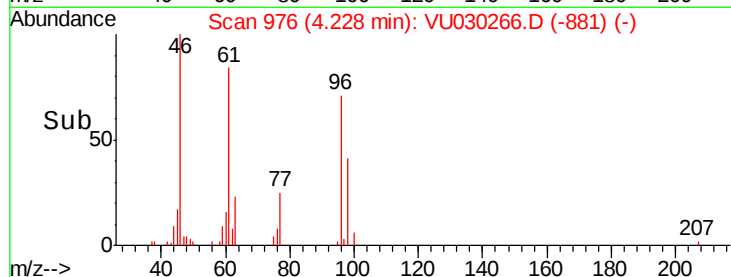
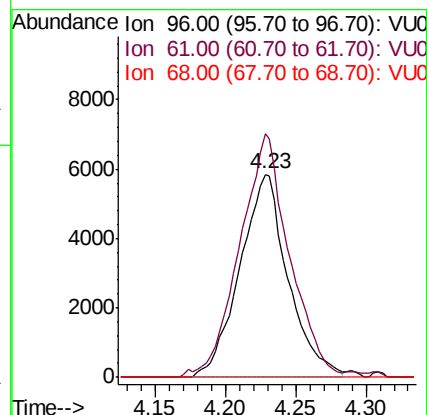
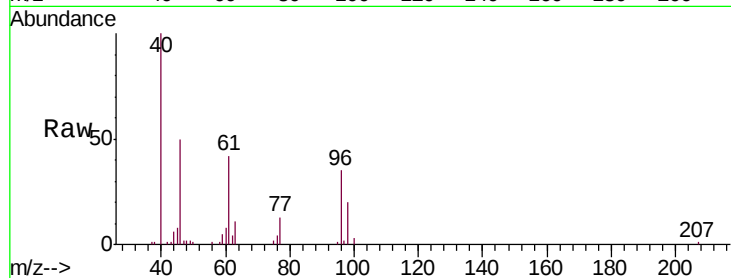


#20

cis-1,2-Dichloroethene
 Concen: 3.271 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU030266.D
 Acq: 21 Mar 2019 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1D5

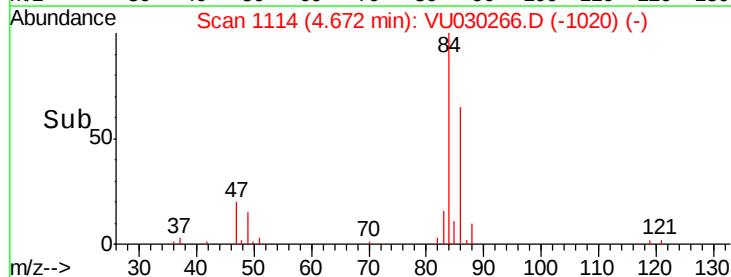
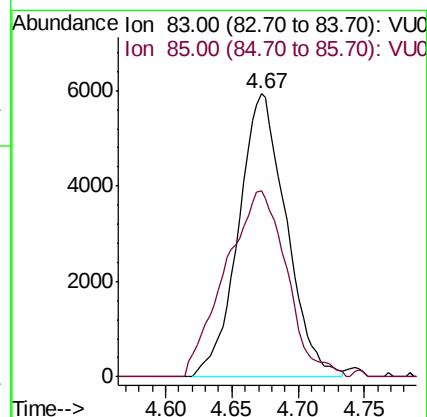
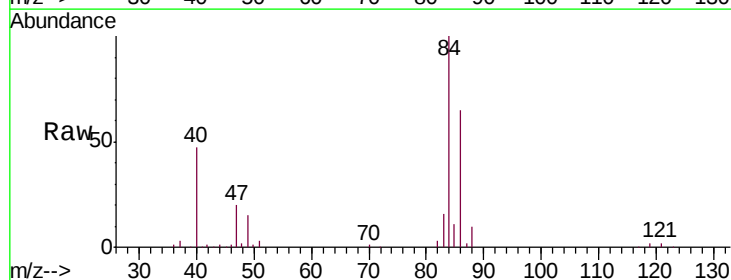
Tgt Ion: 96 Resp: 13952
 Ion Ratio Lower Upper
 96 100
 61 119.8 81.5 151.3
 68 0.0 0.0 0.0

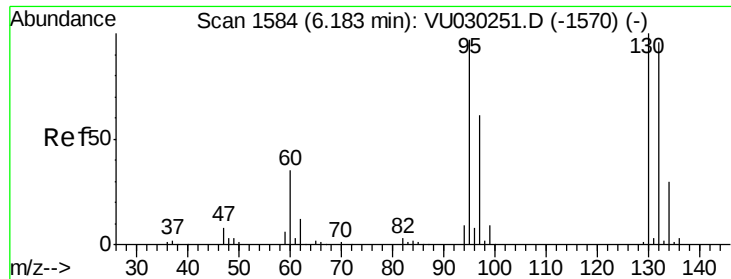


#25

Chloroform
 Concen: 2.135 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VU030266.D
 Acq: 21 Mar 2019 15:24

Tgt Ion: 83 Resp: 14890
 Ion Ratio Lower Upper
 83 100
 85 65.7 45.8 85.2

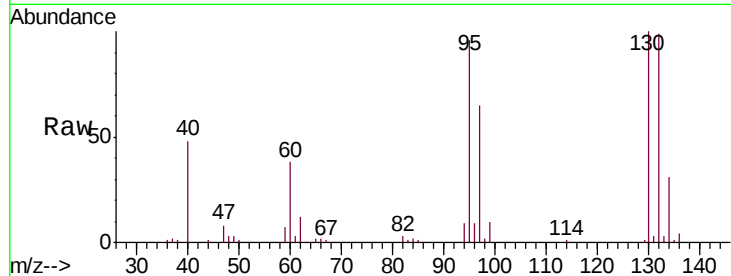




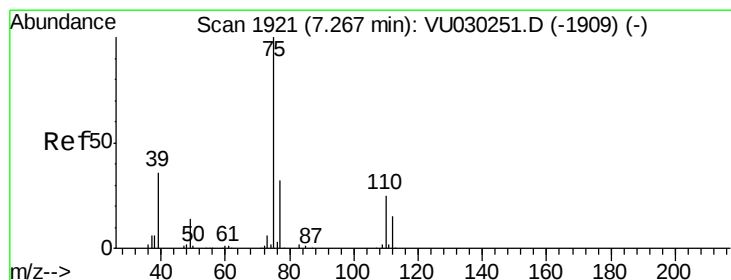
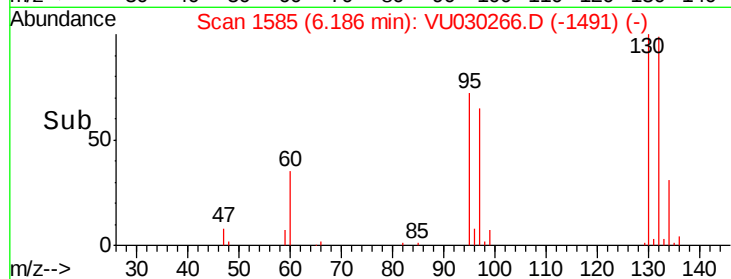
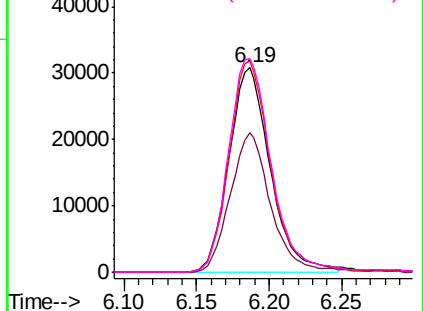
#34
 Trichloroethene
 Concen: 15.092 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030266.D
 Acq: 21 Mar 2019 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1D5

Tgt Ion: 95 Resp: 61223
 Ion Ratio Lower Upper
 95 100
 97 67.9 46.2 85.8
 132 103.1 69.3 128.7
 130 104.3 73.6 136.6

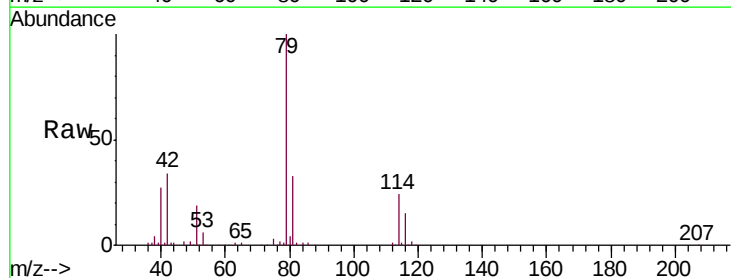


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

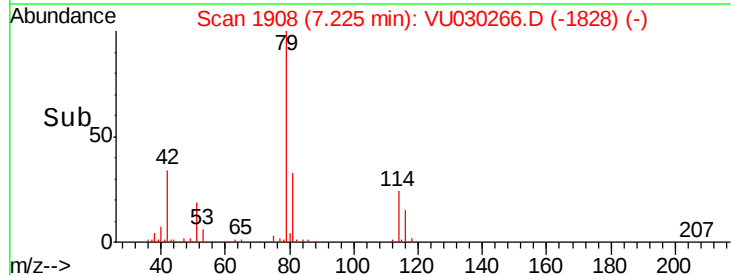
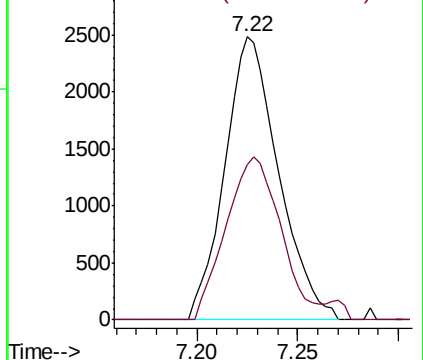


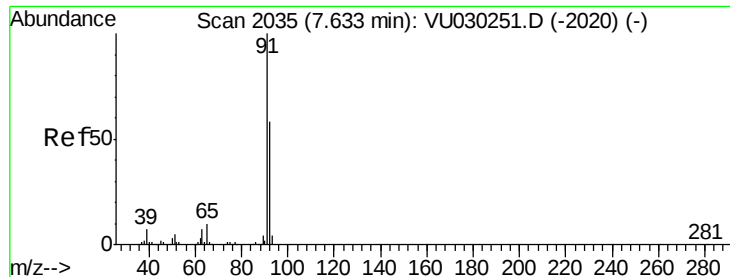
#39
 cis-1,3-Dichloropropene
 Concen: 0.731 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030266.D
 Acq: 21 Mar 2019 15:24

Tgt Ion: 75 Resp: 4623
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#42

Toluene

Concen: 0.619 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU030266.D

Acq: 21 Mar 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

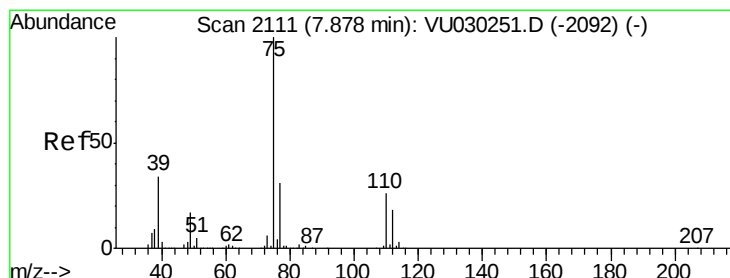
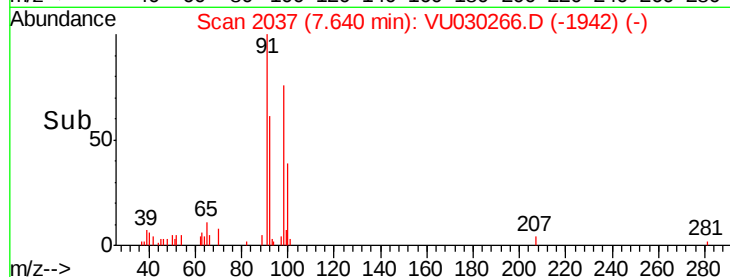
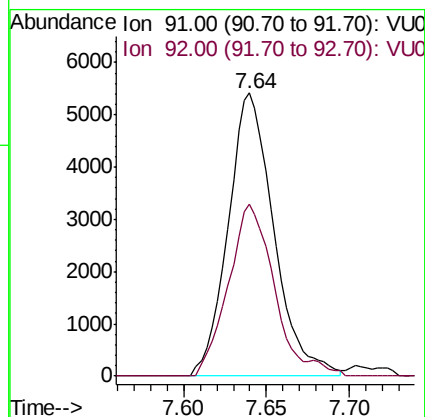
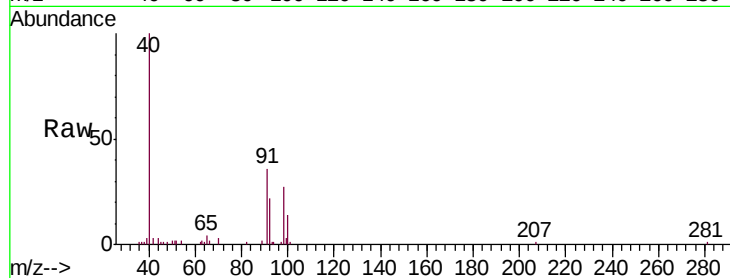
BF1D5

Tgt Ion: 91 Resp: 10365

Ion Ratio Lower Upper

91 100

92 60.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.633 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030266.D

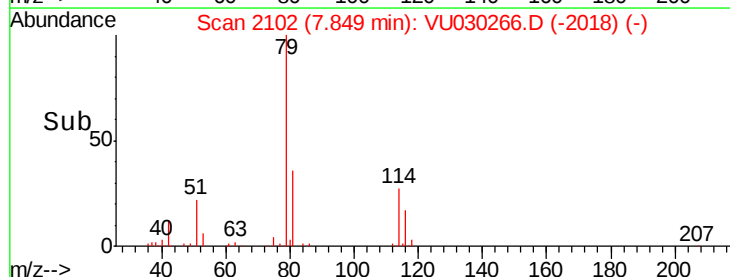
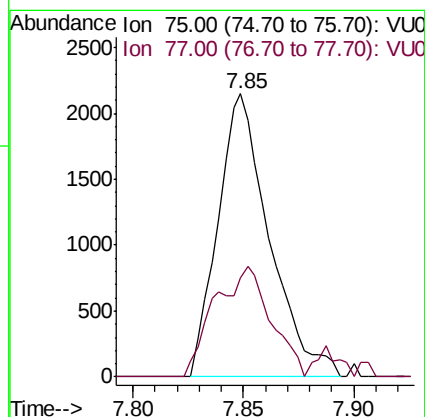
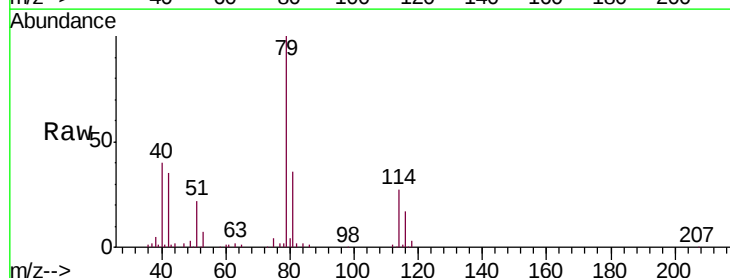
Acq: 21 Mar 2019 15:24

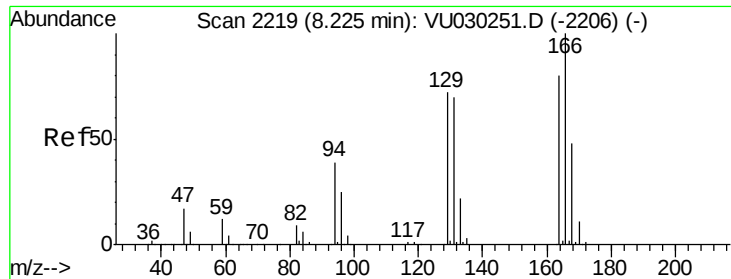
Tgt Ion: 75 Resp: 3465

Ion Ratio Lower Upper

75 100

77 34.9 22.7 42.1

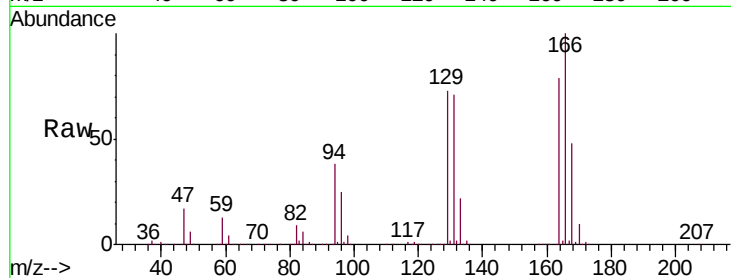




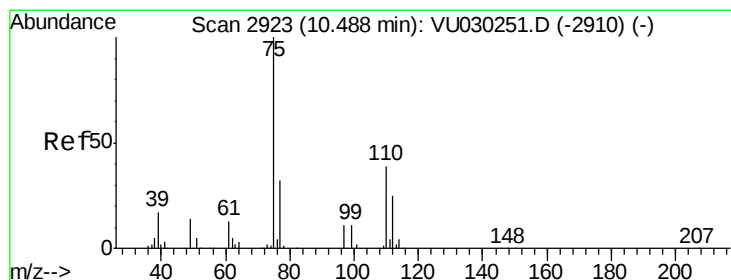
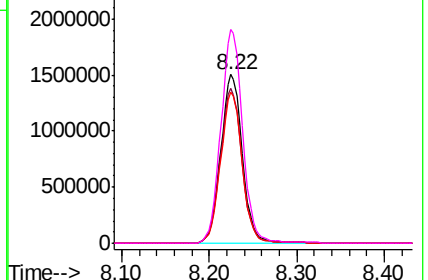
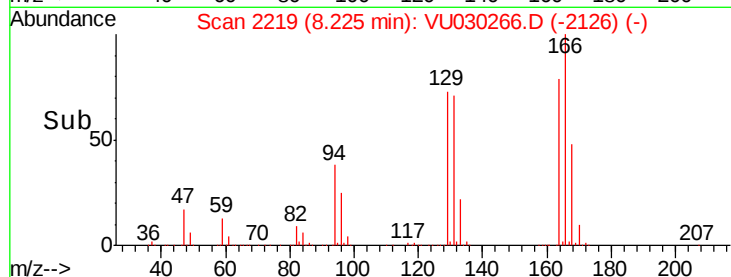
#46
Tetrachloroethene
Concen: 754.177 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030266.D
Acq: 21 Mar 2019 15:24

Instrument :
MSVOA_U
ClientSampleId :
BF1D5

Tgt Ion:164 Resp: 2585001
Ion Ratio Lower Upper
164 100
129 92.0 64.4 119.6
131 89.7 63.2 117.4
166 126.6 89.5 166.1

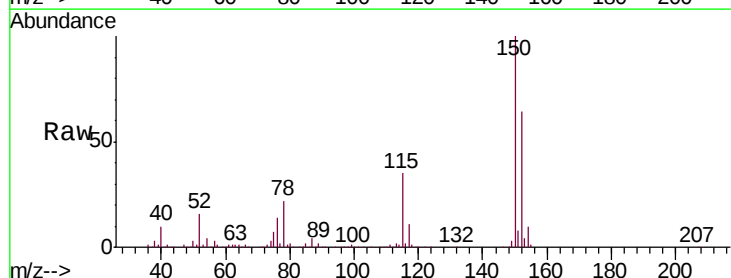


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 4.996 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030266.D
Acq: 21 Mar 2019 15:24

Tgt Ion: 75 Resp: 26615
Ion Ratio Lower Upper
75 100
77 35.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

