

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101518\
 Data File : VU027657.D
 Acq On : 15 Oct 2018 11:13
 Operator : MD/SY
 Sample : J5403-14DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0903DL

Quant Time: Oct 16 07:47:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 16 07:44:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	188360	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172004	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63647	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64064	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.44%
7) Chloroethane-d5	1.68	69	55087	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.48%
11) 1,1-Dichloroethene-d2	2.27	63	95519	34.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.70%
21) 2-Butanone-d5	4.18	46	133855	111.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.86%
24) Chloroform-d	4.65	84	123462	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
26) 1,2-Dichloroethane-d4	5.31	65	87101	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
32) Benzene-d6	5.34	84	248489	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
36) 1,2-Dichloropropane-d6	6.33	67	89789	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.36%
41) Toluene-d8	7.57	98	201518	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.85	79	38171	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.82%
47) 2-Hexanone-d5	8.31	63	90124	105.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110774	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	66910	53.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.48%

Target Compounds

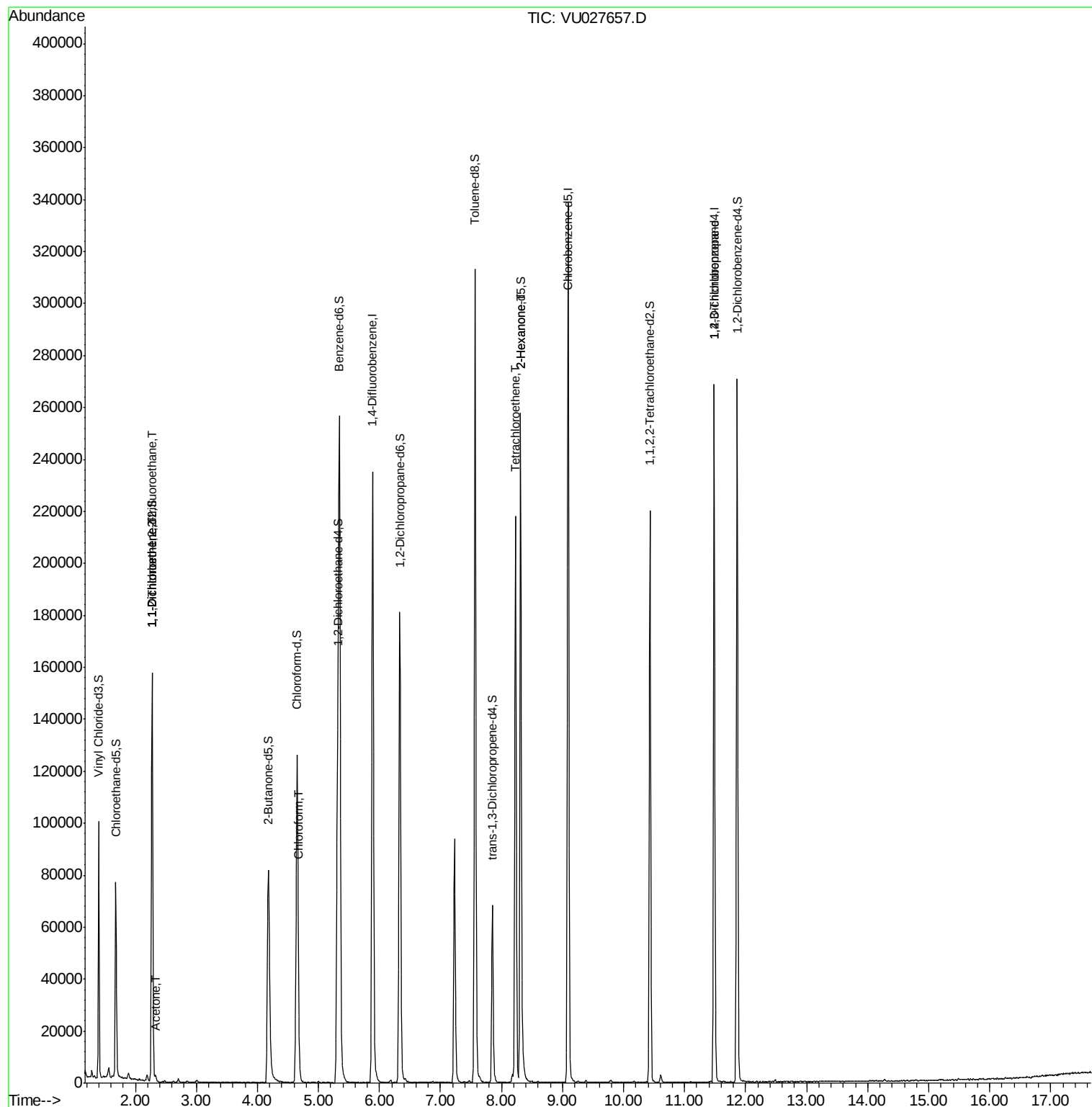
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	898	0.720 ug/L #	26
12) 1,1-Dichloroethene	2.28	96	800	0.657 ug/L #	1
13) Acetone	2.32	43	1070	1.090 ug/L	64
25) Chloroform	4.68	83	5236	1.948 ug/L	97
46) Tetrachloroethene	8.23	164	47604	47.121 ug/L	99
48) 2-Hexanone	8.31	43	11375	6.007 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	9236	4.982 ug/L	92

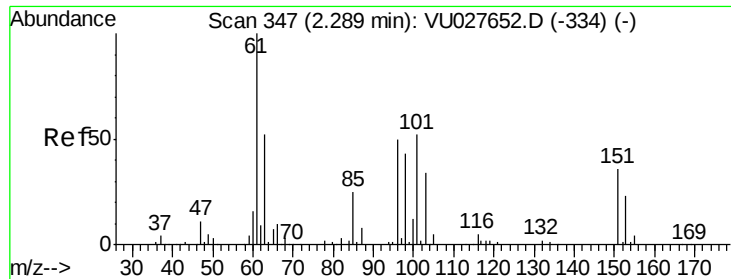
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.720 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027657.D

Acq: 15 Oct 2018 11:13

Instrument :

MSVOA_U

ClientSampleId :

C0903DL

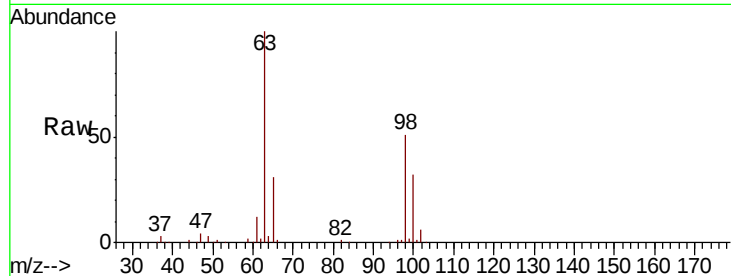
Tgt Ion:101 Resp: 898

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

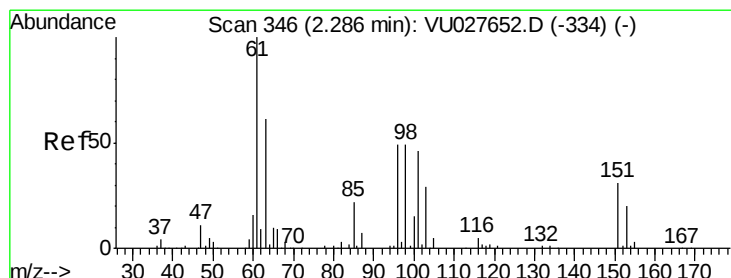
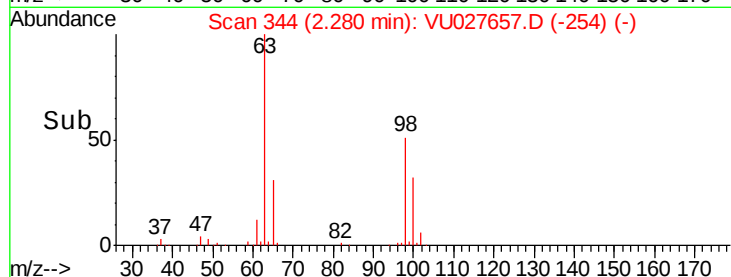
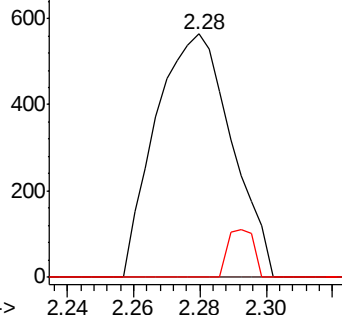
151 6.8 55.7 83.5#



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: 0.657 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027657.D

Acq: 15 Oct 2018 11:13

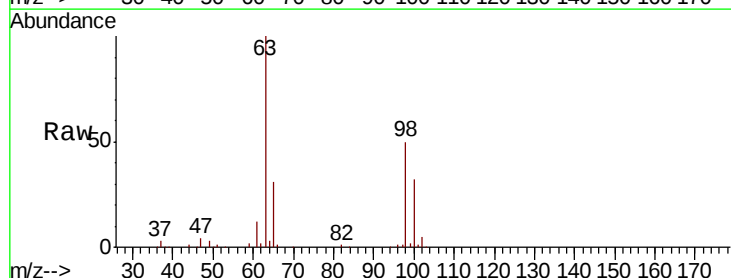
Tgt Ion: 96 Resp: 800

Ion Ratio Lower Upper

96 100

61 1599.1 135.2 251.0#

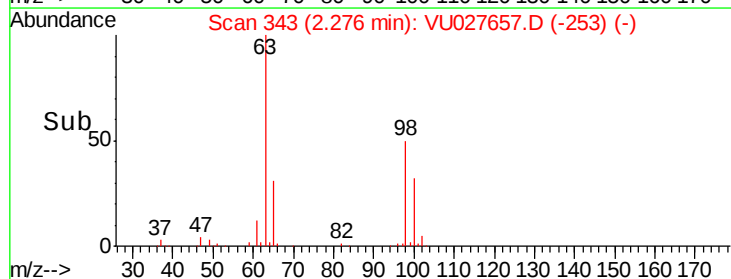
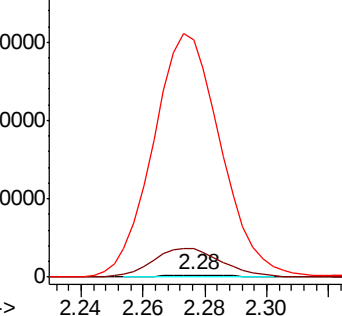
63 13509.1 94.3 175.1#

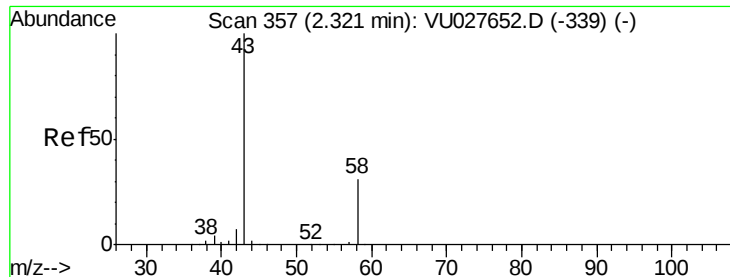


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.090 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027657.D

Acq: 15 Oct 2018 11:13

Instrument :

MSVOA_U

ClientSampleId :

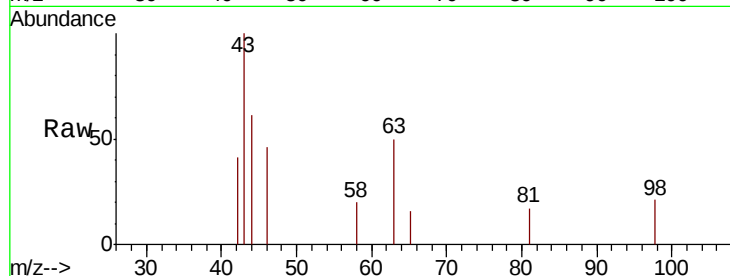
C0903DL

Tgt Ion: 43 Resp: 1070

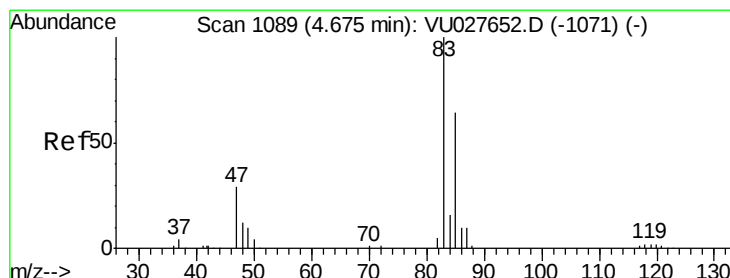
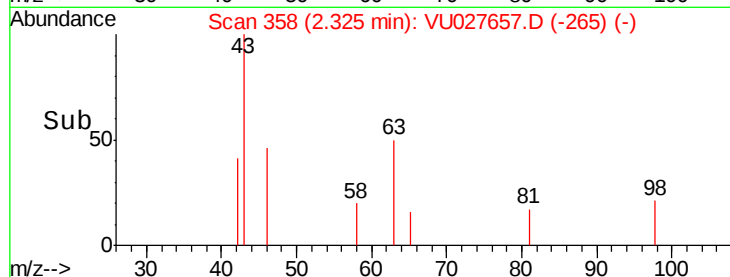
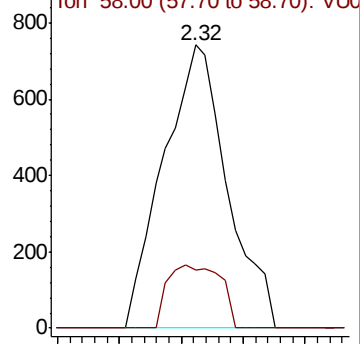
Ion Ratio Lower Upper

43 100

58 10.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0



#25

Chloroform

Concen: 1.948 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027657.D

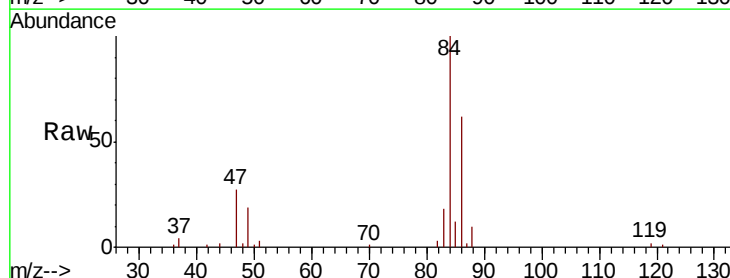
Acq: 15 Oct 2018 11:13

Tgt Ion: 83 Resp: 5236

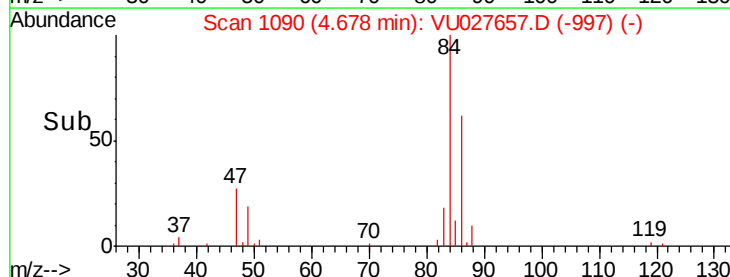
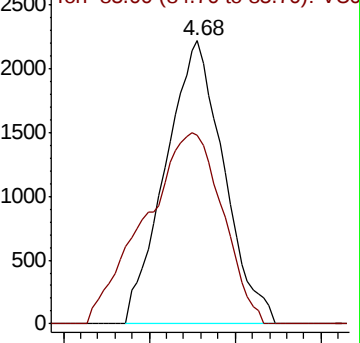
Ion Ratio Lower Upper

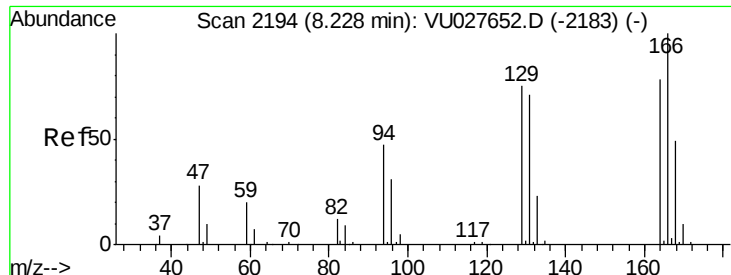
83 100

85 66.6 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

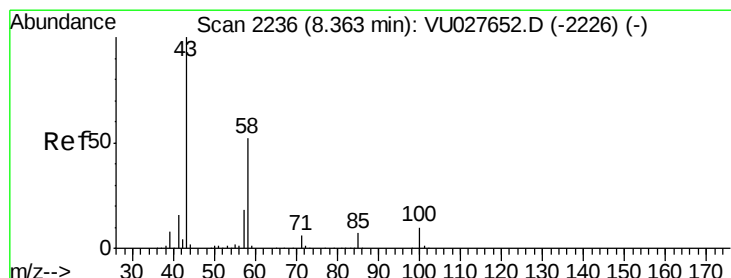
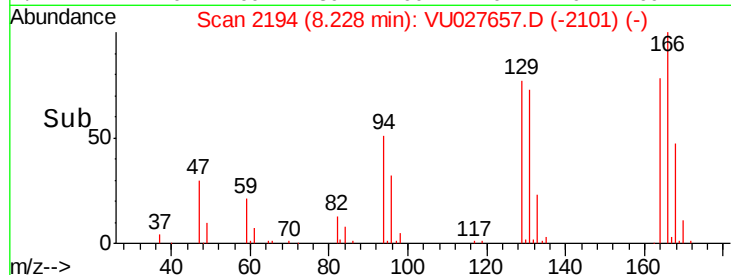
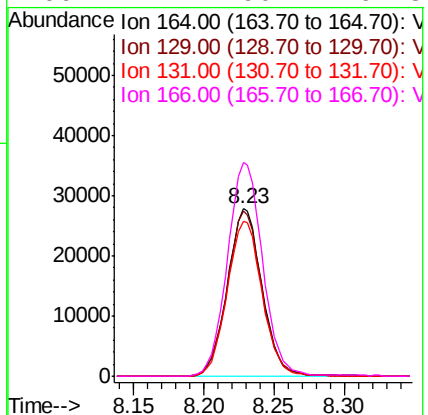
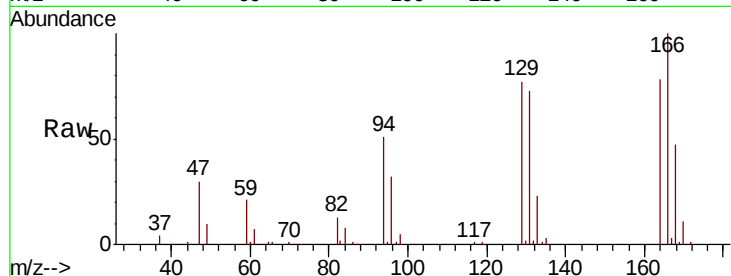




#46
Tetrachloroethene
Concen: 47.121 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027657.D
Acq: 15 Oct 2018 11:13

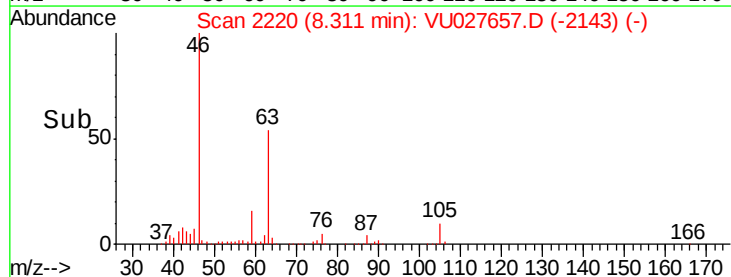
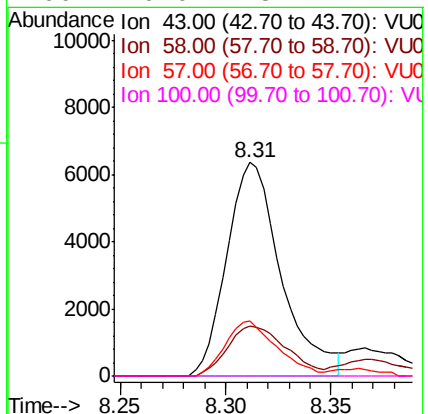
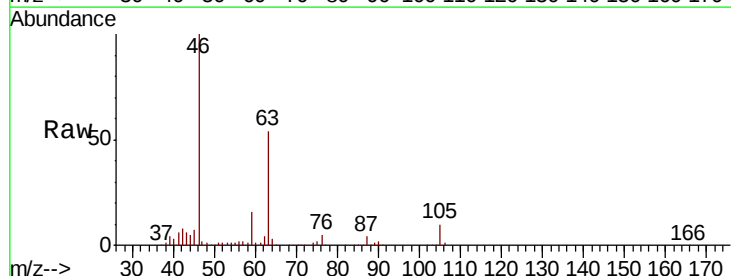
Instrument :
MSVOA_U
ClientSampled :
C0903DL

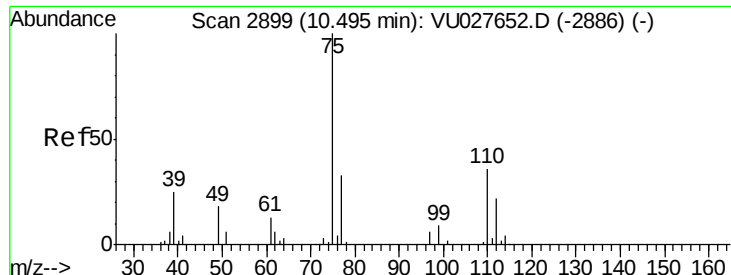
Tgt Ion:164 Resp: 47604
Ion Ratio Lower Upper
164 100
129 98.7 67.0 124.4
131 92.9 65.1 120.9
166 127.7 90.4 167.8



#48
2-Hexanone
Concen: 6.007 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027657.D
Acq: 15 Oct 2018 11:13

Tgt Ion: 43 Resp: 11375
Ion Ratio Lower Upper
43 100
58 25.3 42.7 64.1#
57 24.5 14.5 21.7#
100 0.0 8.2 12.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.982 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU027657.D
 Acq: 15 Oct 2018 11:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0903DL

Tgt Ion: 75 Resp: 9236
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.7 38.5

