

Data File : VU029049.D
Acq On : 07 Jan 2019 10:51
Operator : MD/SY
Sample : K1048-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0951

Quant Time: Jan 08 01:40:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 01:37:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	168461	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66847	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70308	52.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.12%
7) Chloroethane-d5	1.67	69	54527	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.54%
11) 1,1-Dichloroethene-d2	2.27	63	89902	39.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.16%
21) 2-Butanone-d5	4.18	46	94000	99.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	4.65	84	108162	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
26) 1,2-Dichloroethane-d4	5.31	65	68109	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
32) Benzene-d6	5.34	84	239583	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.38%
36) 1,2-Dichloropropane-d6	6.33	67	81205	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.14%
41) Toluene-d8	7.56	98	212421	52.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.08%
43) trans-1,3-Dichloropropene-	7.85	79	35832	52.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.52%
47) 2-Hexanone-d5	8.31	63	67401	92.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107919	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	72719	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

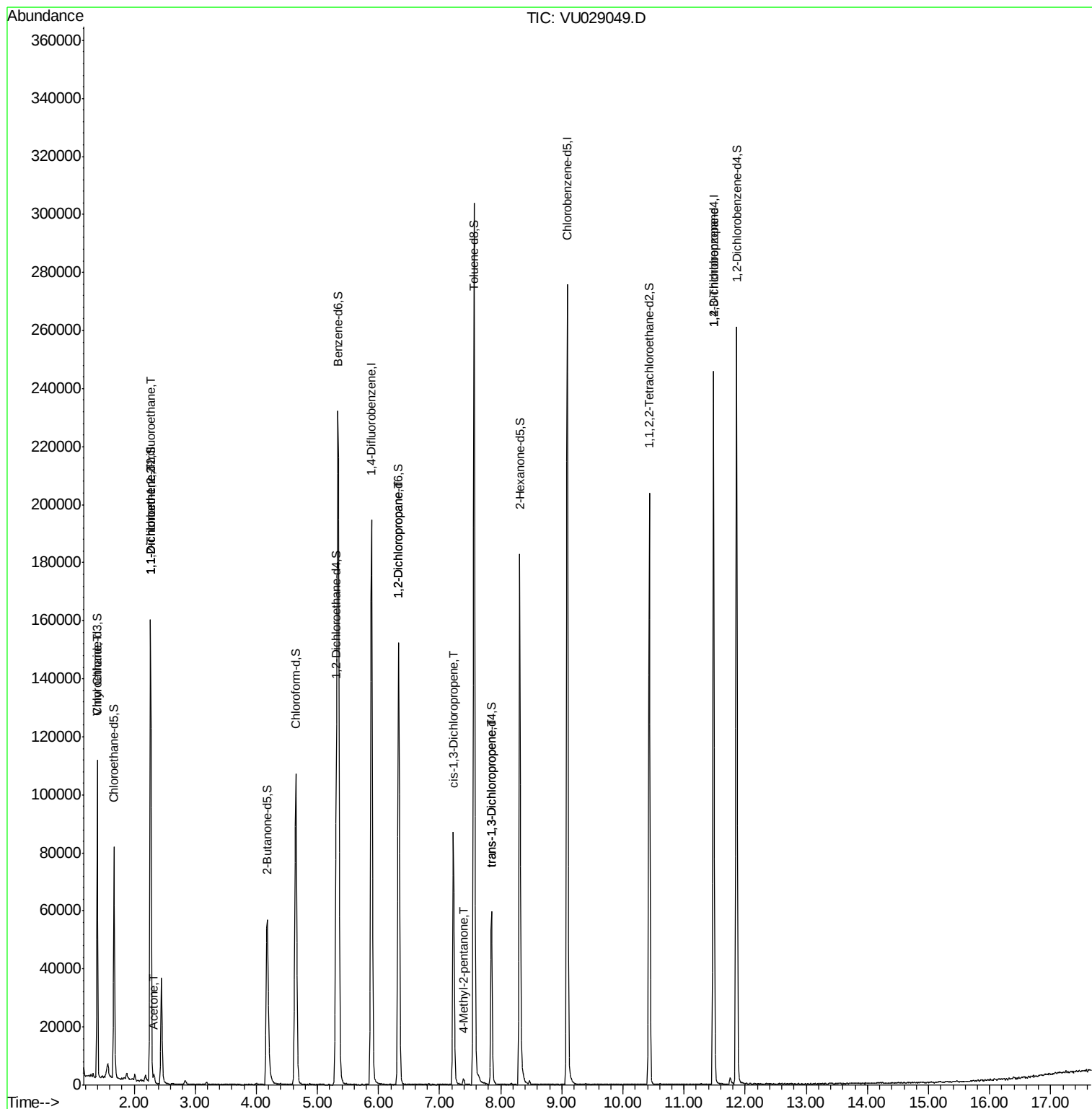
					Qvalue
8) Chloroethane	1.40	64	1026	1.089 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	733	0.671 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	839	0.777 ug/L #	1
13) Acetone	2.32	43	2401	2.490 ug/L	95
37) 1,2-Dichloropropane	6.33	63	7518	5.299 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1833	0.906 ug/L #	47
40) 4-Methyl-2-pentanone	7.39	43	1160	0.608 ug/L #	42
44) trans-1,3-Dichloropropene	7.85	75	1251	0.694 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	8034	4.745 ug/L	99

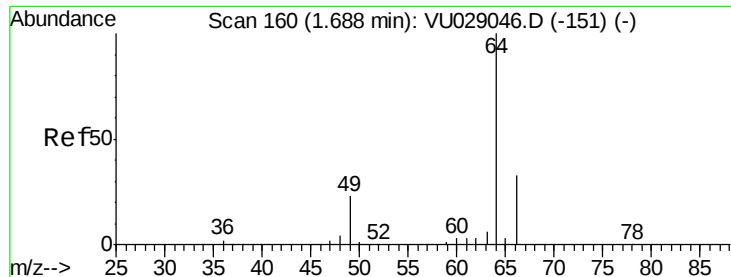
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.089 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU029049.D

Acq: 07 Jan 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

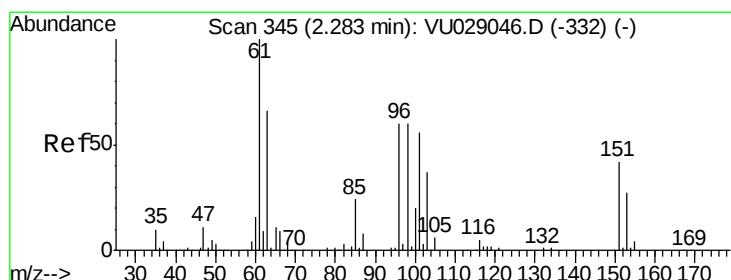
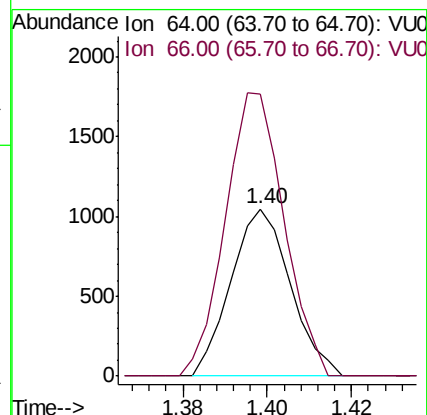
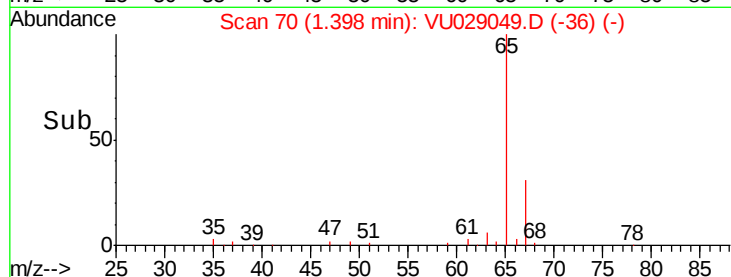
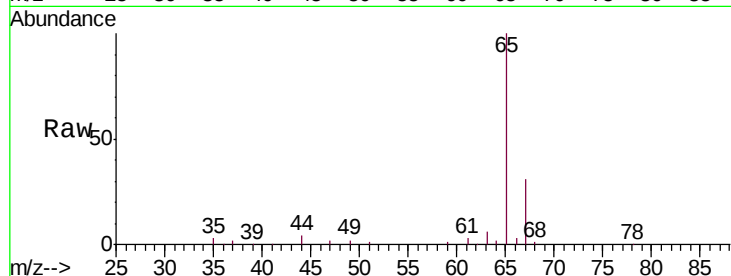
C0951

Tgt Ion: 64 Resp: 1026

Ion Ratio Lower Upper

64 100

66 168.6 21.5 39.9#



#10

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

Concen: 0.671 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU029049.D

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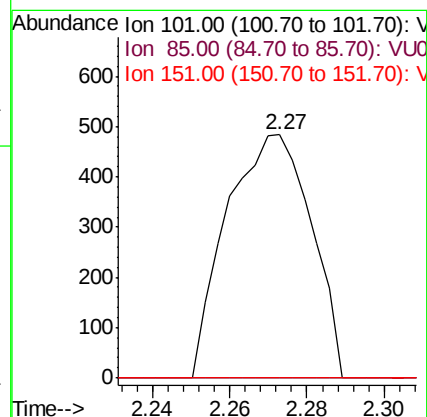
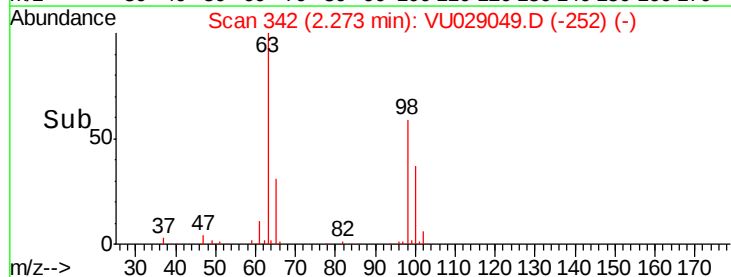
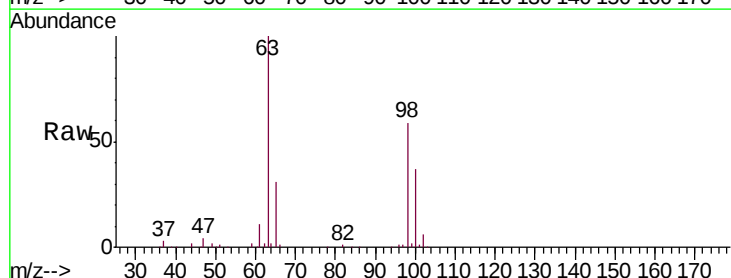
Tgt Ion: 101 Resp: 733

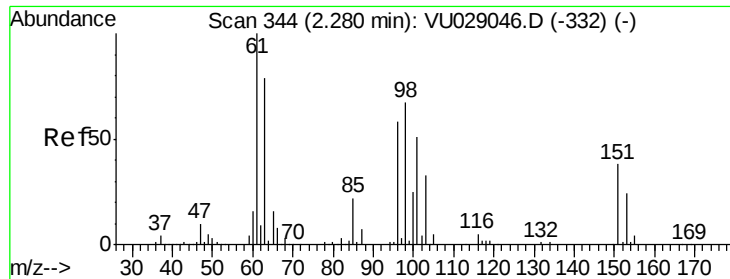
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 59.4 89.0#





#12

1,1-Dichloroethene

Concen: 0.777 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU029049.D

Acq: 07 Jan 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

C0951

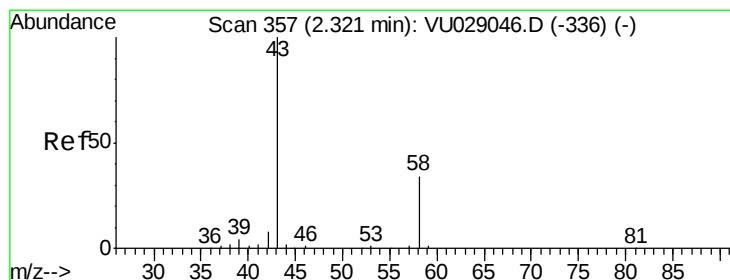
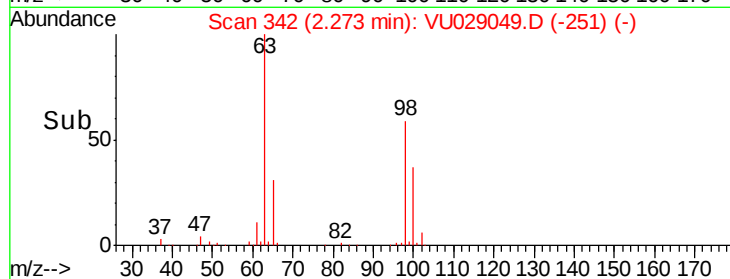
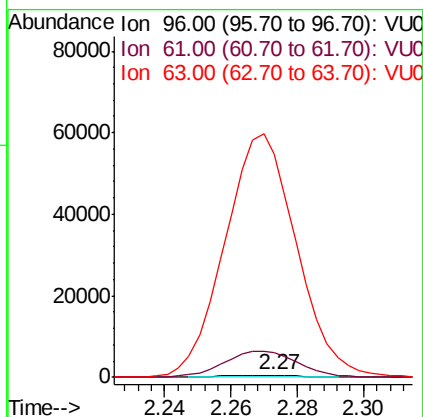
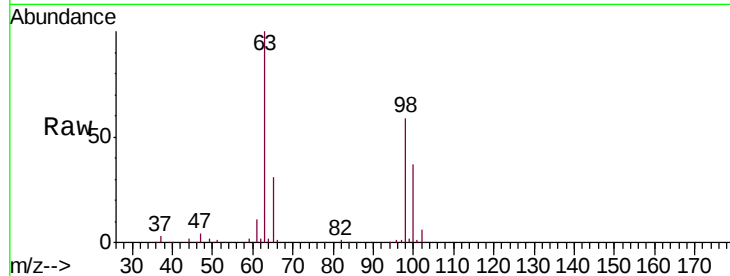
Tgt Ion: 96 Resp: 839

Ion Ratio Lower Upper

96 100

61 1152.3 119.3 221.5#

63 10625.7 107.4 199.6#



#13

Acetone

Concen: 2.490 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029049.D

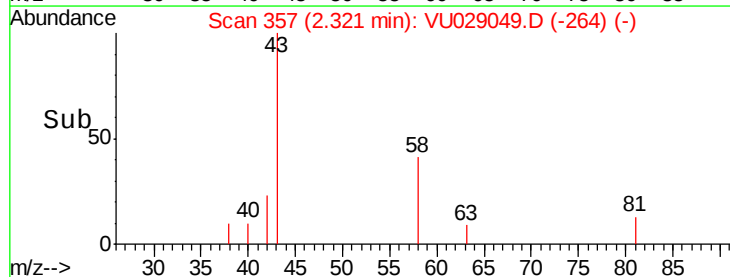
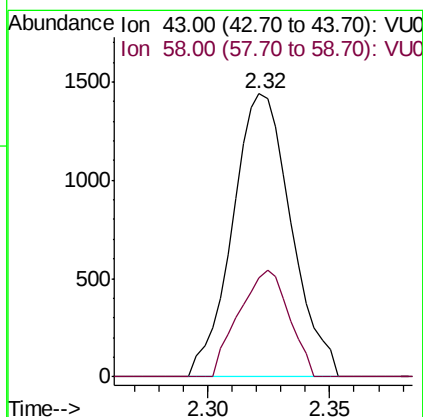
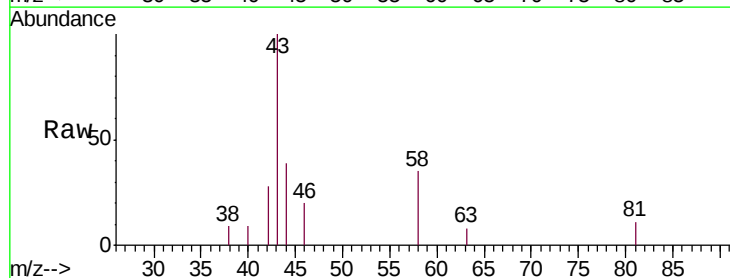
Acq: 07 Jan 2019 10:51

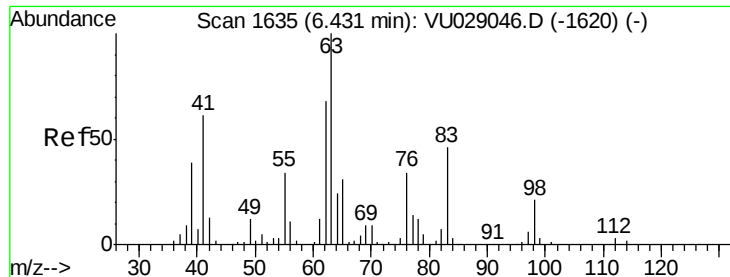
Tgt Ion: 43 Resp: 2401

Ion Ratio Lower Upper

43 100

58 32.3 0.0 70.2

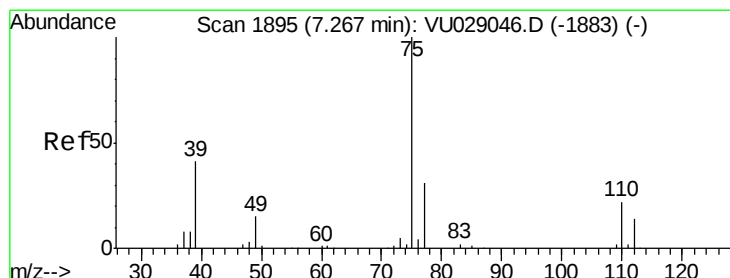
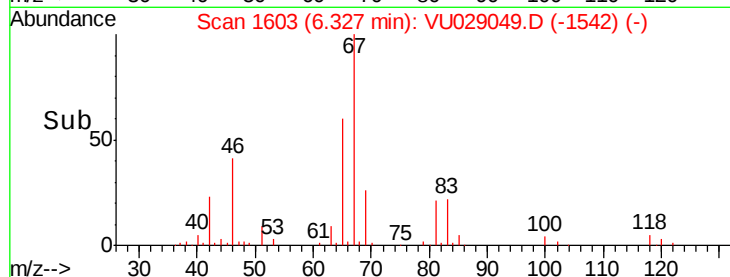
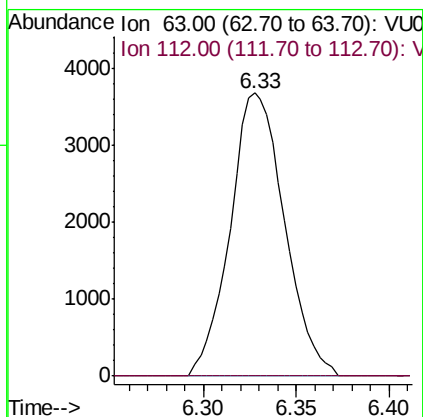
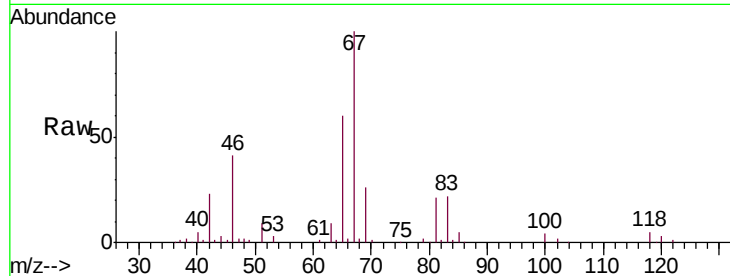




#37
 1,2-Dichloropropane
 Concen: 5.299 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU029049.D
 Acq: 07 Jan 2019 10:51

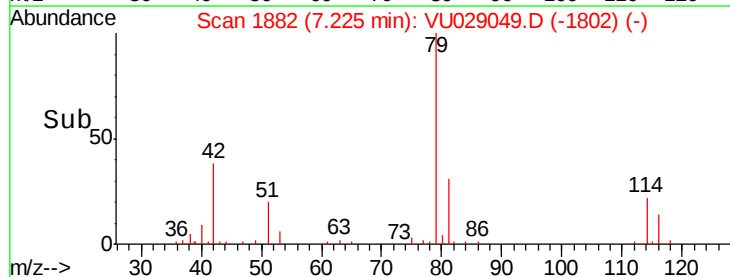
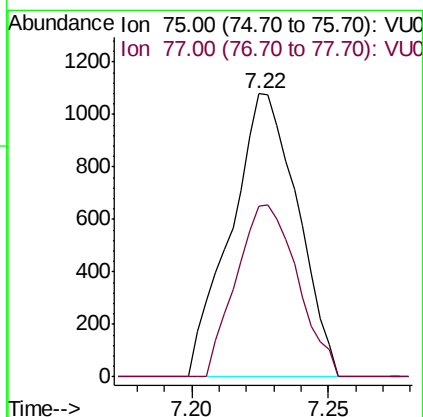
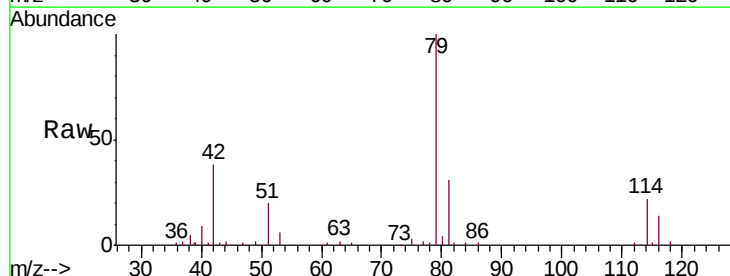
Instrument :
 MSVOA_U
 ClientSampleId :
 C0951

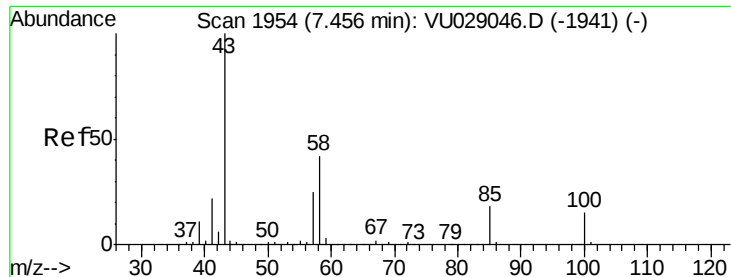
Tgt Ion: 63 Resp: 7518
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.906 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029049.D
 Acq: 07 Jan 2019 10:51

Tgt Ion: 75 Resp: 1833
 Ion Ratio Lower Upper
 75 100
 77 60.4 21.8 40.6#

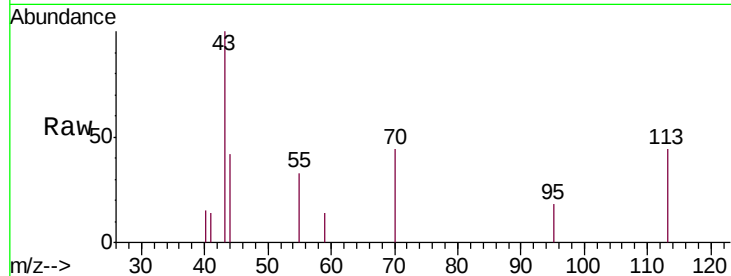




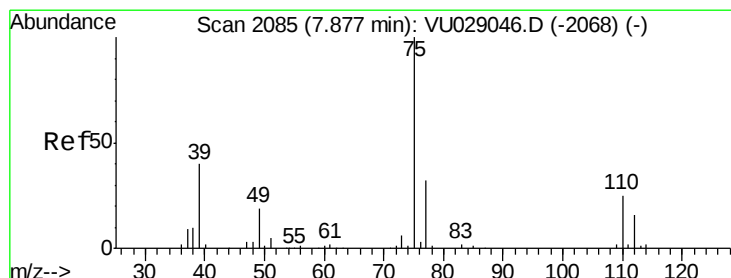
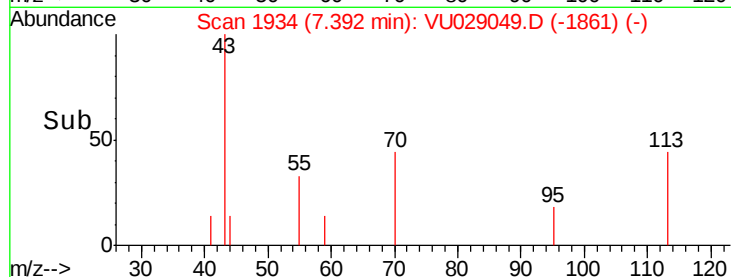
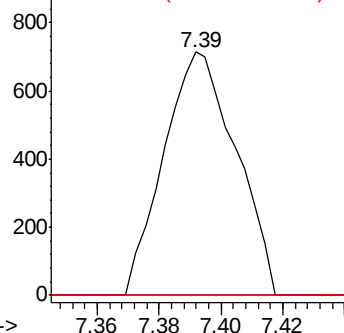
#40
4-Methyl-2-pentanone
Concen: 0.608 ug/L
RT: 7.39 min Scan# 1934
Delta R.T. -0.06 min
Lab File: VU029049.D
Acq: 07 Jan 2019 10:51

Instrument :
MSVOA_U
ClientSampled :
C0951

Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#
100 0.0 11.5 17.3#

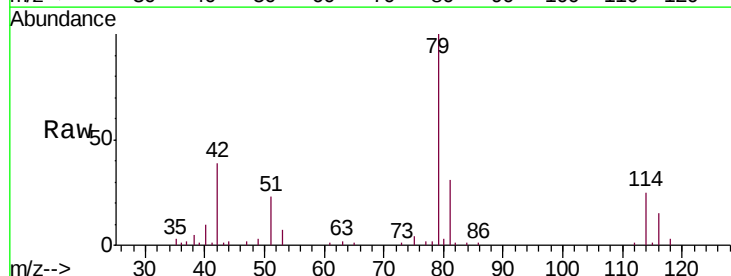


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

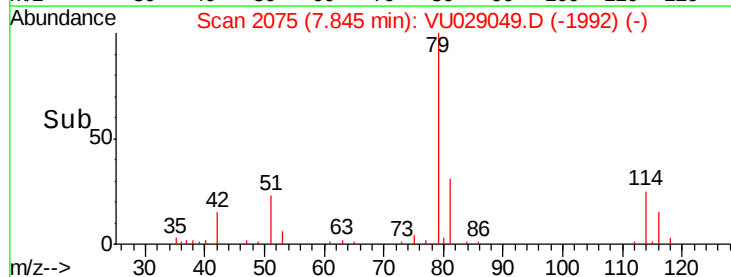
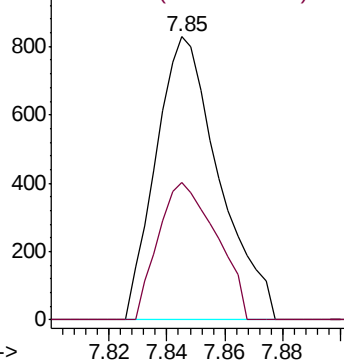


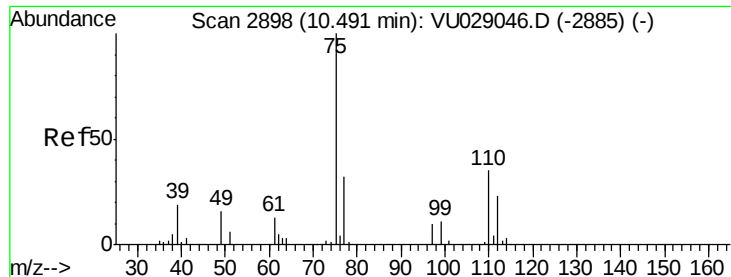
#44
trans-1,3-Dichloropropene
Concen: 0.694 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU029049.D
Acq: 07 Jan 2019 10:51

Tgt Ion: 75 Resp: 1251
Ion Ratio Lower Upper
75 100
77 48.7 21.8 40.6#



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





#59

1,2,3-Trichloropropane

Concen: 4.745 ug/L

RT: 11.48 min Scan# 3205

Delta R.T. 0.99 min

Lab File: VU029049.D

Acq: 07 Jan 2019 10:51

Instrument :

MSVOA_U

ClientSampleId :

C0951

Tgt Ion: 75 Resp: 8034

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

