

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028533.D
 Acq On : 07 Dec 2018 15:47
 Operator : MD/SY
 Sample : J6299-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F42

Quant Time: Dec 07 22:57:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 22:52:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	121048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	114372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52382	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61828	56.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.68%
7) Chloroethane-d5	1.68	69	48093	57.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.46%
11) 1,1-Dichloroethene-d2	2.27	63	83995	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
21) 2-Butanone-d5	4.18	46	110050	124.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.37%
24) Chloroform-d	4.65	84	100685	57.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.42%
26) 1,2-Dichloroethane-d4	5.31	65	68049	57.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.90%
32) Benzene-d6	5.34	84	210679	59.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.78%
36) 1,2-Dichloropropane-d6	6.33	67	76956	60.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.30%#
41) Toluene-d8	7.57	98	184479	57.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.76%
43) trans-1,3-Dichloropropene-	7.85	79	34106	58.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.74%
47) 2-Hexanone-d5	8.31	63	76622	124.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96474	58.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	64923	62.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.06%#

Target Compounds

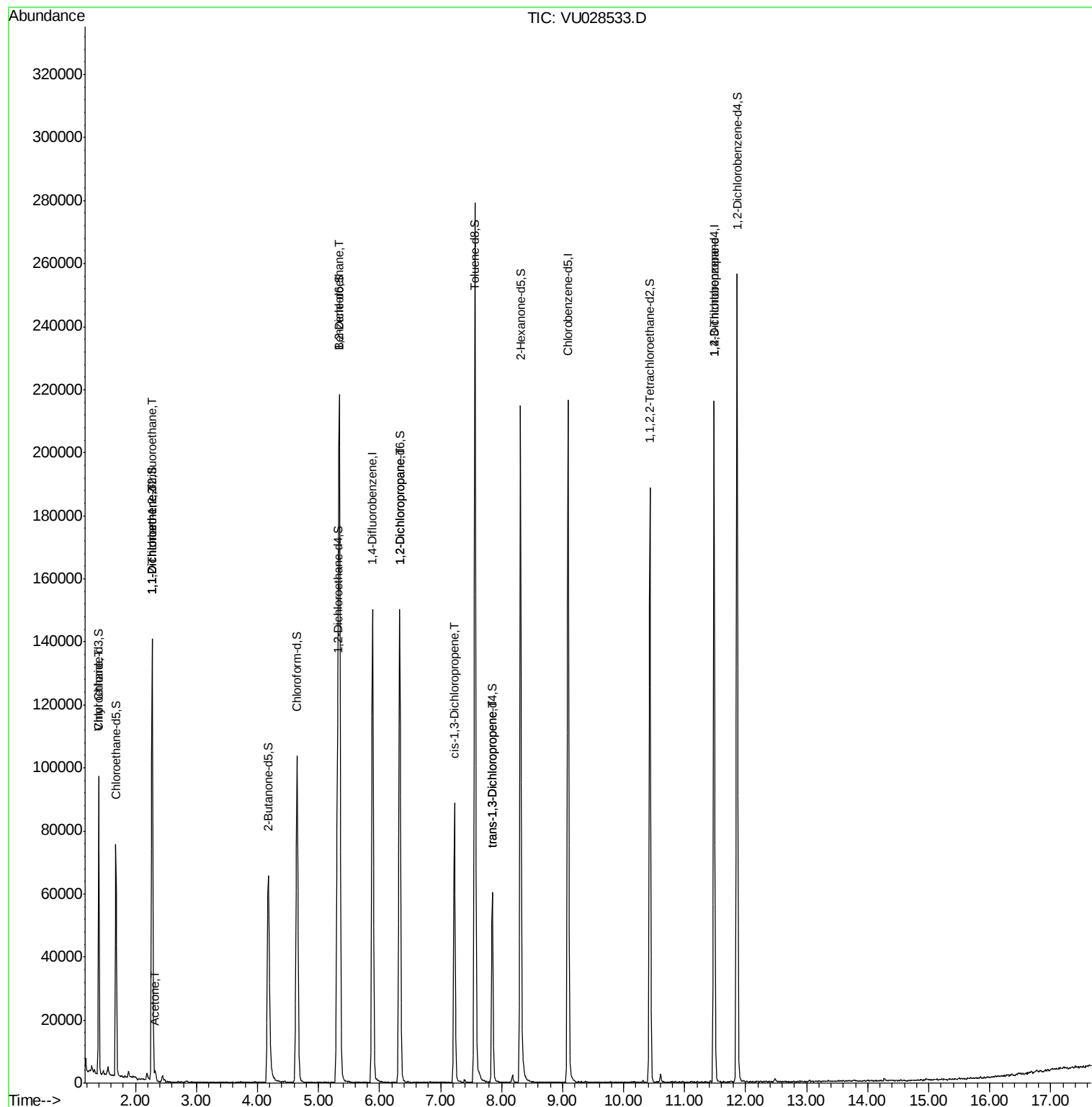
					Qvalue
8) Chloroethane	1.40	64	871	1.177 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	626	0.793 ug/L #	21
12) 1,1-Dichloroethene	2.28	96	614	0.811 ug/L #	1
13) Acetone	2.32	43	1725	1.873 ug/L	99
27) 1,2-Dichloroethane	5.34	62	1167	0.829 ug/L #	76
37) 1,2-Dichloropropane	6.33	63	7649	6.623 ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	1917	1.168 ug/L #	62
44) trans-1,3-Dichloropropene	7.85	75	1156	0.769 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	7814	5.950 ug/L	100

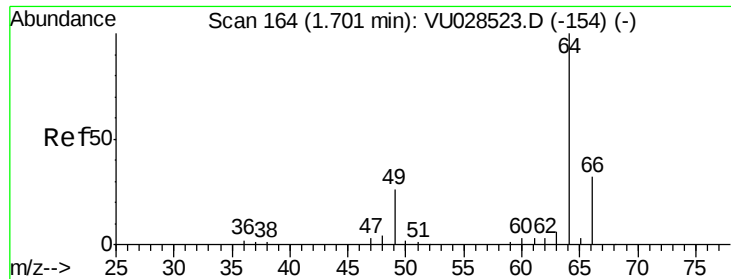
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU120718\
Data File : VU028533.D
Acq On : 07 Dec 2018 15:47
Operator : MD/SY
Sample : J6299-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F42

Quant Time: Dec 07 22:57:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 07 22:52:51 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.177 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.30 min

Lab File: VU028533.D

Acq: 07 Dec 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

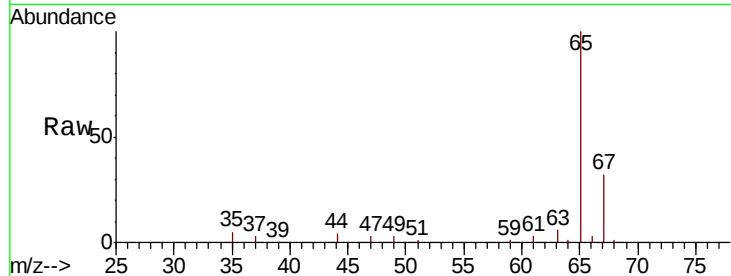
F9F42

Tgt Ion: 64 Resp: 871

Ion Ratio Lower Upper

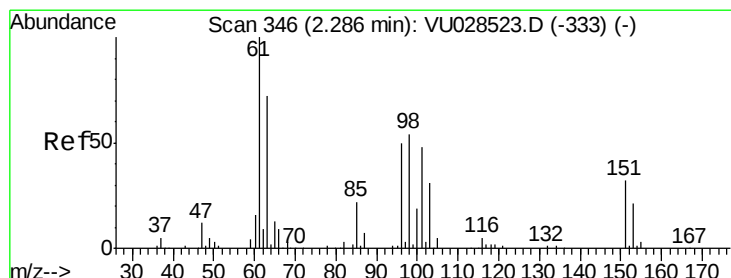
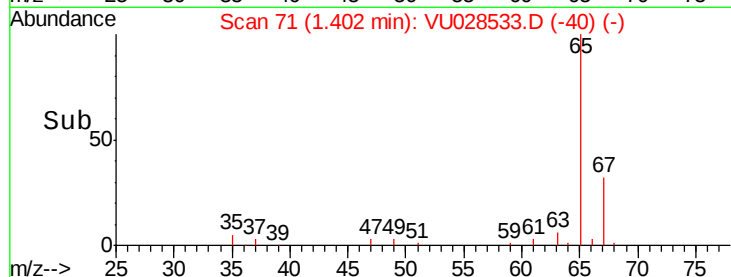
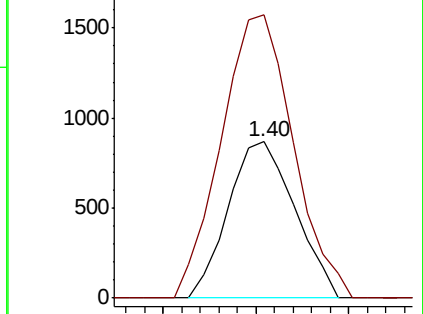
64 100

66 181.3 22.4 41.6#



Abundance Ion 64.00 (63.70 to 64.70): VU028533.D (-154) (-)

Ion 66.00 (65.70 to 66.70): VU028533.D (-154) (-)



#10

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

Concen: 0.793 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028533.D

Acq: 07 Dec 2018 15:47

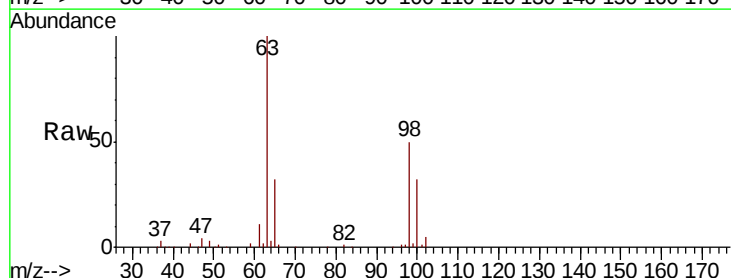
Tgt Ion: 101 Resp: 626

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

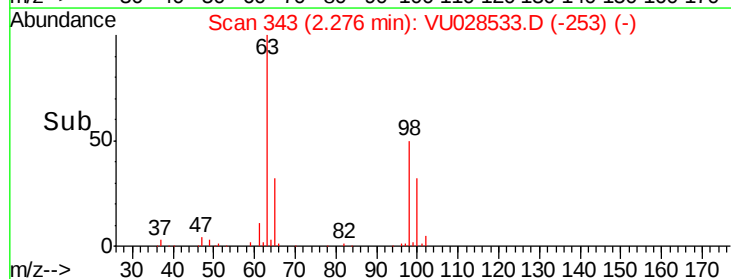
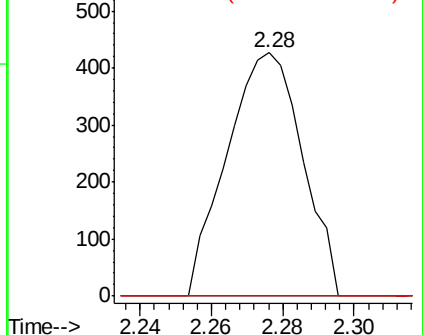
151 0.0 55.8 83.8#

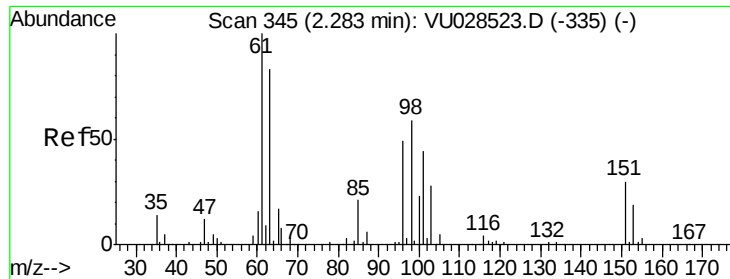


Abundance Ion 101.00 (100.70 to 101.70): VU028533.D (-333) (-)

Ion 85.00 (84.70 to 85.70): VU028533.D (-333) (-)

Ion 151.00 (150.70 to 151.70): VU028533.D (-333) (-)





#12

1,1-Dichloroethene

Concen: 0.811 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028533.D

Acq: 07 Dec 2018 15:47

Instrument :

MSVOA_U

ClientSampled :

F9F42

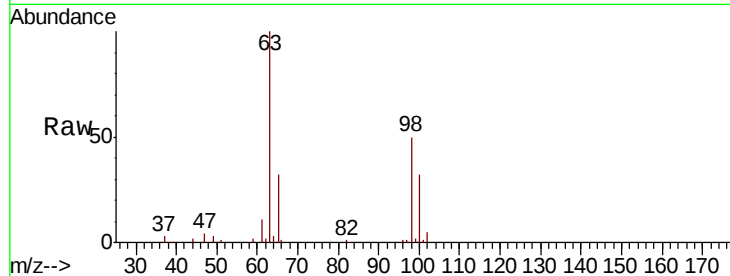
Tgt Ion: 96 Resp: 614

Ion Ratio Lower Upper

96 100

61 1393.0 143.2 266.0#

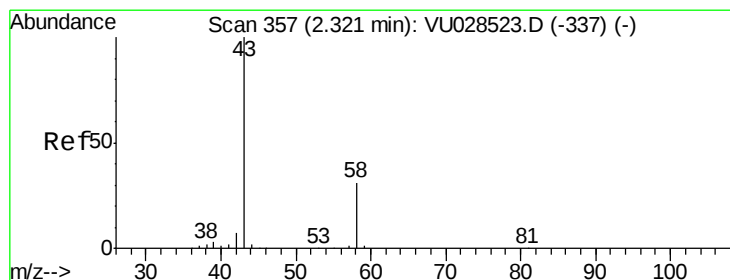
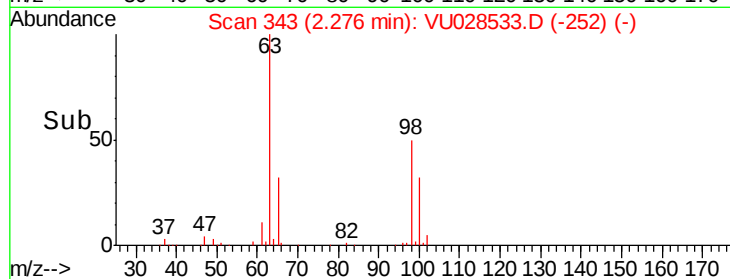
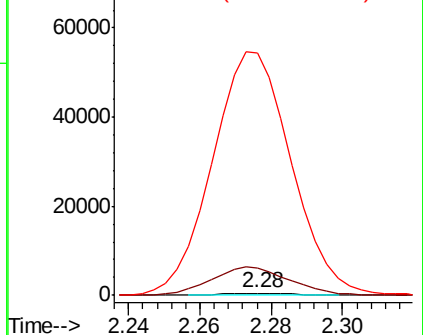
63 12270.3 130.1 241.7#



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: 1.873 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028533.D

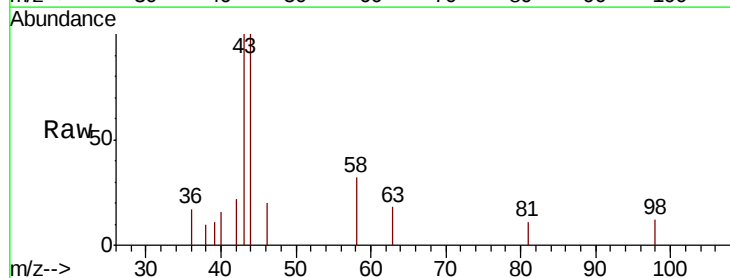
Acq: 07 Dec 2018 15:47

Tgt Ion: 43 Resp: 1725

Ion Ratio Lower Upper

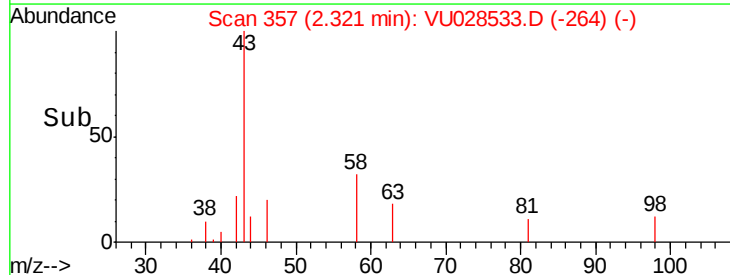
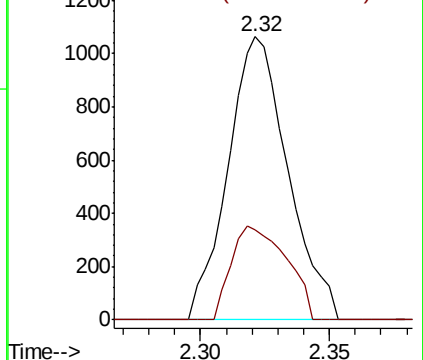
43 100

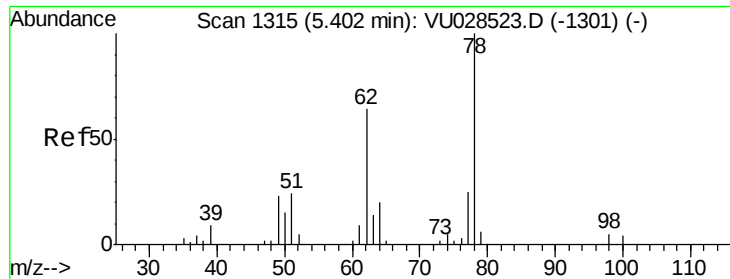
58 30.6 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

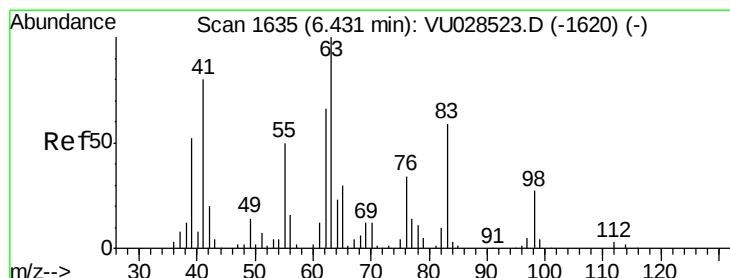
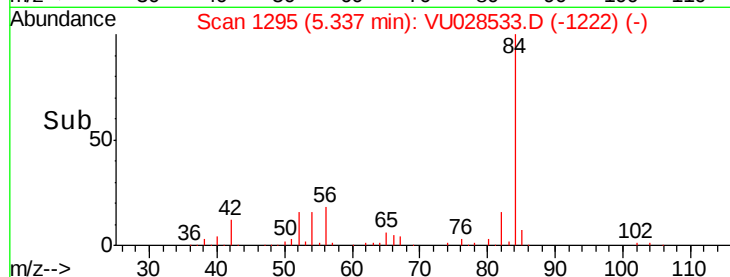
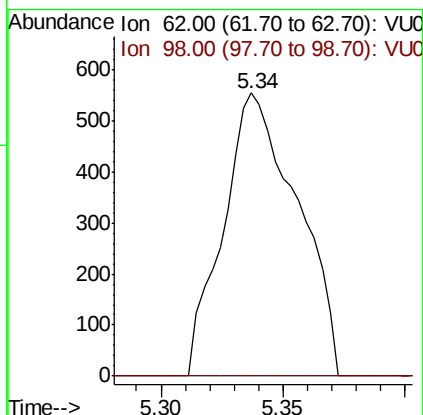
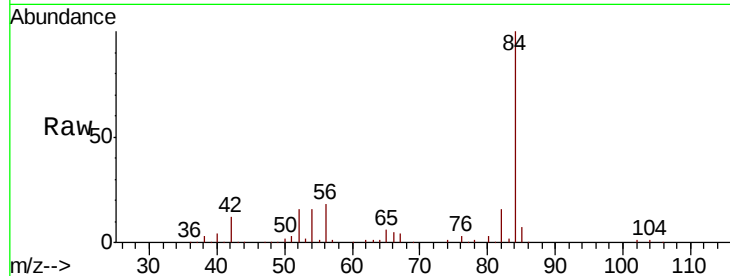




#27
 1,2-Dichloroethane
 Concen: 0.829 ug/L
 RT: 5.34 min Scan# 1295
 Delta R.T. -0.06 min
 Lab File: VU028533.D
 Acq: 07 Dec 2018 15:47

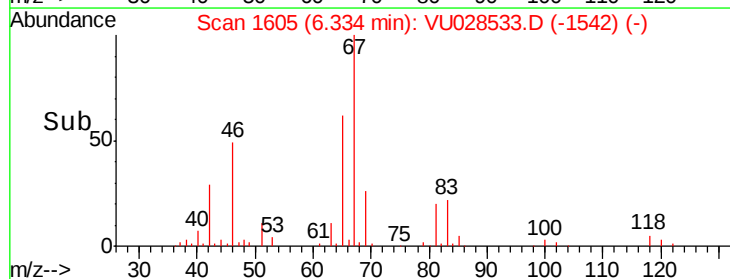
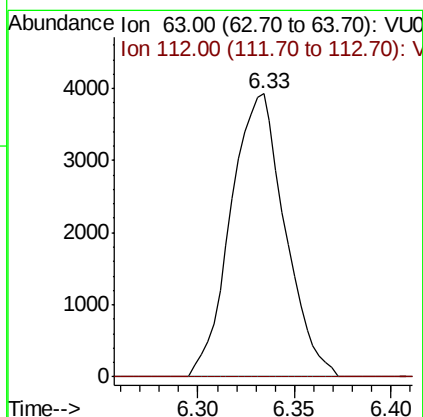
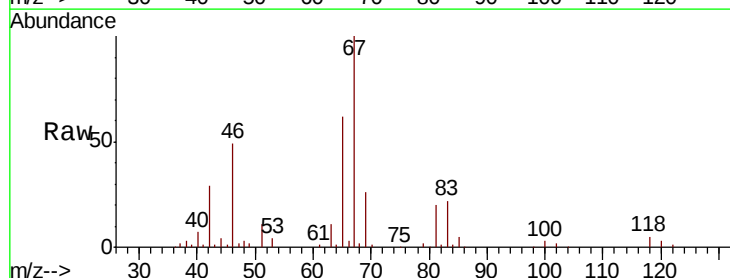
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F42

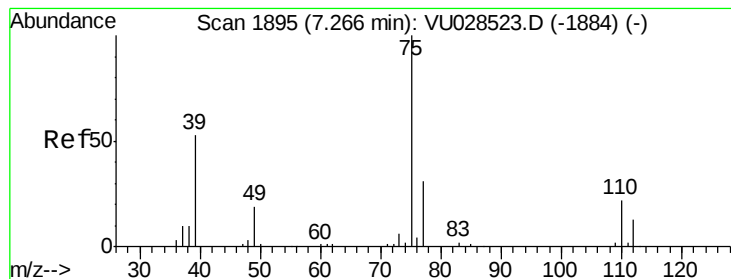
Tgt Ion: 62 Resp: 1167
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#37
 1,2-Dichloropropane
 Concen: 6.623 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU028533.D
 Acq: 07 Dec 2018 15:47

Tgt Ion: 63 Resp: 7649
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.4 3.6#



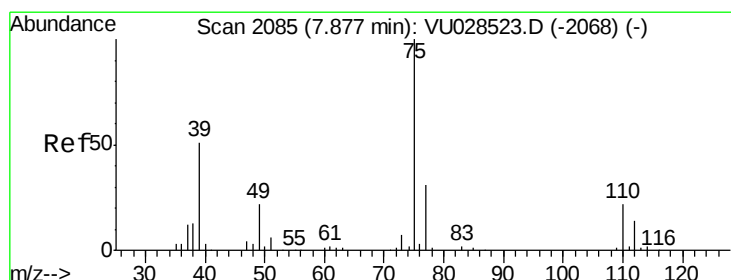
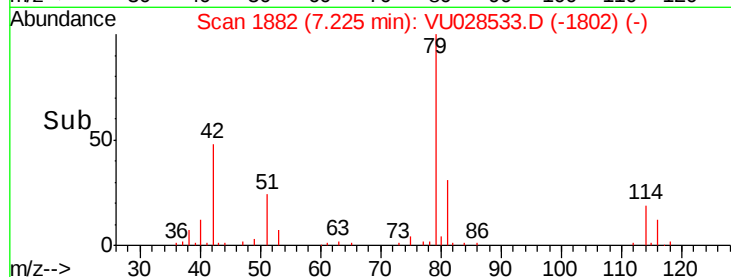
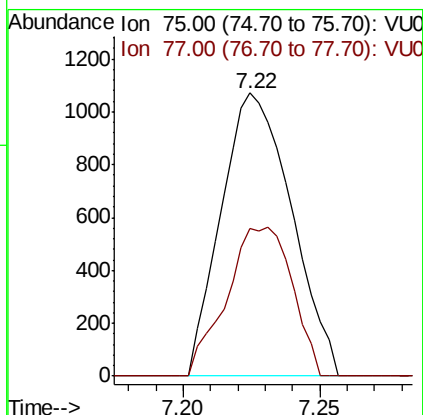
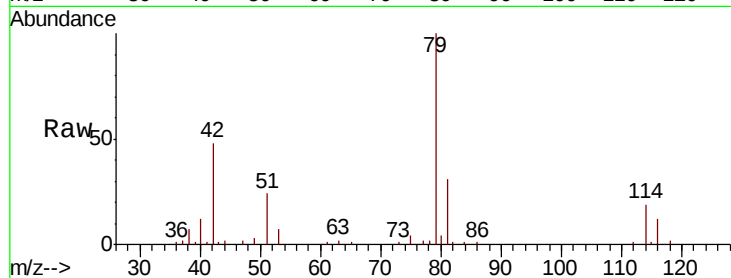


#39

cis-1,3-Dichloropropene
Concen: 1.168 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028533.D
Acq: 07 Dec 2018 15:47

Instrument :
MSVOA_U
ClientSampleId :
F9F42

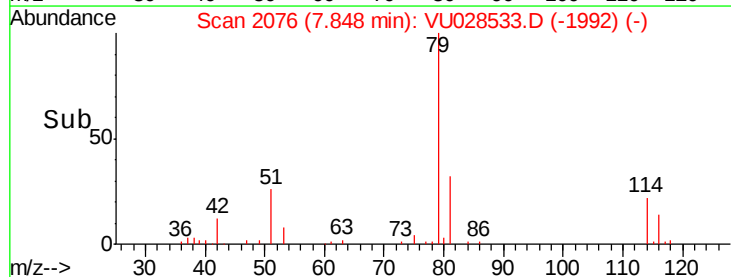
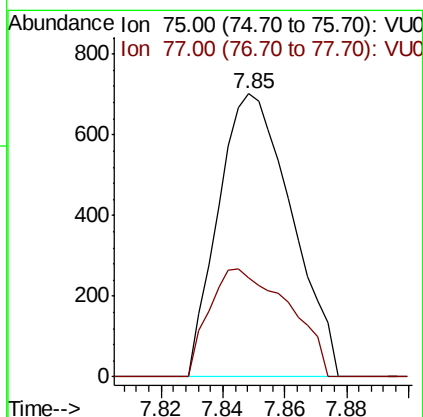
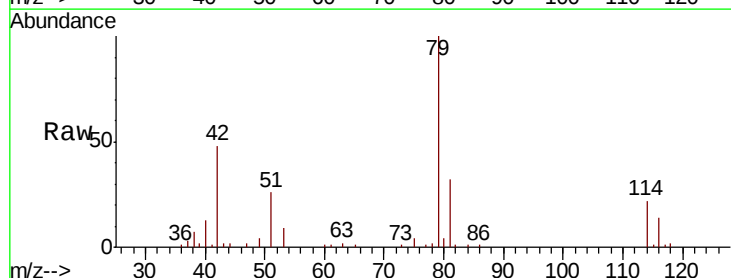
Tgt Ion: 75 Resp: 1917
Ion Ratio Lower Upper
75 100
77 52.3 21.8 40.6#

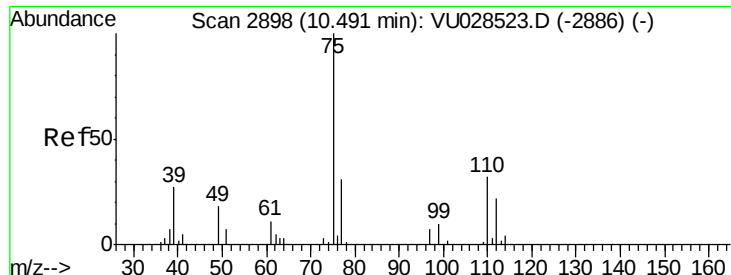


#44

trans-1,3-Dichloropropene
Concen: 0.769 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028533.D
Acq: 07 Dec 2018 15:47

Tgt Ion: 75 Resp: 1156
Ion Ratio Lower Upper
75 100
77 35.0 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 5.950 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028533.D

Acq: 07 Dec 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

F9F42

Tgt Ion: 75 Resp: 7814

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

