

Data File : VU026850.D
Acq On : 18 Sep 2018 10:35
Operator : MD/SY
Sample : J4896-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08N8

Quant Time: Sep 19 05:06:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	236262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	91879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79149	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.58%
7) Chloroethane-d5	1.68	69	71778	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.96%
11) 1,1-Dichloroethene-d2	2.27	63	117861	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	4.18	46	130019	112.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.10%
24) Chloroform-d	4.65	84	158604	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	5.31	65	104059	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.34	84	323952	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
36) 1,2-Dichloropropane-d6	6.33	67	106300	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.57	98	273370	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%
43) trans-1,3-Dichloropropene-	7.85	79	43798	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.52%
47) 2-Hexanone-d5	8.31	63	90187	112.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143098	50.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	106503	55.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.44%

Target Compounds

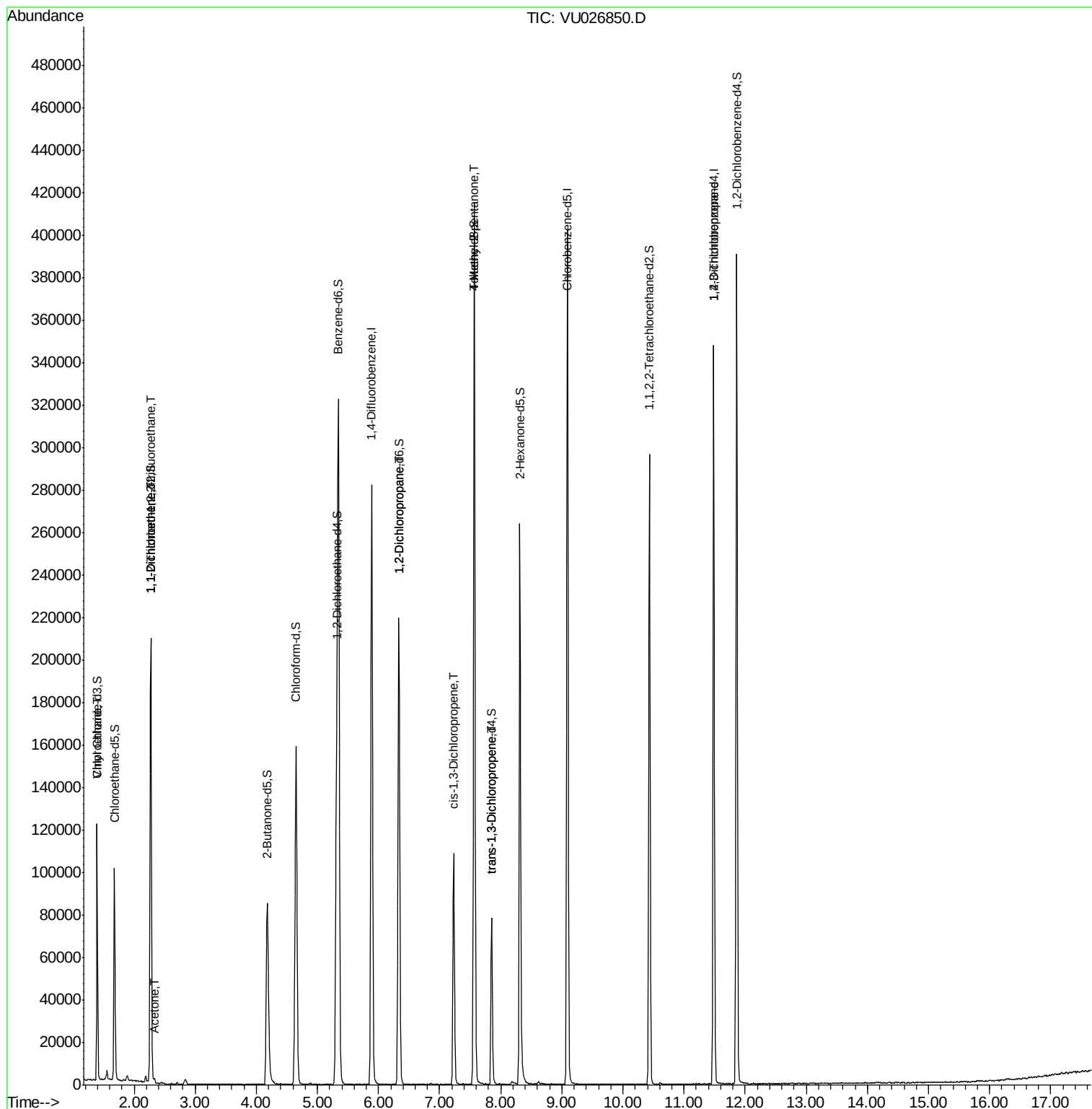
					Qvalue	
8) Chloroethane	1.40	64	1346	0.969	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1035	0.634	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	942	0.615	ug/L #	1
13) Acetone	2.32	43	754	0.661	ug/L	57
37) 1,2-Dichloropropane	6.33	63	11166	5.824	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2568	0.948	ug/L #	70
40) 4-Methyl-2-pentanone	7.57	43	1118	0.491	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1829	0.721	ug/L	89
59) 1,2,3-Trichloropropane	11.49	75	10374	4.517	ug/L	91

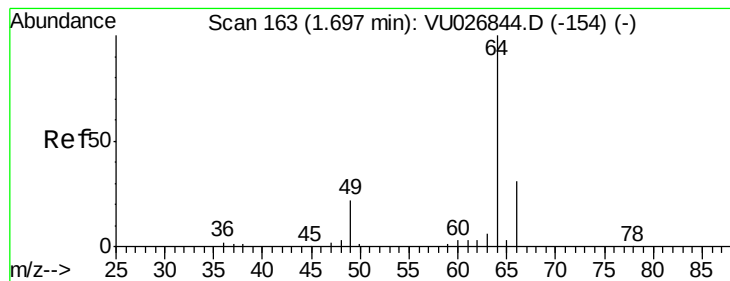
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.969 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.30 min

Lab File: VU026850.D

Acq: 18 Sep 2018 10:35

Instrument :

MSVOA_U

ClientSampleId :

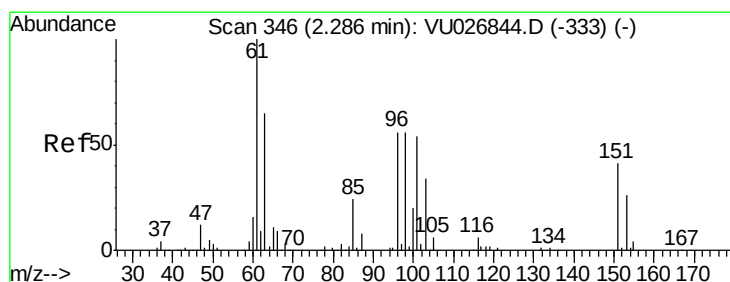
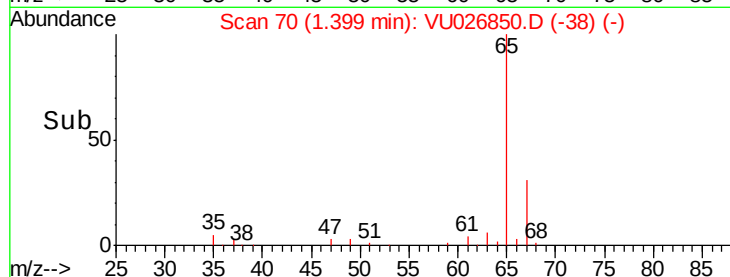
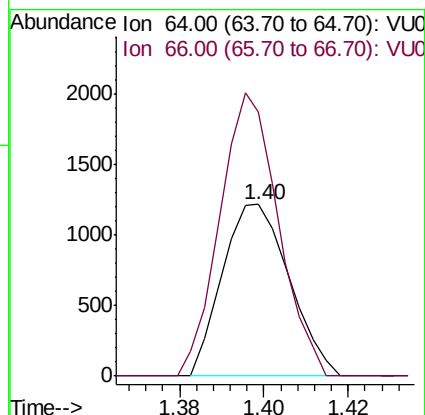
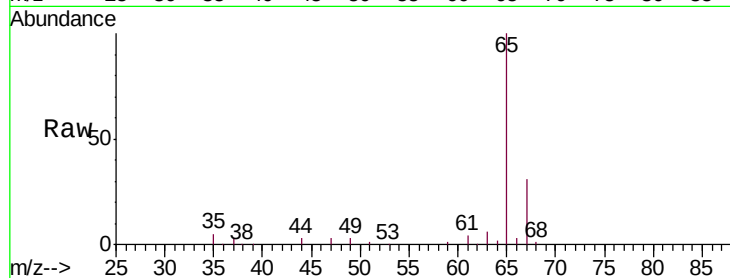
C08N8

Tgt Ion: 64 Resp: 1346

Ion Ratio Lower Upper

64 100

66 154.2 23.0 42.8#



#10

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

Concen: 0.634 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026850.D

Acq: 18 Sep 2018 10:35

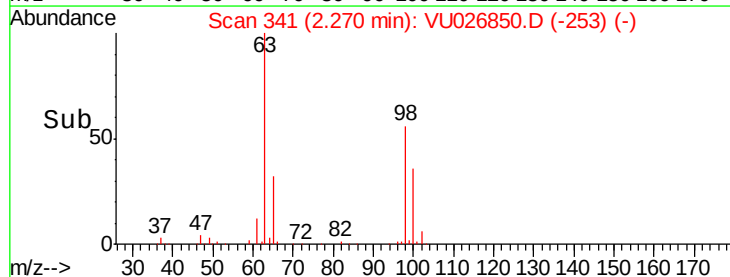
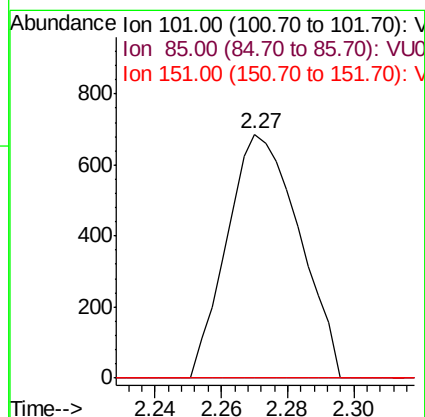
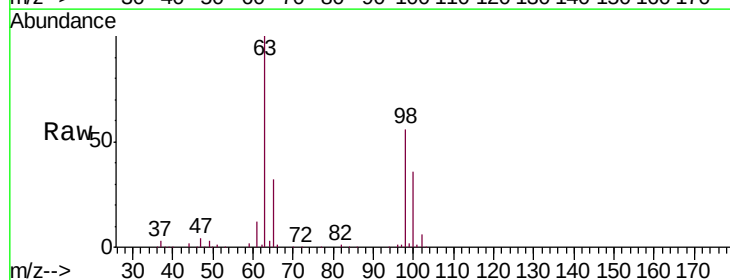
Tgt Ion: 101 Resp: 1035

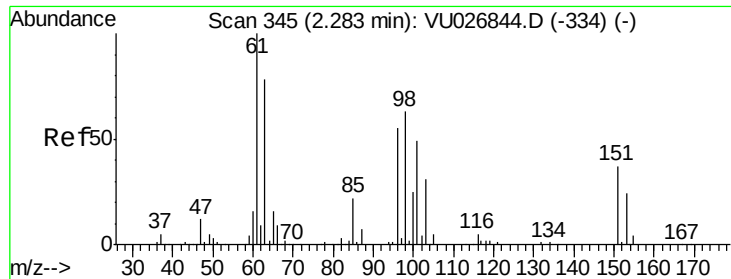
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#

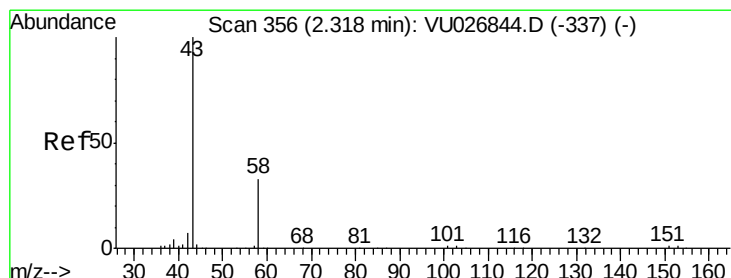
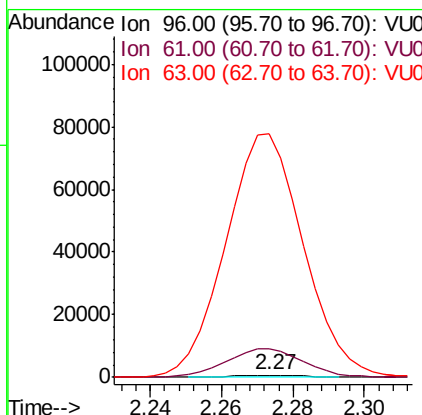
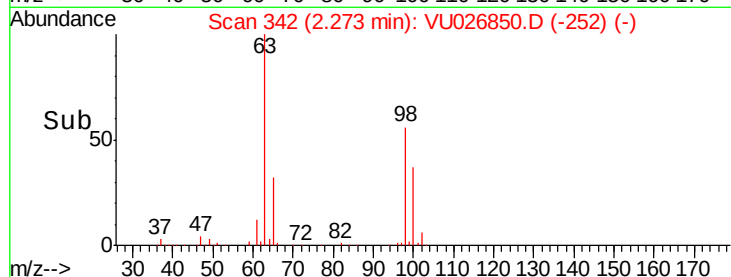
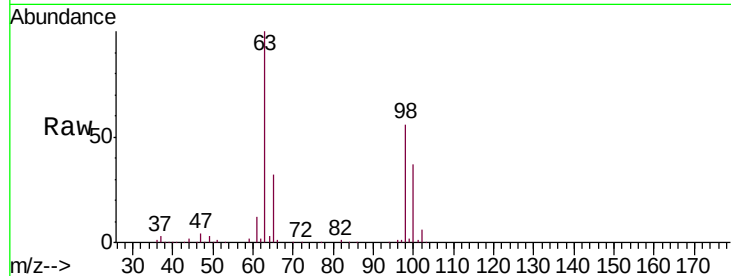




#12
 1,1-Dichloroethene
 Concen: 0.615 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU026850.D
 Acq: 18 Sep 2018 10:35

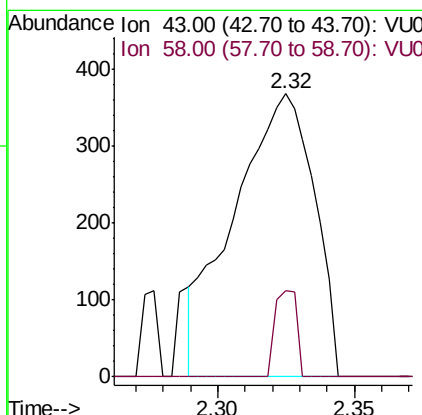
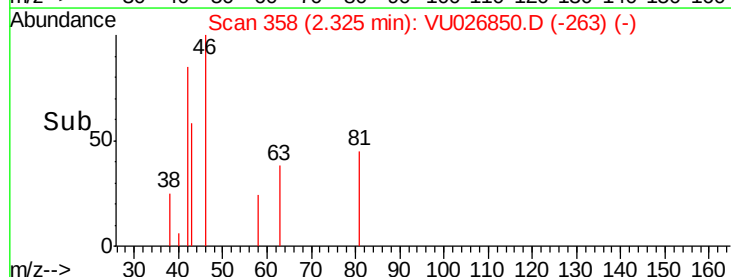
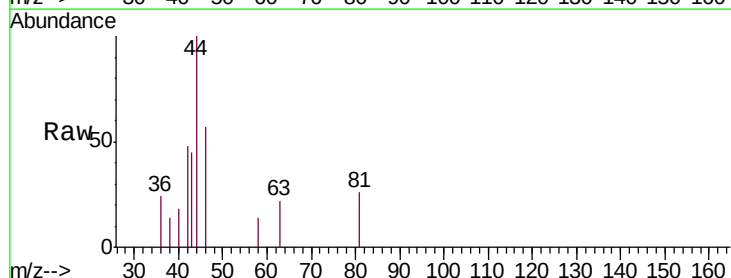
Instrument :
 MSVOA_U
 ClientSampleId :
 C08N8

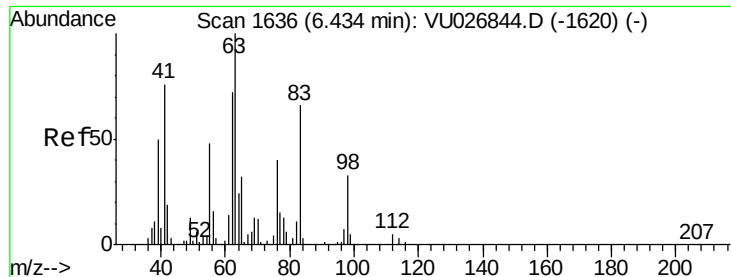
Tgt Ion: 96 Resp: 942
 Ion Ratio Lower Upper
 96 100
 61 1464.9 124.0 230.4#
 63 12246.9 97.7 181.5#



#13
 Acetone
 Concen: 0.661 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.01 min
 Lab File: VU026850.D
 Acq: 18 Sep 2018 10:35

Tgt Ion: 43 Resp: 754
 Ion Ratio Lower Upper
 43 100
 58 8.2 0.0 64.6

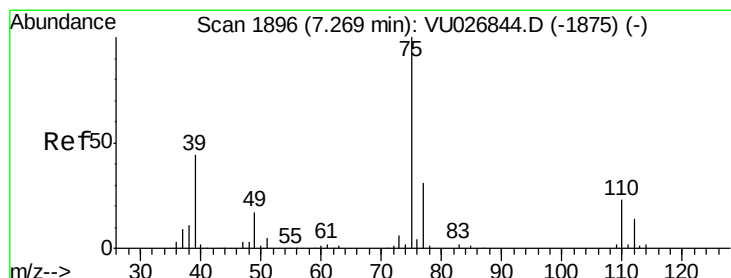
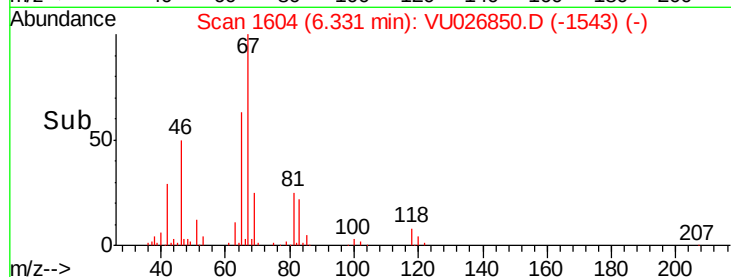
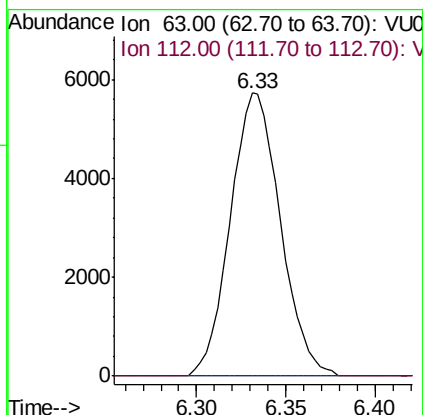
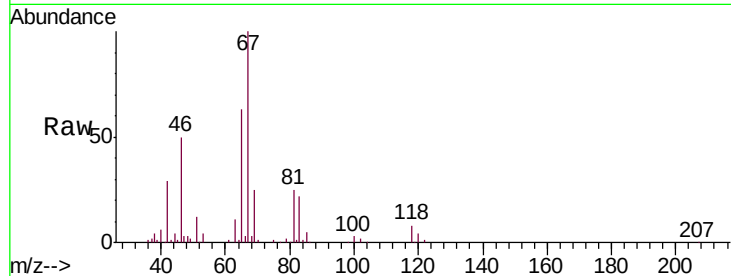




#37
 1,2-Dichloropropane
 Concen: 5.824 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026850.D
 Acq: 18 Sep 2018 10:35

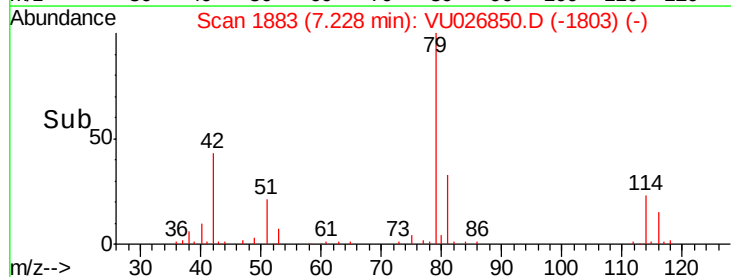
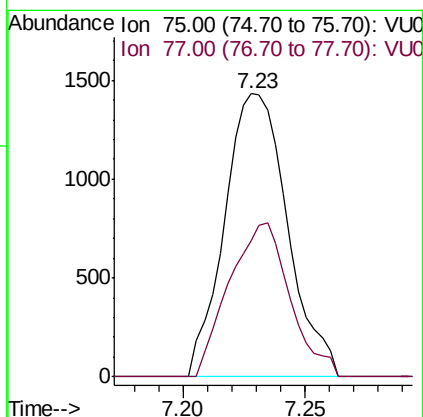
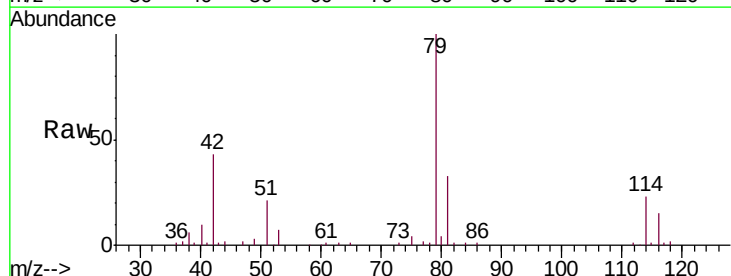
Instrument :
 MSVOA_U
 ClientSampleId :
 C08N8

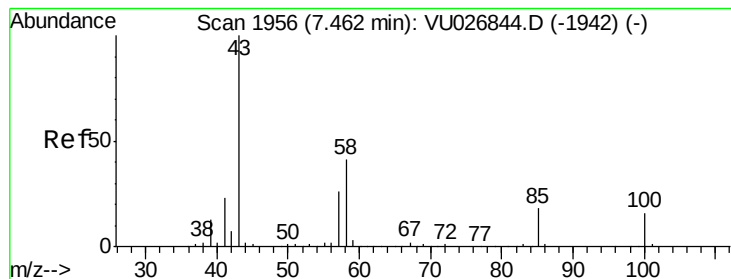
Tgt Ion: 63 Resp: 11166
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.948 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026850.D
 Acq: 18 Sep 2018 10:35

Tgt Ion: 75 Resp: 2568
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.1 41.1#





#40

4-Methyl-2-pentanone

Concen: 0.491 ug/L

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU026850.D

Acq: 18 Sep 2018 10:35

Instrument :

MSVOA_U

ClientSampleId :

C08N8

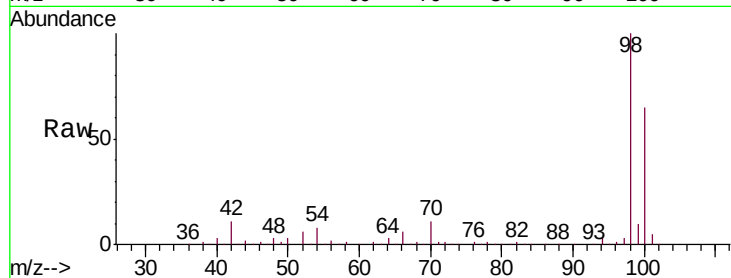
Tgt Ion: 43 Resp: 1118

Ion Ratio Lower Upper

43 100

58 208.2 32.0 48.0#

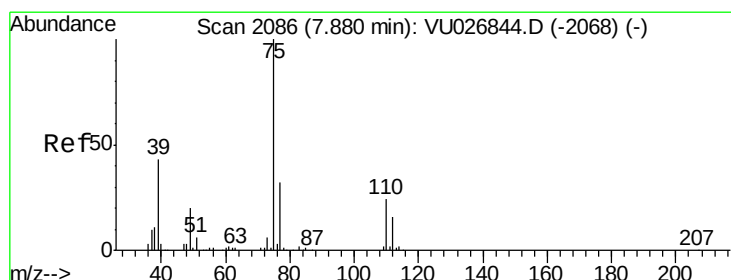
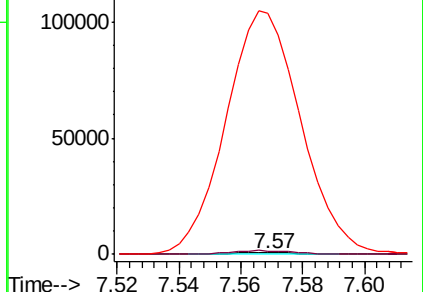
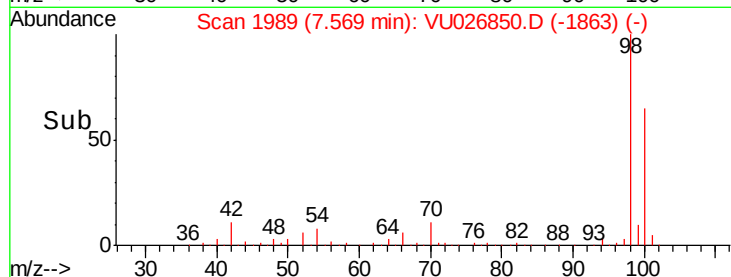
100 15940.5 12.6 19.0#



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: 0.721 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026850.D

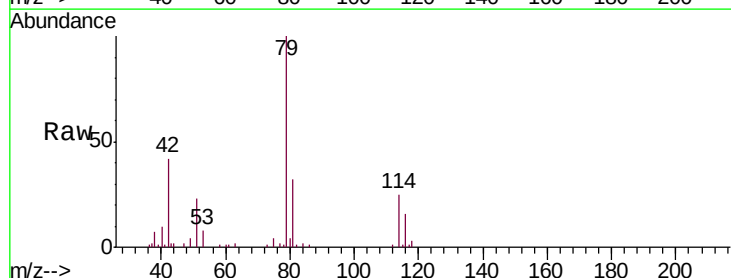
Acq: 18 Sep 2018 10:35

Tgt Ion: 75 Resp: 1829

Ion Ratio Lower Upper

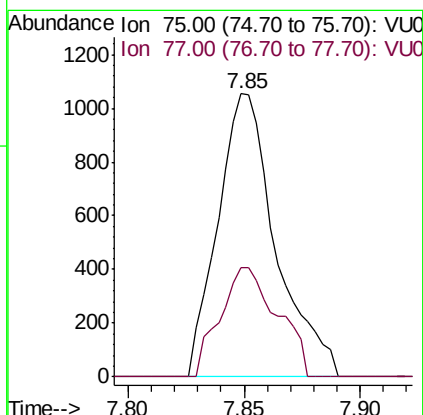
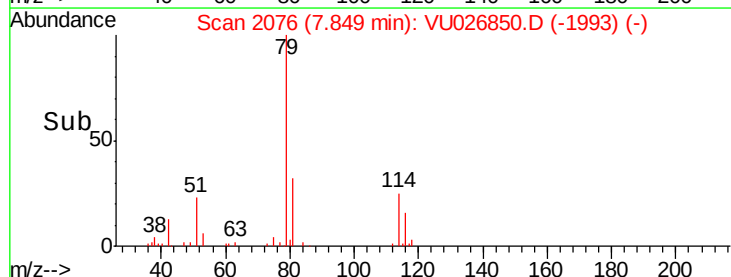
75 100

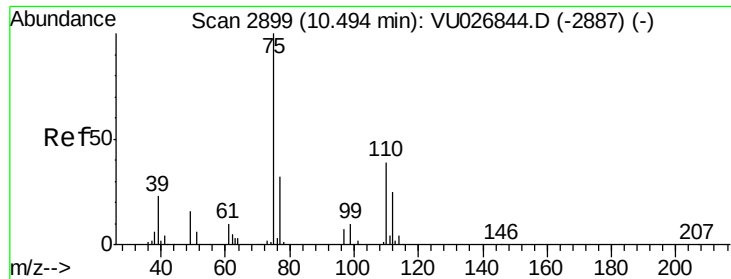
77 38.5 22.8 42.4



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: 4.517 ug/L

RT: 11.49 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026850.D

Acq: 18 Sep 2018 10:35

Instrument :

MSVOA_U

ClientSampleId :

C08N8

Tgt Ion: 75 Resp: 10374

Ion Ratio Lower Upper

75 100

77 37.0 25.5 38.3

