

Data File : VU027853.D
Acq On : 29 Oct 2018 14:08
Operator : MD/SY
Sample : J5716-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBY1

Quant Time: Oct 30 02:31:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	114538	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	106853	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32267	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.42%
7) Chloroethane-d5	1.68	69	25977	37.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.72%
11) 1,1-Dichloroethene-d2	2.28	63	46886	29.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.42%#
21) 2-Butanone-d5	4.18	46	62430	82.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.20%
24) Chloroform-d	4.65	84	62401	38.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.90%
26) 1,2-Dichloroethane-d4	5.31	65	45377	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
32) Benzene-d6	5.34	84	123779	40.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.36%
36) 1,2-Dichloropropane-d6	6.33	67	44356	40.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.66%
41) Toluene-d8	7.57	98	115572	41.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.34%
43) trans-1,3-Dichloropropene-	7.85	79	21122	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.08%
47) 2-Hexanone-d5	8.31	63	47455	85.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58138	41.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	42324	41.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.96%

Target Compounds

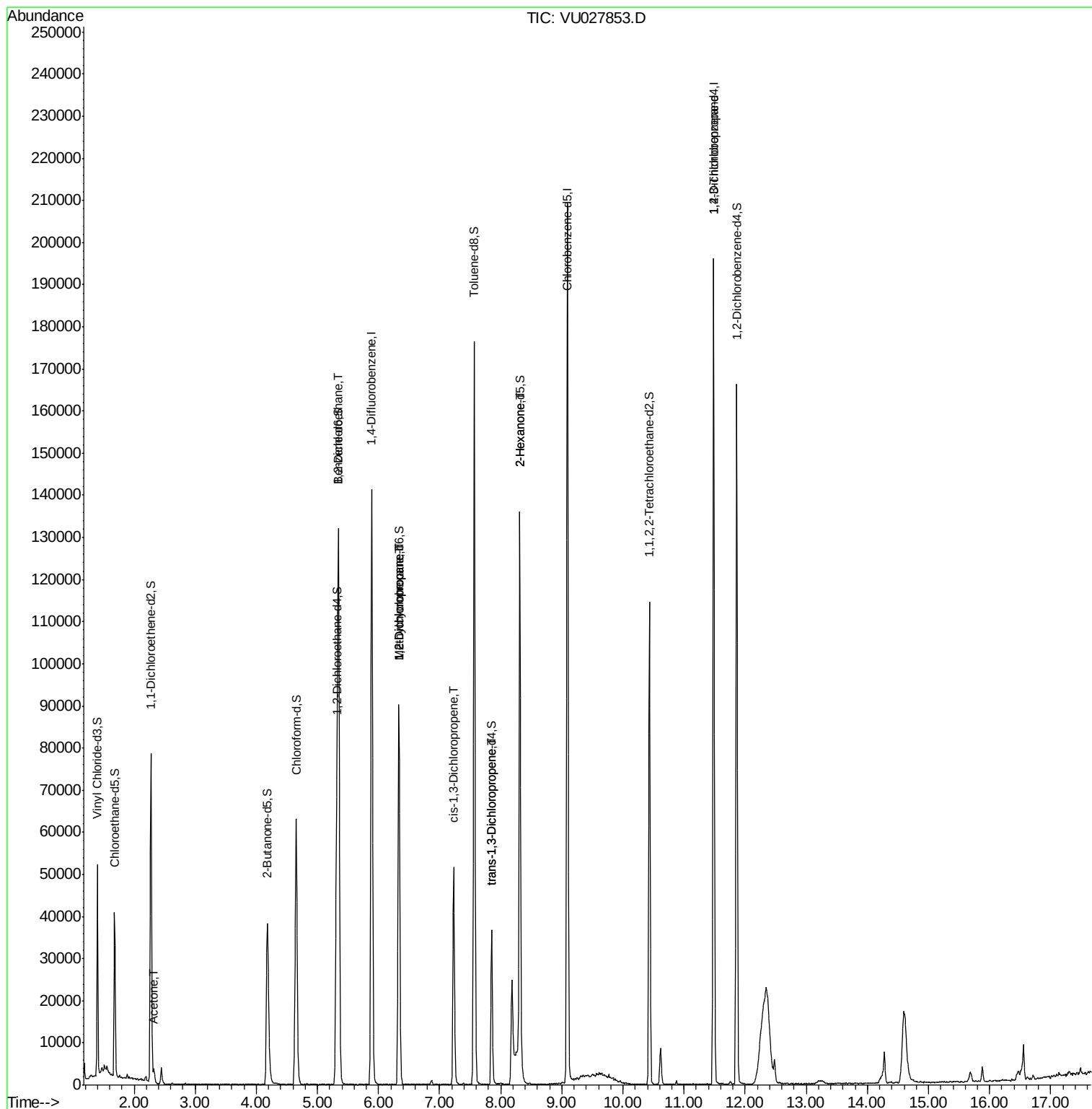
					Qvalue
13) Acetone	2.32	43	3482	6.582 ug/L	94
27) 1,2-Dichloroethane	5.34	62	647	0.501 ug/L #	78
35) Methylcyclohexane	6.33	83	9602	6.977 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4675	4.978 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1289	0.891 ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	861	0.629 ug/L #	76
48) 2-Hexanone	8.31	43	6052	5.170 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	6289	5.666 ug/L	89

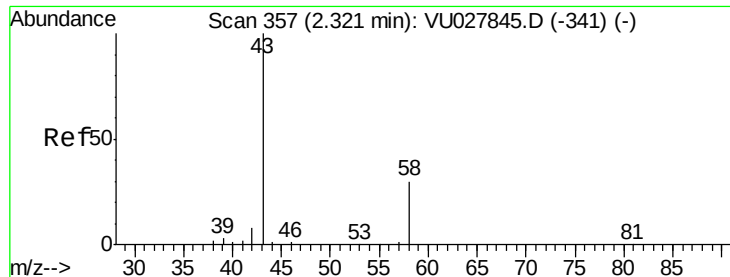
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.582 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027853.D

Acq: 29 Oct 2018 14:08

Instrument :

MSVOA_U

ClientSampleId :

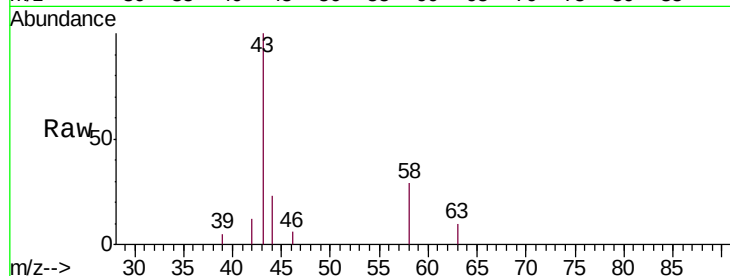
ETBY1

Tgt Ion: 43 Resp: 3482

Ion Ratio Lower Upper

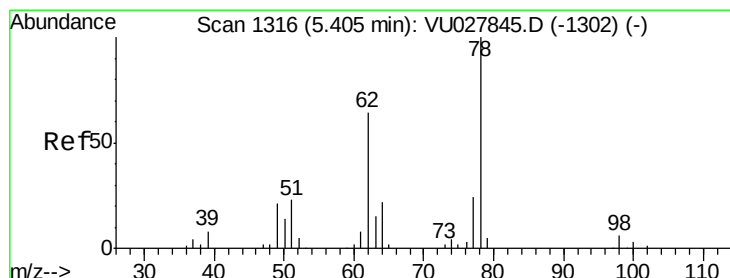
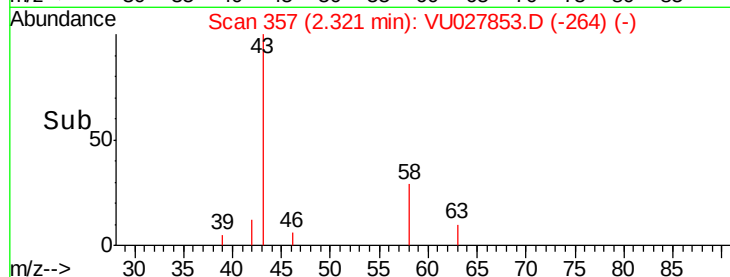
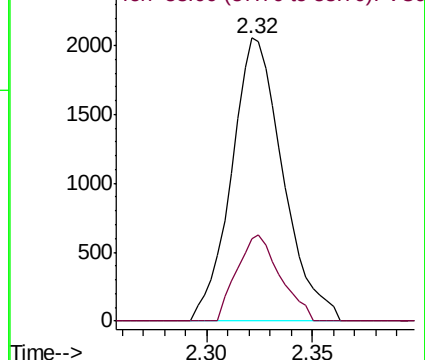
43 100

58 25.6 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

1,2-Dichloroethane

Concen: 0.501 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU027853.D

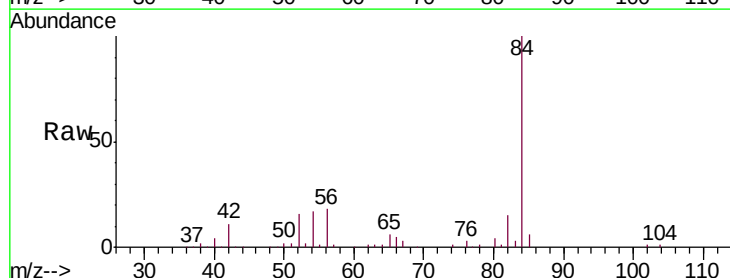
Acq: 29 Oct 2018 14:08

Tgt Ion: 62 Resp: 647

Ion Ratio Lower Upper

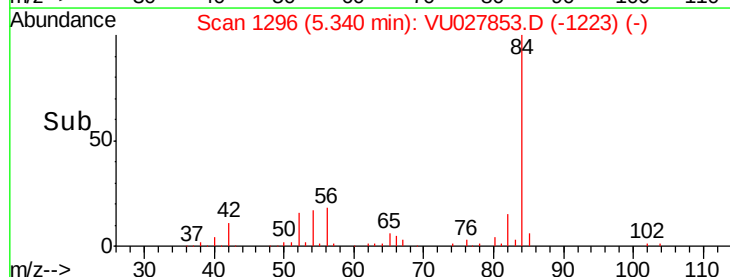
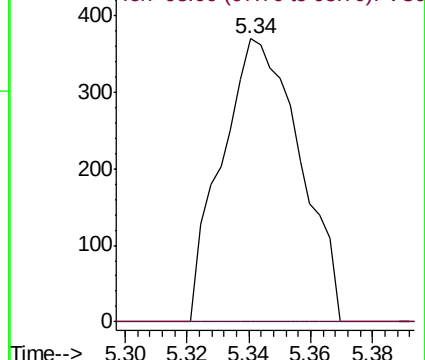
62 100

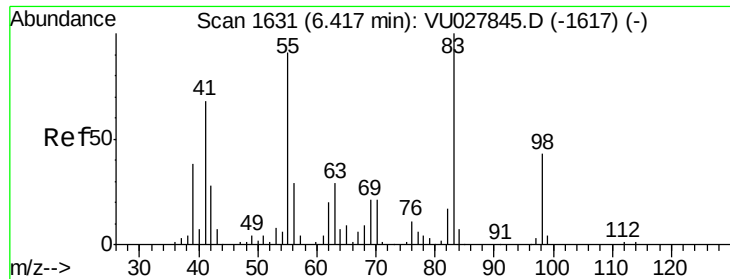
98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

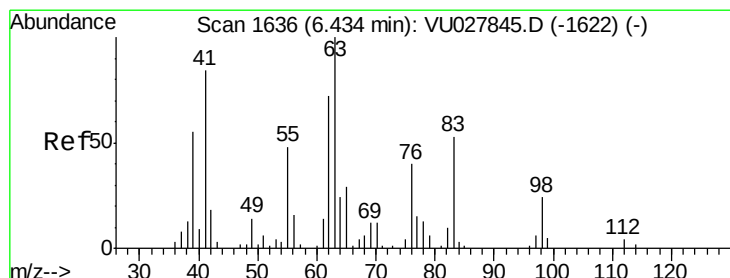
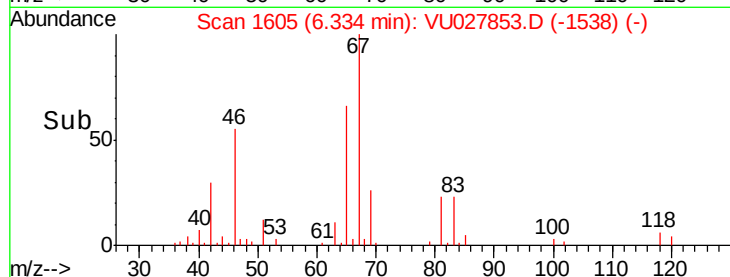
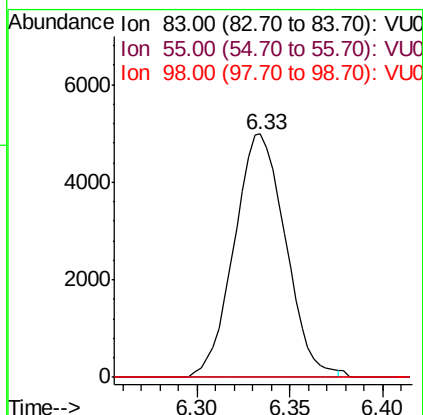
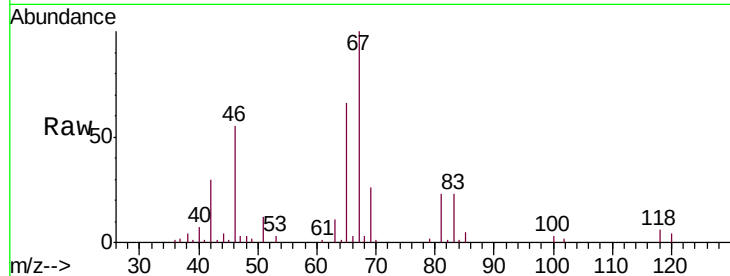




#35
Methylcyclohexane
Concen: 6.977 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027853.D
Acq: 29 Oct 2018 14:08

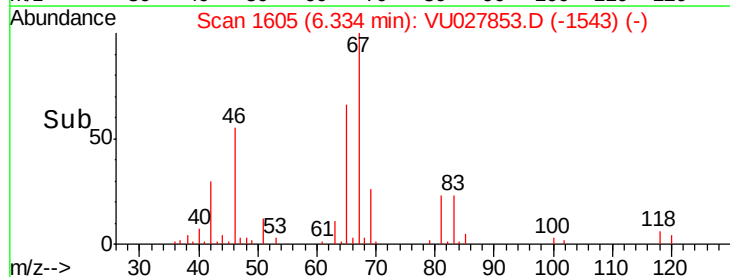
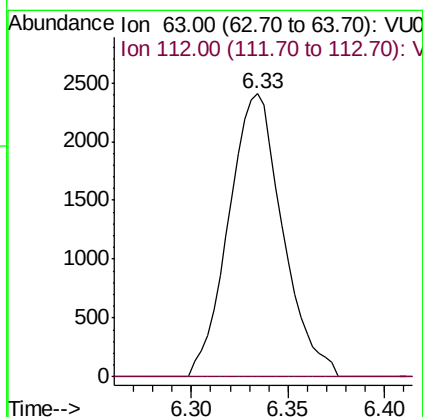
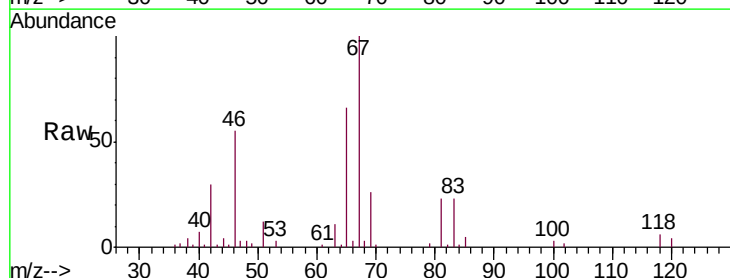
Instrument :
MSVOA_U
ClientSampleId :
ETBY1

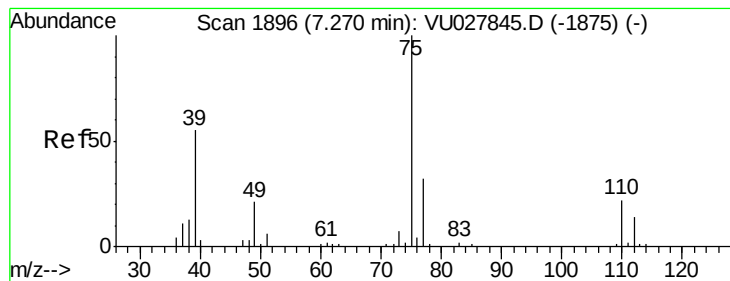
Tgt Ion: 83 Resp: 9602
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.0 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 4.978 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027853.D
Acq: 29 Oct 2018 14:08

Tgt Ion: 63 Resp: 4675
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



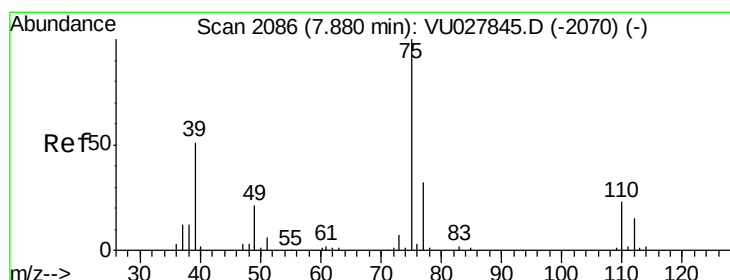
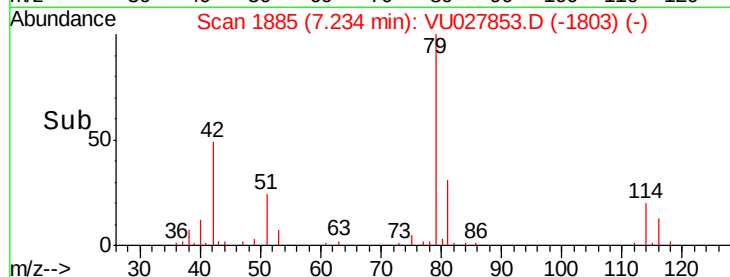
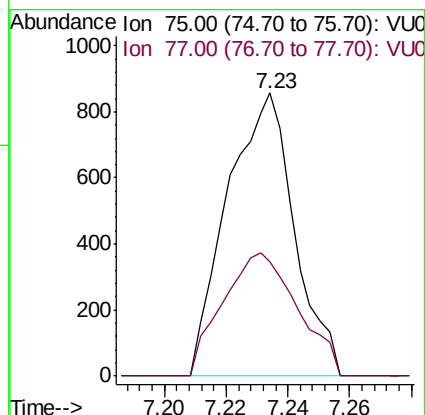
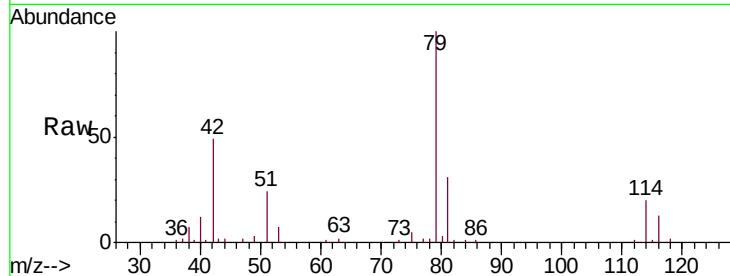


#39

cis-1,3-Dichloropropene
Concen: 0.891 ug/L
RT: 7.23 min Scan# 1885
Delta R.T. -0.04 min
Lab File: VU027853.D
Acq: 29 Oct 2018 14:08

Instrument :
MSVOA_U
ClientSampleId :
ETBY1

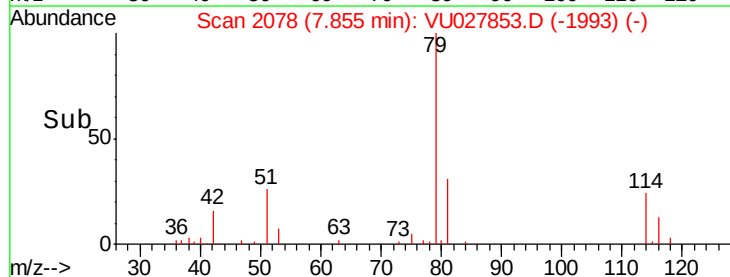
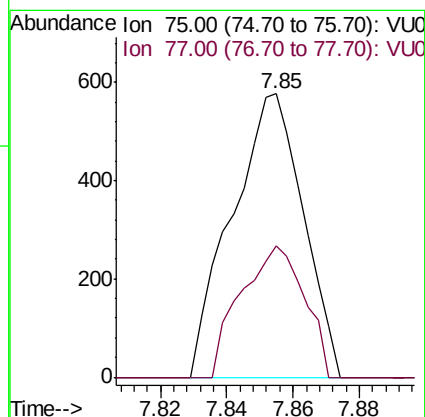
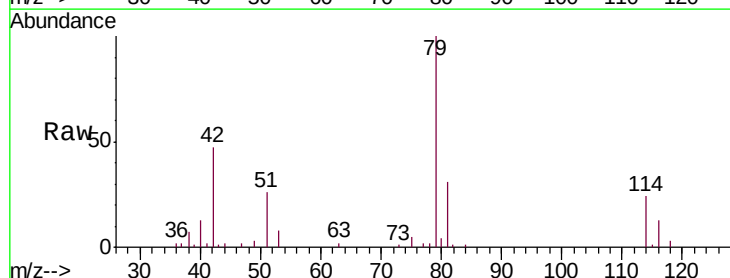
Tgt Ion: 75 Resp: 1289
Ion Ratio Lower Upper
75 100
77 40.3 22.5 41.7

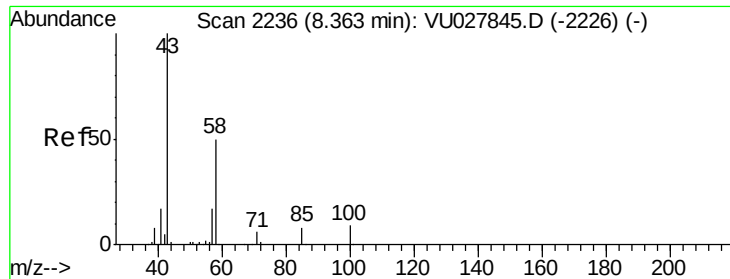


#44

trans-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU027853.D
Acq: 29 Oct 2018 14:08

Tgt Ion: 75 Resp: 861
Ion Ratio Lower Upper
75 100
77 46.1 22.8 42.4#

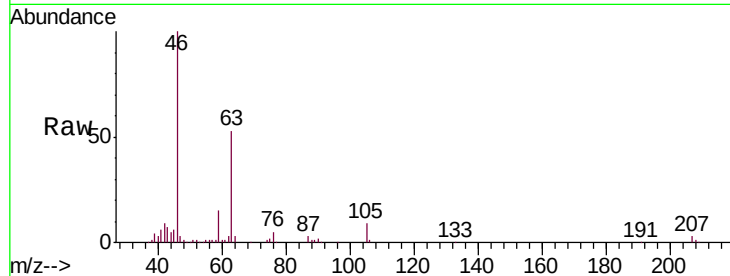




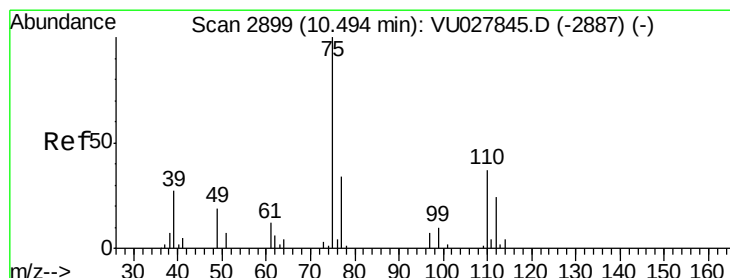
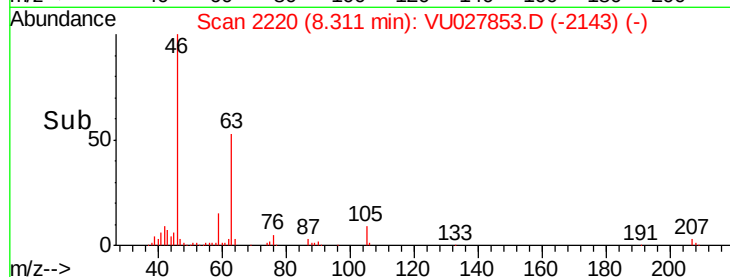
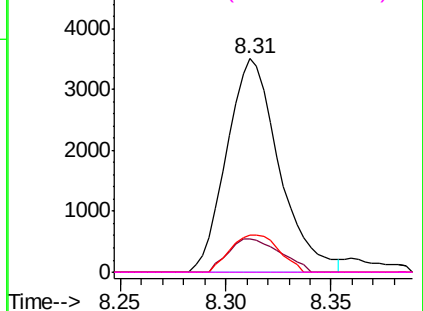
#48
 2-Hexanone
 Concen: 5.170 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU027853.D
 Acq: 29 Oct 2018 14:08

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBY1

Tgt Ion: 43 Resp: 6052
 Ion Ratio Lower Upper
 43 100
 58 15.5 38.8 58.2#
 57 16.2 13.1 19.7
 100 0.0 6.8 10.2#

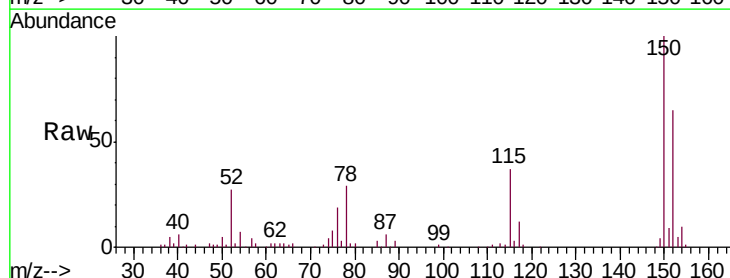


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0



#59
 1,2,3-Trichloropropane
 Concen: 5.666 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU027853.D
 Acq: 29 Oct 2018 14:08

Tgt Ion: 75 Resp: 6289
 Ion Ratio Lower Upper
 75 100
 77 39.5 26.5 39.7



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

