

Data File : VU026854.D
Acq On : 18 Sep 2018 12:08
Operator : MD/SY
Sample : J4896-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08T1

Quant Time: Sep 19 05:07:19 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	234174	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	225393	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92243	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71801	41.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.90%
7) Chloroethane-d5	1.68	69	66841	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.16%
11) 1,1-Dichloroethene-d2	2.27	63	108837	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.40%
21) 2-Butanone-d5	4.18	46	122558	106.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.61%
24) Chloroform-d	4.65	84	151513	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.31	65	99383	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.34	84	304397	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
36) 1,2-Dichloropropane-d6	6.33	67	101586	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.57	98	258184	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.85	79	42140	46.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.74%
47) 2-Hexanone-d5	8.31	63	85223	106.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140282	49.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	102108	53.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.42%

Target Compounds

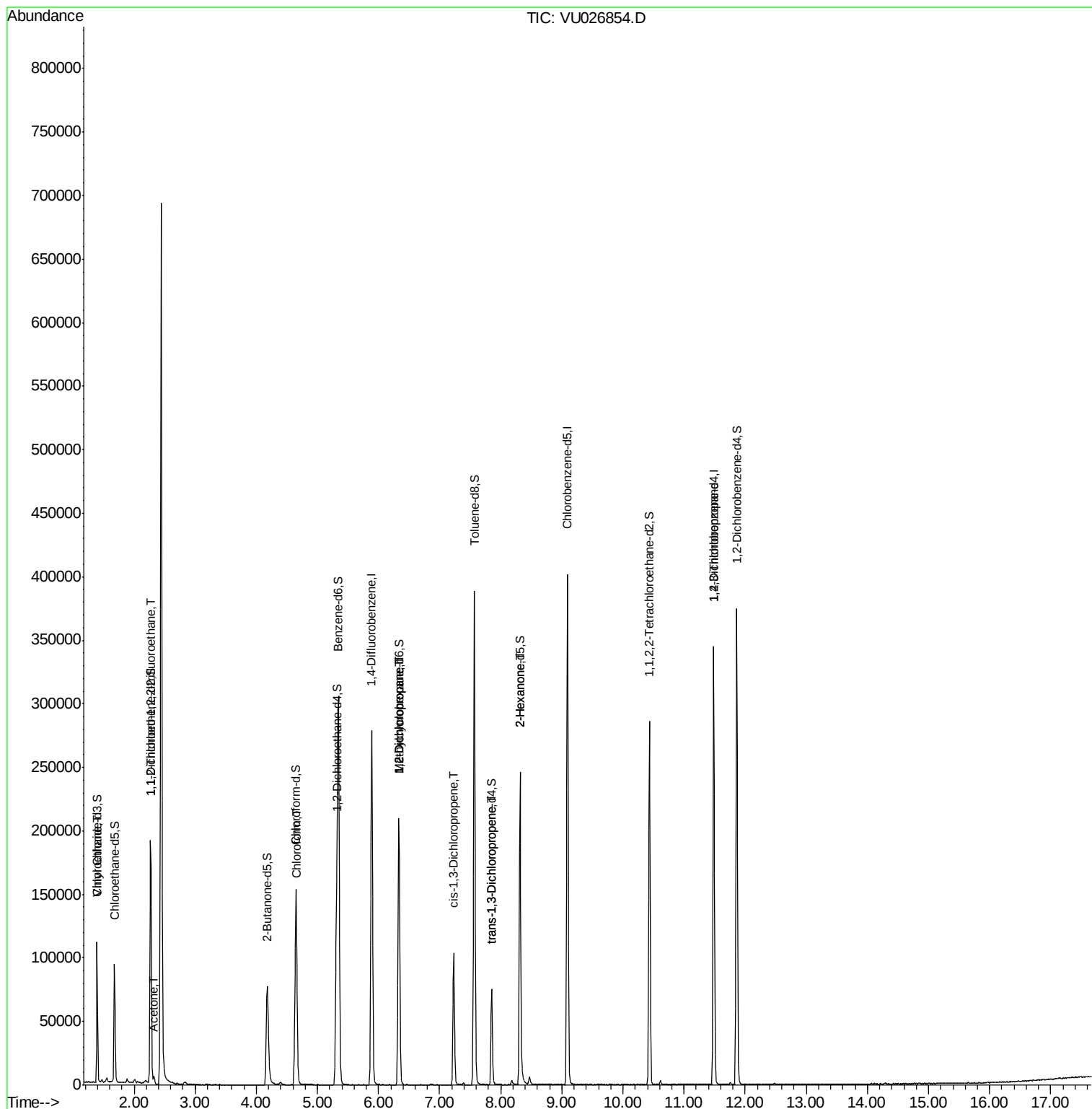
					Qvalue
8) Chloroethane	1.40	64	1053	0.765 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	943	0.583 ug/L #	18
13) Acetone	2.32	43	4957	4.387 ug/L	98
25) Chloroform	4.67	83	2215	0.678 ug/L	84
35) Methylcyclohexane	6.33	83	23821	8.715 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10512	5.476 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2359	0.870 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1800	0.709 ug/L #	81
48) 2-Hexanone	8.31	43	10216	5.553 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	10304	4.481 ug/L	92

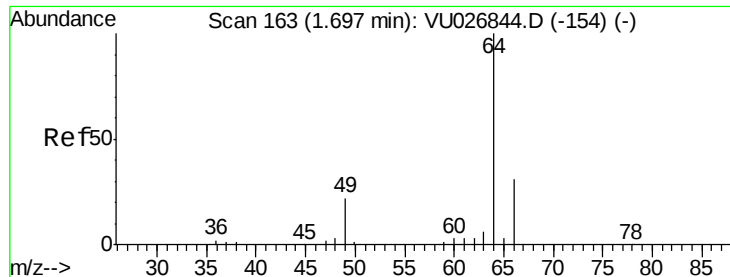
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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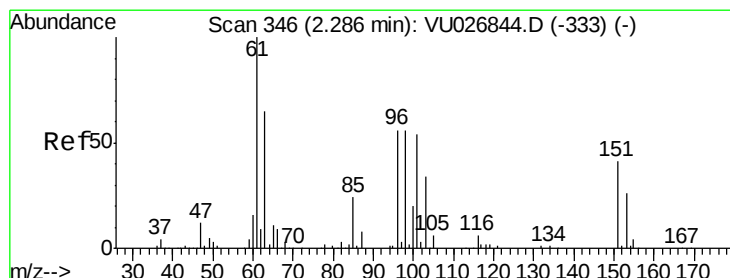
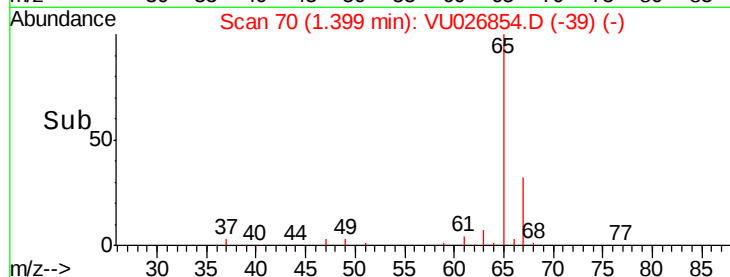
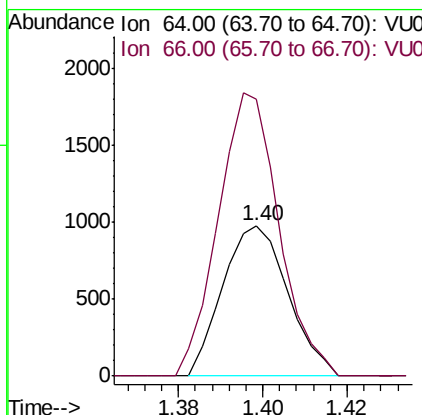
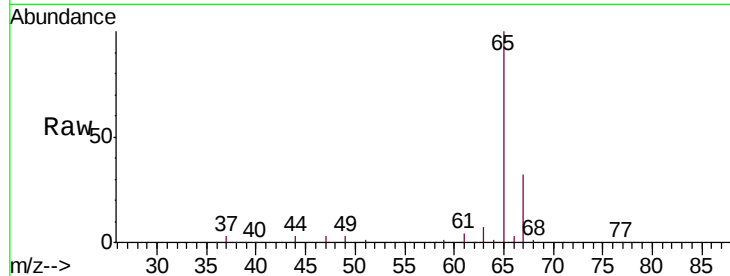




#8
Chloroethane
Concen: 0.765 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.30 min
Lab File: VU026854.D
Acq: 18 Sep 2018 12:08

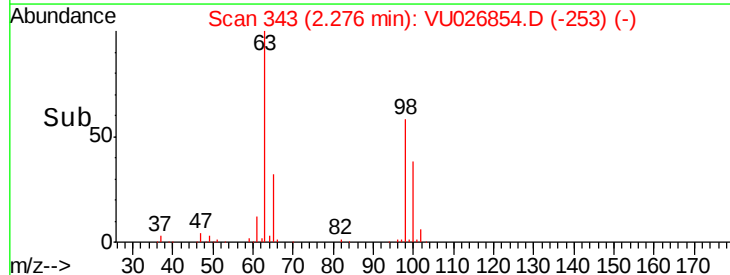
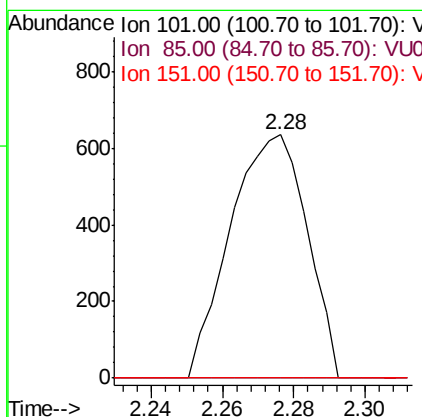
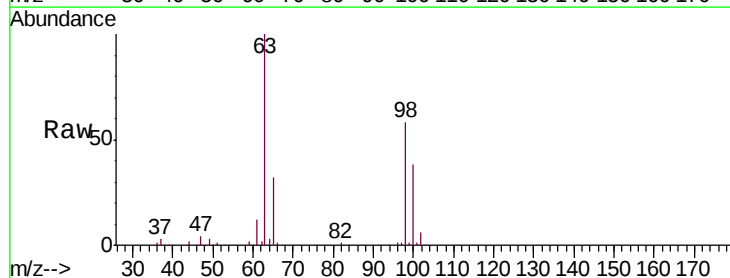
Instrument :
MSVOA_U
ClientSampleId :
C08T1

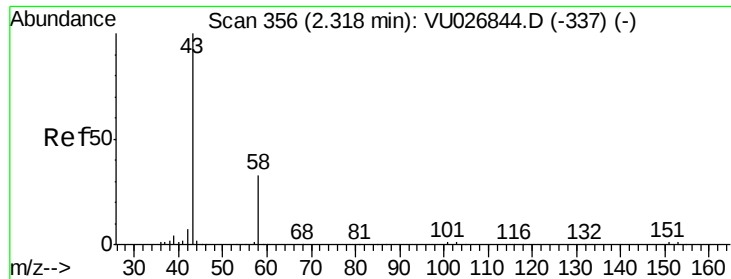
Tgt Ion: 64 Resp: 1053
Ion Ratio Lower Upper
64 100
66 184.3 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.583 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026854.D
Acq: 18 Sep 2018 12:08

Tgt Ion: 101 Resp: 943
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 63.0 94.4#





#13

Acetone

Concen: 4.387 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026854.D

Acq: 18 Sep 2018 12:08

Instrument :

MSVOA_U

ClientSampleId :

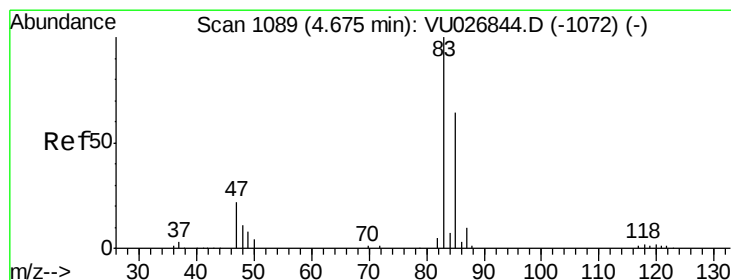
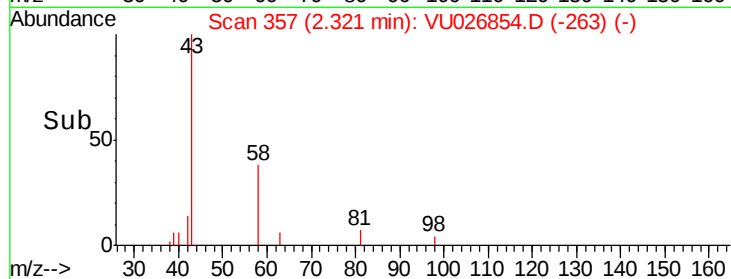
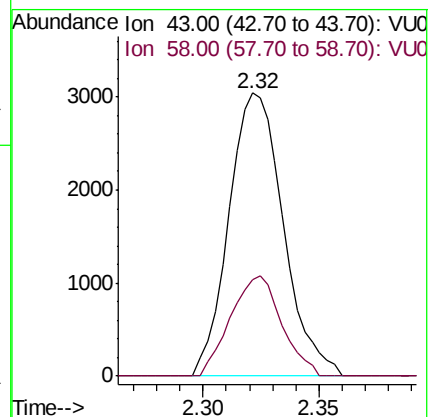
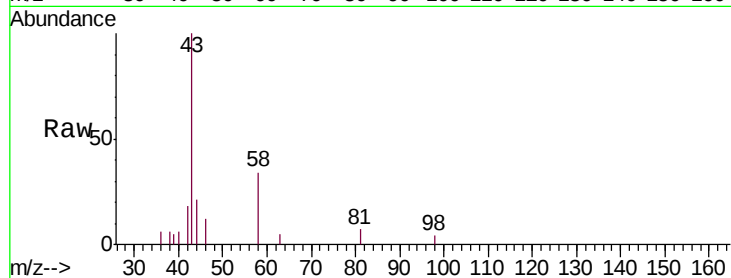
C08T1

Tgt Ion: 43 Resp: 4957

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.6



#25

Chloroform

Concen: 0.678 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VU026854.D

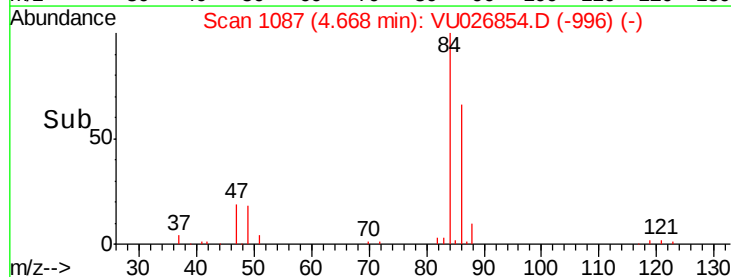
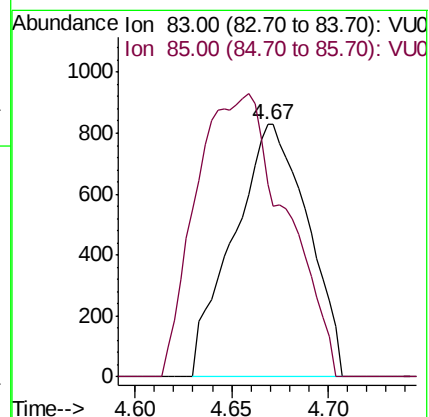
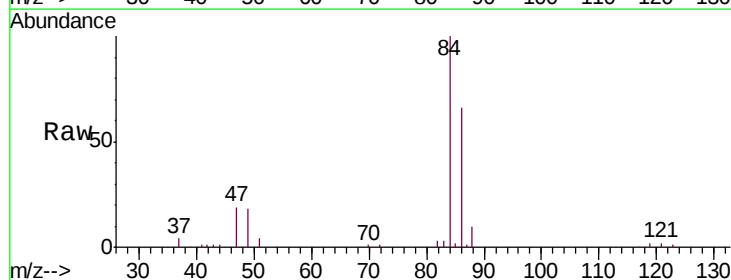
Acq: 18 Sep 2018 12:08

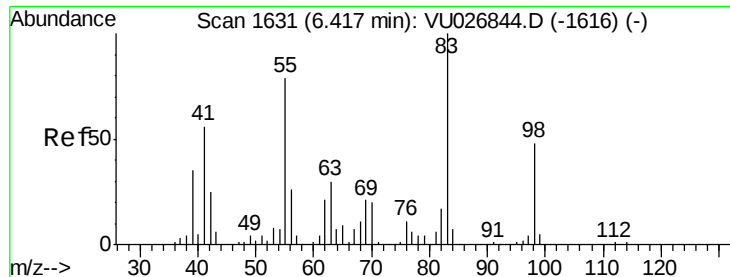
Tgt Ion: 83 Resp: 2215

Ion Ratio Lower Upper

83 100

85 76.1 44.4 82.5

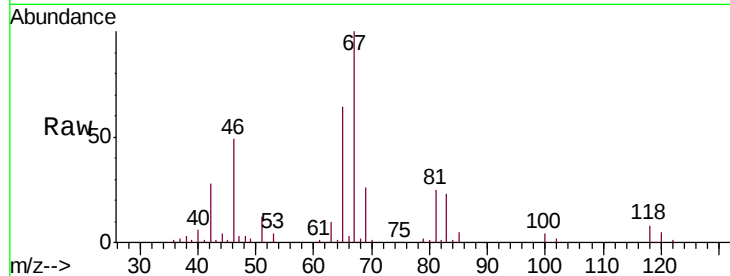




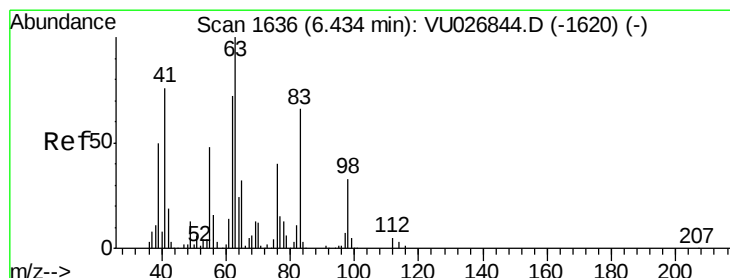
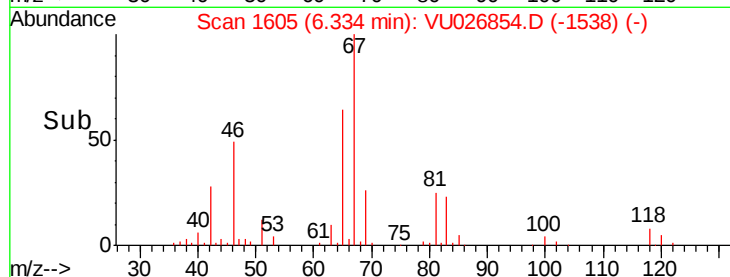
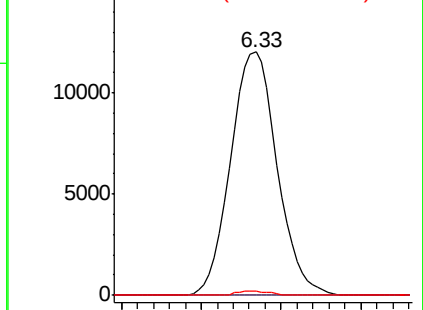
#35
Methylcyclohexane
Concen: 8.715 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026854.D
Acq: 18 Sep 2018 12:08

Instrument :
MSVOA_U
ClientSampleId :
C08T1

Tgt Ion: 83 Resp: 23821
Ion Ratio Lower Upper
83 100
55 0.0 61.7 92.5#
98 1.2 38.3 57.5#

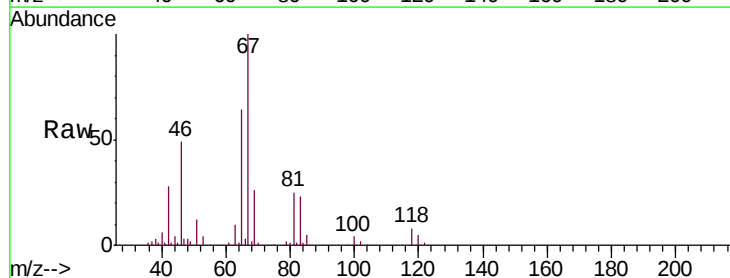


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

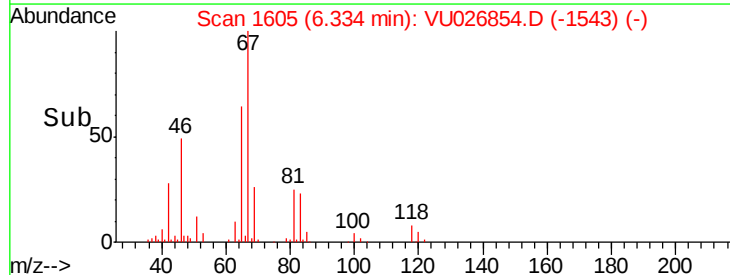
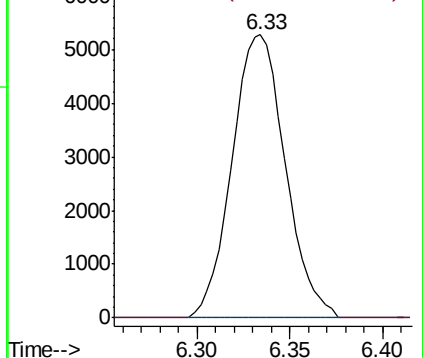


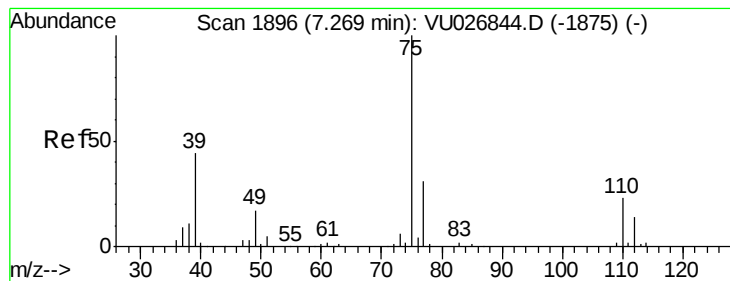
#37
1,2-Dichloropropane
Concen: 5.476 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026854.D
Acq: 18 Sep 2018 12:08

Tgt Ion: 63 Resp: 10512
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



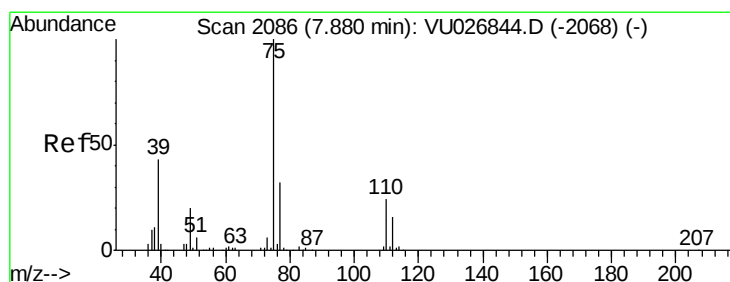
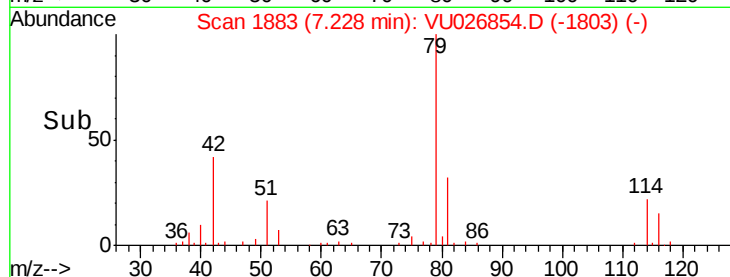
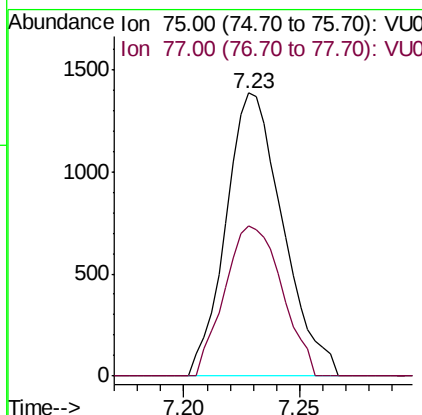
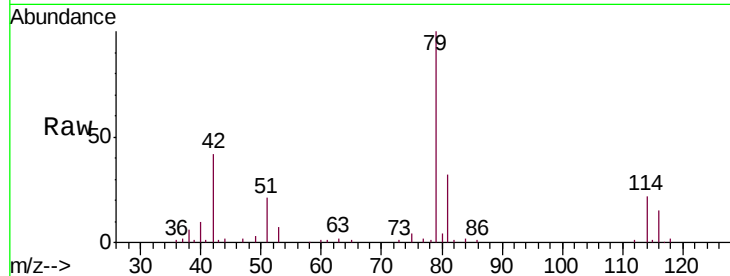


#39

cis-1,3-Dichloropropene
 Concen: 0.870 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026854.D
 Acq: 18 Sep 2018 12:08

Instrument :
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 ClientSampleId :
 C08T1

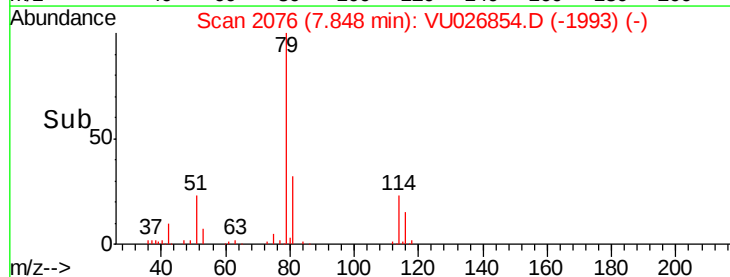
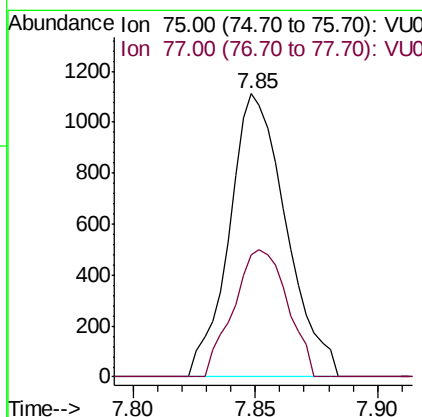
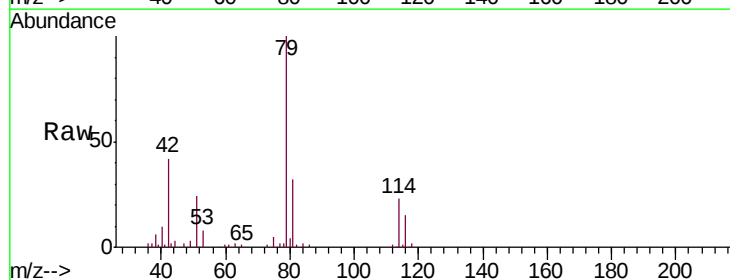
Tgt Ion: 75 Resp: 2359
 Ion Ratio Lower Upper
 75 100
 77 53.2 22.1 41.1#

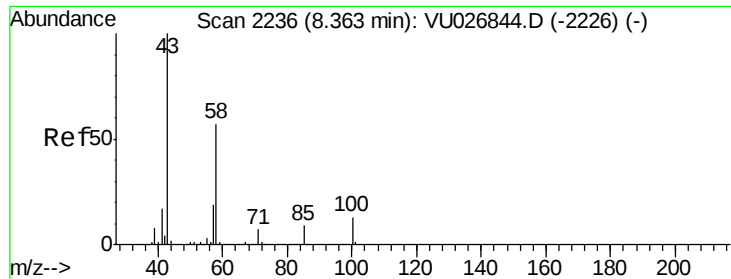


#44

trans-1,3-Dichloropropene
 Concen: 0.709 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU026854.D
 Acq: 18 Sep 2018 12:08

Tgt Ion: 75 Resp: 1800
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.8 42.4#

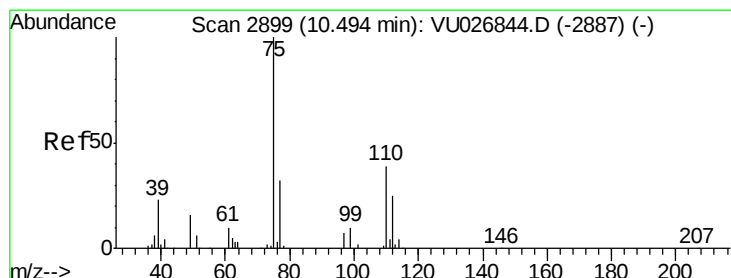
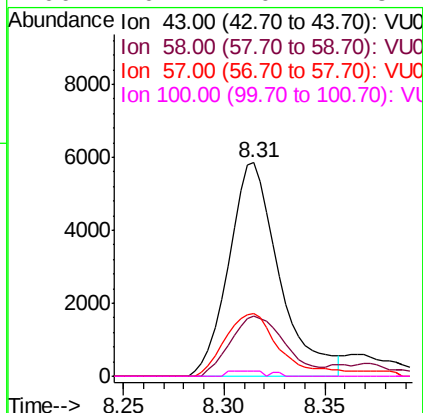
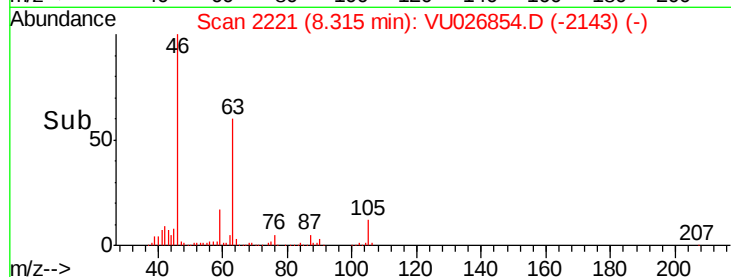
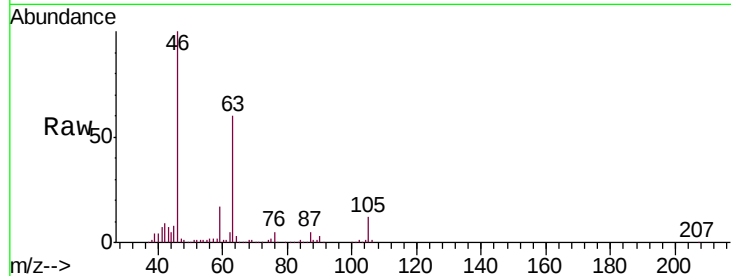




#48
2-Hexanone
Concen: 5.553 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026854.D
Acq: 18 Sep 2018 12:08

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 10216
Ion Ratio Lower Upper
43 100
58 30.4 44.9 67.3#
57 30.4 15.4 23.2#
100 0.4 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 4.481 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026854.D
Acq: 18 Sep 2018 12:08

Tgt Ion: 75 Resp: 10304
Ion Ratio Lower Upper
75 100
77 36.3 25.5 38.3

