

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026781.D
 Acq On : 15 Sep 2018 16:41
 Operator : MD/SY
 Sample : J4920-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY9

Quant Time: Sep 17 05:19:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 05:13:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	134961	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	113691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47921	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47543	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	39983	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.27	63	66810	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.20	46	101154	44.71	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.42%
24) Chloroform-d	4.65	84	78149	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	42878	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	165141	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.33	67	52469	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.57	98	129219	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.85	79	15952	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.32	63	64890	43.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	37635	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	49028	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

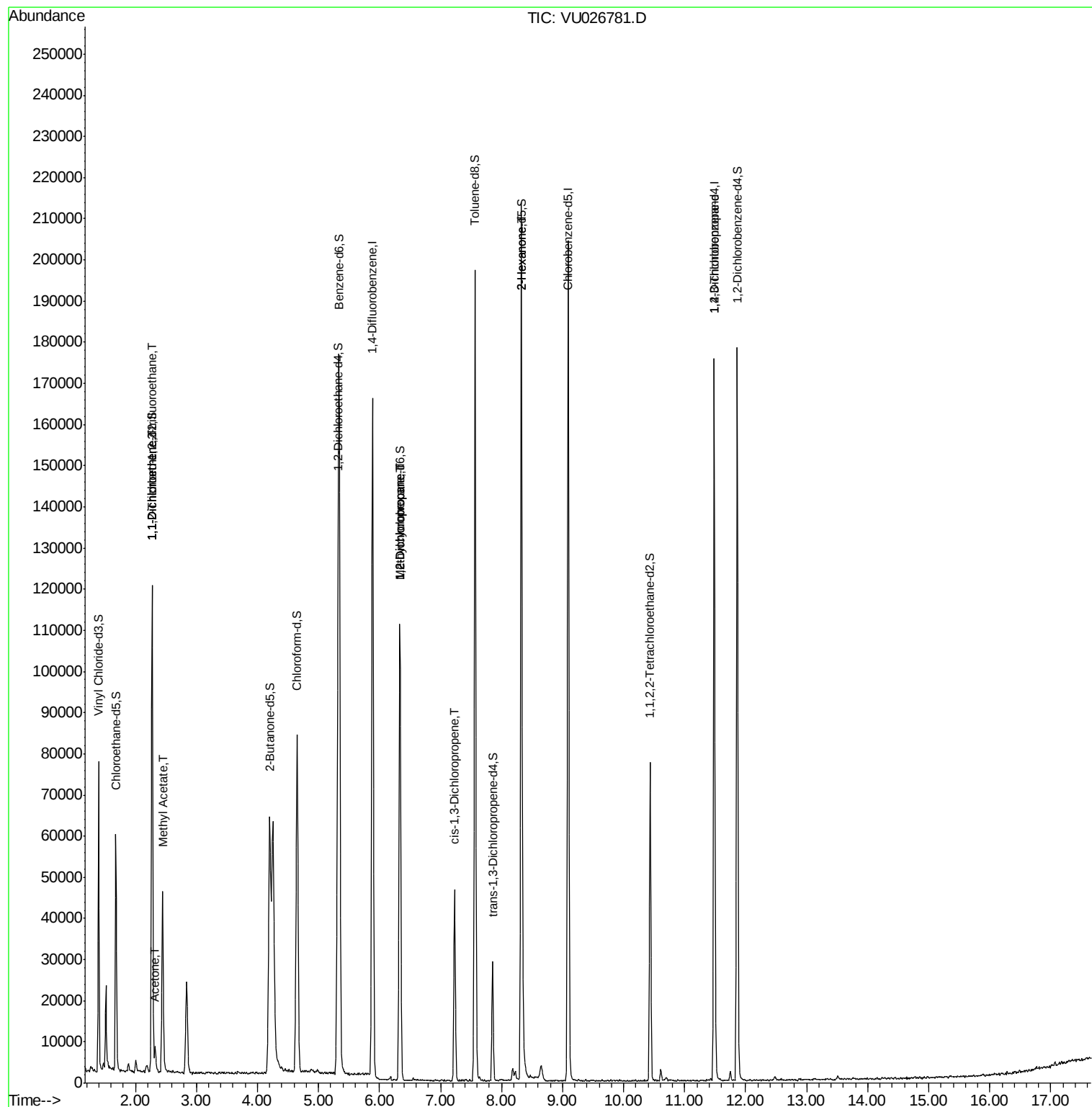
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	534	0.050	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	514	0.051	ug/L #	1
13) Acetone	2.32	43	6105	3.035	ug/L	92
15) Methyl Acetate	2.45	43	11926	2.260	ug/L #	52
35) Methylcyclohexane	6.33	83	12043	0.683	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5598	0.495	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1068	0.070	ug/L #	62
48) 2-Hexanone	8.32	43	8647	1.838	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	5828	0.877	ug/L	99

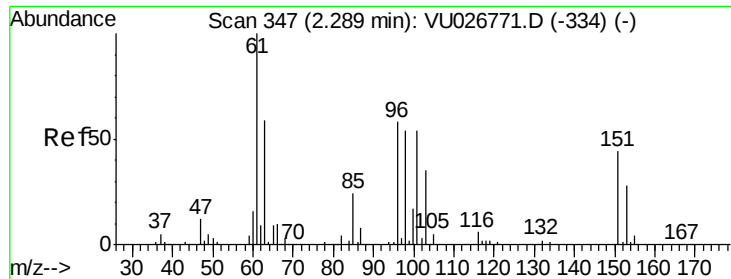
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.050 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026781.D

Acq: 15 Sep 2018 16:41

Instrument :

MSVOA_U

ClientSampleId :

C0KY9

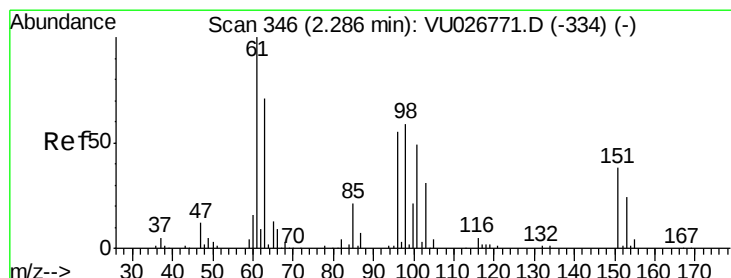
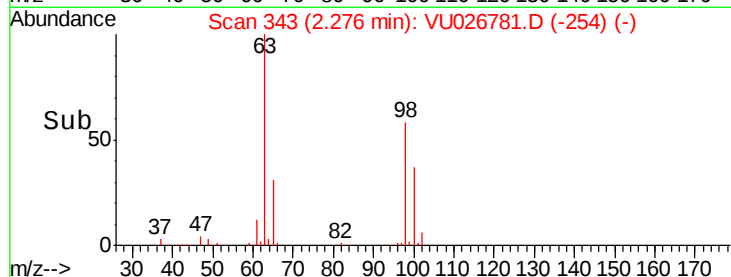
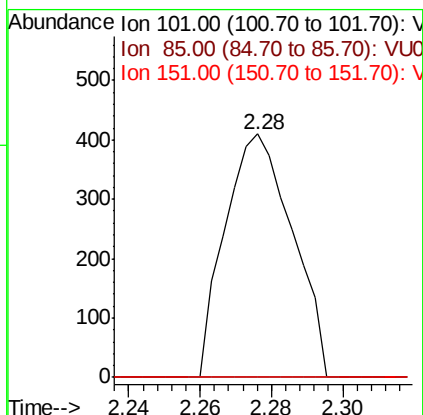
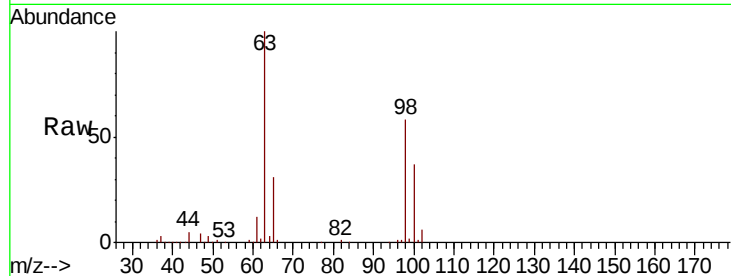
Tgt Ion:101 Resp: 534

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 63.3 94.9#



#12

1,1-Dichloroethene

Concen: 0.051 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026781.D

Acq: 15 Sep 2018 16:41

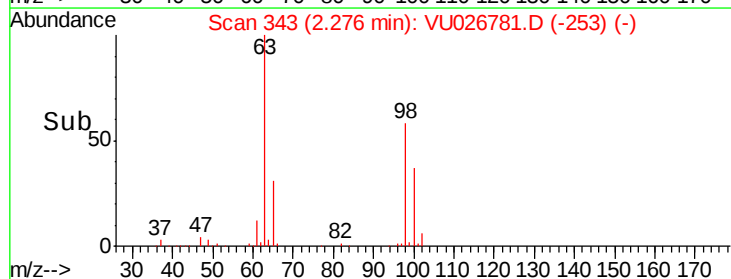
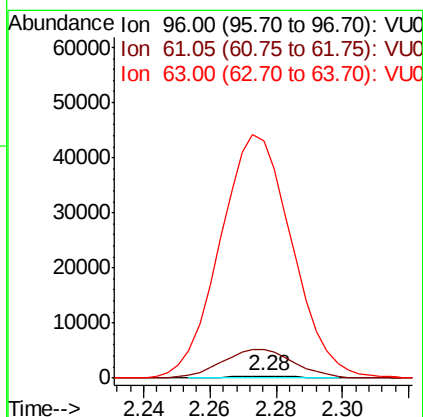
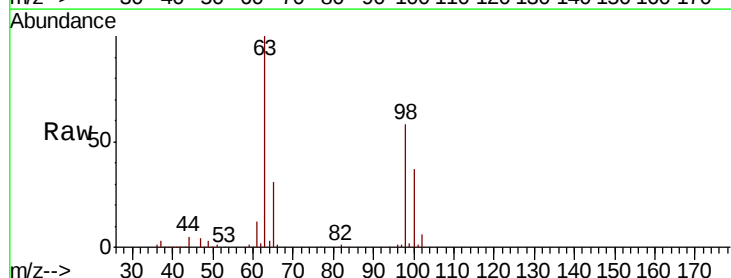
Tgt Ion: 96 Resp: 514

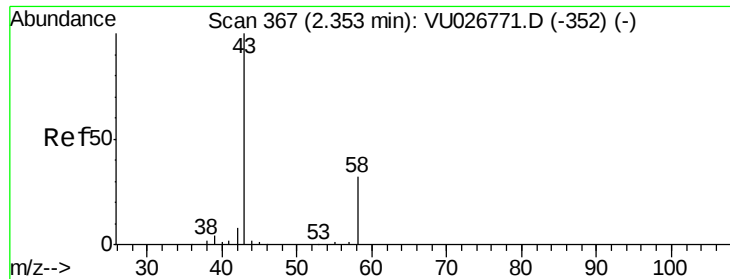
Ion Ratio Lower Upper

96 100

61 1534.2 126.6 235.2#

63 12792.9 91.3 169.5#





#13

Acetone

Concen: 3.035 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.03 min

Lab File: VU026781.D

Acq: 15 Sep 2018 16:41

Instrument :

MSVOA_U

ClientSampleId :

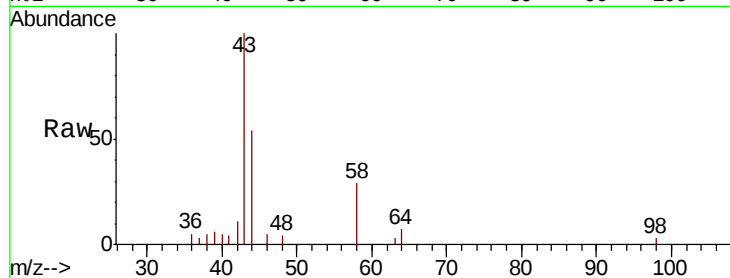
C0KY9

Tgt Ion: 43 Resp: 6105

Ion Ratio Lower Upper

43 100

58 27.0 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

4000

3000

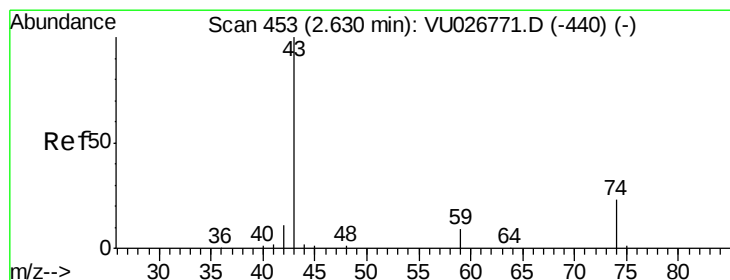
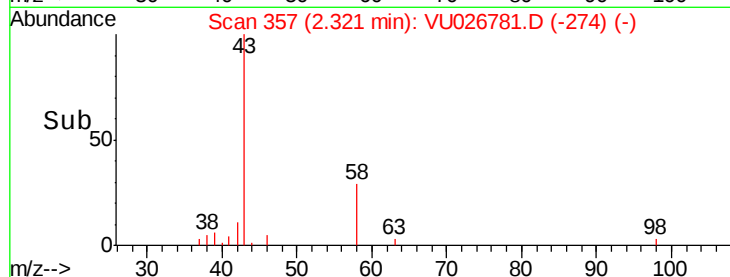
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 2.260 ug/L

RT: 2.45 min Scan# 396

Delta R.T. -0.18 min

Lab File: VU026781.D

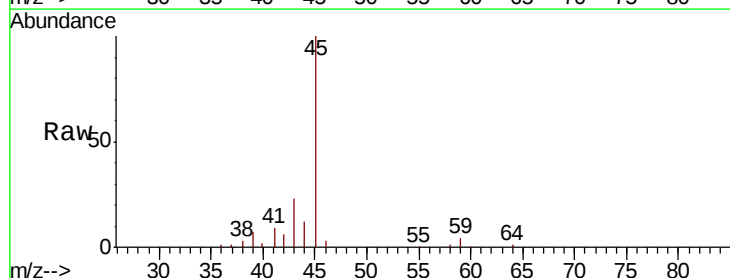
Acq: 15 Sep 2018 16:41

Tgt Ion: 43 Resp: 11926

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.45

6000

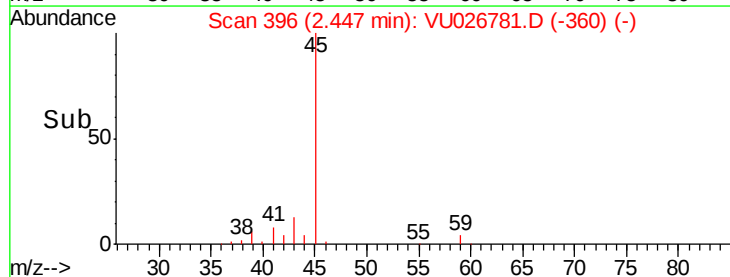
4000

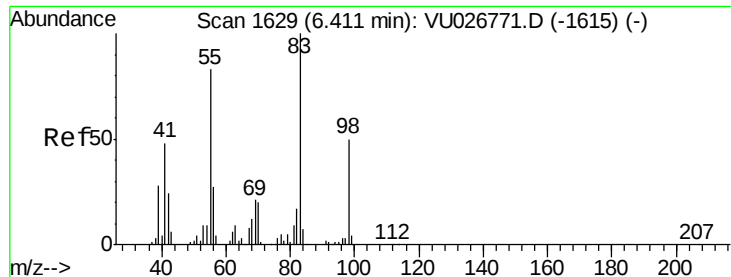
2000

0

Time-->

2.40 2.50

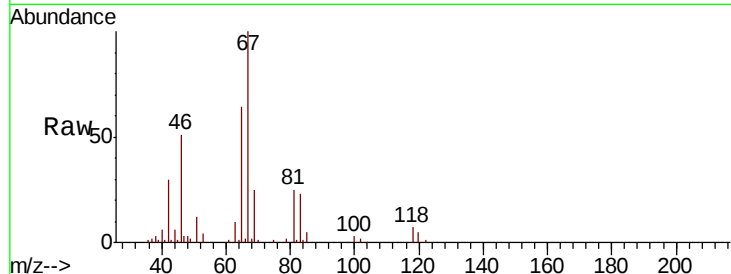




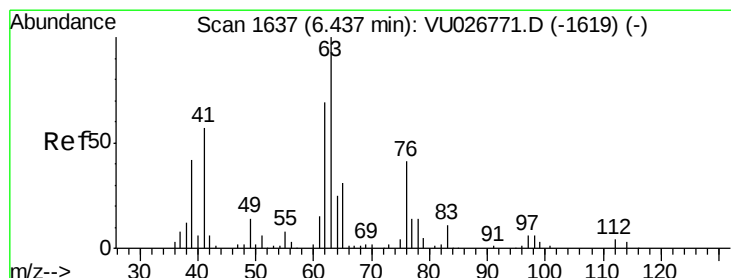
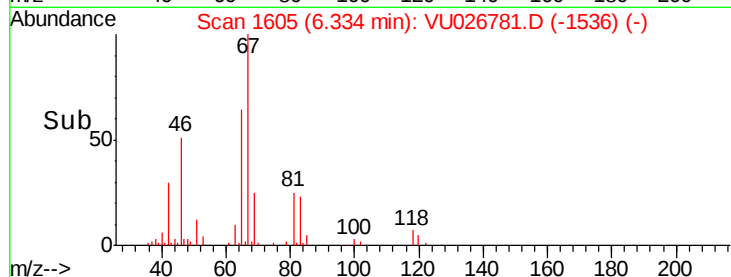
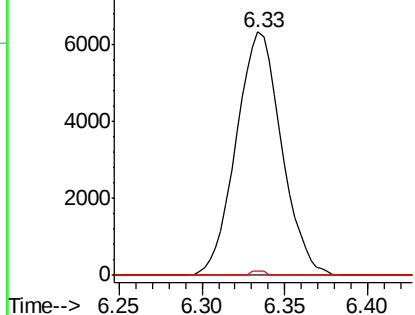
#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026781.D
Acq: 15 Sep 2018 16:41

Instrument :
MSVOA_U
ClientSampleId :
C0KY9

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.9	97.3#
98	0.5	39.3	58.9#

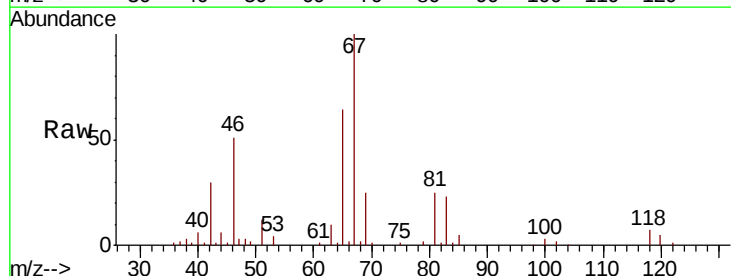


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

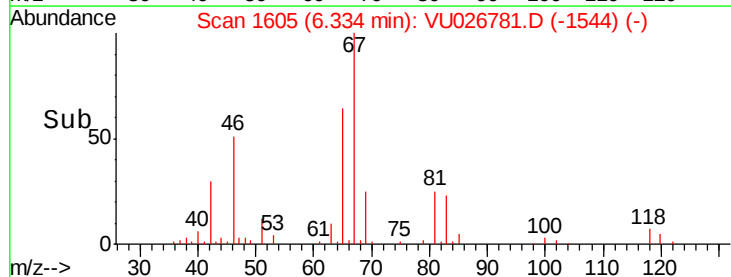
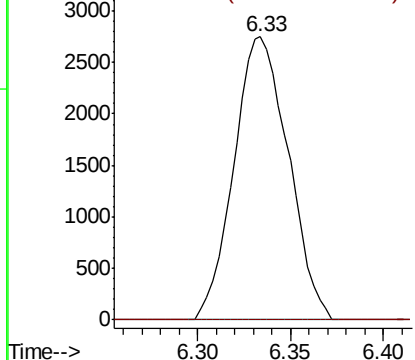


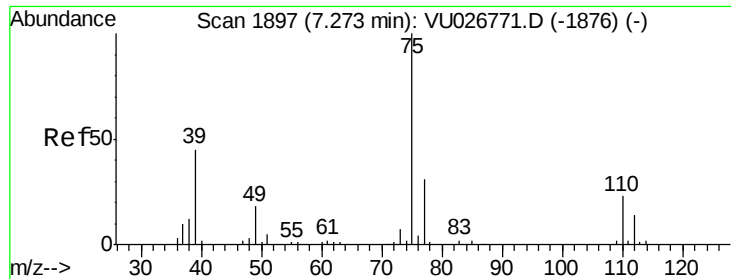
#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026781.D
Acq: 15 Sep 2018 16:41

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

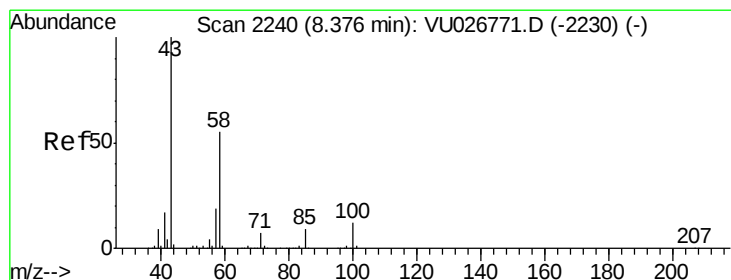
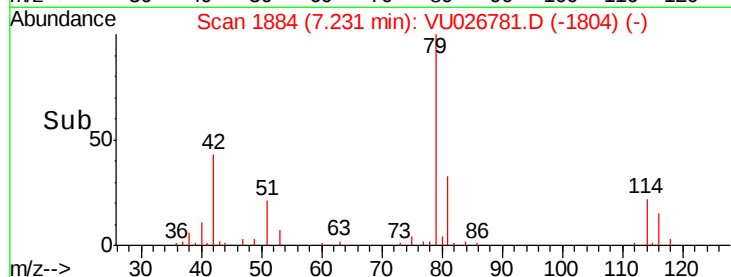
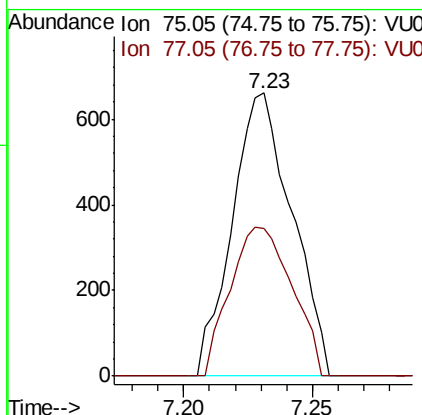
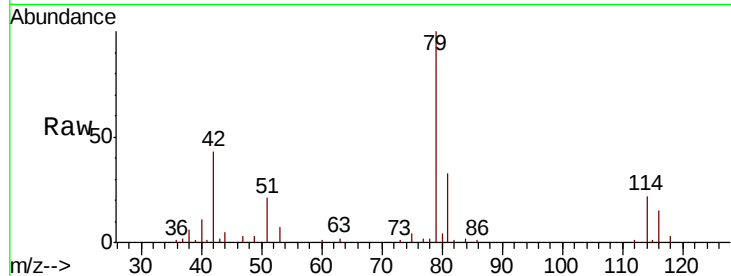




#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026781.D
 Acq: 15 Sep 2018 16:41

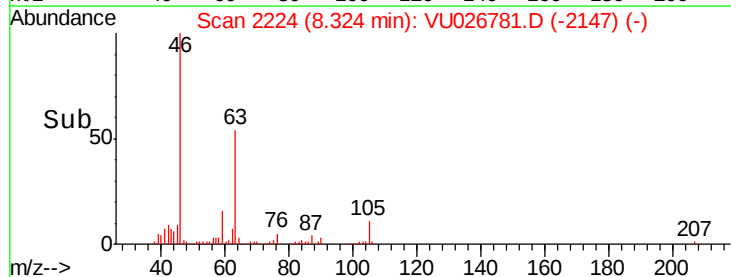
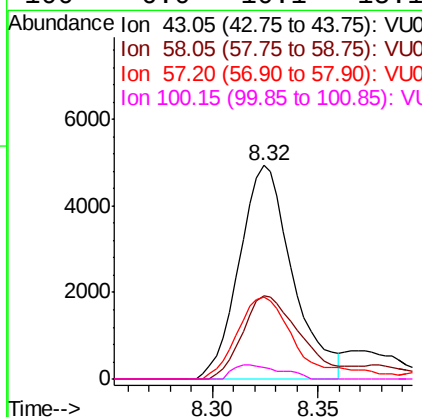
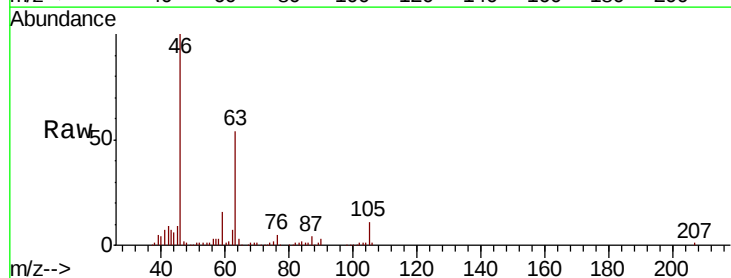
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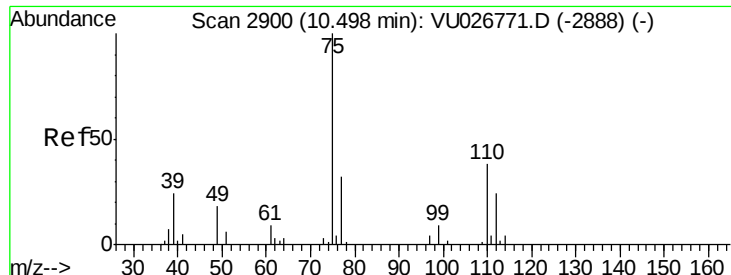
Tgt Ion: 75 Resp: 1068
 Ion Ratio Lower Upper
 75 100
 77 52.0 21.7 40.3#



#48
 2-Hexanone
 Concen: 1.838 ug/L
 RT: 8.32 min Scan# 2224
 Delta R.T. -0.05 min
 Lab File: VU026781.D
 Acq: 15 Sep 2018 16:41

Tgt Ion: 43 Resp: 8647
 Ion Ratio Lower Upper
 43 100
 58 42.6 43.7 65.5#
 57 43.2 15.2 22.8#
 100 6.0 10.1 15.1#





#59

1,2,3-Trichloropropane

Concen: 0.877 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026781.D

Acq: 15 Sep 2018 16:41

Instrument :

MSVOA_U

ClientSampleId :

C0KY9

Tgt Ion: 75 Resp: 5828

Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9

