

Data File : VU026668.D
Acq On : 10 Sep 2018 22:42
Operator : MD/SY
Sample : J4837-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08S0

Quant Time: Sep 11 07:11:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 07:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	179706	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166472	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72231	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62912	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.96%
7) Chloroethane-d5	1.68	69	52834	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.92%
11) 1,1-Dichloroethene-d2	2.27	63	82831	34.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.12%
21) 2-Butanone-d5	4.18	46	86534	103.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	4.65	84	108365	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
26) 1,2-Dichloroethane-d4	5.31	65	72405	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
32) Benzene-d6	5.34	84	219227	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
36) 1,2-Dichloropropane-d6	6.33	67	75525	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.48%
41) Toluene-d8	7.57	98	194078	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%
43) trans-1,3-Dichloropropene-	7.85	79	31674	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.24%
47) 2-Hexanone-d5	8.31	63	61141	103.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97970	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	74145	51.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.98%

Target Compounds

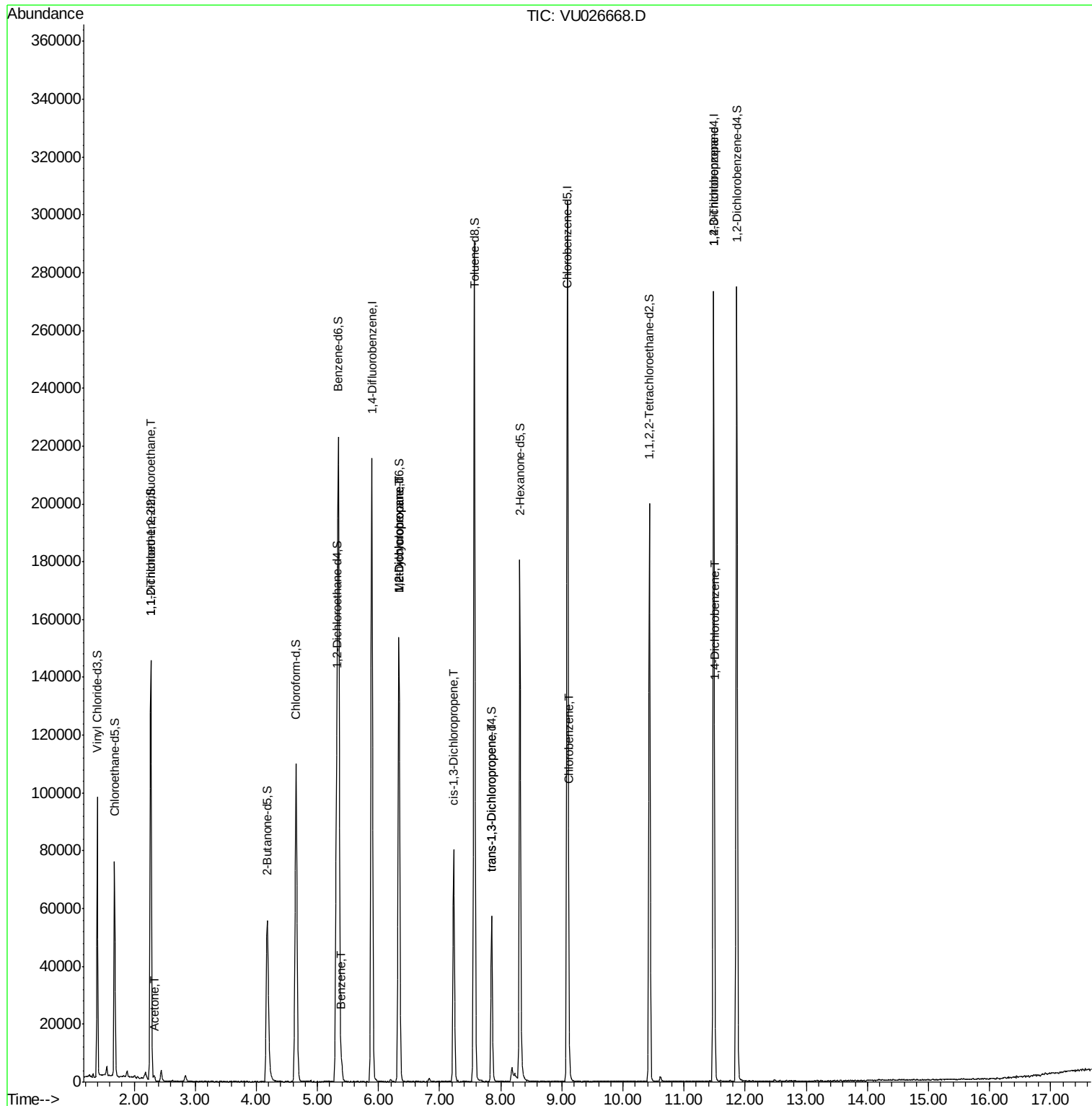
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	768	0.696 ug/L #	18
13) Acetone	2.32	43	1029	1.084 ug/L	79
33) Benzene	5.40	78	5624	1.206 ug/L	100
35) Methylcyclohexane	6.33	83	16837	9.078 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7848	6.026 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1776	0.922 ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1436	0.801 ug/L	83
51) Chlorobenzene	9.12	112	4499	1.418 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	8344	5.415 ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	1384	0.630 ug/L	95

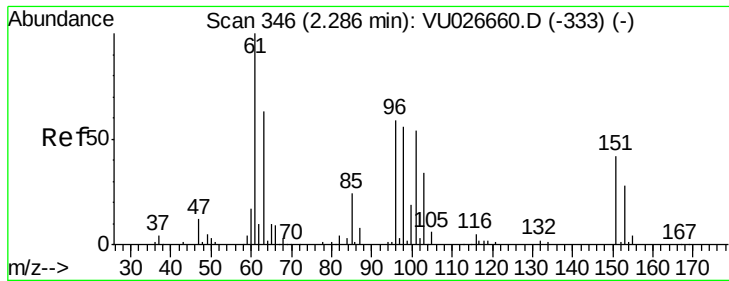
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.696 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026668.D

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Instrument :

MSVOA_U

ClientSampleId :

C08S0

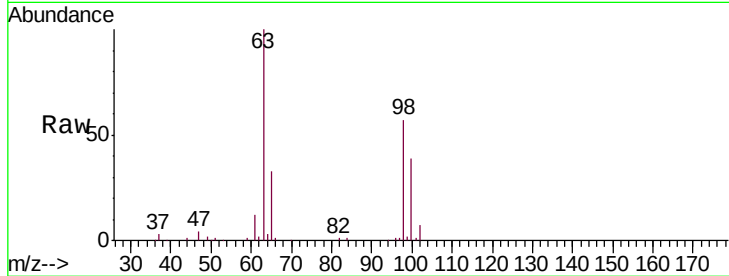
Tgt Ion:101 Resp: 768

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

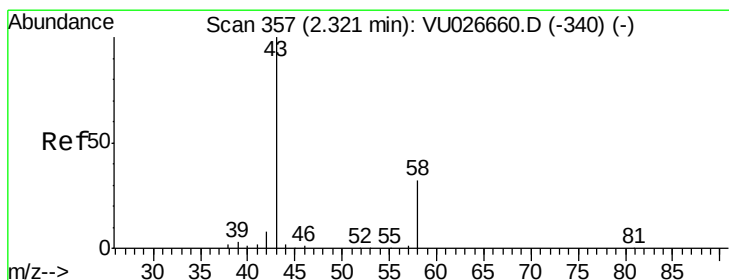
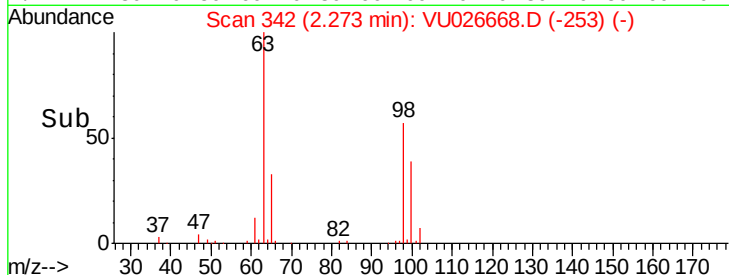
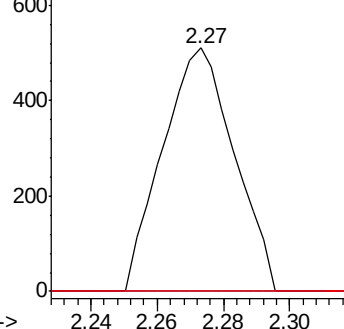
151 0.0 62.6 94.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.084 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026668.D

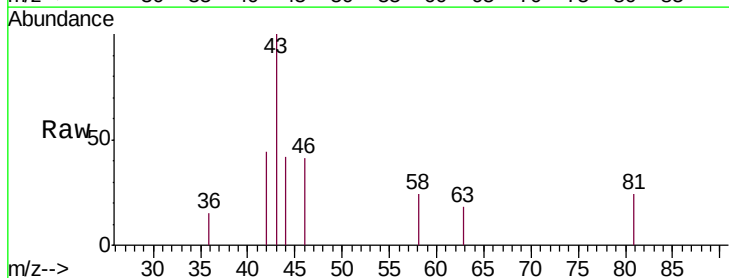
Acq: 10 Sep 2018 22:42

Tgt Ion: 43 Resp: 1029

Ion Ratio Lower Upper

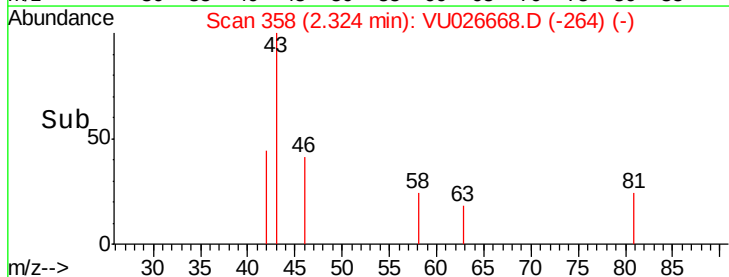
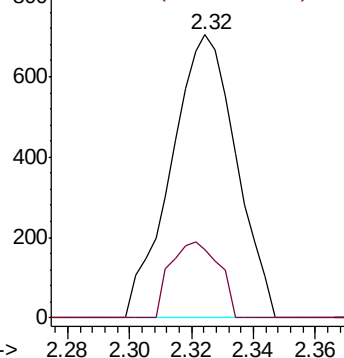
43 100

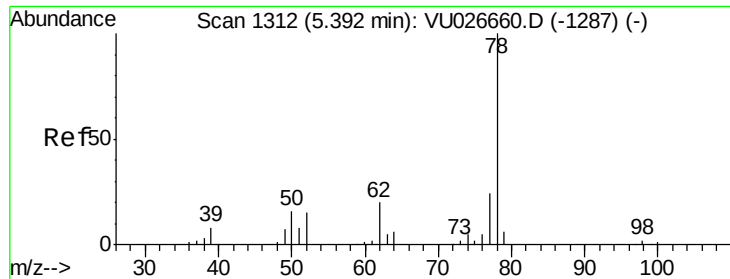
58 20.0 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

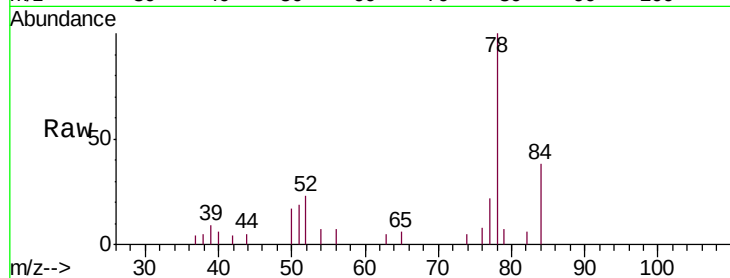




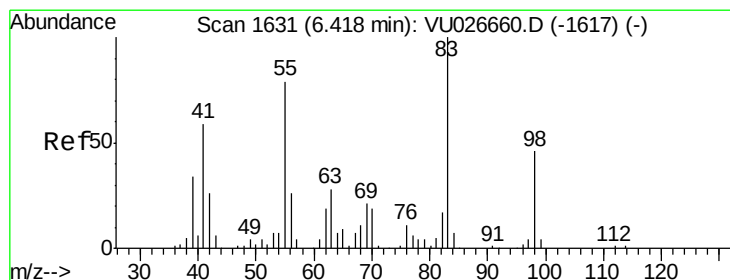
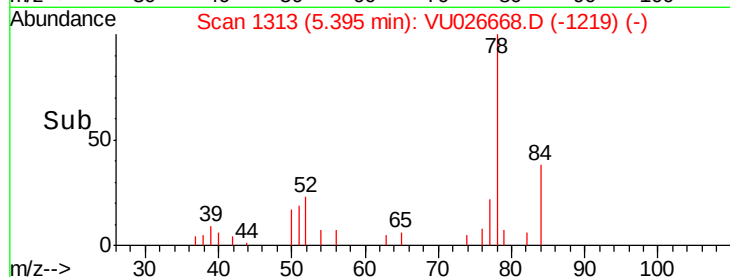
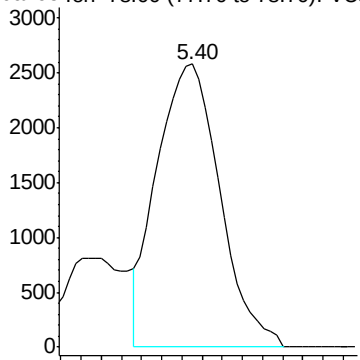
#33
Benzene
Concen: 1.206 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU026668.D
Acq: 10 Sep 2018 22:42

Instrument :
MSVOA_U
ClientSampled :
C08S0

Tgt Ion: 78 Resp: 5624

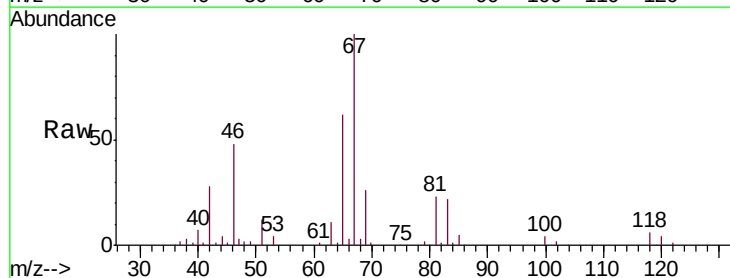


Abundance Ion 78.00 (77.70 to 78.70): VU0



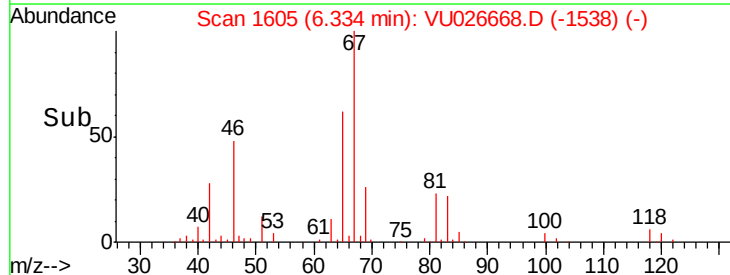
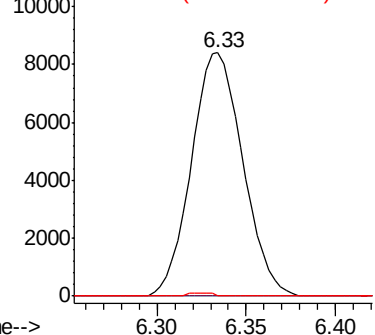
#35
Methylcyclohexane
Concen: 9.078 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026668.D
Acq: 10 Sep 2018 22:42

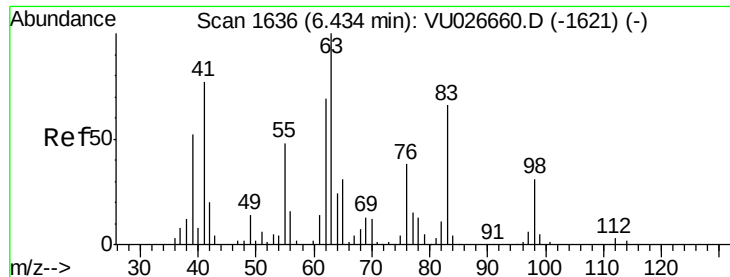
Tgt Ion: 83 Resp: 16837
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.4 37.0 55.4#



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

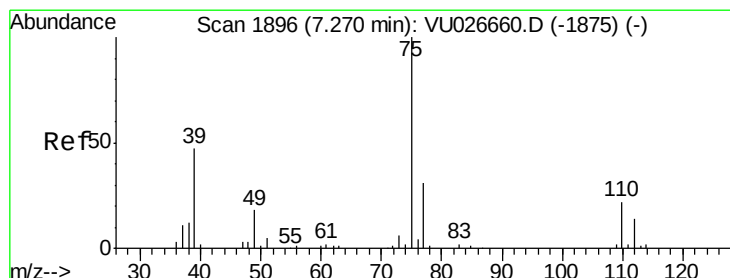
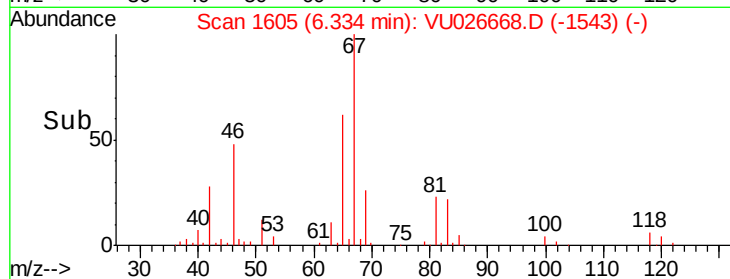
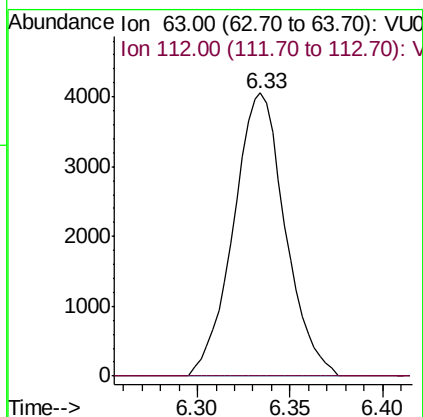
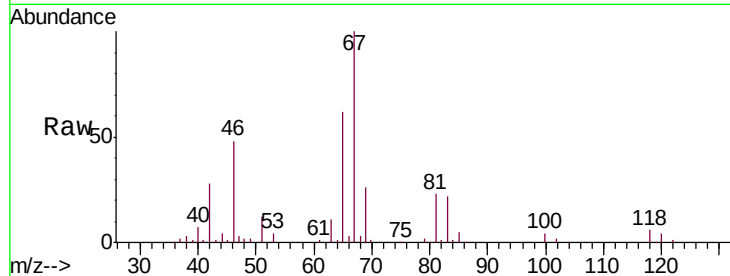




#37
 1,2-Dichloropropane
 Concen: 6.026 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026668.D
 Acq: 10 Sep 2018 22:42

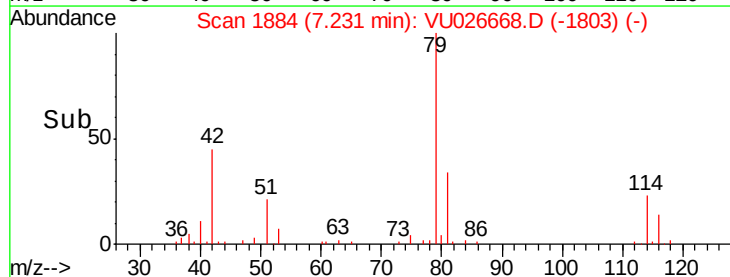
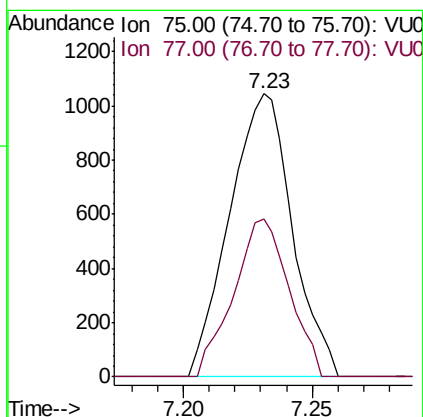
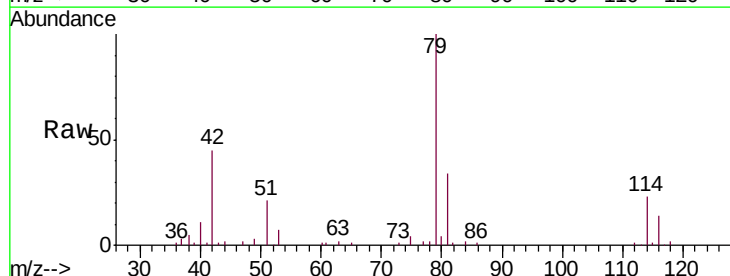
Instrument :
 MSVOA_U
 ClientSampleId :
 C08S0

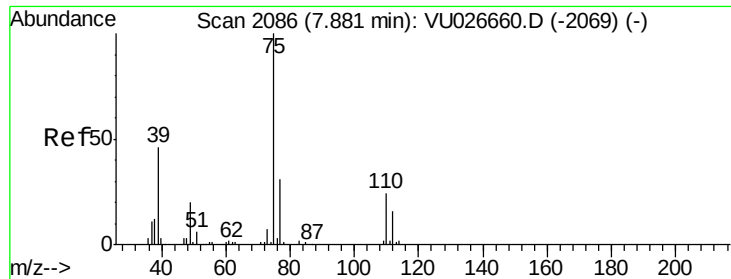
Tgt Ion: 63 Resp: 7848
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.922 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026668.D
 Acq: 10 Sep 2018 22:42

Tgt Ion: 75 Resp: 1776
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.801 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026668.D

Acq: 10 Sep 2018 22:42

Instrument :

MSVOA_U

ClientSampleId :

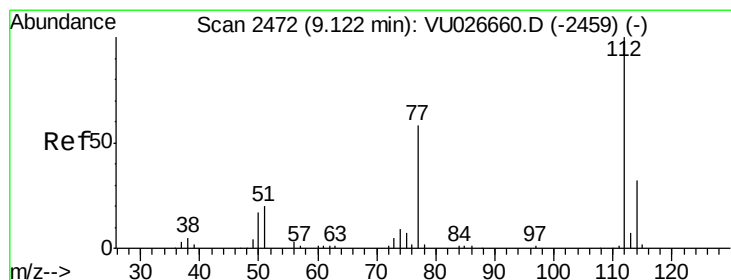
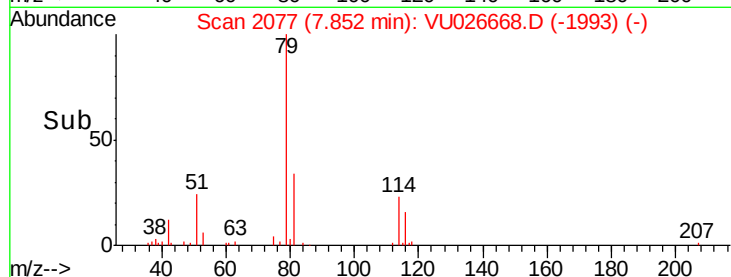
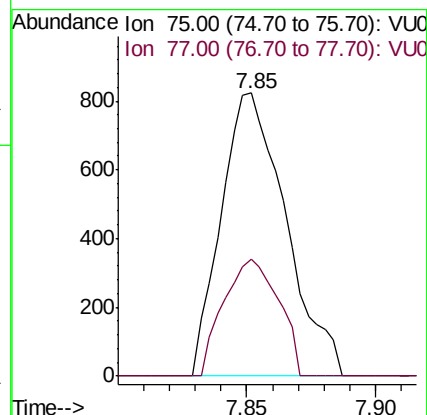
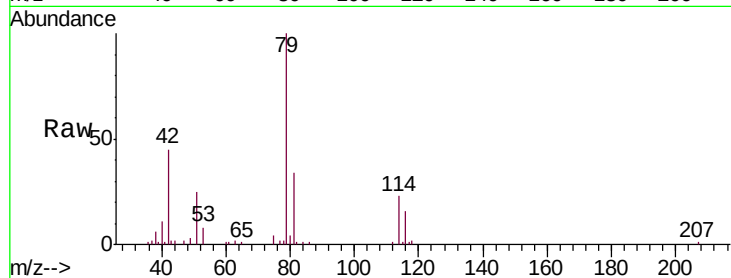
C08S0

Tgt Ion: 75 Resp: 1436

Ion Ratio Lower Upper

75 100

77 41.4 22.4 41.6



#51

Chlorobenzene

Concen: 1.418 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU026668.D

Acq: 10 Sep 2018 22:42

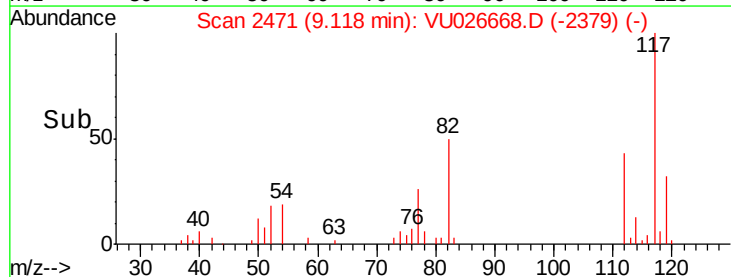
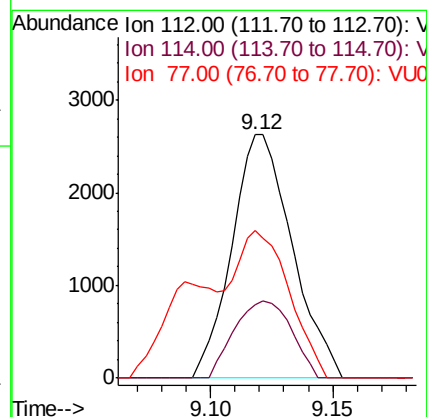
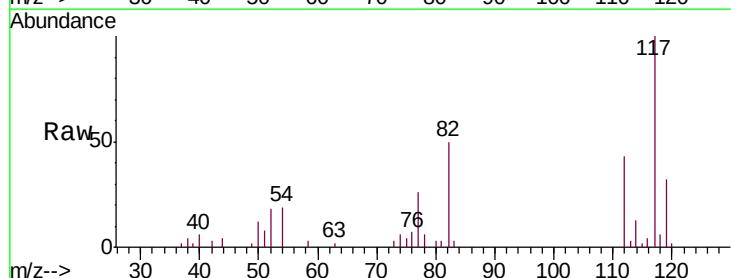
Tgt Ion: 112 Resp: 4499

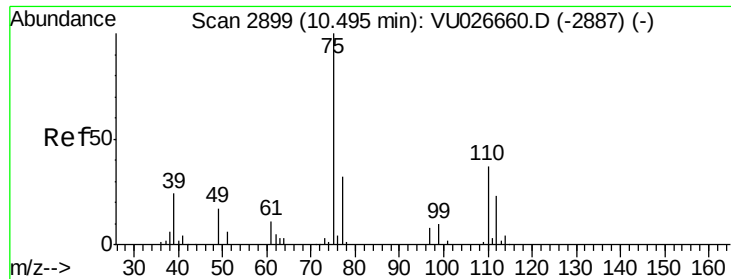
Ion Ratio Lower Upper

112 100

114 30.3 22.9 42.5

77 60.4 47.2 70.8





#59

1,2,3-Trichloropropane

Concen: 5.415 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026668.D

Acq: 10 Sep 2018 22:42

Instrument :

MSVOA_U

ClientSampleId :

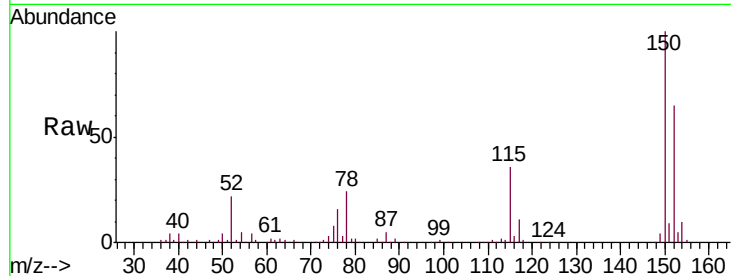
C08S0

Tgt Ion: 75 Resp: 8344

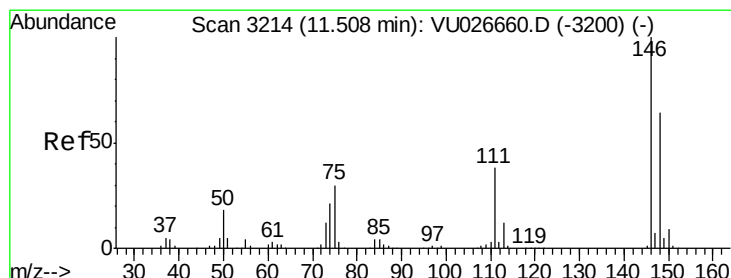
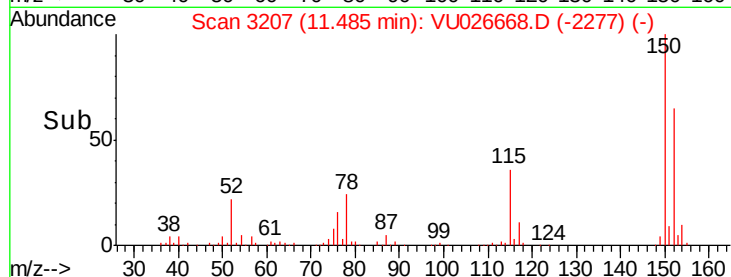
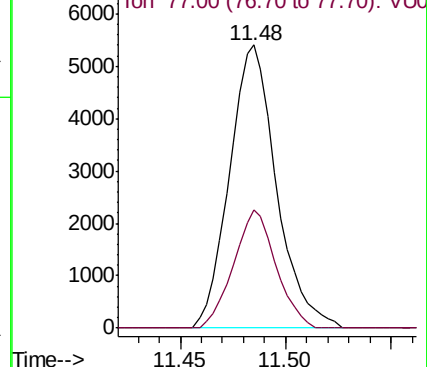
Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU026668.D (-2277) (-)



#63

1,4-Dichlorobenzene

Concen: 0.630 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026668.D

Acq: 10 Sep 2018 22:42

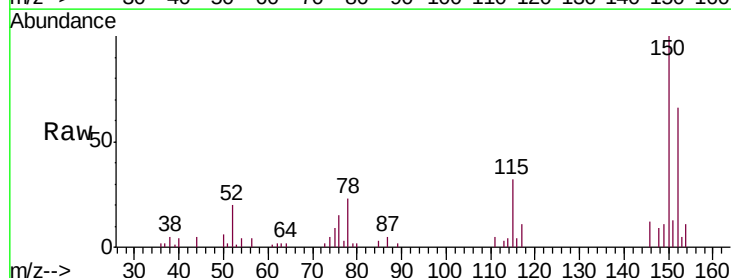
Tgt Ion: 146 Resp: 1384

Ion Ratio Lower Upper

146 100

111 39.2 26.5 49.3

148 70.2 45.2 84.0



Abundance Ion 146.00 (145.70 to 146.70): VU026668.D (-3090) (-)

