

Data File : VU026963.D
Acq On : 21 Sep 2018 03:12
Operator : MD/SY
Sample : J5012-20 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08R1

Quant Time: Sep 21 06:02:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	208464	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	67910	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79167	51.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.68%
7) Chloroethane-d5	1.66	69	73071	55.36	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.72%
11) 1,1-Dichloroethene-d2	2.27	63	104018	35.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.30%
21) 2-Butanone-d5	4.18	46	132320	129.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.30%
24) Chloroform-d	4.65	84	149048	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
26) 1,2-Dichloroethane-d4	5.31	65	100148	55.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.20%
32) Benzene-d6	5.34	84	287119	55.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.10%
36) 1,2-Dichloropropane-d6	6.33	67	98823	58.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.62%
41) Toluene-d8	7.57	98	222594	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.85	79	39465	52.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.20%
47) 2-Hexanone-d5	8.31	63	93205	141.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.12%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142079	60.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.28%#
64) 1,2-Dichlorobenzene-d4	11.86	152	85223	60.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.66%#

Target Compounds

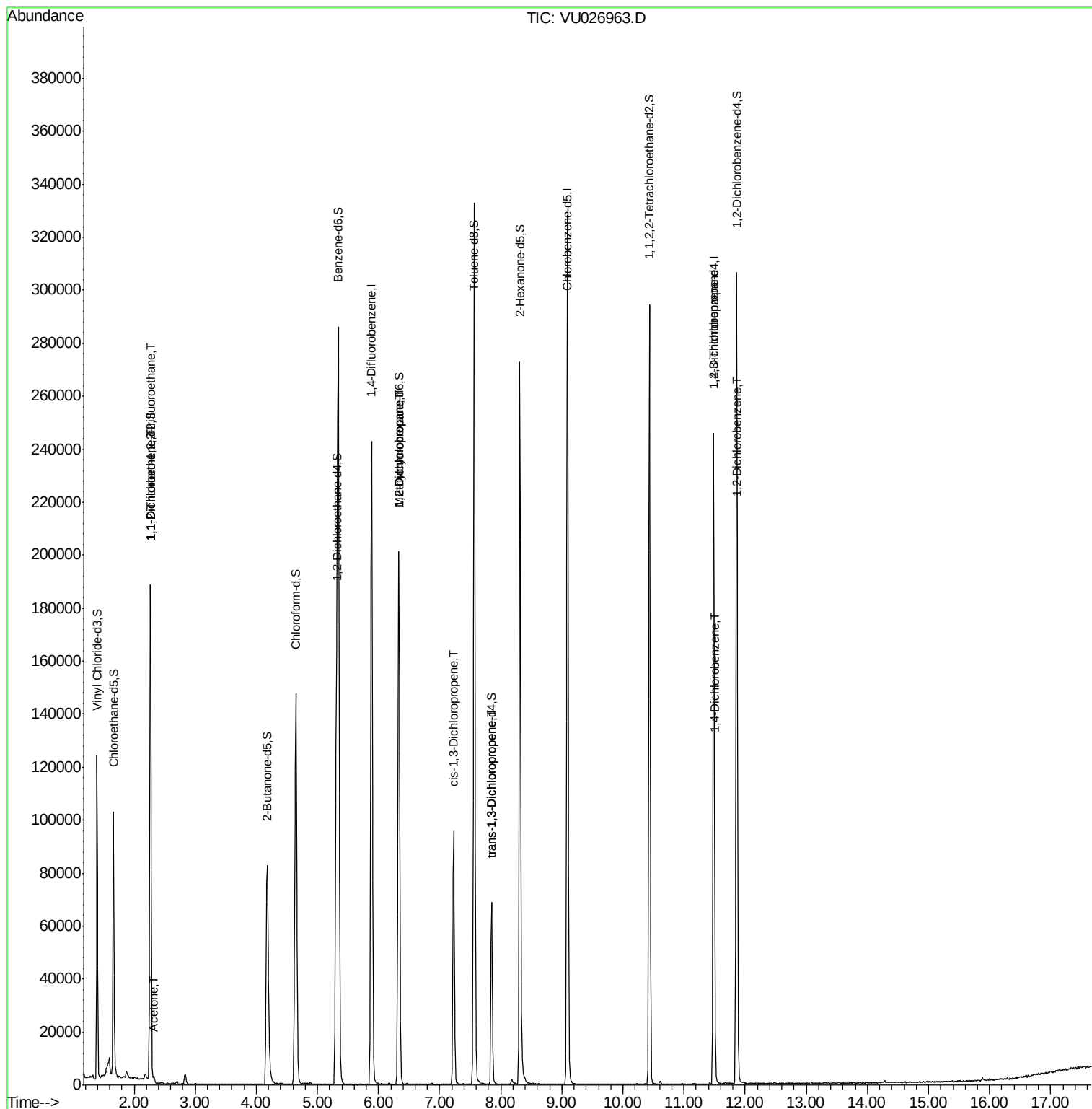
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	941	0.654	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	782	0.578	ug/L #	1
13) Acetone	2.33	43	783	0.778	ug/L	66
35) Methylcyclohexane	6.33	83	23254	10.304	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9860	6.221	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2155	0.963	ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	1508	0.719	ug/L #	78
59) 1,2,3-Trichloropropane	11.49	75	7873	4.147	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	2474	1.085	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	2572	1.122	ug/L	89

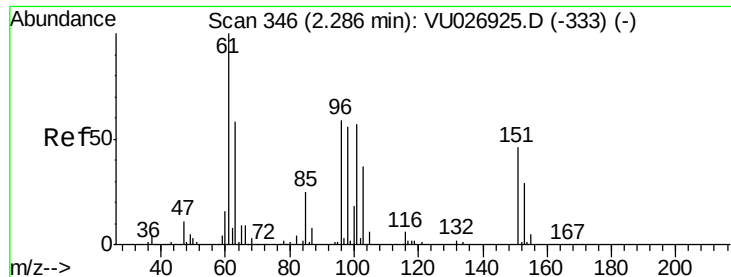
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.654 ug/L

RT: 2.26 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU026963.D

Acq: 21 Sep 2018 03:12

Instrument :

MSVOA_U

ClientSampled :

C08R1

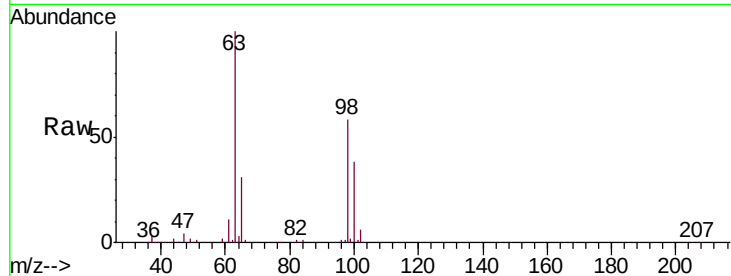
Tgt Ion: 101 Resp: 941

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

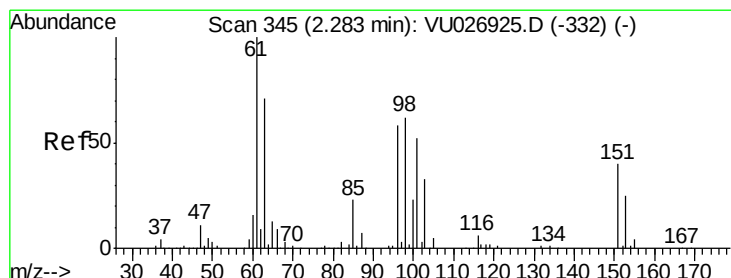
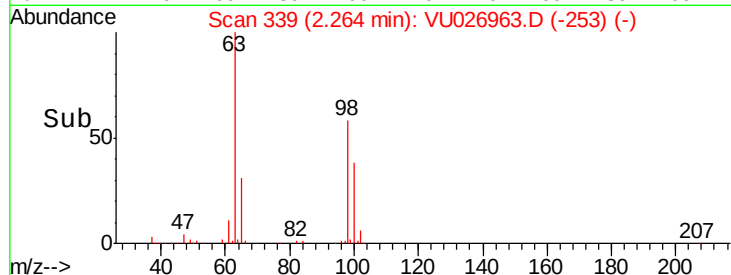
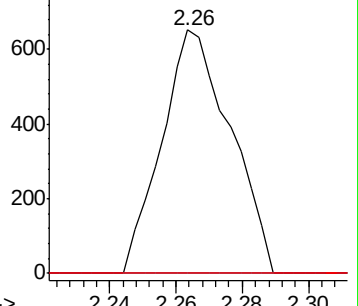
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.578 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026963.D

Acq: 21 Sep 2018 03:12

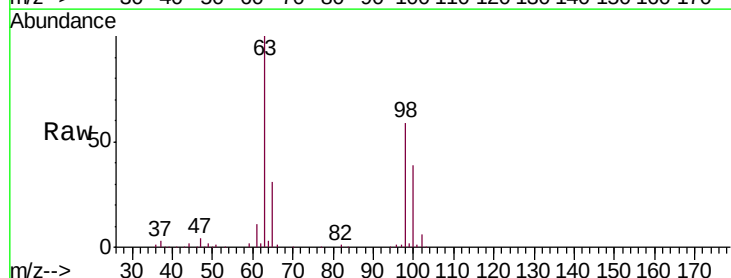
Tgt Ion: 96 Resp: 782

Ion Ratio Lower Upper

96 100

61 1207.2 124.0 230.4#

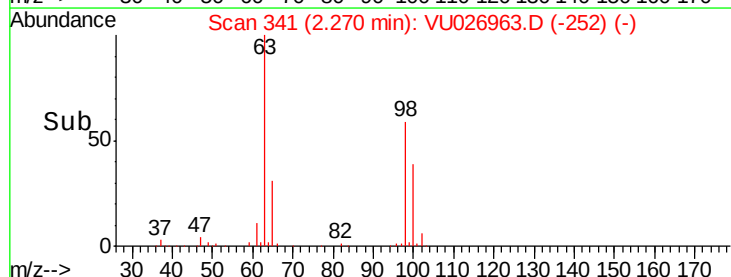
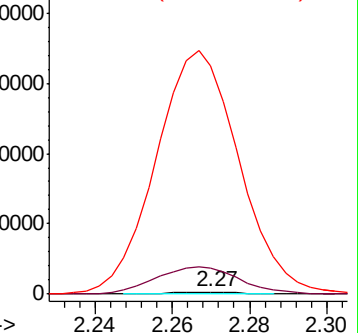
63 10600.0 97.7 181.5#

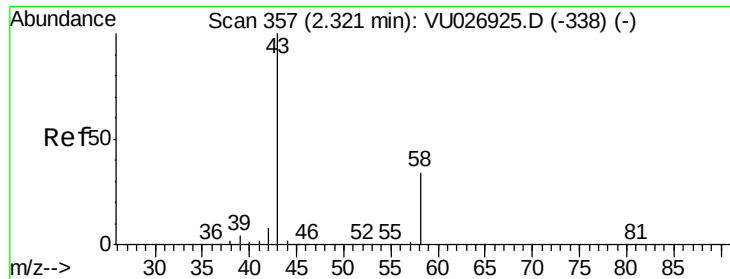


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.778 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

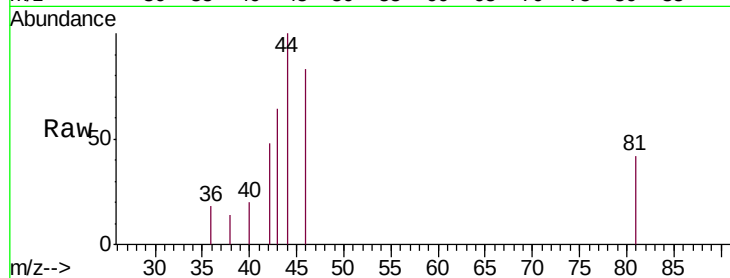
C08R1

Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

58 13.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

500

400

300

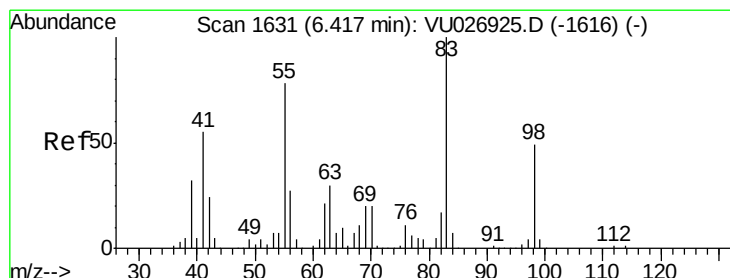
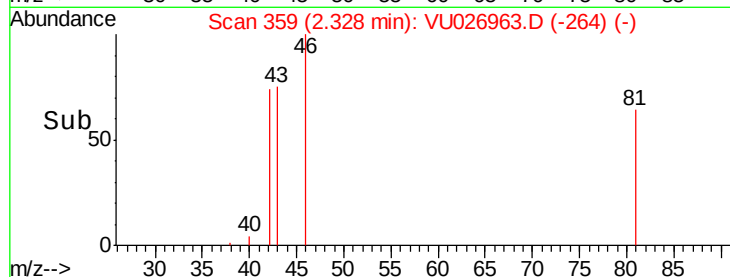
200

100

0

Time-->

2.30 2.32 2.34



#35

Methylcyclohexane

Concen: 10.304 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026963.D

Acq: 21 Sep 2018 03:12

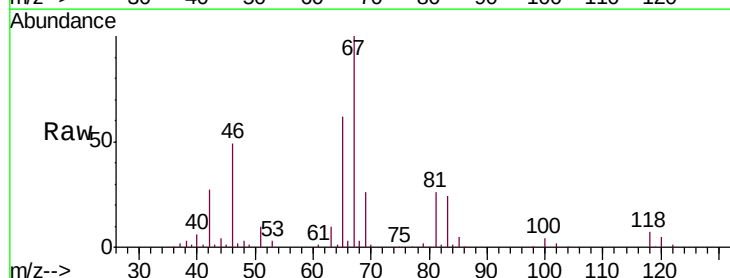
Tgt Ion: 83 Resp: 23254

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 0.3 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

15000

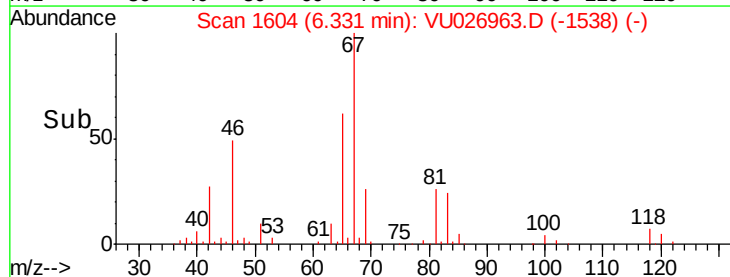
10000

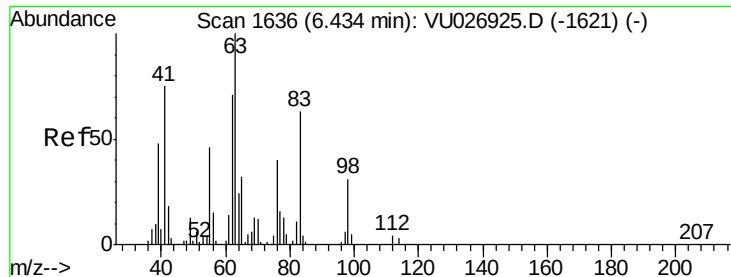
5000

0

Time-->

6.25 6.30 6.35 6.40

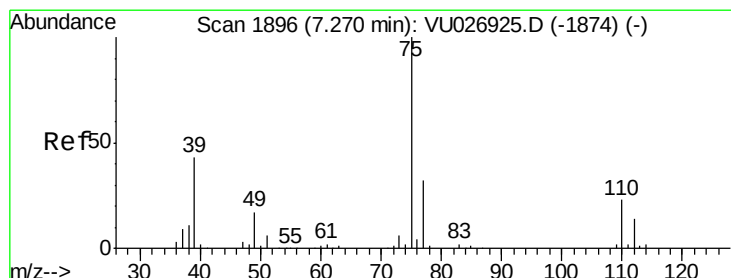
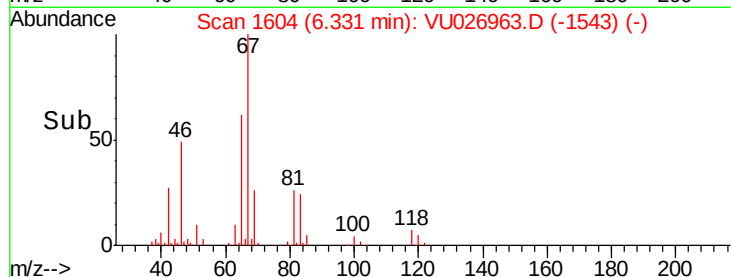
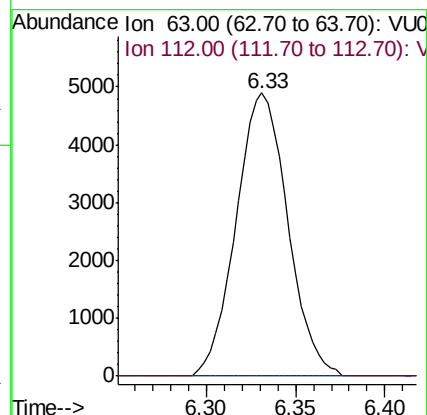
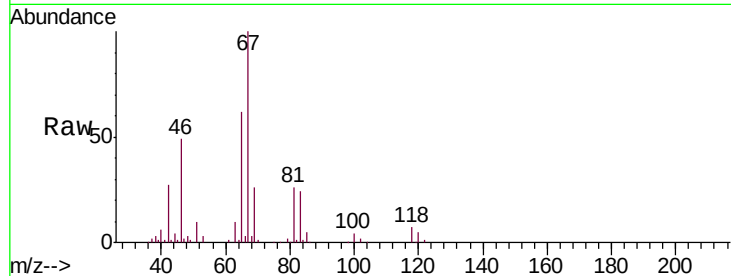




#37
 1,2-Dichloropropane
 Concen: 6.221 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026963.D
 Acq: 21 Sep 2018 03:12

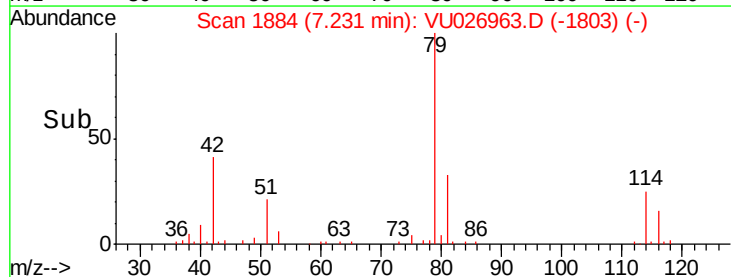
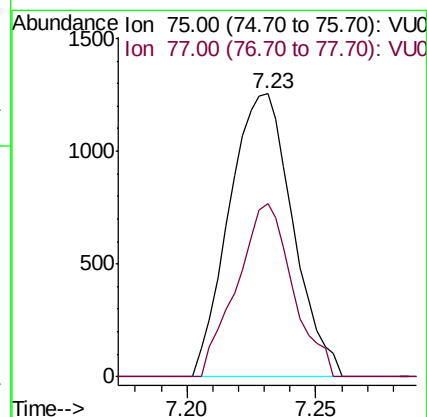
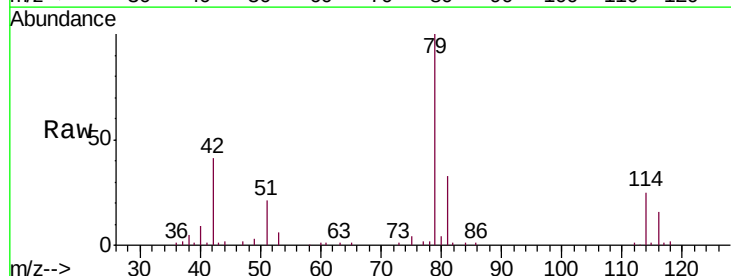
Instrument :
 MSVOA_U
 ClientSampled :
 C08R1

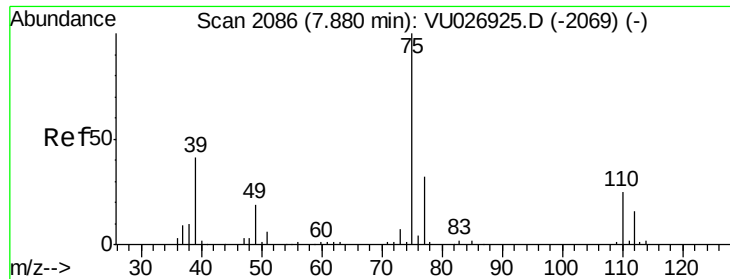
Tgt Ion: 63 Resp: 9860
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.963 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026963.D
 Acq: 21 Sep 2018 03:12

Tgt Ion: 75 Resp: 2155
 Ion Ratio Lower Upper
 75 100
 77 61.0 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.719 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026963.D

Acq: 21 Sep 2018 03:12

Instrument :

MSVOA_U

ClientSampleId :

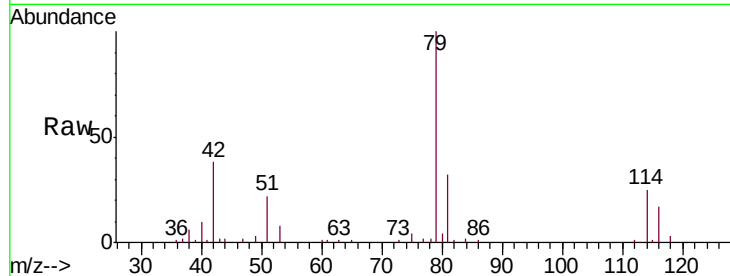
C08R1

Tgt Ion: 75 Resp: 1508

Ion Ratio Lower Upper

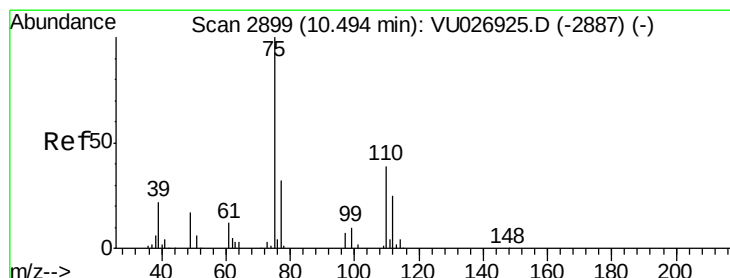
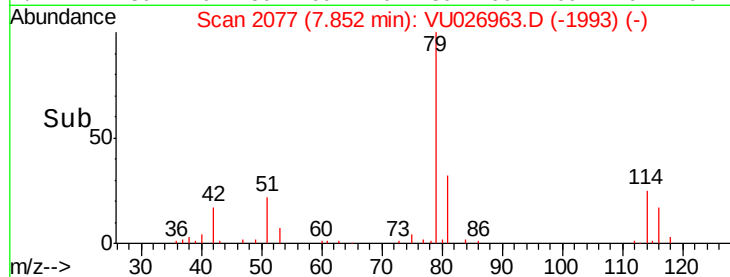
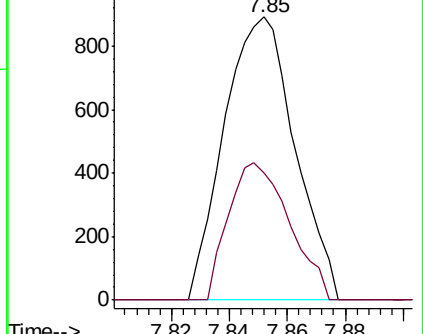
75 100

77 45.1 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: 4.147 ug/L

RT: 11.49 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026963.D

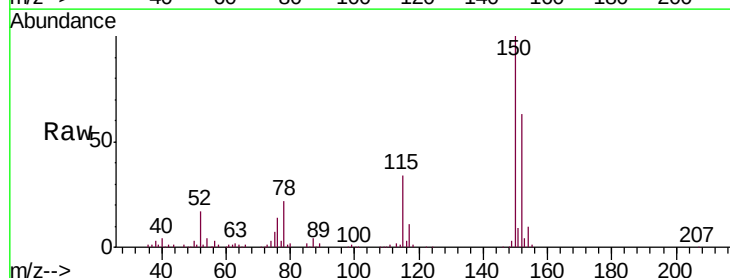
Acq: 21 Sep 2018 03:12

Tgt Ion: 75 Resp: 7873

Ion Ratio Lower Upper

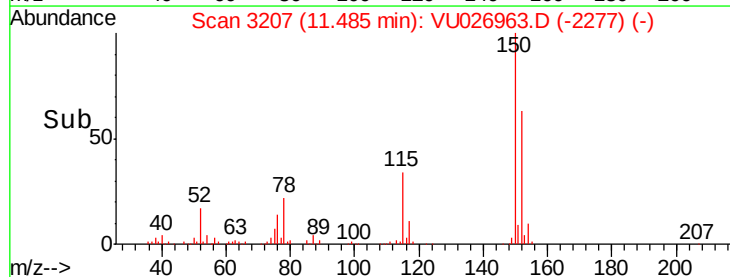
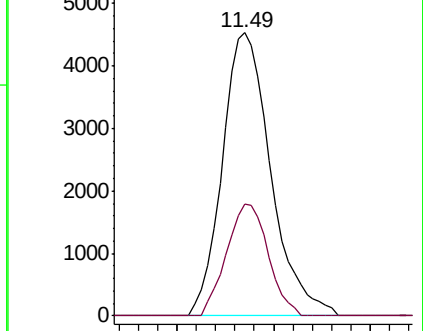
75 100

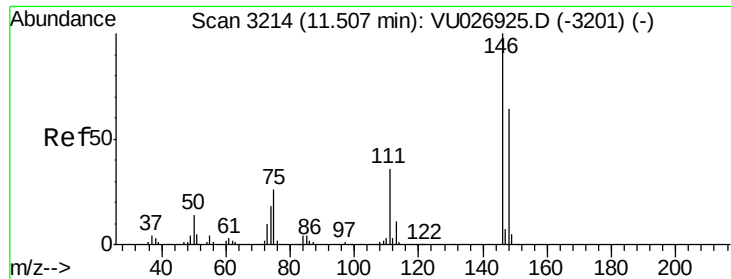
77 33.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

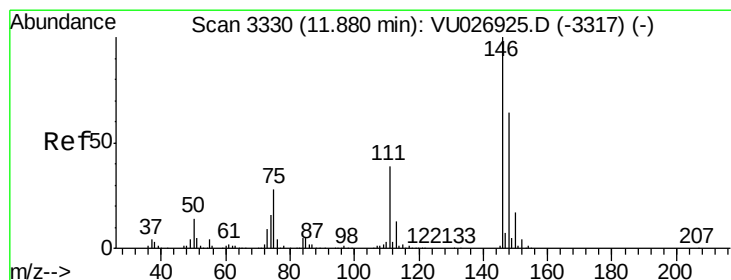
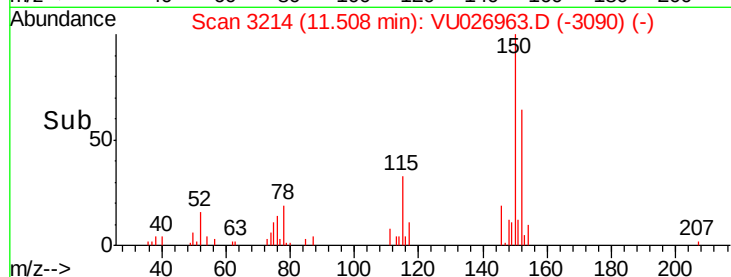
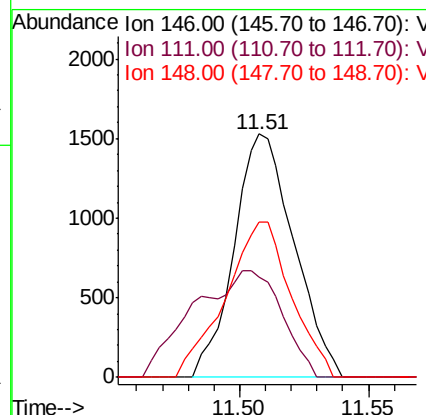
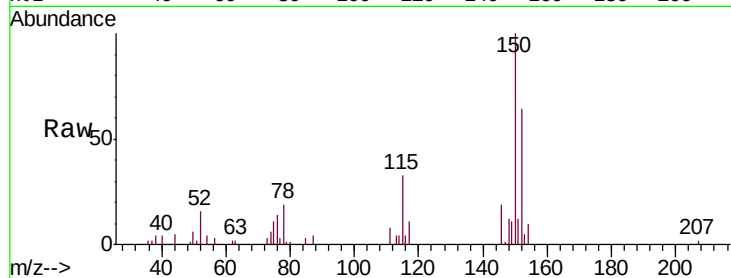




#63
 1,4-Dichlorobenzene
 Concen: 1.085 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026963.D
 Acq: 21 Sep 2018 03:12

Instrument :
 MSVOA_U
 ClientSampleId :
 C08R1

Tgt Ion:146 Resp: 2474
 Ion Ratio Lower Upper
 146 100
 111 41.4 26.0 48.2
 148 64.0 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 1.122 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026963.D
 Acq: 21 Sep 2018 03:12

Tgt Ion:146 Resp: 2572
 Ion Ratio Lower Upper
 146 100
 111 46.7 31.4 47.0
 148 72.8 51.4 77.2

