

Data File : VU026927.D
Acq On : 20 Sep 2018 10:46
Operator : MD/SY
Sample : J4893-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08K0

Quant Time: Sep 21 04:24:36 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	190393	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180020	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81421	57.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.62%
7) Chloroethane-d5	1.68	69	69339	57.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.04%
11) 1,1-Dichloroethene-d2	2.27	63	112842	42.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.68%
21) 2-Butanone-d5	4.18	46	107050	114.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.54%
24) Chloroform-d	4.65	84	136570	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.54%
26) 1,2-Dichloroethane-d4	5.31	65	88327	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
32) Benzene-d6	5.34	84	283716	56.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.48%
36) 1,2-Dichloropropane-d6	6.33	67	91652	56.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.76%
41) Toluene-d8	7.57	98	244012	53.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.08%
43) trans-1,3-Dichloropropene-	7.85	79	39197	54.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.02%
47) 2-Hexanone-d5	8.31	63	72895	114.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117949	52.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	93565	58.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.92%

Target Compounds

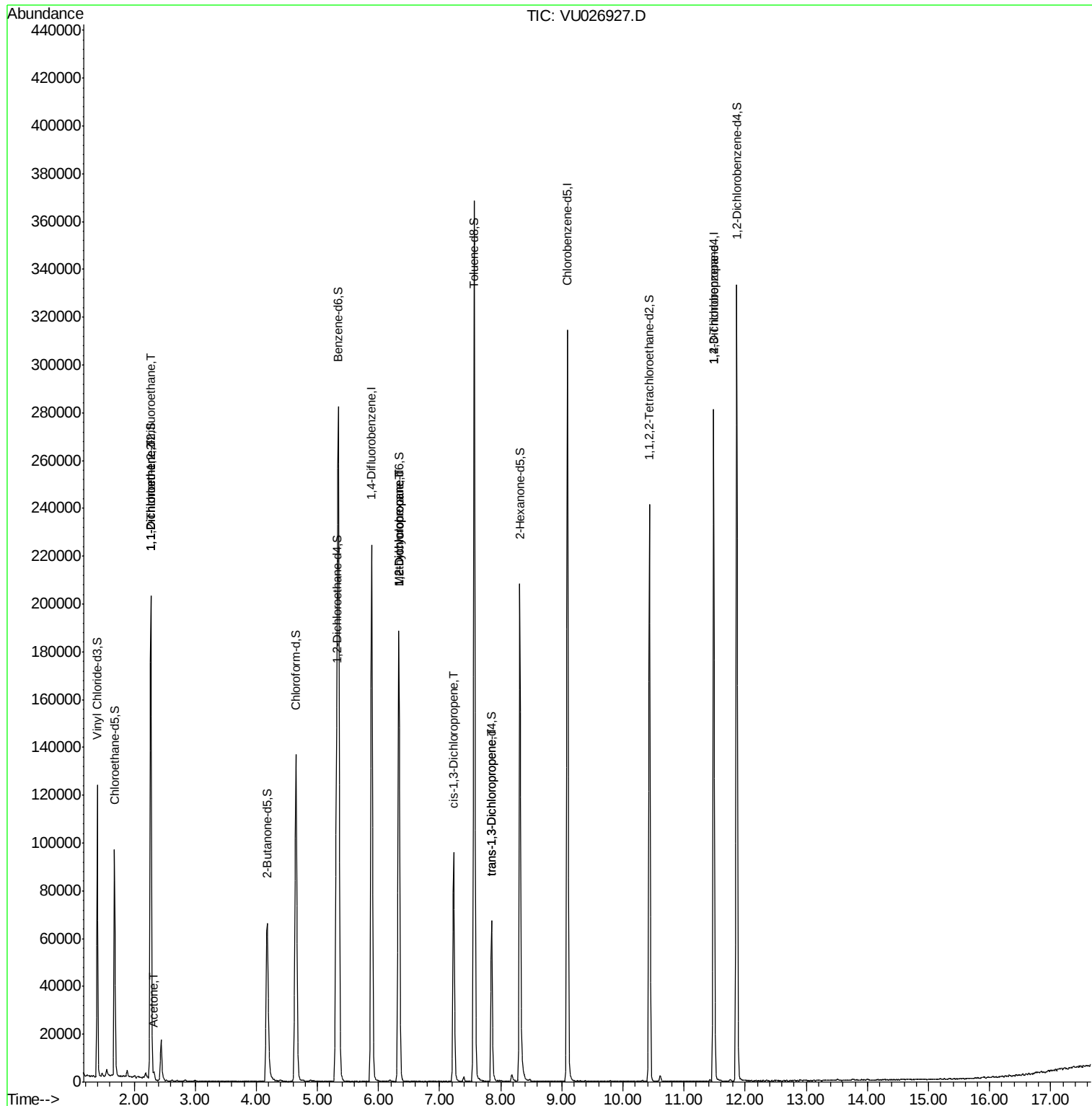
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1060	0.806	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	947	0.767	ug/L #	1
13) Acetone	2.32	43	2337	2.544	ug/L	98
35) Methylcyclohexane	6.33	83	21561	9.876	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	9631	6.282	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2201	1.016	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1689	0.833	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	8535	4.647	ug/L	91

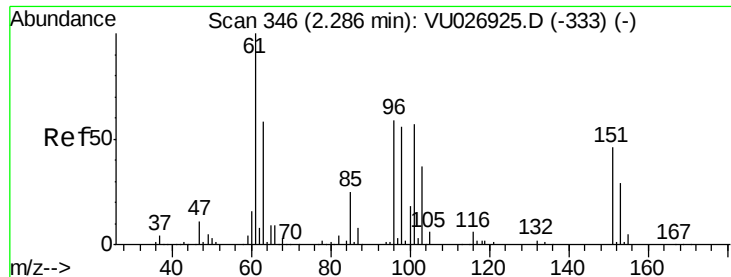
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.806 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

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Acq: 20 Sep 2018 10:46

Instrument :

MSVOA_U

ClientSampleId :

C08K0

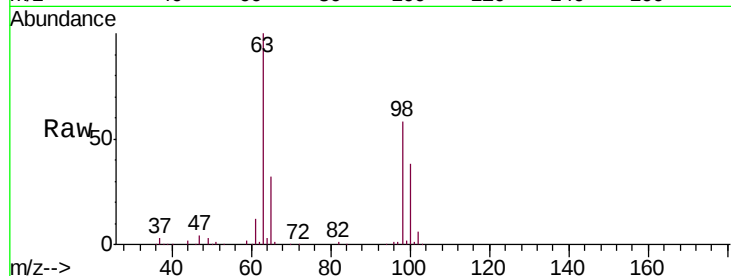
Tgt Ion: 101 Resp: 1060

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

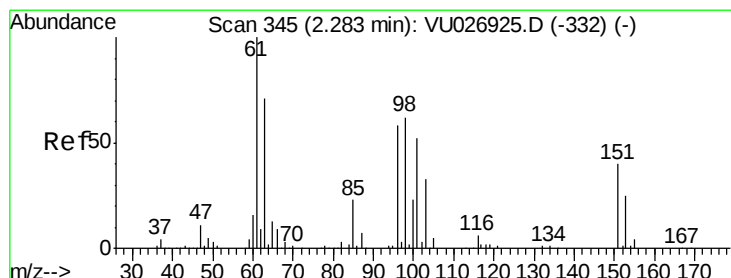
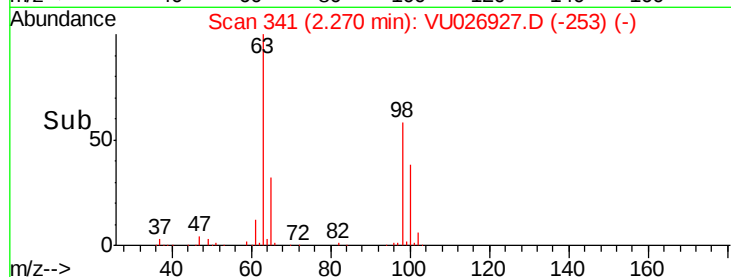
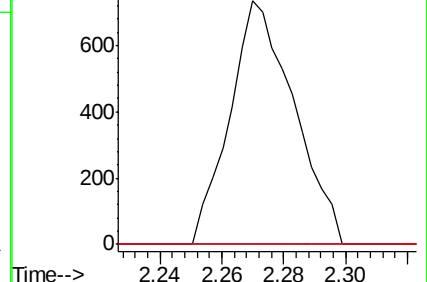
151 0.0 63.0 94.4#



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: 0.767 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026927.D

Acq: 20 Sep 2018 10:46

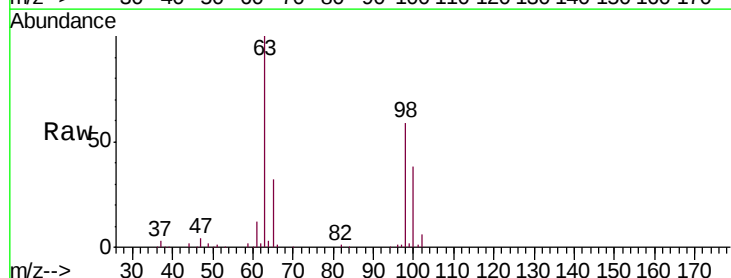
Tgt Ion: 96 Resp: 947

Ion Ratio Lower Upper

96 100

61 1691.4 124.0 230.4#

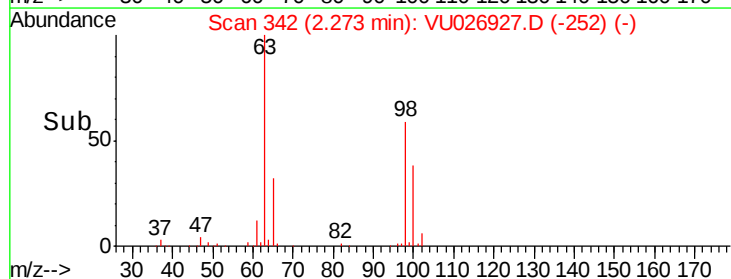
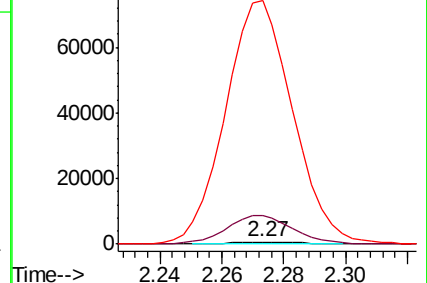
63 14228.4 97.7 181.5#

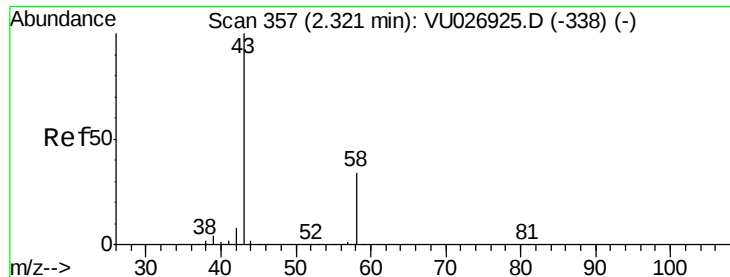


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.544 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

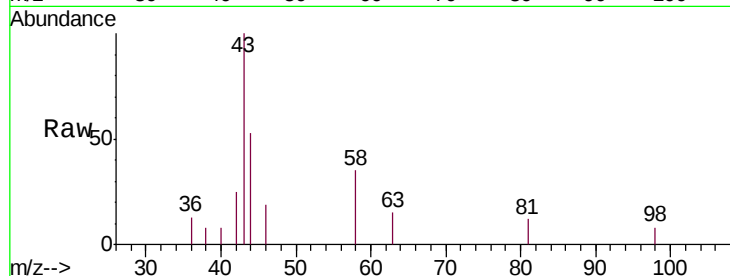
C08K0

Tgt Ion: 43 Resp: 2337

Ion Ratio Lower Upper

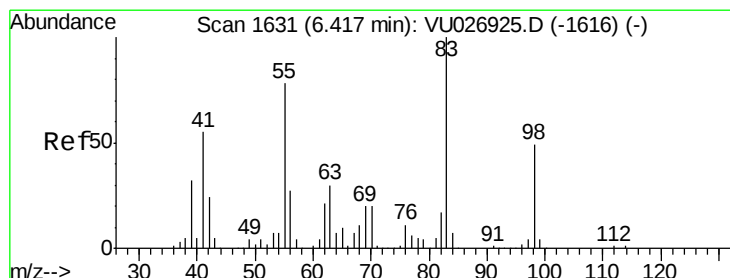
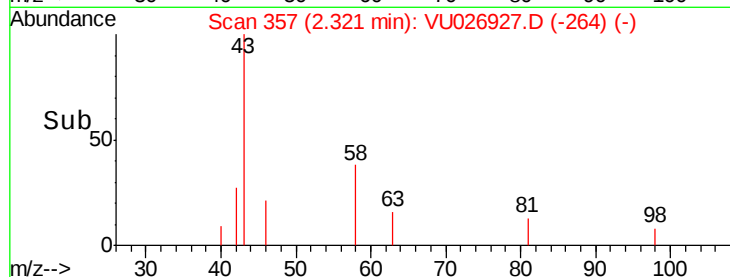
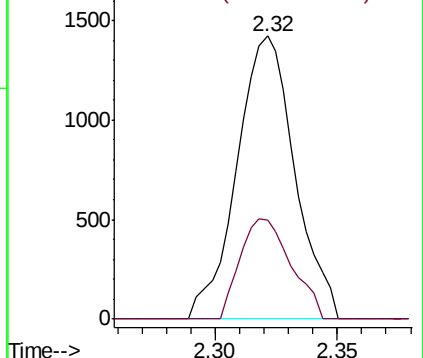
43 100

58 31.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 9.876 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026927.D

Acq: 20 Sep 2018 10:46

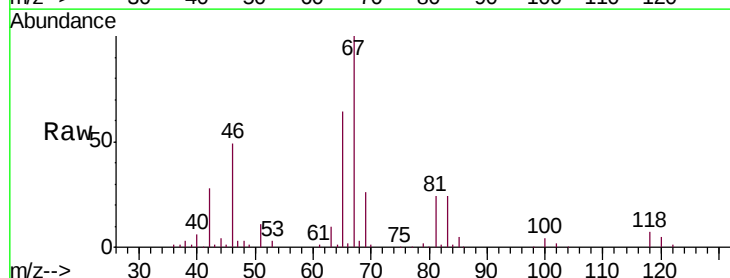
Tgt Ion: 83 Resp: 21561

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

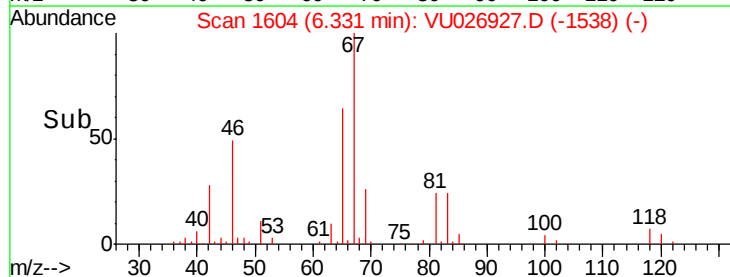
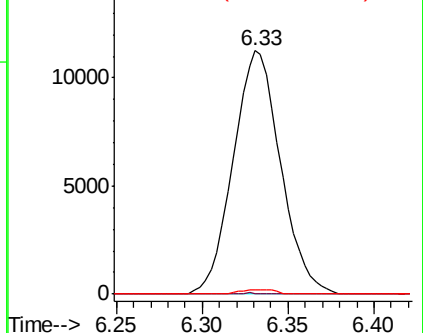
98 1.4 38.3 57.5#

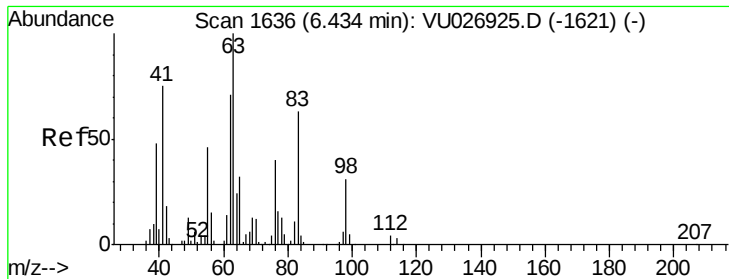


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 6.282 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026927.D

Acq: 20 Sep 2018 10:46

Instrument :

MSVOA_U

ClientSampled :

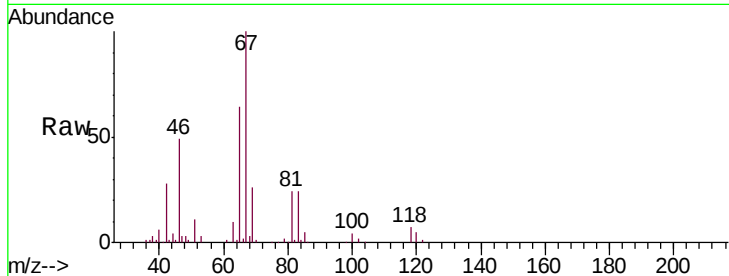
C08K0

Tgt Ion: 63 Resp: 9631

Ion Ratio Lower Upper

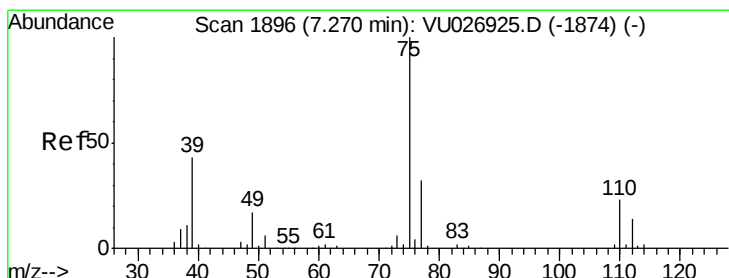
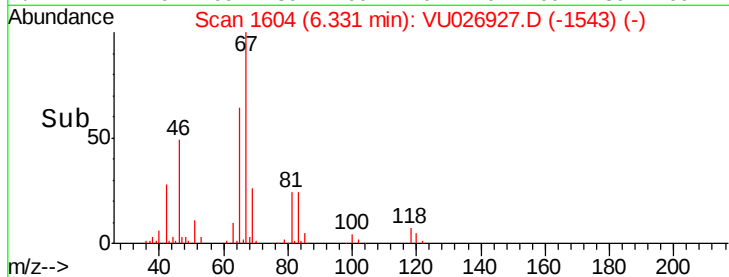
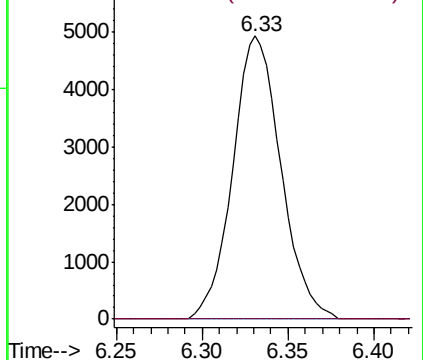
63 100

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: 1.016 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU026927.D

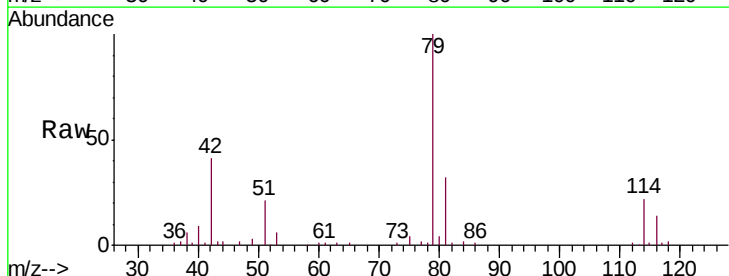
Acq: 20 Sep 2018 10:46

Tgt Ion: 75 Resp: 2201

Ion Ratio Lower Upper

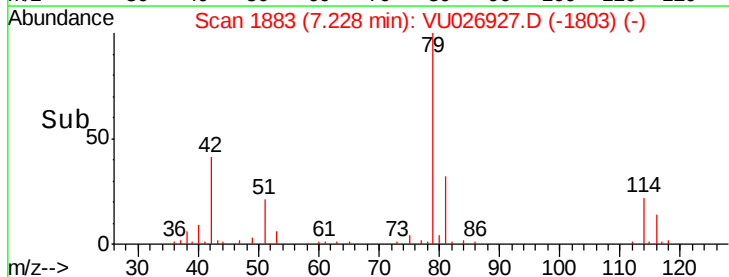
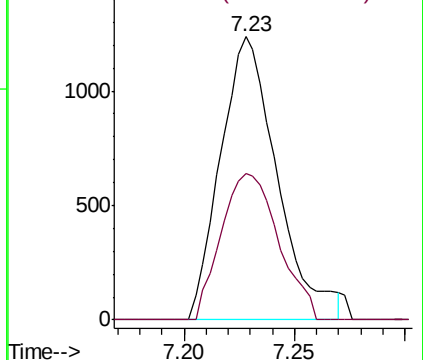
75 100

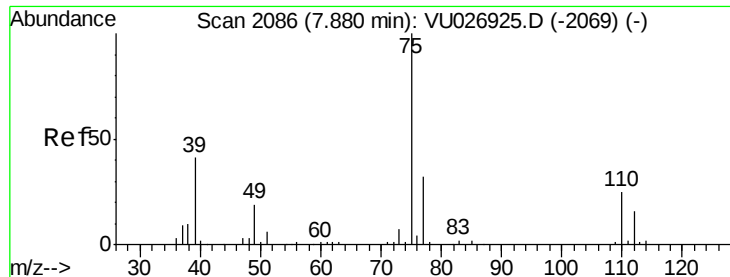
77 51.8 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.833 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026927.D

Acq: 20 Sep 2018 10:46

Instrument :

MSVOA_U

ClientSampleId :

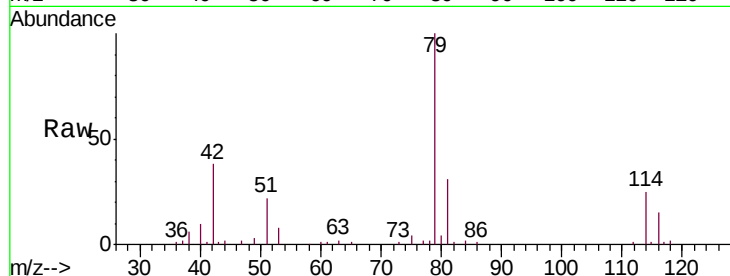
C08K0

Tgt Ion: 75 Resp: 1689

Ion Ratio Lower Upper

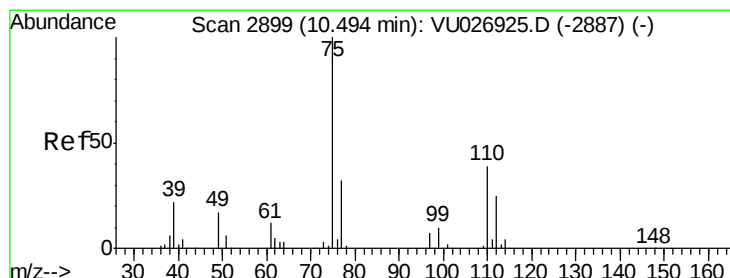
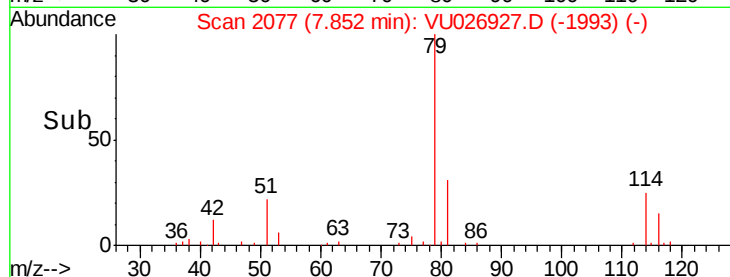
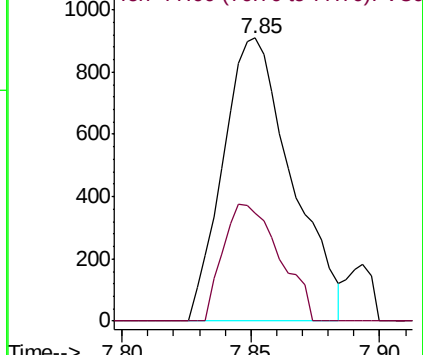
75 100

77 38.4 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: 4.647 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU026927.D

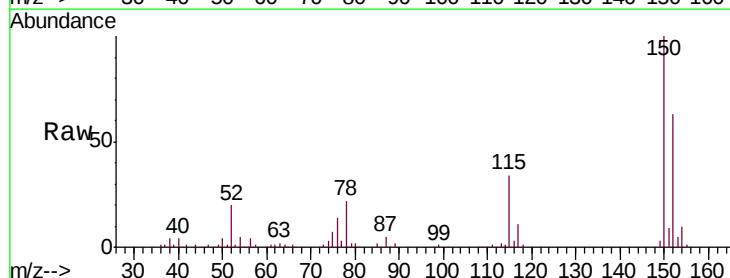
Acq: 20 Sep 2018 10:46

Tgt Ion: 75 Resp: 8535

Ion Ratio Lower Upper

75 100

77 36.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

