

Data File : VU026849.D
Acq On : 18 Sep 2018 10:12
Operator : MD/SY
Sample : J4896--19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08T6

Quant Time: Sep 19 05:06:36 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	243658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95541	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81258	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.16%
7) Chloroethane-d5	1.68	69	74007	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.94%
11) 1,1-Dichloroethene-d2	2.27	63	118729	34.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.62%
21) 2-Butanone-d5	4.18	46	130130	108.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.79%
24) Chloroform-d	4.65	84	160029	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.31	65	105256	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
32) Benzene-d6	5.34	84	326051	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
36) 1,2-Dichloropropane-d6	6.33	67	106613	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.06%
41) Toluene-d8	7.57	98	277467	47.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.66%
43) trans-1,3-Dichloropropene-	7.85	79	44245	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.78%
47) 2-Hexanone-d5	8.31	63	90100	110.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144088	49.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	108538	54.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.22%

Target Compounds

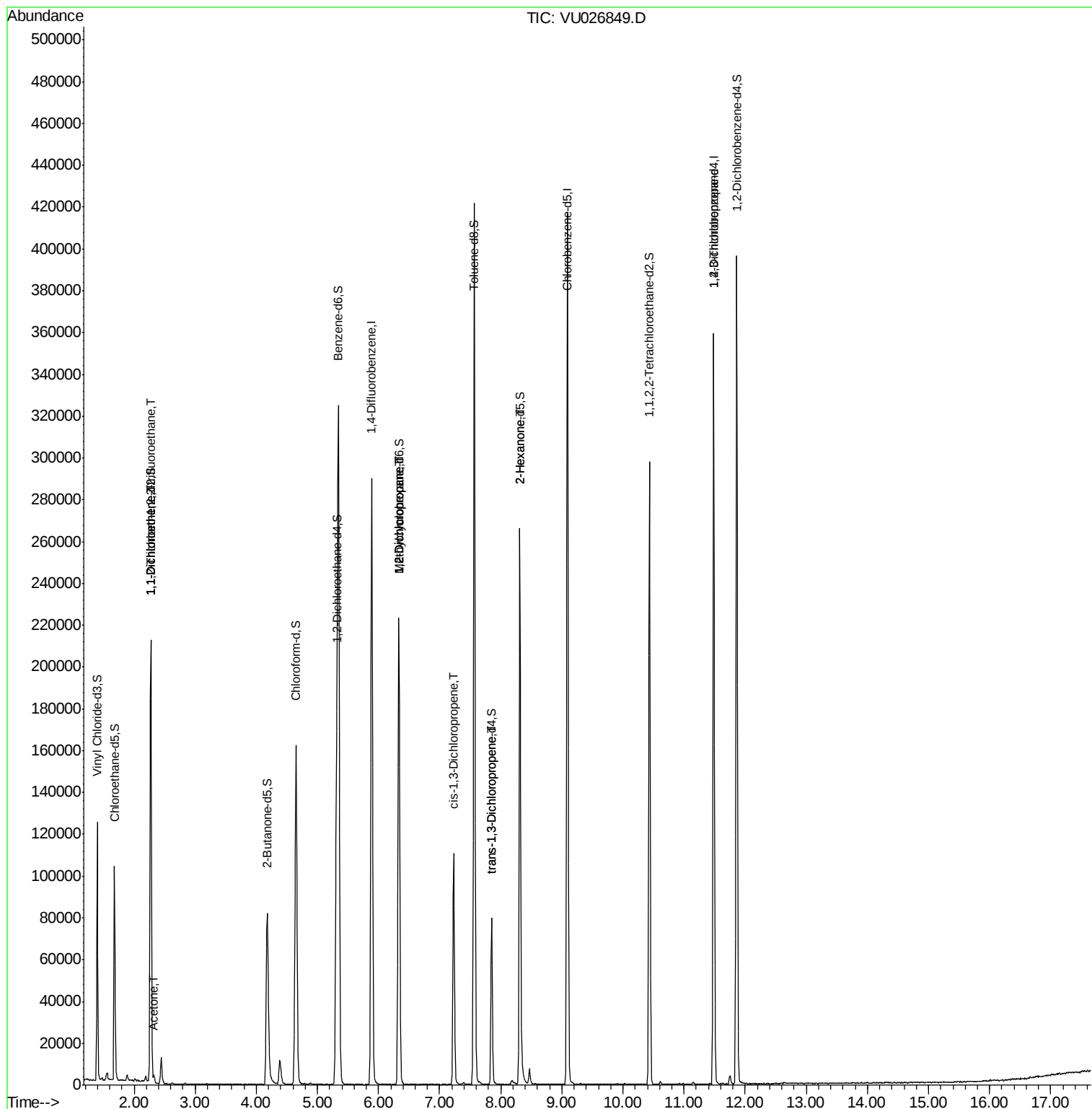
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1162	0.691	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	898	0.568	ug/L #	1
13) Acetone	2.32	43	2552	2.171	ug/L	95
35) Methylcyclohexane	6.33	83	25123	9.041	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11253	5.766	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2454	0.890	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1908	0.739	ug/L #	78
48) 2-Hexanone	8.31	43	10773	5.760	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	10939	4.680	ug/L	93

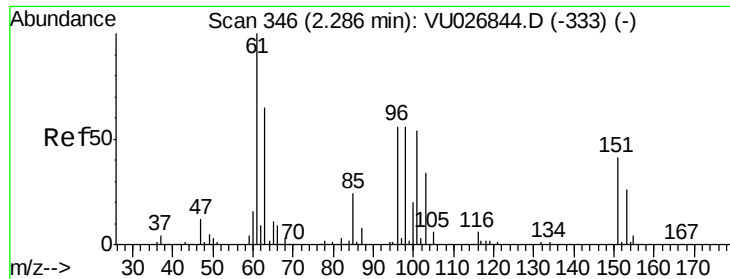
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026849.D
Acq On : 18 Sep 2018 10:12
Operator : MD/SY
Sample : J4896--19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08T6

Quant Time: Sep 19 05:06:36 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





#10

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

Concen: 0.691 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026849.D

Acq: 18 Sep 2018 10:12

Instrument :

MSVOA_U

ClientSampleId :

C08T6

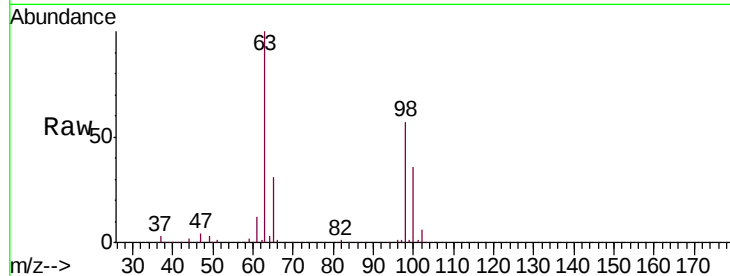
Tgt Ion: 101 Resp: 1162

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

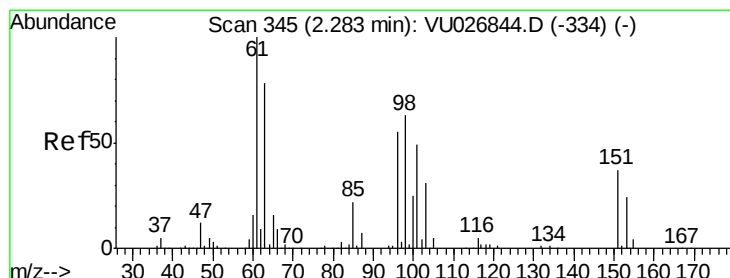
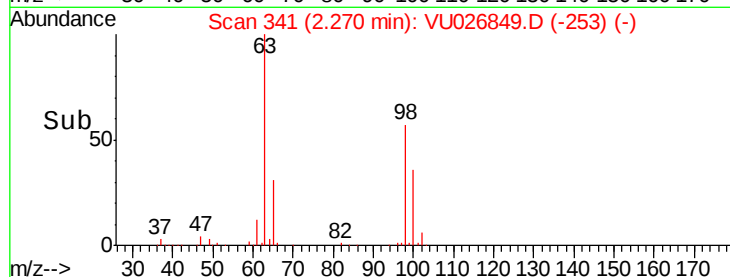
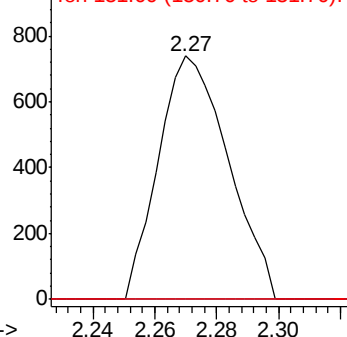
151 0.0 63.0 94.4#



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: 0.568 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU026849.D

Acq: 18 Sep 2018 10:12

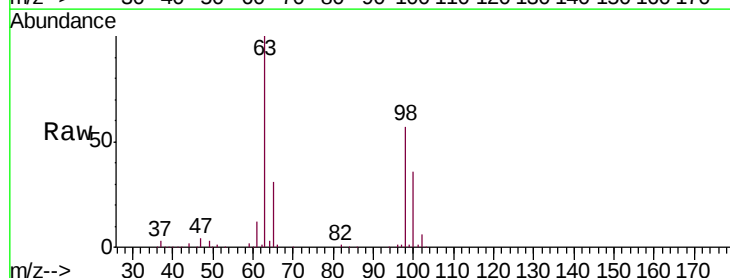
Tgt Ion: 96 Resp: 898

Ion Ratio Lower Upper

96 100

61 1621.0 124.0 230.4#

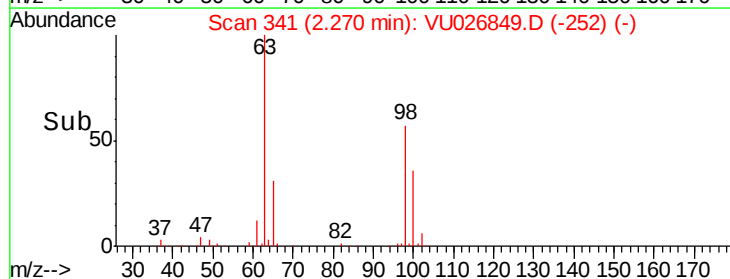
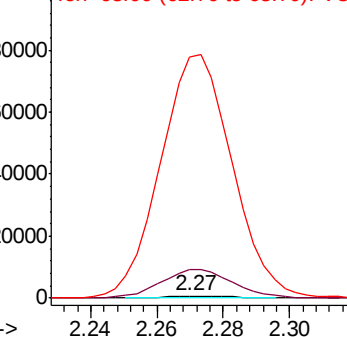
63 13850.1 97.7 181.5#

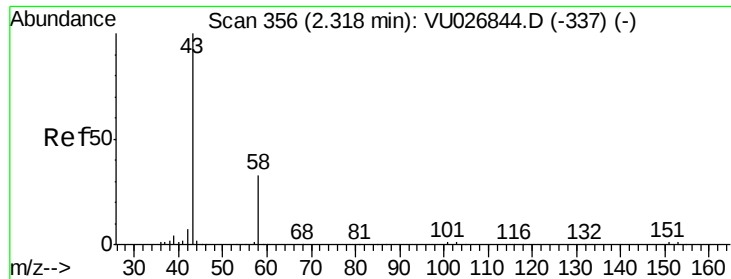


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.171 ug/L

RT: 2.32 min Scan# 356

Delta R.T. 0.00 min

Lab File: VU026849.D

Acq: 18 Sep 2018 10:12

Instrument :

MSVOA_U

ClientSampleId :

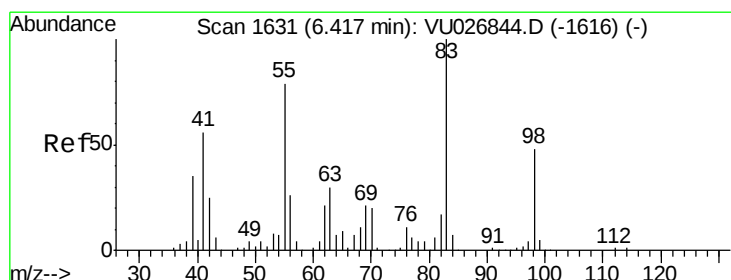
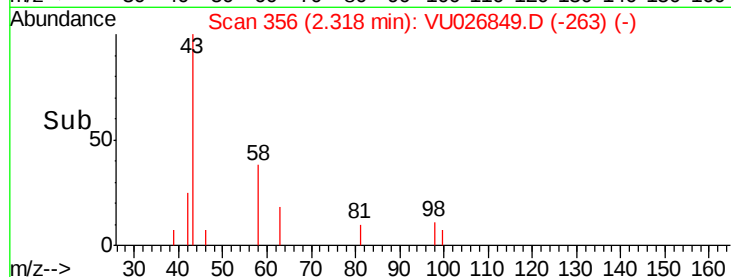
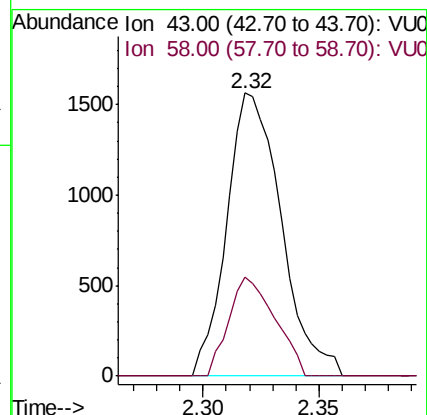
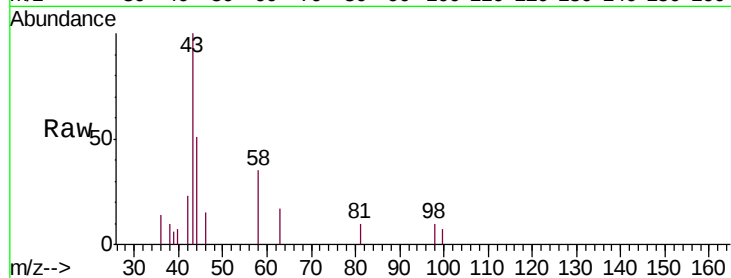
C08T6

Tgt Ion: 43 Resp: 2552

Ion Ratio Lower Upper

43 100

58 29.5 0.0 64.6



#35

Methylcyclohexane

Concen: 9.041 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026849.D

Acq: 18 Sep 2018 10:12

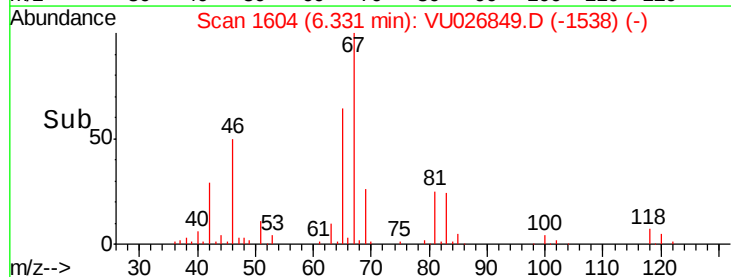
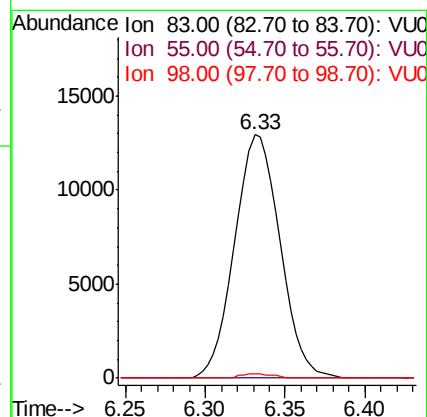
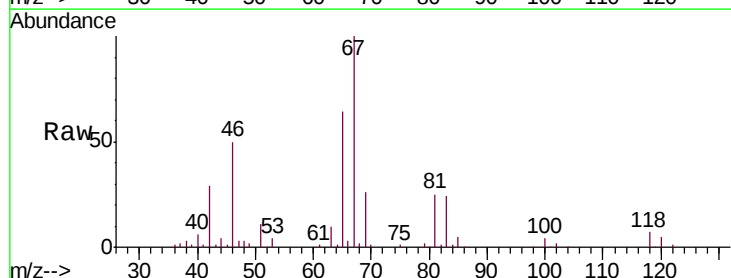
Tgt Ion: 83 Resp: 25123

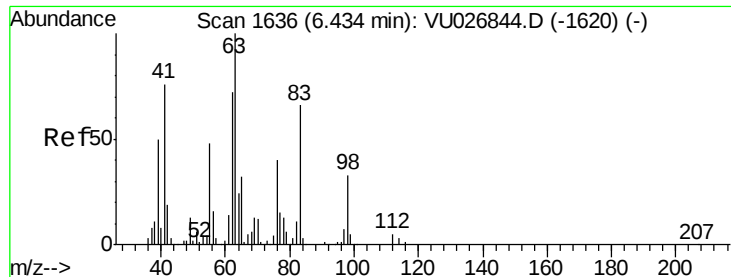
Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 1.2 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 5.766 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026849.D

Acq: 18 Sep 2018 10:12

Instrument :

MSVOA_U

ClientSampleId :

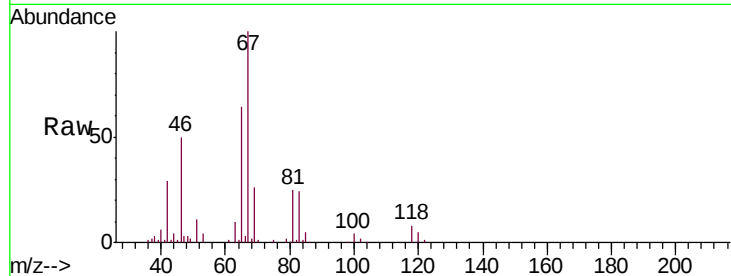
C08T6

Tgt Ion: 63 Resp: 11253

Ion Ratio Lower Upper

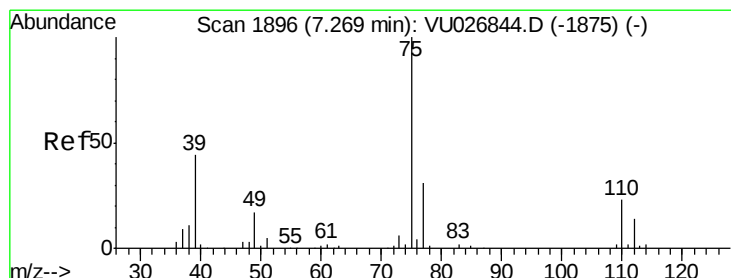
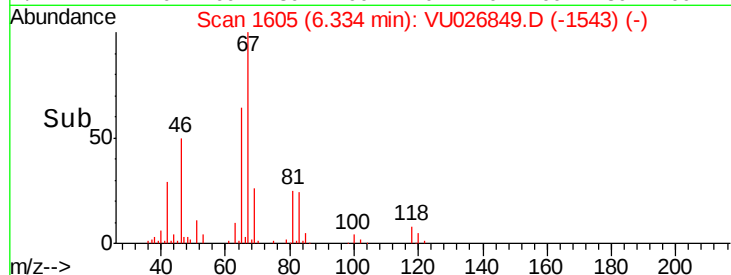
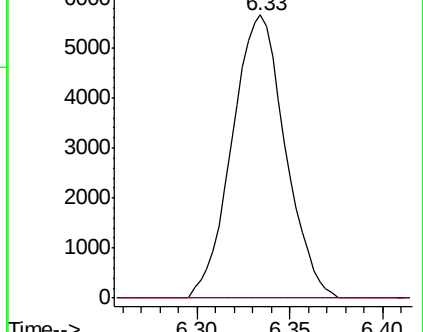
63 100

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: 0.890 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU026849.D

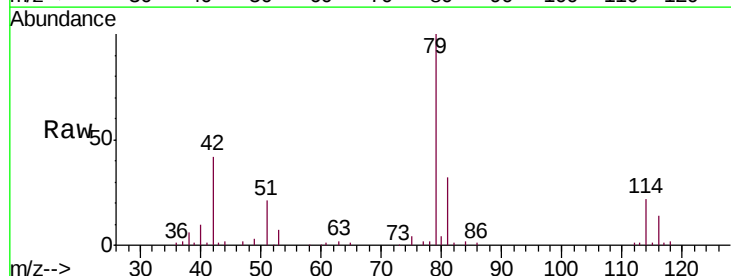
Acq: 18 Sep 2018 10:12

Tgt Ion: 75 Resp: 2454

Ion Ratio Lower Upper

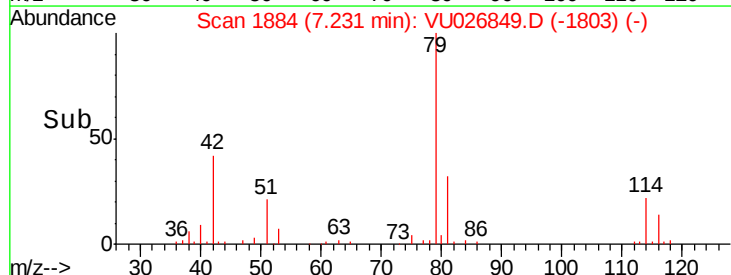
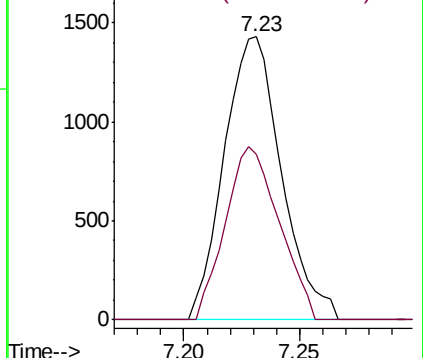
75 100

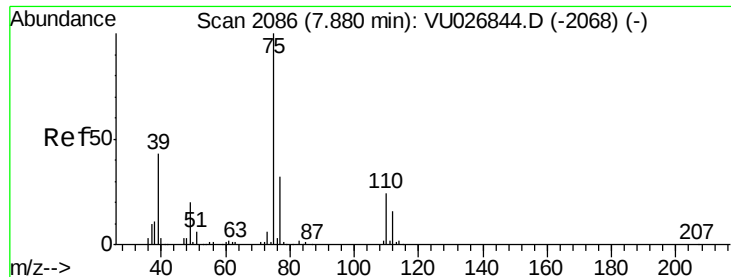
77 58.4 22.1 41.1#



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: 0.739 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026849.D

Acq: 18 Sep 2018 10:12

Instrument :

MSVOA_U

ClientSampleId :

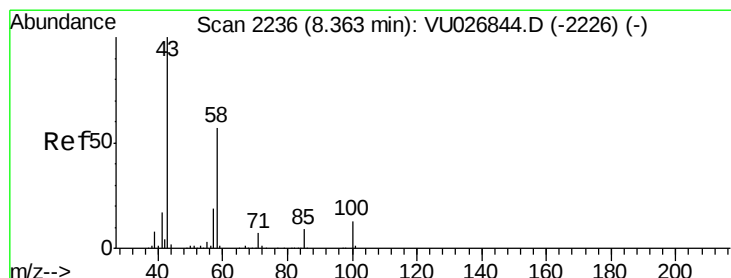
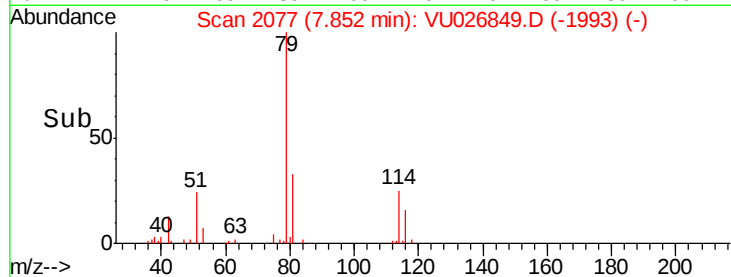
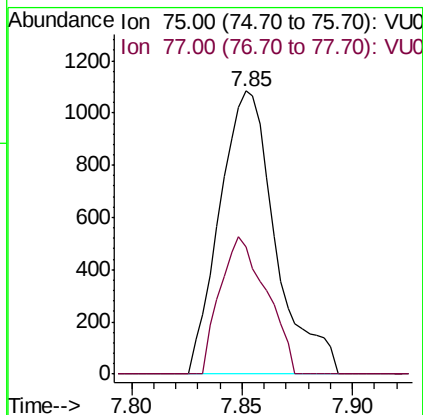
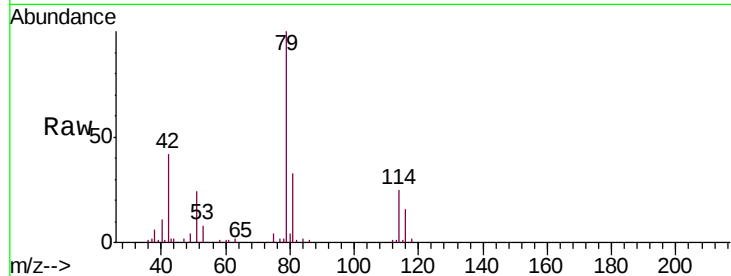
C08T6

Tgt Ion: 75 Resp: 1908

Ion Ratio Lower Upper

75 100

77 44.9 22.8 42.4#



#48

2-Hexanone

Concen: 5.760 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU026849.D

Acq: 18 Sep 2018 10:12

Tgt Ion: 43 Resp: 10773

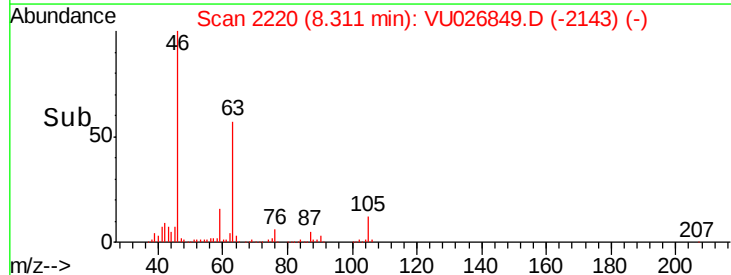
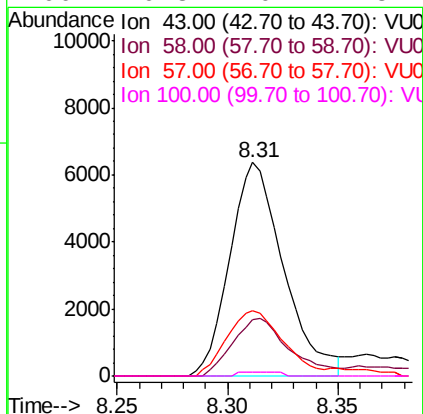
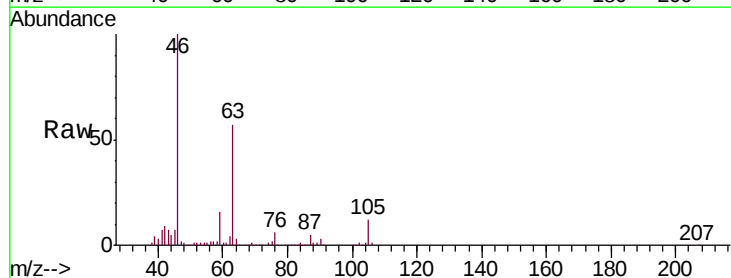
Ion Ratio Lower Upper

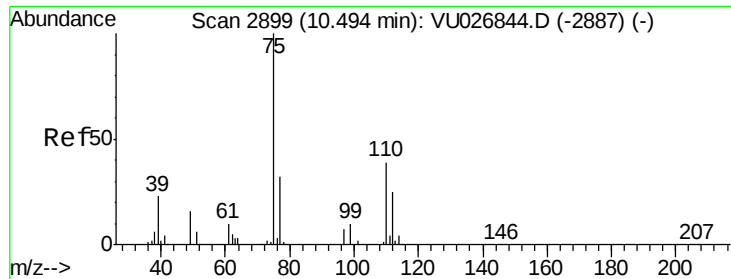
43 100

58 28.4 44.9 67.3#

57 31.9 15.4 23.2#

100 0.8 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 4.680 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026849.D

Acq: 18 Sep 2018 10:12

Instrument :

MSVOA_U

ClientSampleId :

C08T6

Tgt Ion: 75 Resp: 10939

Ion Ratio Lower Upper

75 100

77 36.0 25.5 38.3

