

Data File : VU026929.D
Acq On : 20 Sep 2018 11:33
Operator : MD/SY
Sample : J4893-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08T4

Quant Time: Sep 21 04:24:50 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	187404	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75402	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80066	57.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.52%
7) Chloroethane-d5	1.68	69	68543	57.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.54%
11) 1,1-Dichloroethene-d2	2.27	63	114397	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
21) 2-Butanone-d5	4.18	46	106736	116.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.02%
24) Chloroform-d	4.65	84	137114	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
26) 1,2-Dichloroethane-d4	5.31	65	88669	54.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.52%
32) Benzene-d6	5.34	84	284706	57.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.54%
36) 1,2-Dichloropropane-d6	6.33	67	92118	57.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.02%
41) Toluene-d8	7.57	98	244056	54.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.68%
43) trans-1,3-Dichloropropene-	7.85	79	38182	53.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.78%
47) 2-Hexanone-d5	8.31	63	73607	116.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119320	53.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	96368	61.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.88%#

Target Compounds

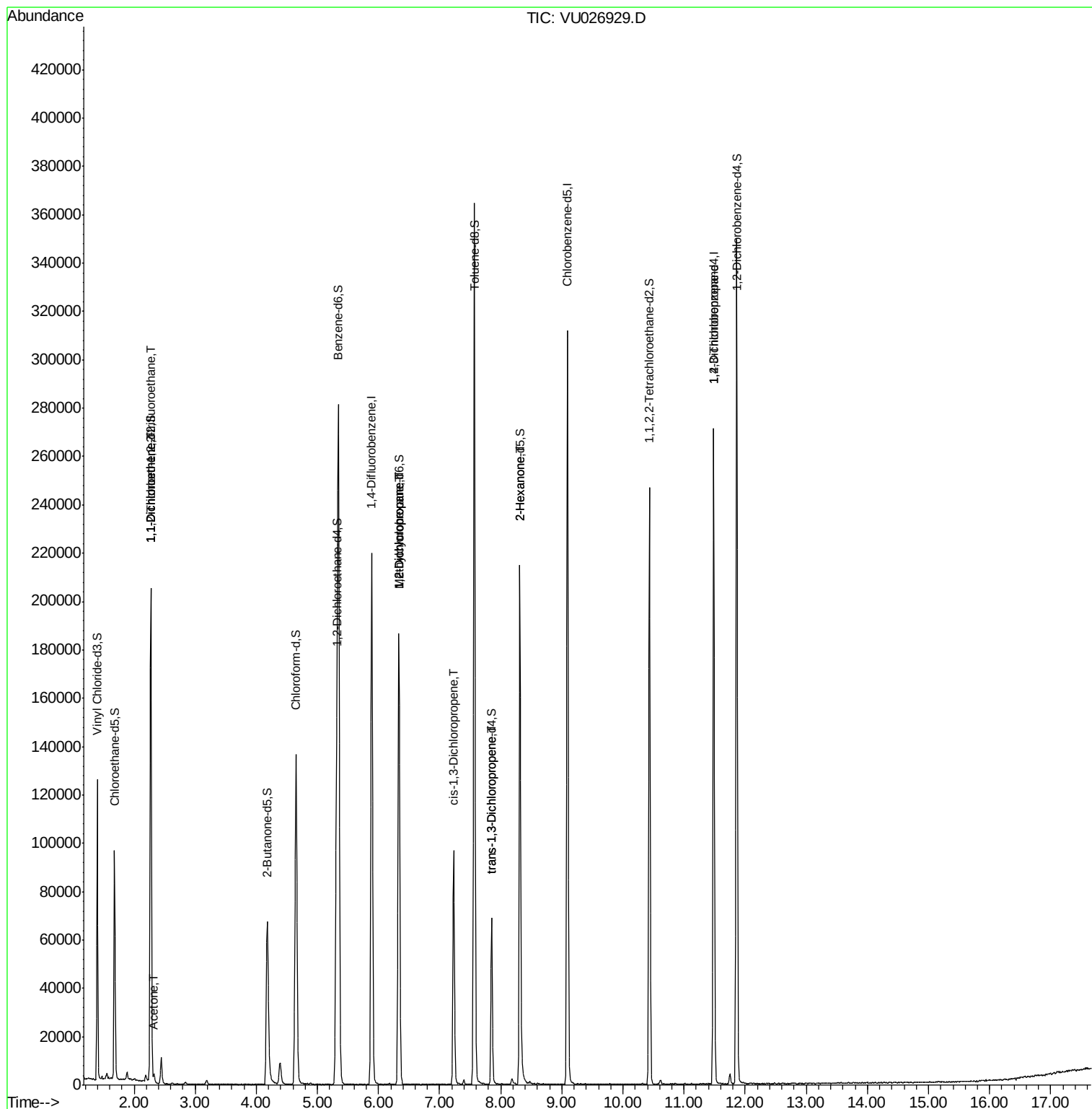
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1059	0.818	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	953	0.784	ug/L #	1
13) Acetone	2.32	43	2498	2.763	ug/L	93
35) Methylcyclohexane	6.33	83	21581	10.032	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9536	6.312	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2339	1.096	ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	1693	0.847	ug/L	92
48) 2-Hexanone	8.31	43	8806	6.082	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	8326	4.601	ug/L	91

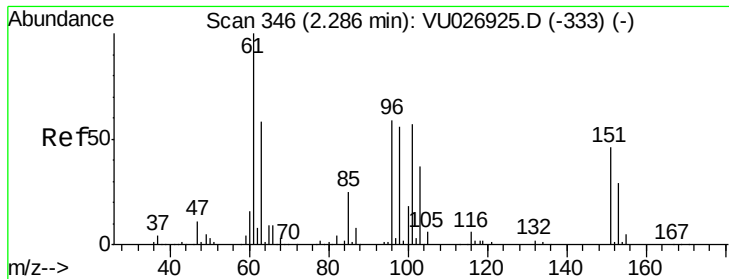
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026929.D
Acq On : 20 Sep 2018 11:33
Operator : MD/SY
Sample : J4893-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08T4

Quant Time: Sep 21 04:24:50 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





#10

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

Concen: 0.818 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026929.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_U

ClientSampleId :

C08T4

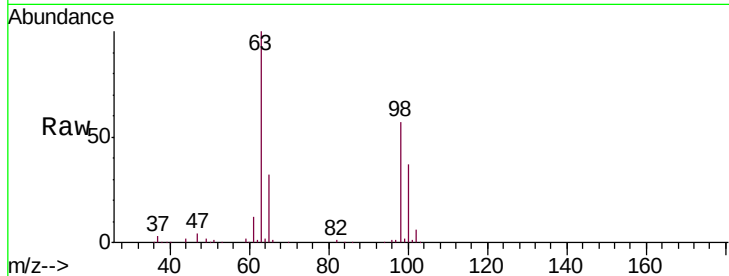
Tgt Ion: 101 Resp: 1059

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

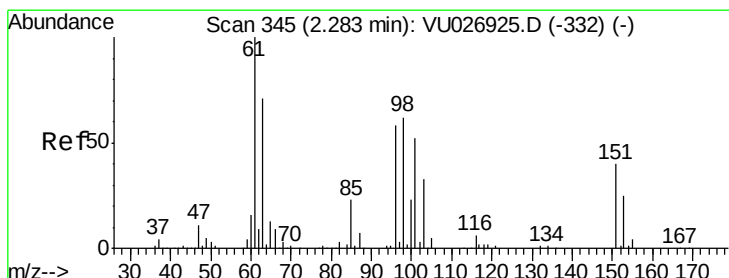
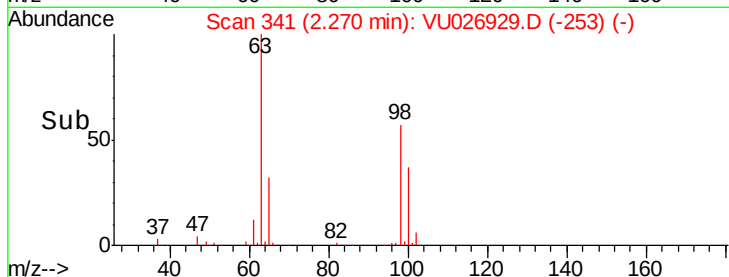
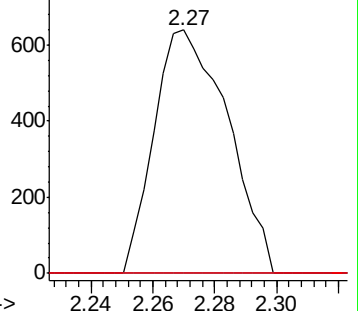
151 0.0 63.0 94.4#



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: 0.784 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026929.D

Acq: 20 Sep 2018 11:33

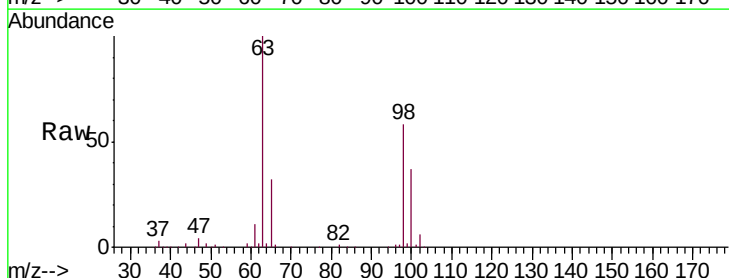
Tgt Ion: 96 Resp: 953

Ion Ratio Lower Upper

96 100

61 1265.3 124.0 230.4#

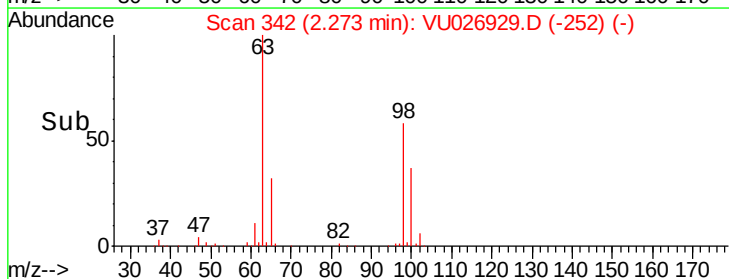
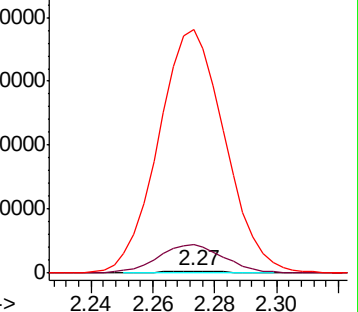
63 11006.9 97.7 181.5#

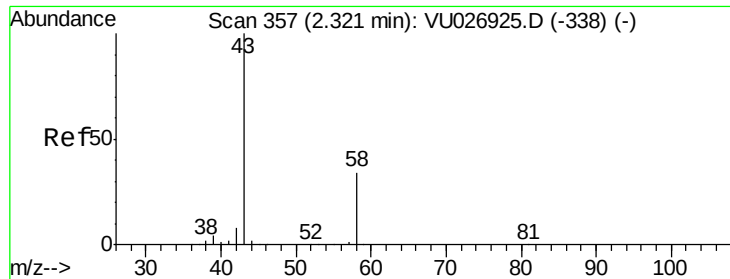


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.763 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026929.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_U

ClientSampleId :

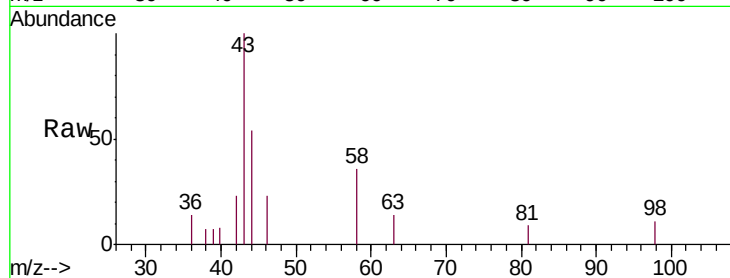
C08T4

Tgt Ion: 43 Resp: 2498

Ion Ratio Lower Upper

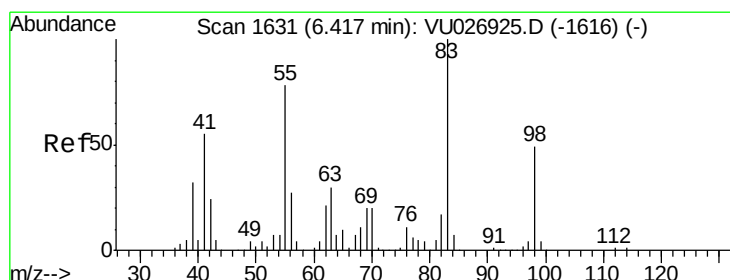
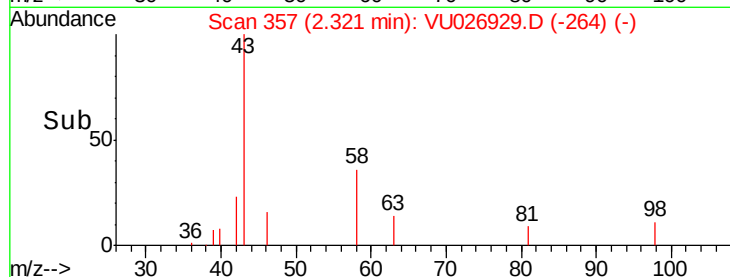
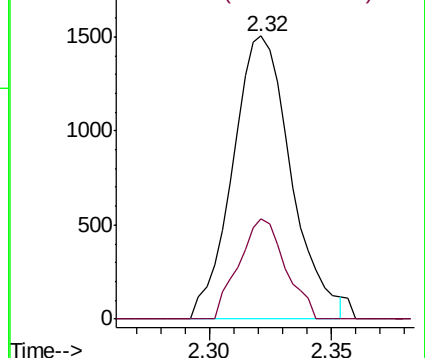
43 100

58 28.1 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: 10.032 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026929.D

Acq: 20 Sep 2018 11:33

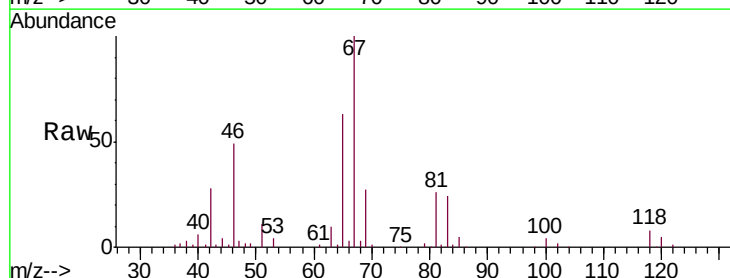
Tgt Ion: 83 Resp: 21581

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

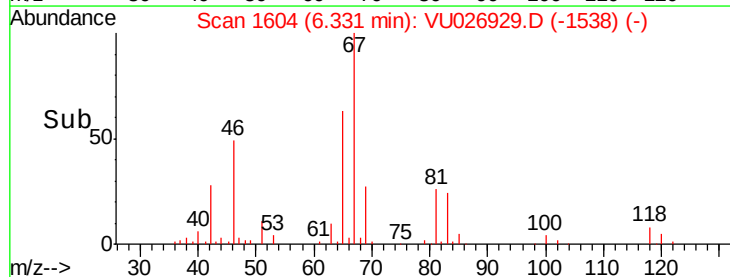
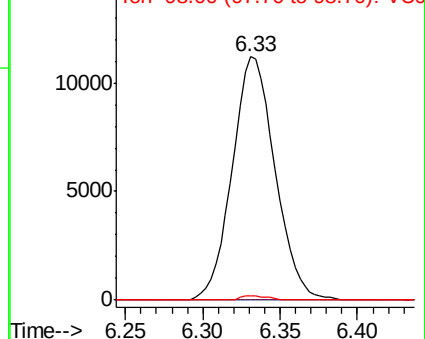
98 1.1 38.3 57.5#

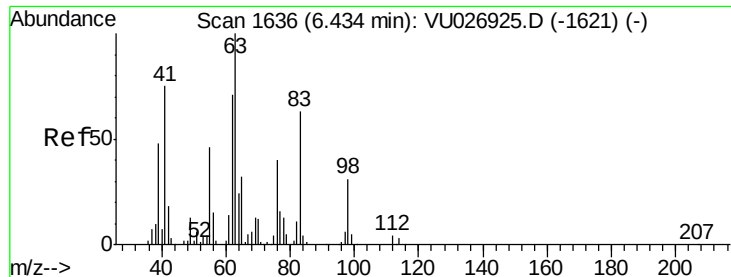


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

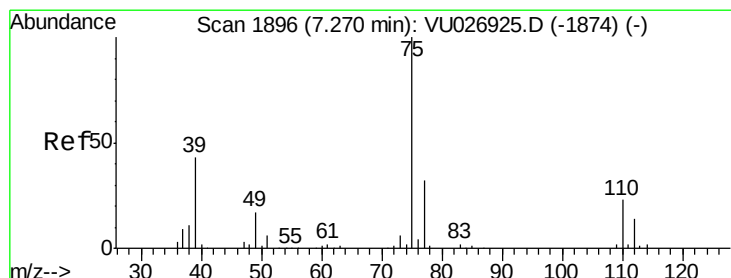
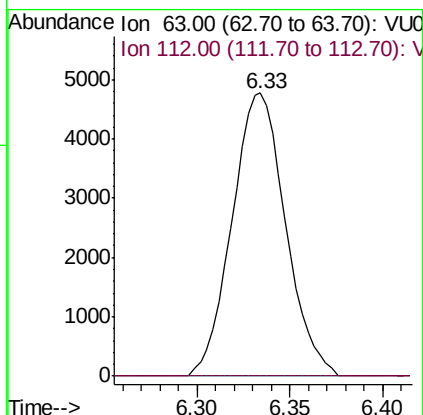
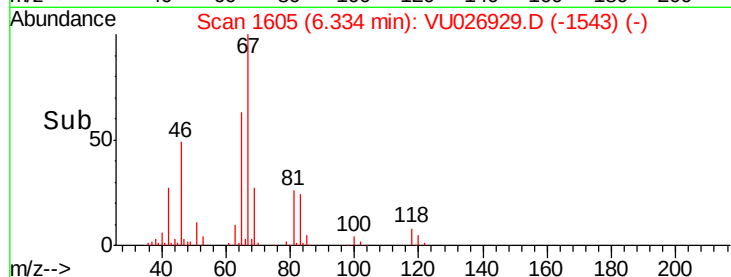
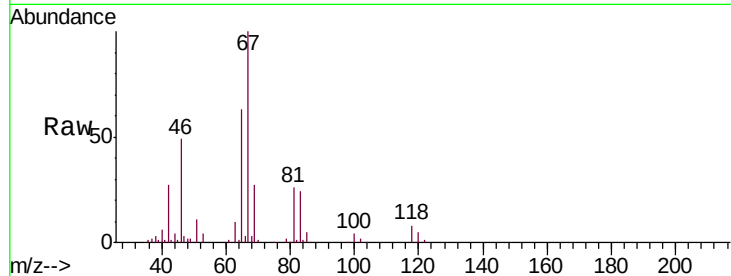




#37
 1,2-Dichloropropane
 Concen: 6.312 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026929.D
 Acq: 20 Sep 2018 11:33

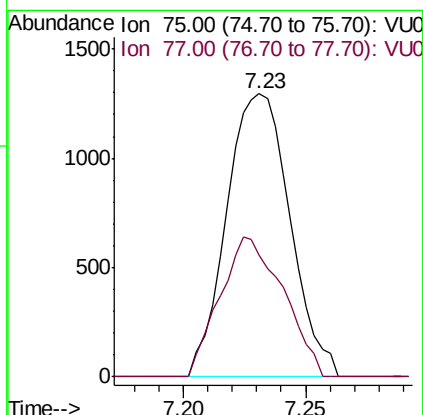
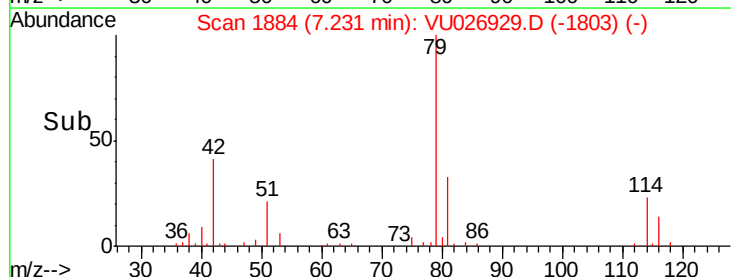
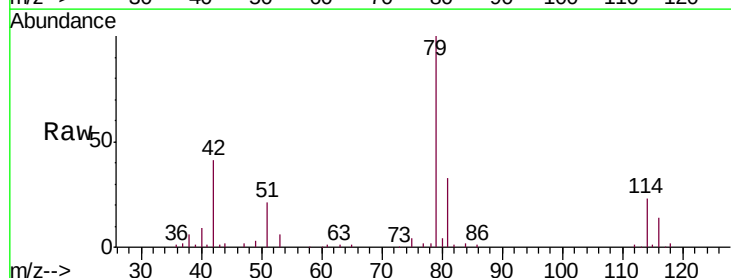
Instrument :
 MSVOA_U
 ClientSampled :
 C08T4

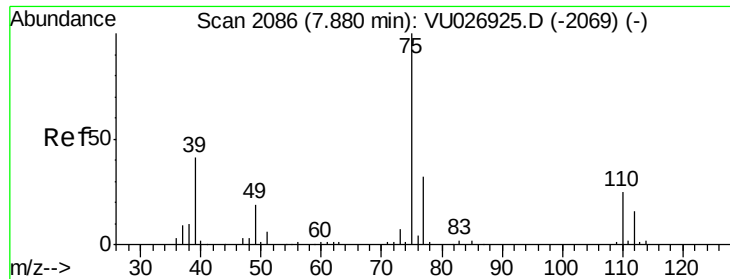
Tgt Ion: 63 Resp: 9536
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 1.096 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026929.D
 Acq: 20 Sep 2018 11:33

Tgt Ion: 75 Resp: 2339
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.847 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026929.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_U

ClientSampled :

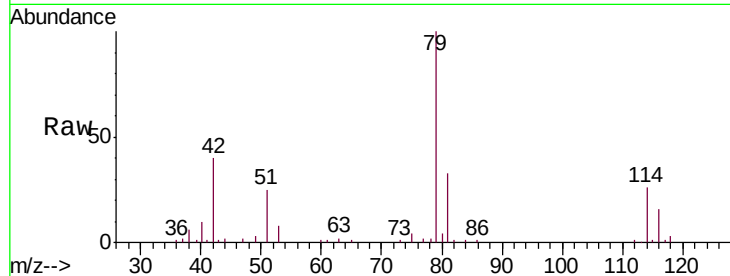
C08T4

Tgt Ion: 75 Resp: 1693

Ion Ratio Lower Upper

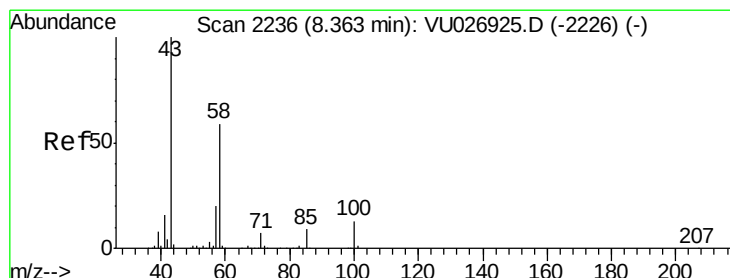
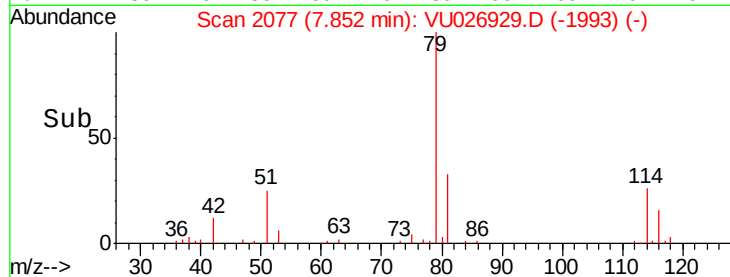
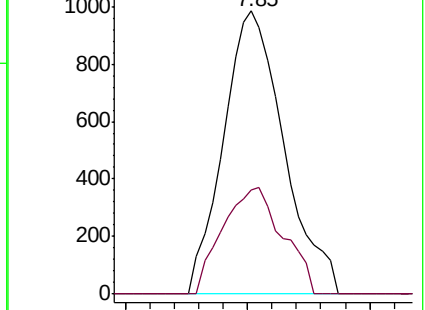
75 100

77 36.9 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 6.082 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU026929.D

Acq: 20 Sep 2018 11:33

Tgt Ion: 43 Resp: 8806

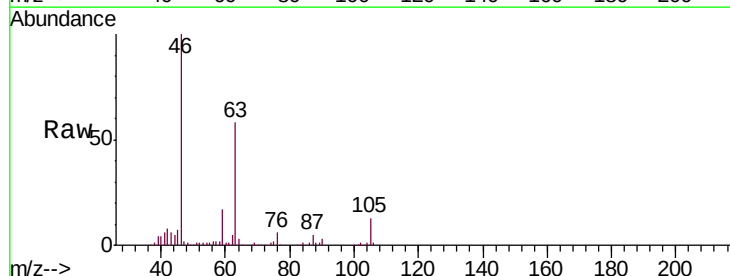
Ion Ratio Lower Upper

43 100

58 29.5 44.9 67.3#

57 30.4 15.4 23.2#

100 1.4 10.2 15.4#

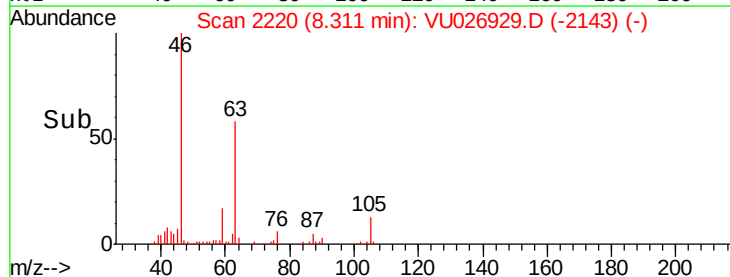
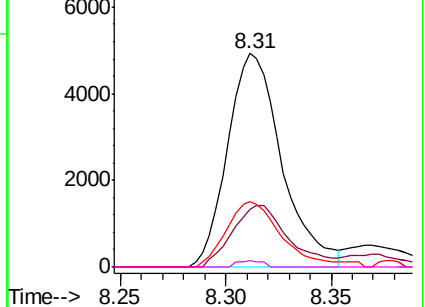


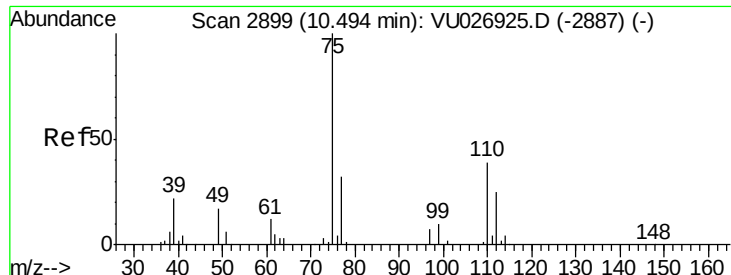
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.601 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026929.D

Acq: 20 Sep 2018 11:33

Instrument :

MSVOA_U

ClientSampleId :

C08T4

Tgt Ion: 75 Resp: 8326

Ion Ratio Lower Upper

75 100

77 37.0 25.5 38.3

