

Data File : VU030141.D
Acq On : 16 Mar 2019 13:41
Operator : JC/SP
Sample : K1949-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1F3

Quant Time: Mar 18 04:27:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	462223	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	454813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148956	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.44%
7) Chloroethane-d5	1.68	69	127827	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.58%
11) 1,1-Dichloroethene-d2	2.27	63	205510	37.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.48%
21) 2-Butanone-d5	4.17	46	257424	112.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.38%
24) Chloroform-d	4.65	84	285598	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	5.31	65	171569	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.30%
32) Benzene-d6	5.34	84	603113	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.33	67	194742	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.70%
41) Toluene-d8	7.56	98	534436	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%
43) trans-1,3-Dichloropropene-	7.85	79	83785	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.31	63	210426	104.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293121	53.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	220686	52.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.04%

Target Compounds

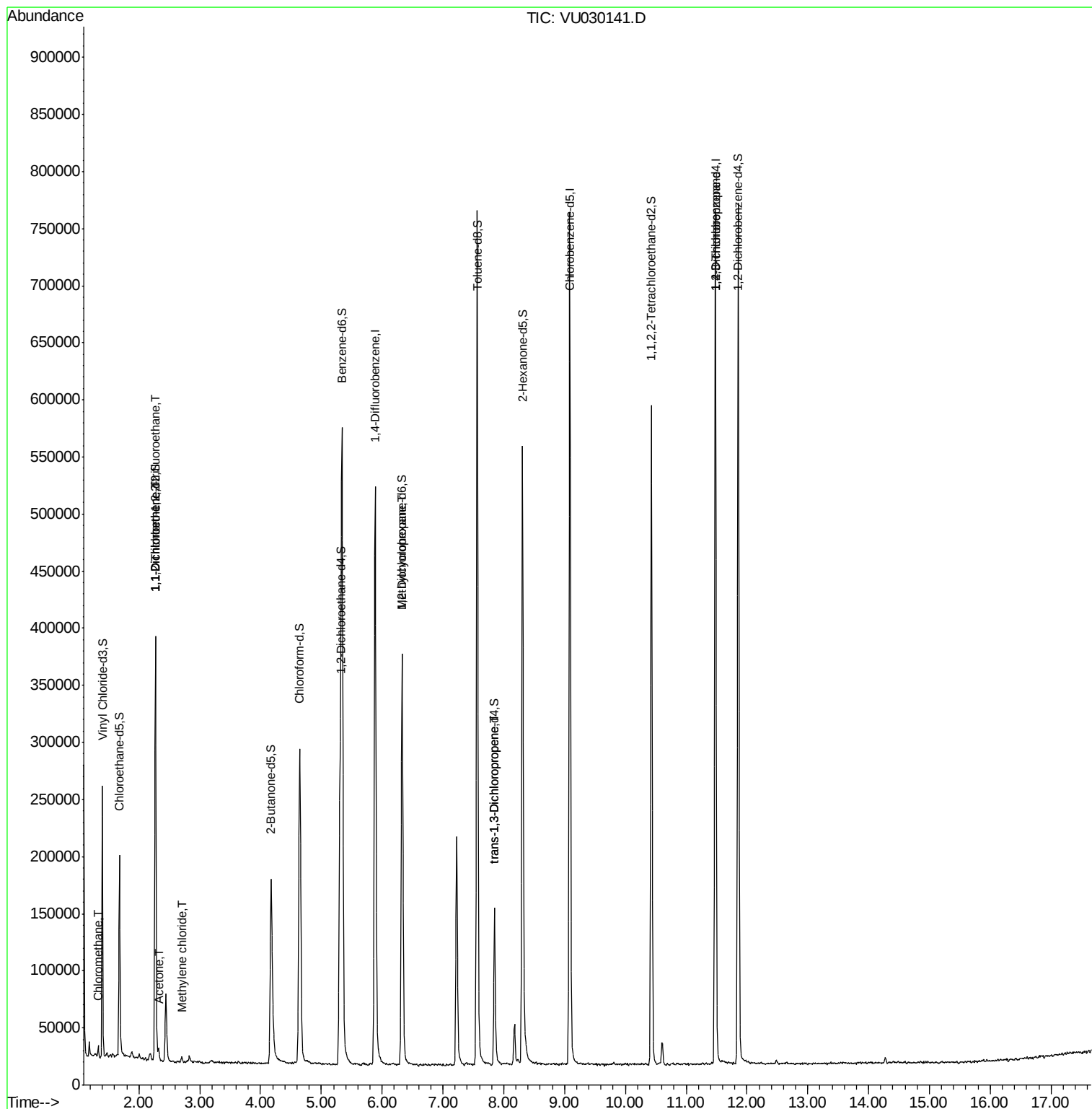
					Qvalue
3) Chloromethane	1.33	50	6085	1.888 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2303	0.758 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2061	0.711 ug/L #	1
13) Acetone	2.32	43	8869	3.311 ug/L	100
16) Methylene chloride	2.70	84	2532	0.740 ug/L	87
35) Methylcyclohexane	6.33	83	44837	8.106 ug/L #	21
44) trans-1,3-Dichloropropene	7.85	75	3748	0.771 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	23052	5.170 ug/L	99

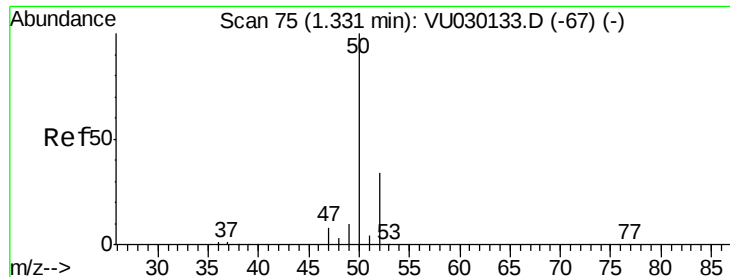
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.888 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030141.D

Acq: 16 Mar 2019 13:41

Instrument :

MSVOA_U

ClientSampleId :

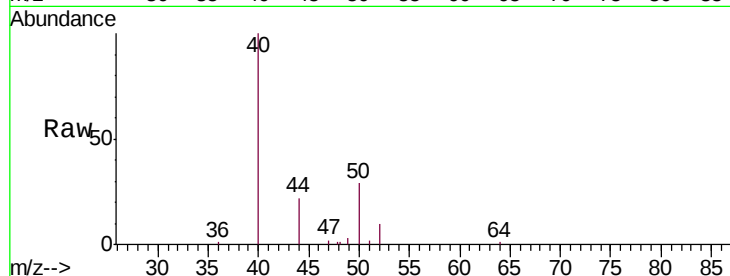
BF1F3

Tgt Ion: 50 Resp: 6085

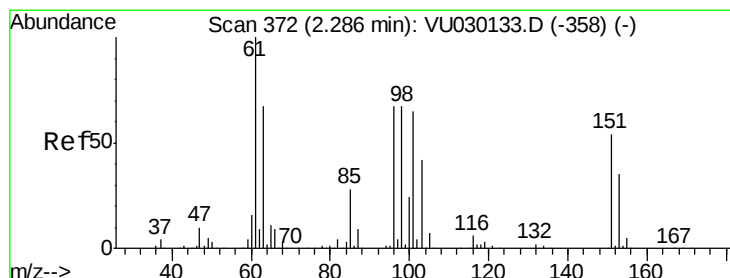
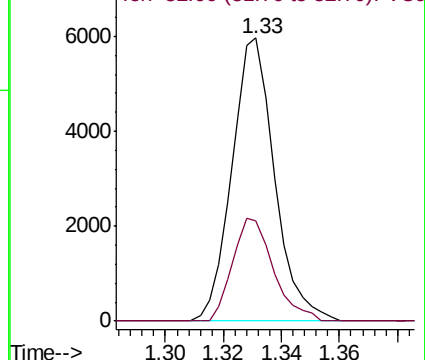
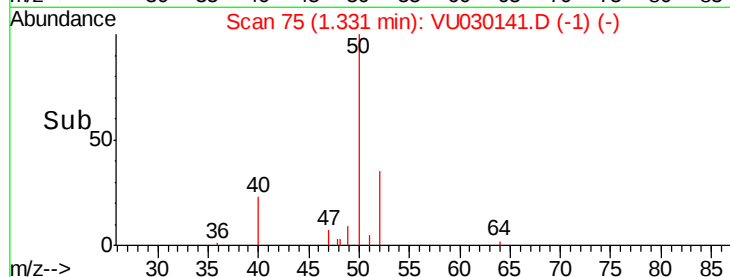
Ion Ratio Lower Upper

50 100

52 35.5 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU030141.D (-1) (-)



#10

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

Concen: 0.758 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030141.D

Acq: 16 Mar 2019 13:41

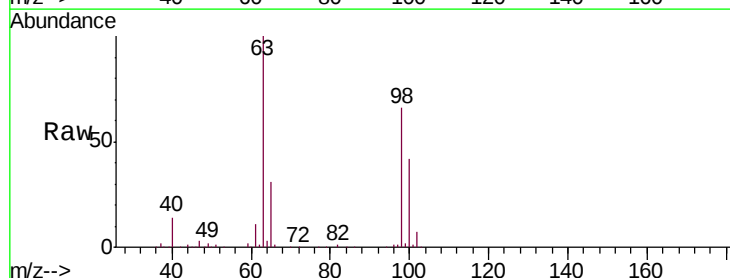
Tgt Ion: 101 Resp: 2303

Ion Ratio Lower Upper

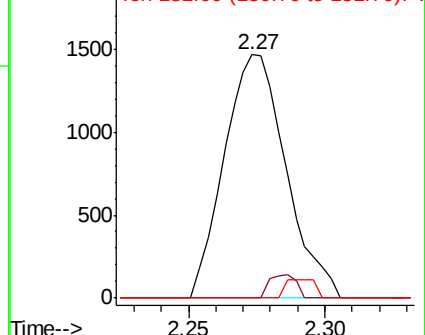
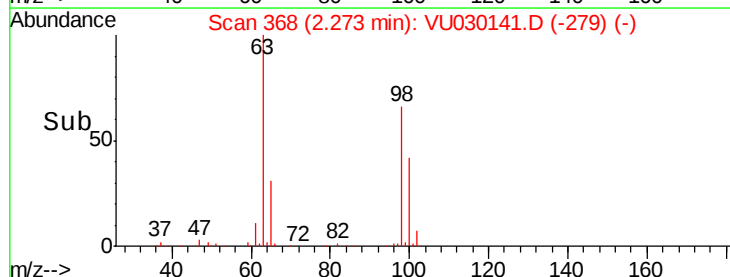
101 100

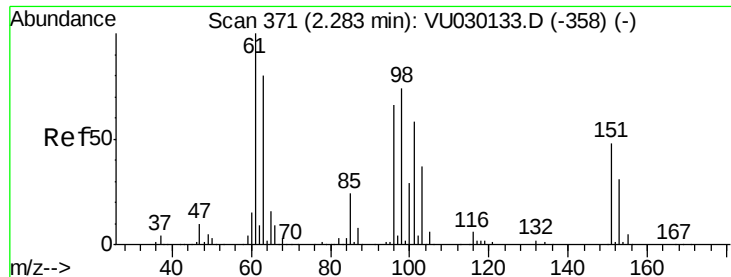
85 4.1 33.0 49.4#

151 0.0 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): VU030141.D (-279) (-)

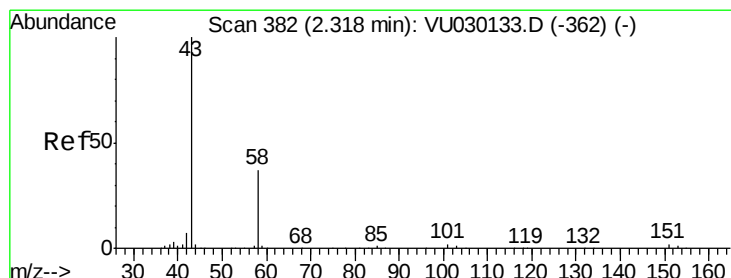
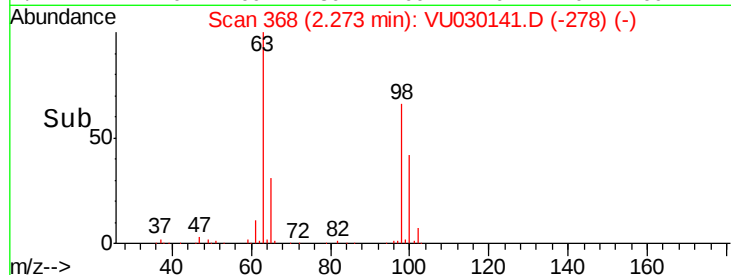
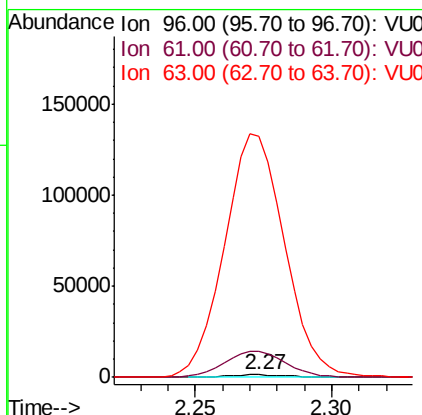
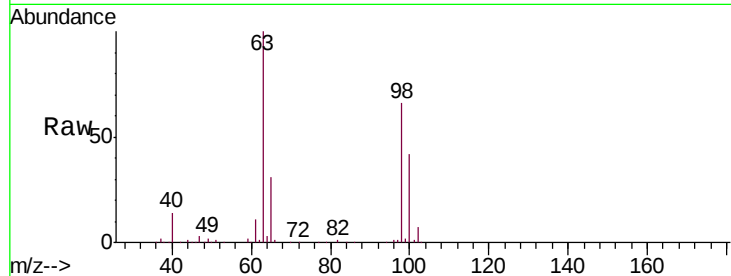




#12
 1,1-Dichloroethene
 Concen: 0.711 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU030141.D
 Acq: 16 Mar 2019 13:41

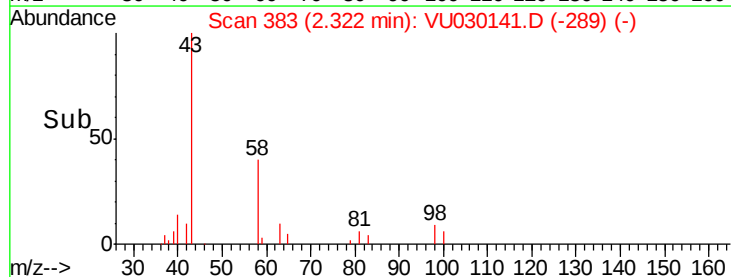
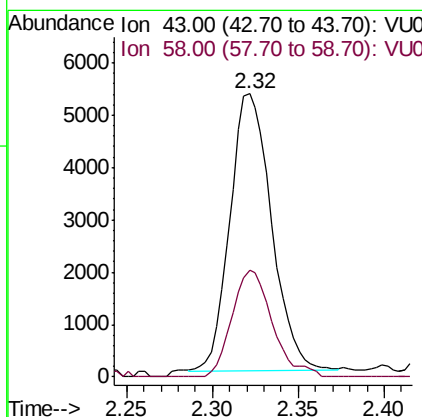
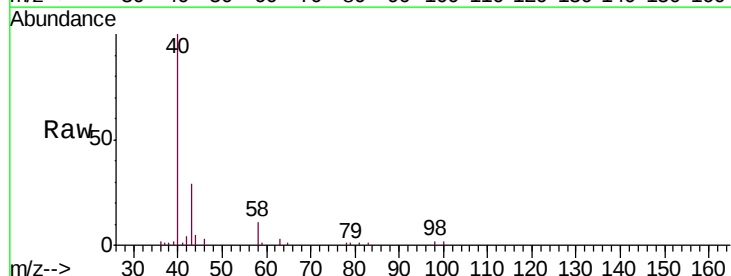
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1F3

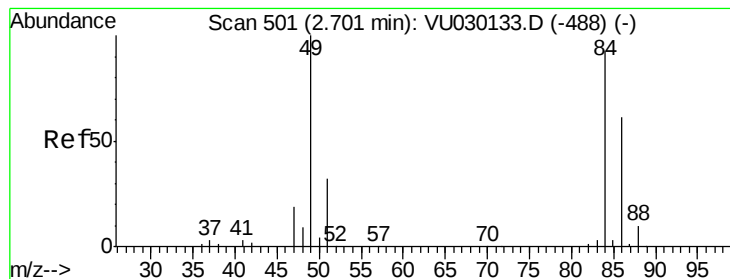
Tgt Ion: 96 Resp: 2061
 Ion Ratio Lower Upper
 96 100
 61 998.0 110.4 205.0#
 63 9349.0 86.5 160.7#



#13
 Acetone
 Concen: 3.311 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU030141.D
 Acq: 16 Mar 2019 13:41

Tgt Ion: 43 Resp: 8869
 Ion Ratio Lower Upper
 43 100
 58 36.2 0.0 73.0





#16

Methylene chloride

Concen: 0.740 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU030141.D

Acq: 16 Mar 2019 13:41

Instrument :

MSVOA_U

ClientSampleId :

BF1F3

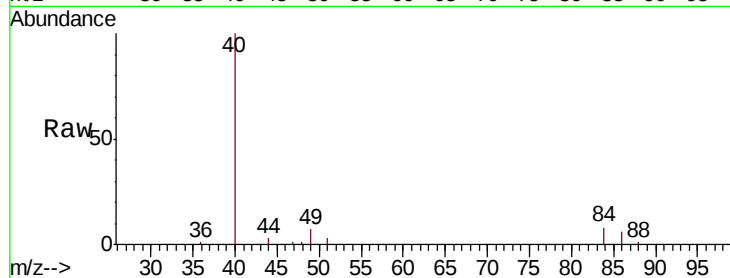
Tgt Ion: 84 Resp: 2532

Ion Ratio Lower Upper

84 100

86 68.6 45.2 84.0

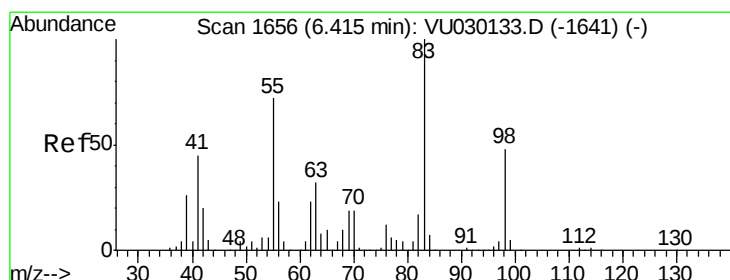
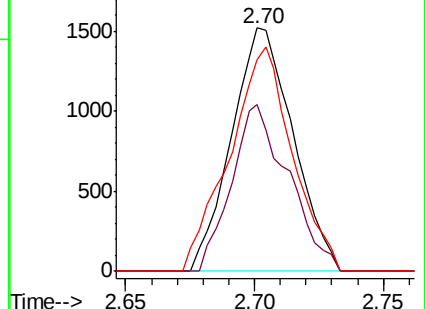
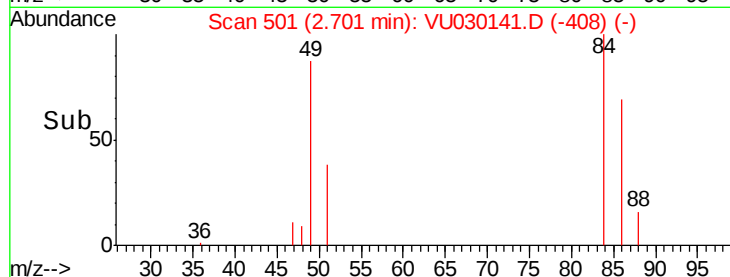
49 86.9 73.6 136.6



Abundance Ion 84.00 (83.70 to 84.70): VU030141.D (-1563) (-)

Ion 86.00 (85.70 to 86.70): VU030141.D (-1563) (-)

Ion 49.00 (48.70 to 49.70): VU030141.D (-1563) (-)



#35

Methylcyclohexane

Concen: 8.106 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.09 min

Lab File: VU030141.D

Acq: 16 Mar 2019 13:41

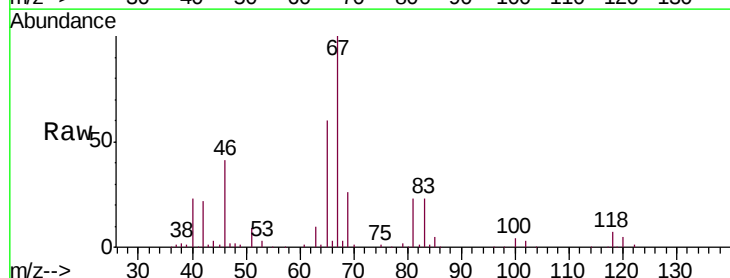
Tgt Ion: 83 Resp: 44837

Ion Ratio Lower Upper

83 100

55 0.3 56.6 84.8#

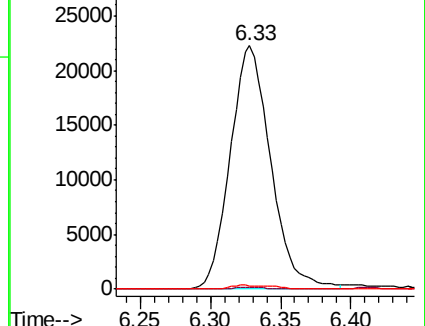
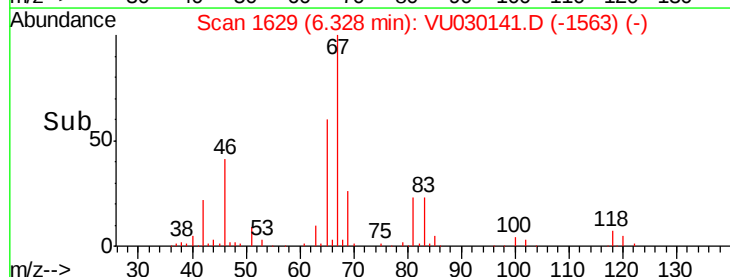
98 0.0 37.8 56.6#

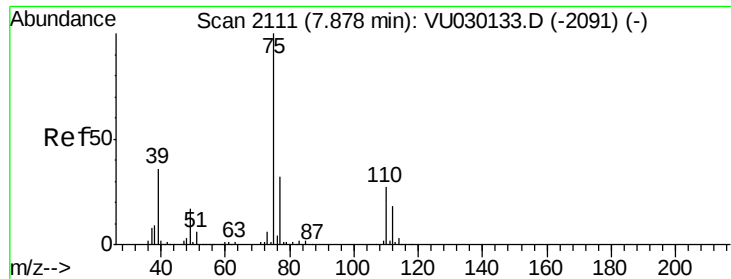


Abundance Ion 83.00 (82.70 to 83.70): VU030141.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VU030141.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VU030141.D (-1563) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.771 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030141.D

Acq: 16 Mar 2019 13:41

Instrument :

MSVOA_U

ClientSampleId :

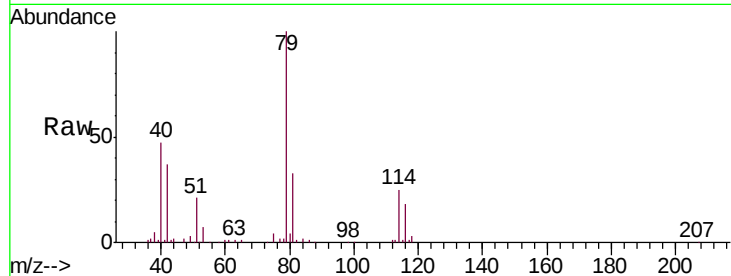
BF1F3

Tgt Ion: 75 Resp: 3748

Ion Ratio Lower Upper

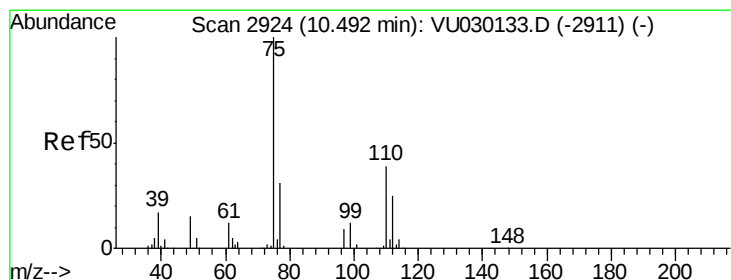
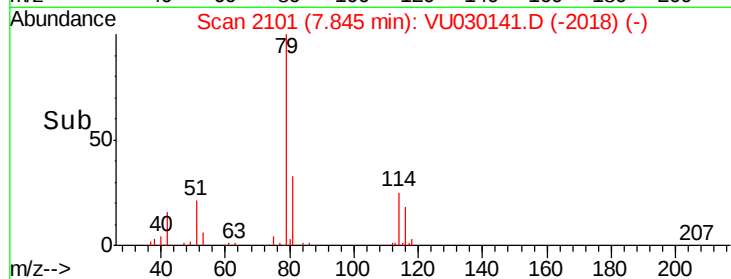
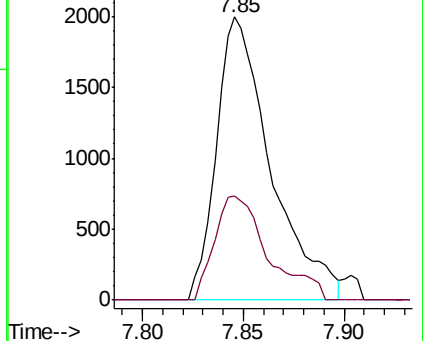
75 100

77 36.9 21.9 40.7



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: 5.170 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030141.D

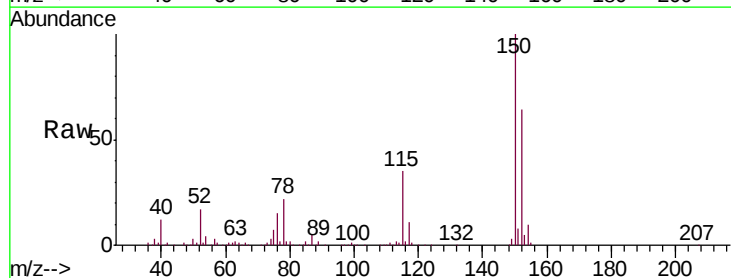
Acq: 16 Mar 2019 13:41

Tgt Ion: 75 Resp: 23052

Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

