

Data File : VU032077.D
Acq On : 17 May 2019 03:42
Operator : JC/SP
Sample : K2850-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W16

Quant Time: May 17 08:44:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	388958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156870	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	146152	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	121593	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.27	63	203446	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.20	46	274353	42.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.30%
24) Chloroform-d	4.64	84	255805	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	128987	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.33	84	536652	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.33	67	152380	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.56	98	446578	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.85	79	50958	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	239121	41.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124794	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	156222	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

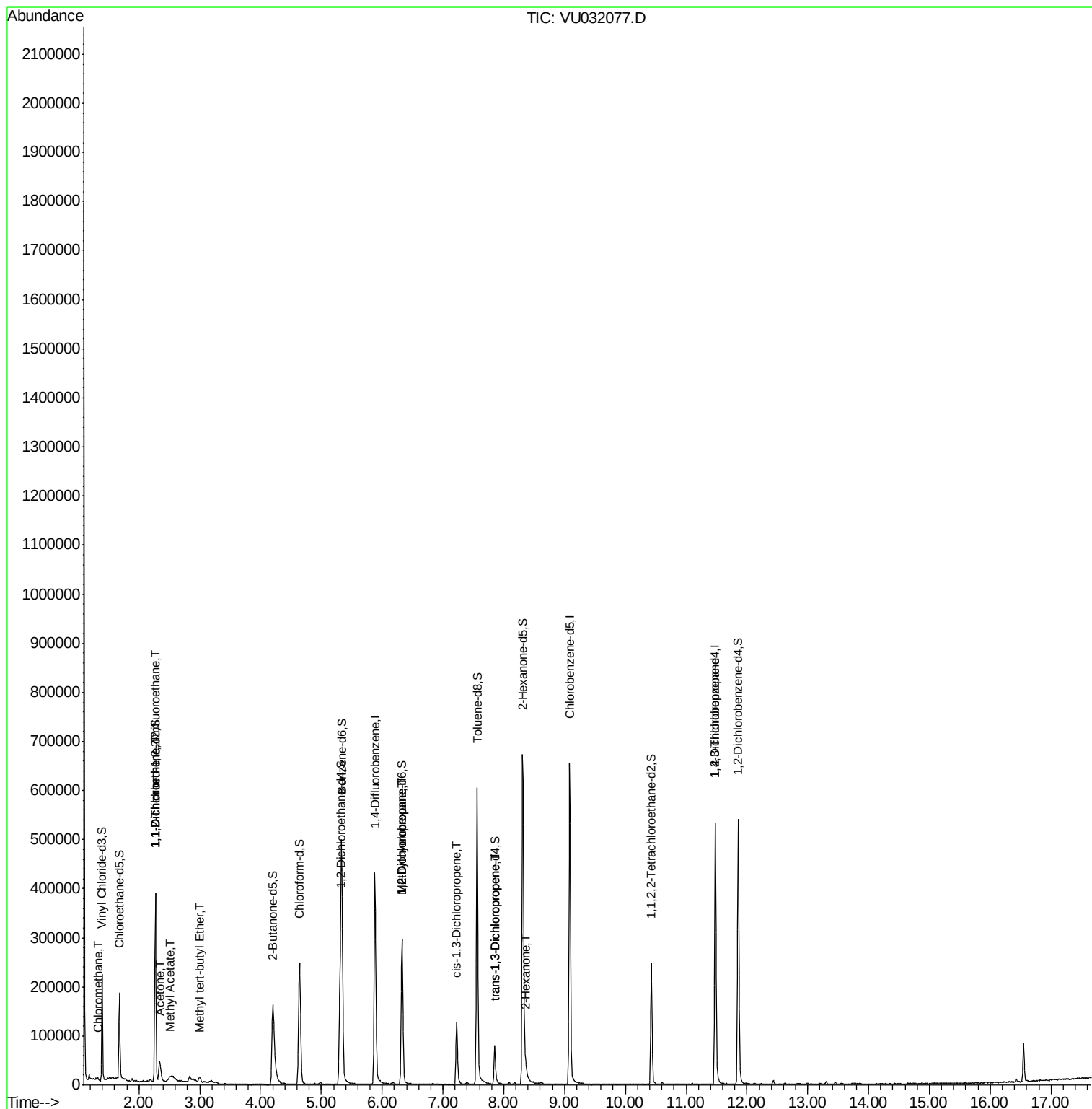
					Qvalue
3) Chloromethane	1.32	50	3546	0.190 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2294	0.144 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1804	0.115 ug/L #	1
13) Acetone	2.34	43	54113	25.625 ug/L	99
15) Methyl Acetate	2.51	43	3383	0.559 ug/L #	46
17) Methyl tert-butyl Ether	3.00	73	10882	0.296 ug/L #	93
35) Methylcyclohexane	6.33	83	36800	1.541 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	16244	1.087 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3729	0.180 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1925	0.120 ug/L #	56
48) 2-Hexanone	8.36	43	10927	2.033 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	15822	1.666 ug/L #	87

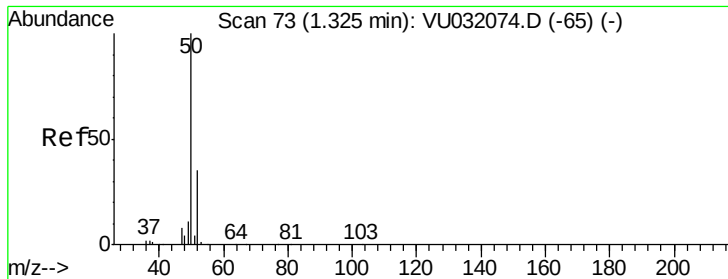
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.190 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032077.D

Acq: 17 May 2019 03:42

Instrument :

MSVOA_U

ClientSampleId :

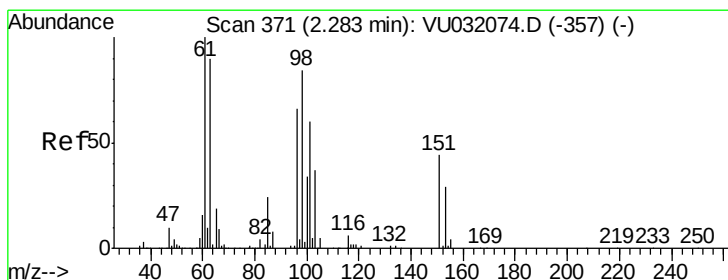
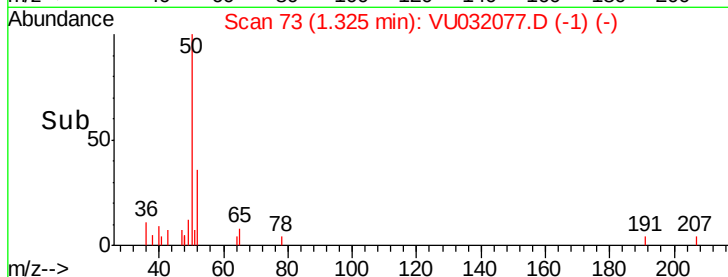
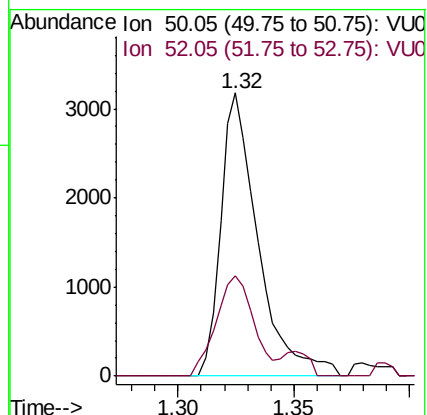
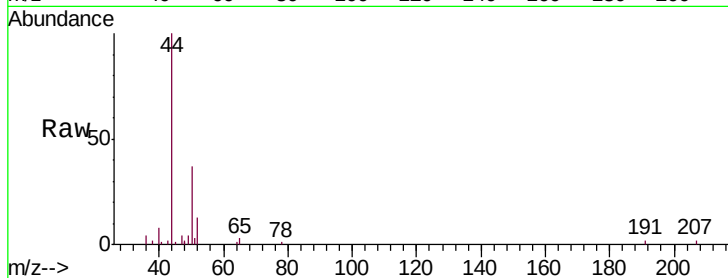
F9W16

Tgt Ion: 50 Resp: 3546

Ion Ratio Lower Upper

50 100

52 35.6 23.2 43.0



#10

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

Concen: 0.144 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032077.D

Acq: 17 May 2019 03:42

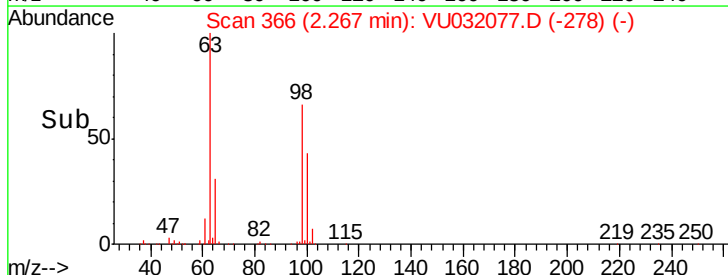
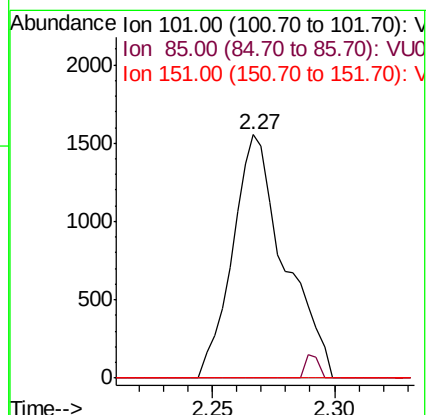
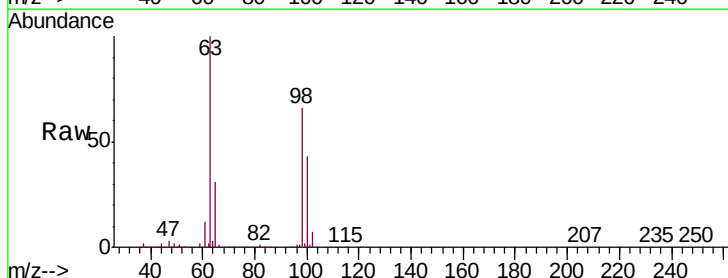
Tgt Ion: 101 Resp: 2294

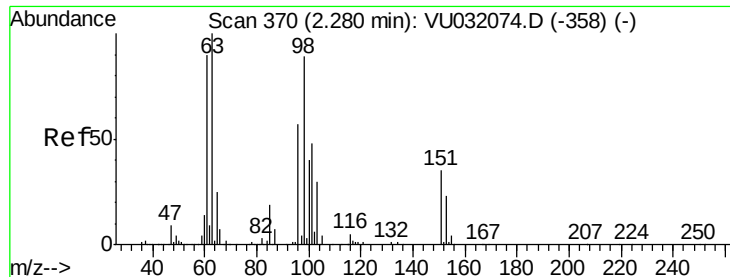
Ion Ratio Lower Upper

101 100

85 2.4 33.8 50.8#

151 0.0 59.4 89.2#





#12

1,1-Dichloroethene

Concen: 0.115 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032077.D

Acq: 17 May 2019 03:42

Instrument :

MSVOA_U

ClientSampleId :

F9W16

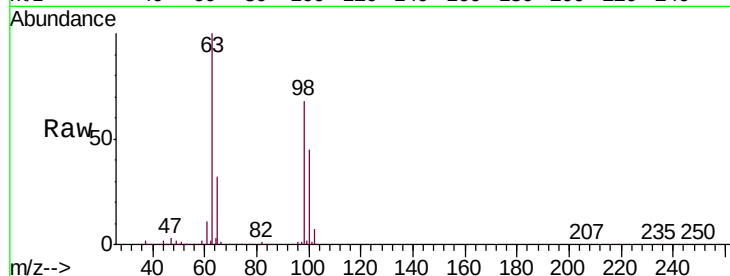
Tgt Ion: 96 Resp: 1804

Ion Ratio Lower Upper

96 100

61 1159.8 111.7 207.5#

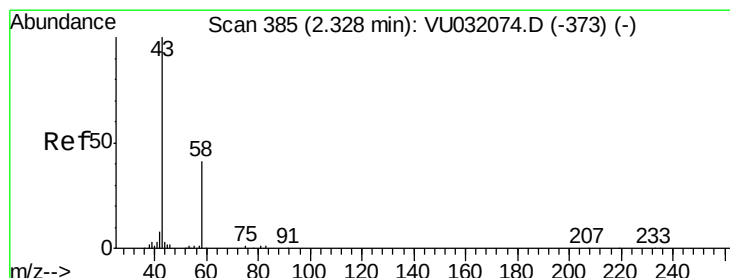
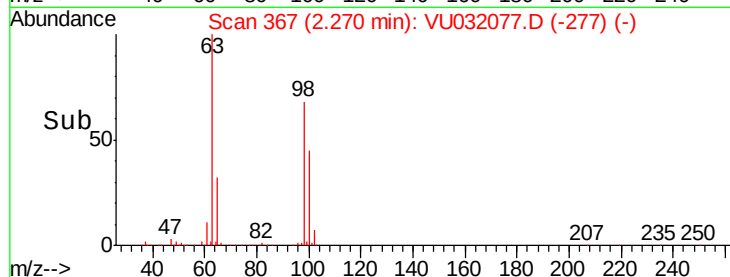
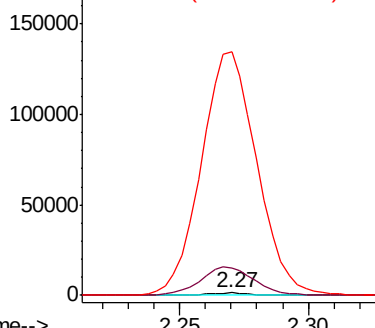
63 10134.9 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032077.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032077.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032077.D (-277) (-)



#13

Acetone

Concen: 25.625 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: VU032077.D

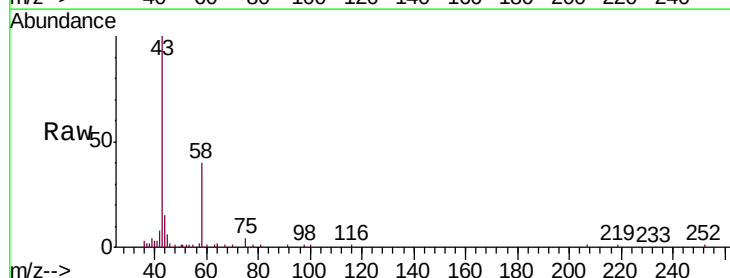
Acq: 17 May 2019 03:42

Tgt Ion: 43 Resp: 54113

Ion Ratio Lower Upper

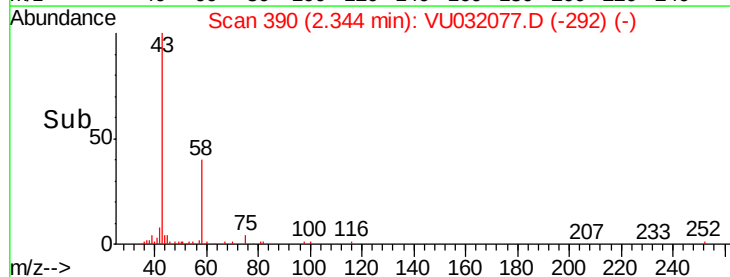
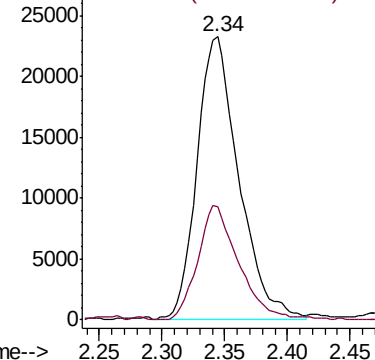
43 100

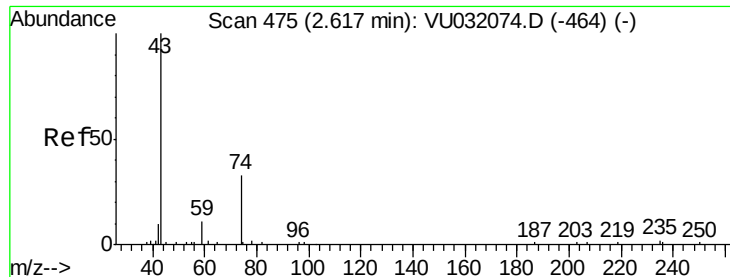
58 38.8 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032077.D (-292) (-)

Ion 58.05 (57.75 to 58.75): VU032077.D (-292) (-)





#15

Methyl Acetate

Concen: 0.559 ug/L

RT: 2.51 min Scan# 443

Delta R.T. -0.10 min

Lab File: VU032077.D

Acq: 17 May 2019 03:42

Instrument :

MSVOA_U

ClientSampleId :

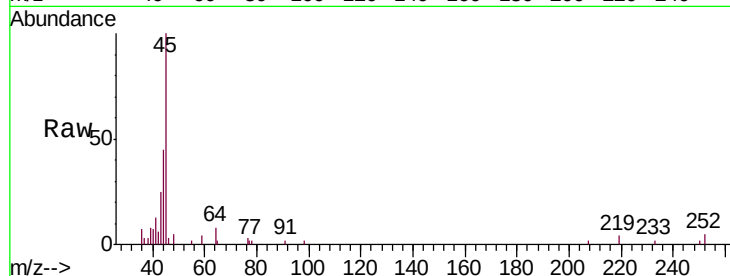
F9W16

Tgt Ion: 43 Resp: 3383

Ion Ratio Lower Upper

43 100

74 2.7 26.4 39.6#

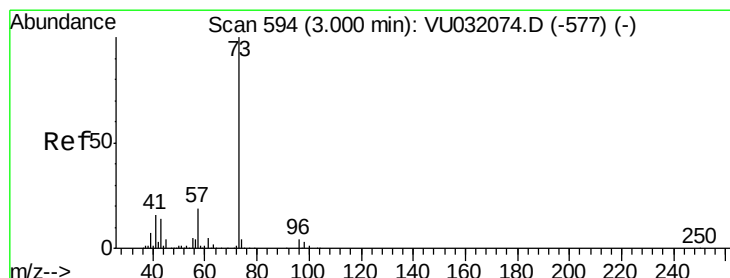
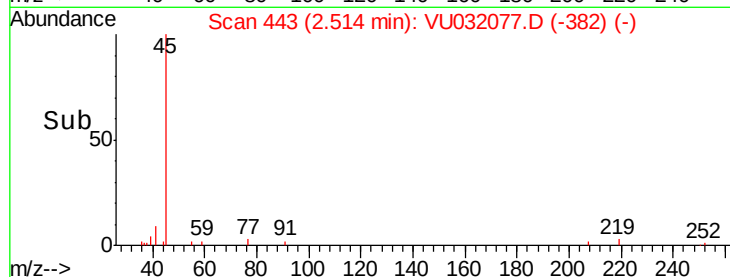


Abundance Ion 43.05 (42.75 to 43.75): VU032077.D (-443) (-)

Ion 74.05 (73.75 to 74.75): VU032077.D (-443) (-)

Time-->

2.45 2.50 2.55



#17

Methyl tert-butyl Ether

Concen: 0.296 ug/L

RT: 3.00 min Scan# 594

Delta R.T. 0.00 min

Lab File: VU032077.D

Acq: 17 May 2019 03:42

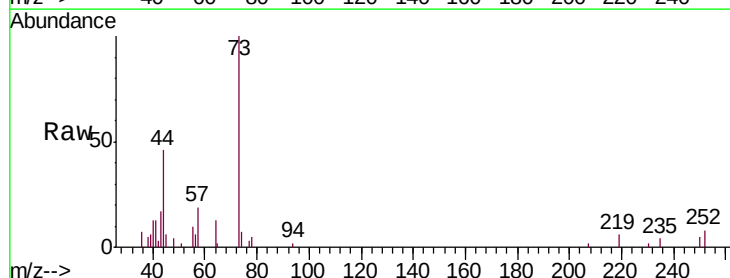
Tgt Ion: 73 Resp: 10882

Ion Ratio Lower Upper

73 100

43 12.1 13.0 19.6#

57 24.4 17.9 26.9



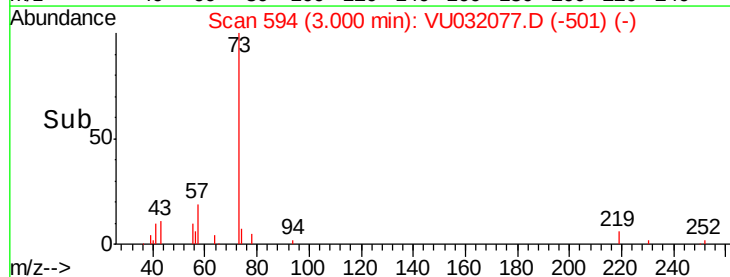
Abundance Ion 73.10 (72.80 to 73.80): VU032077.D (-594) (-)

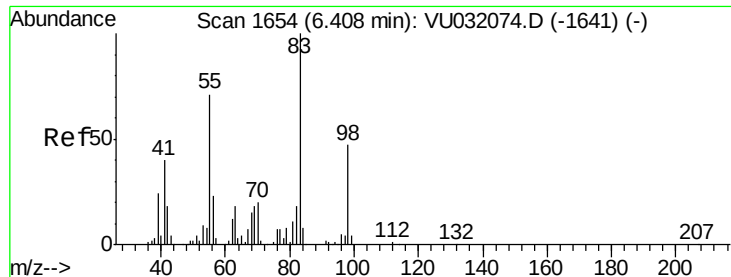
Ion 43.05 (42.75 to 43.75): VU032077.D (-594) (-)

Ion 57.10 (56.80 to 57.80): VU032077.D (-594) (-)

Time-->

2.95 3.00 3.05

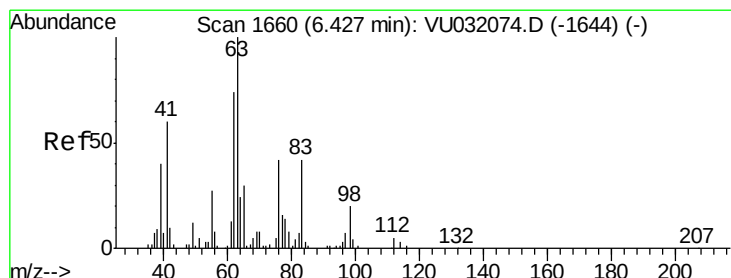
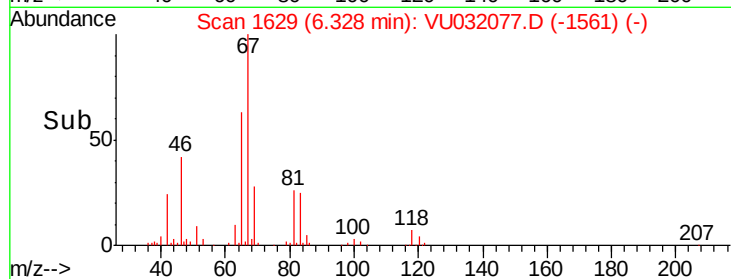
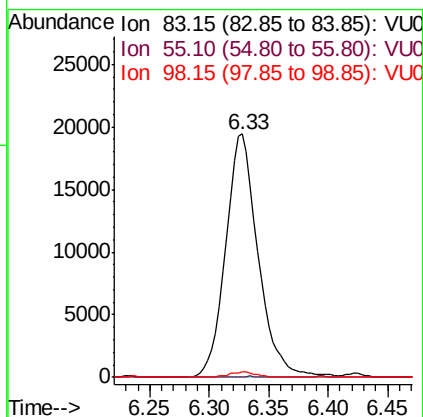
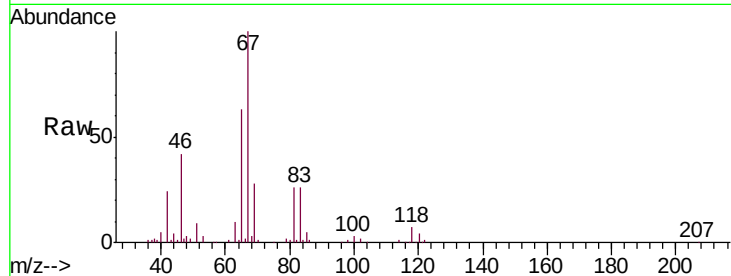




#35
Methylcyclohexane
Concen: 1.541 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032077.D
Acq: 17 May 2019 03:42

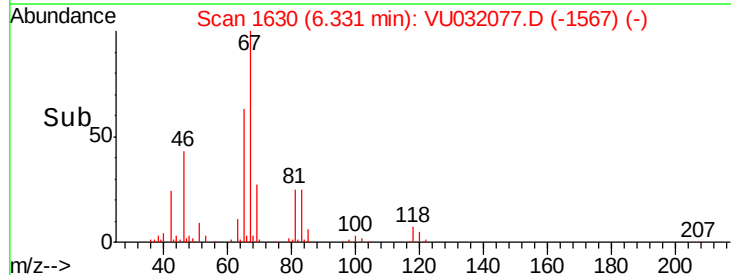
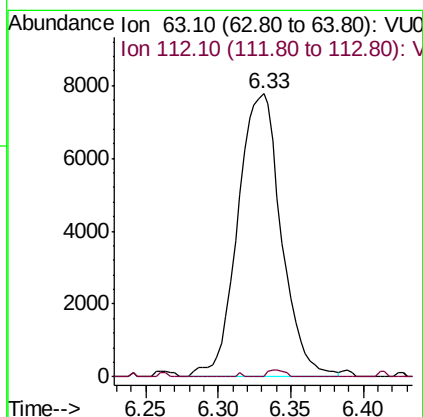
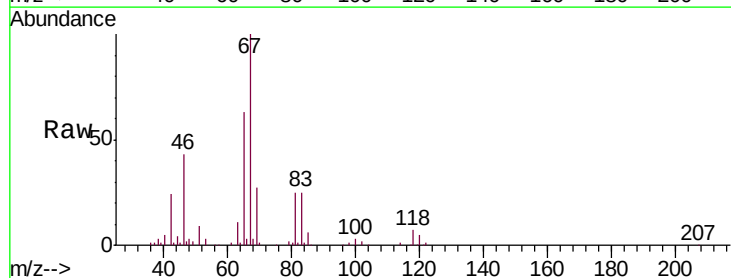
Instrument :
MSVOA_U
ClientSampleId :
F9W16

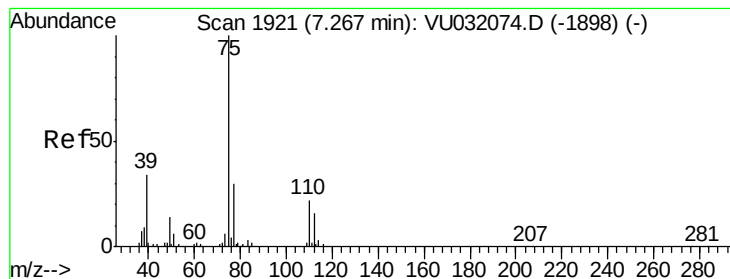
Tgt Ion: 83 Resp: 36800
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.8 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.087 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU032077.D
Acq: 17 May 2019 03:42

Tgt Ion: 63 Resp: 16244
Ion Ratio Lower Upper
63 100
112 0.9 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.180 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU032077.D

Acq: 17 May 2019 03:42

Instrument :

MSVOA_U

ClientSampleId :

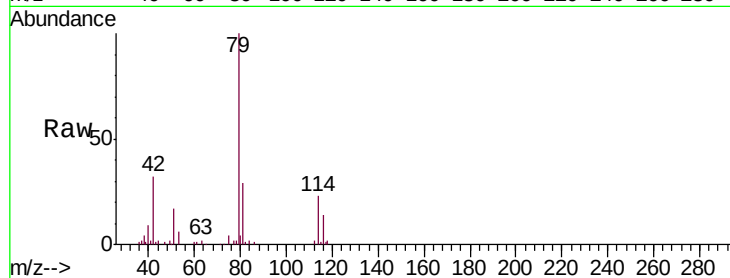
F9W16

Tgt Ion: 75 Resp: 3729

Ion Ratio Lower Upper

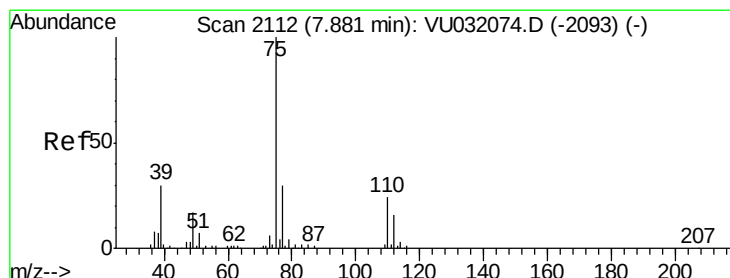
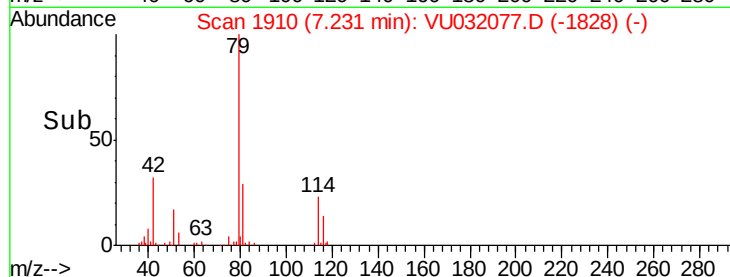
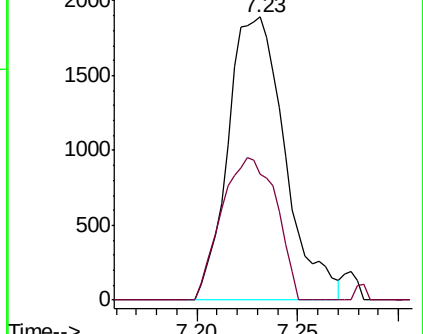
75 100

77 44.5 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032077.D

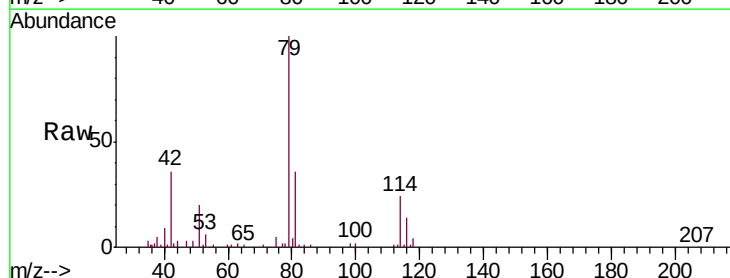
Acq: 17 May 2019 03:42

Tgt Ion: 75 Resp: 1925

Ion Ratio Lower Upper

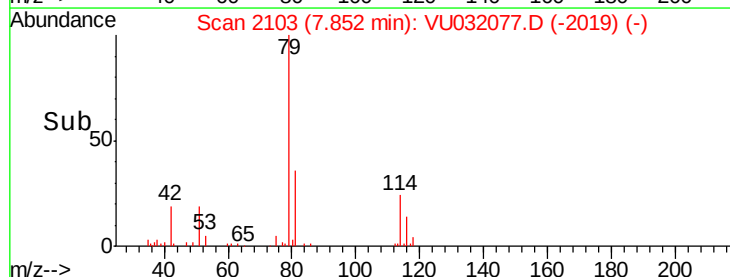
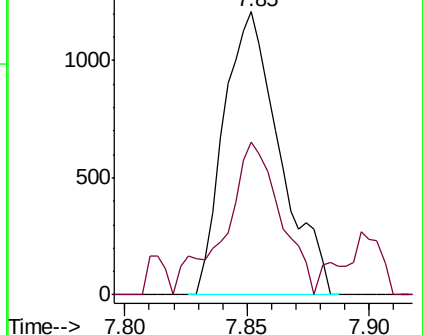
75 100

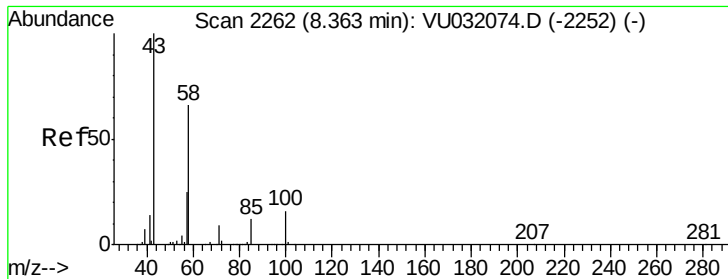
77 53.8 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#48

2-Hexanone

Concen: 2.033 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU032077.D

Acq: 17 May 2019 03:42

Instrument :

MSVOA_U

ClientSampleId :

F9W16

Tgt Ion: 43 Resp: 10927

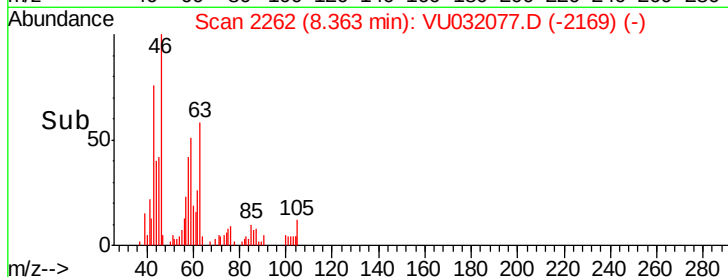
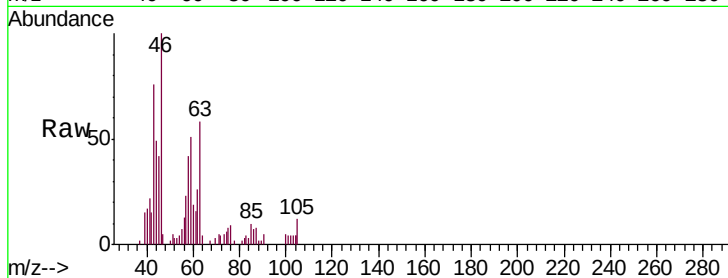
Ion Ratio Lower Upper

43 100

58 60.2 51.6 77.4

57 27.6 18.4 27.6

100 13.9 12.2 18.4

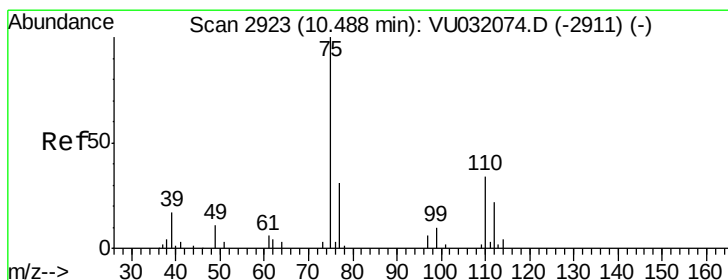
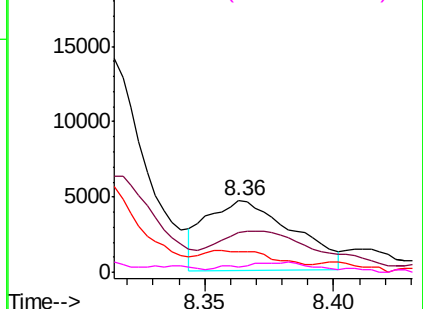


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#59

1,2,3-Trichloropropane

Concen: 1.666 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032077.D

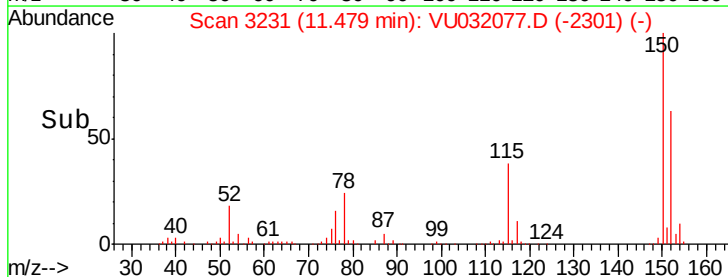
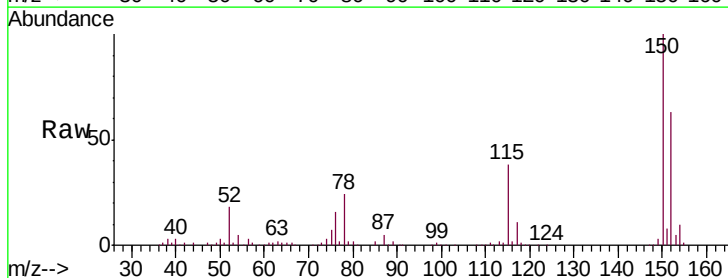
Acq: 17 May 2019 03:42

Tgt Ion: 75 Resp: 15822

Ion Ratio Lower Upper

75 100

77 39.8 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

