

Data File : VU032106.D
Acq On : 17 May 2019 17:22
Operator : JC/SP
Sample : K2850-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W14

Quant Time: May 18 04:12:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	363243	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	373667	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120091	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.68	69	102053	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.27	63	174051	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.21	46	272041	45.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	4.64	84	232267	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.31	65	120838	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.33	84	465376	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.33	67	140052	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.56	98	397125	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.85	79	50522	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.31	63	252327	46.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121940	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	155998	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

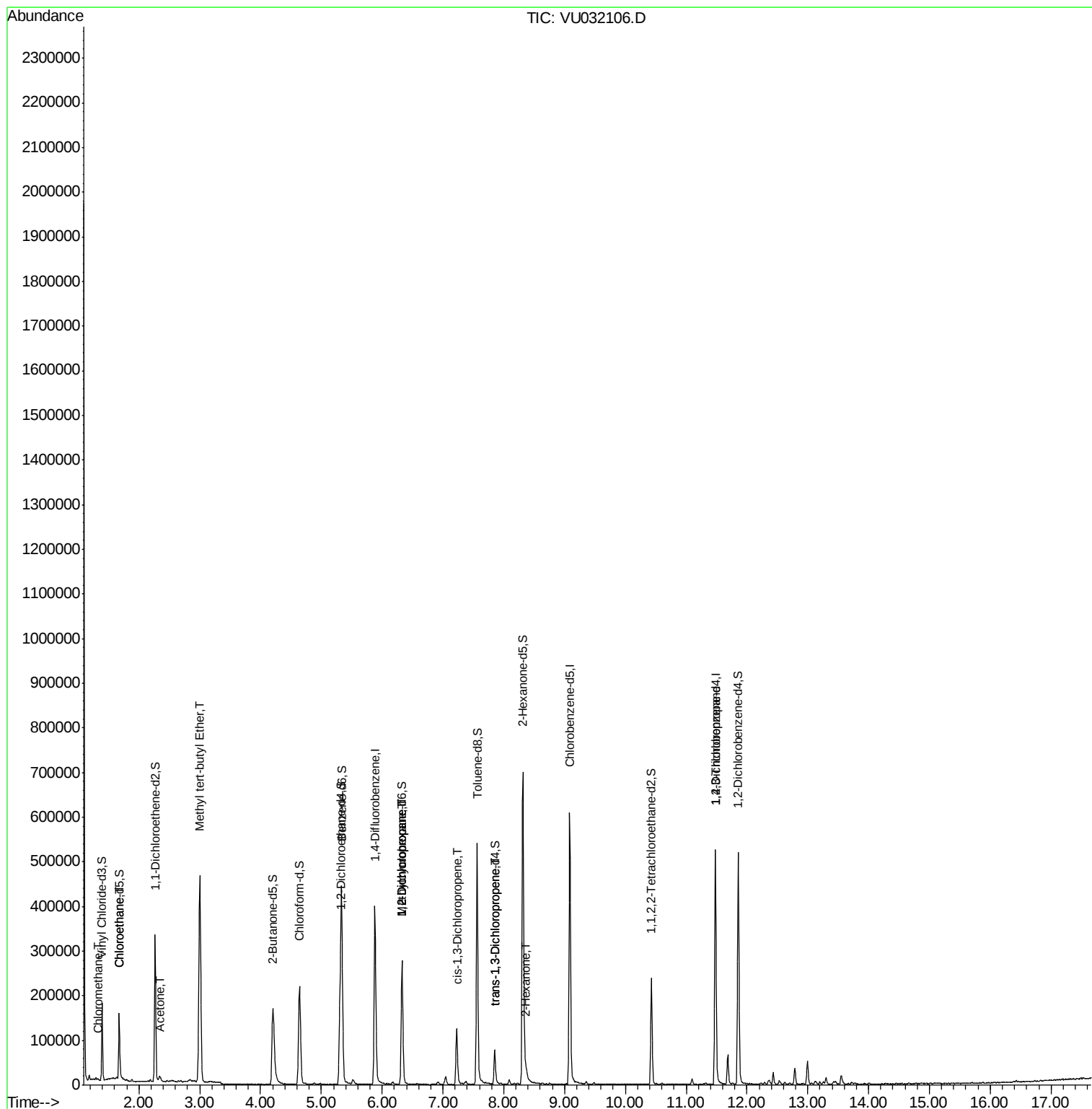
					Qvalue
3) Chloromethane	1.32	50	3826	0.219 ug/L	95
8) Chloroethane	1.67	64	1359	0.120 ug/L #	59
13) Acetone	2.34	43	10900	5.527 ug/L	90
17) Methyl tert-butyl Ether	3.00	73	545703	15.912 ug/L	96
35) Methylcyclohexane	6.33	83	35482	1.583 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14621	1.042 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3284	0.169 ug/L #	43
44) trans-1,3-Dichloropropene	7.85	75	1553	0.103 ug/L #	75
48) 2-Hexanone	8.37	43	7323	1.452 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	16373	1.837 ug/L	98

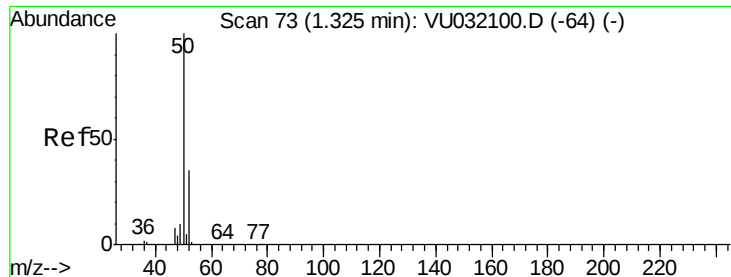
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.219 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032106.D

Acq: 17 May 2019 17:22

Instrument :

MSVOA_U

ClientSampleId :

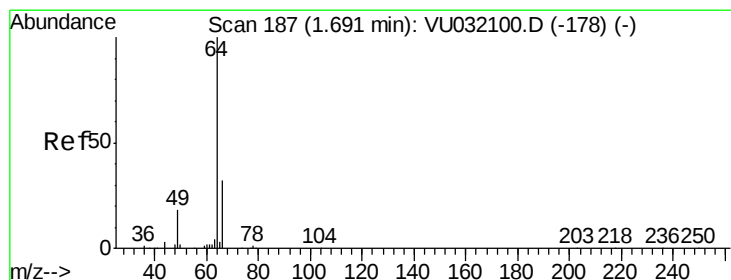
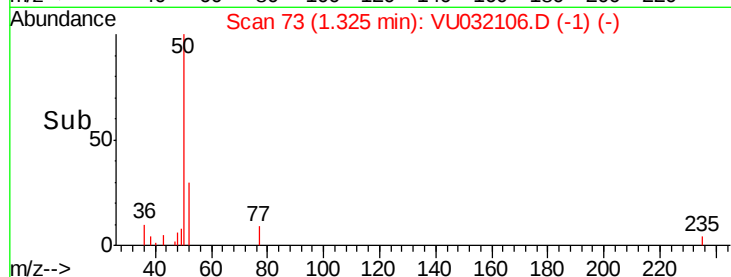
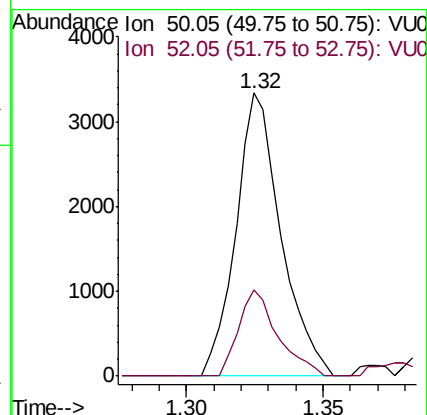
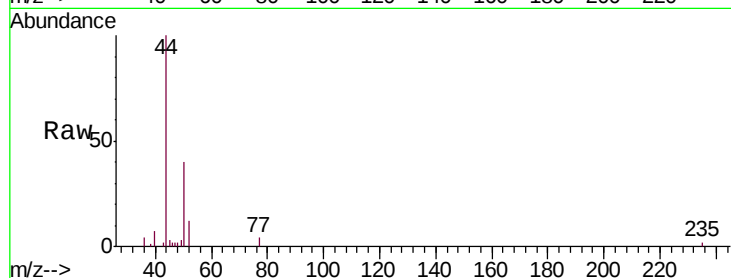
F9W14

Tgt Ion: 50 Resp: 3826

Ion Ratio Lower Upper

50 100

52 30.4 23.2 43.0



#8

Chloroethane

Concen: 0.120 ug/L

RT: 1.67 min Scan# 181

Delta R.T. -0.02 min

Lab File: VU032106.D

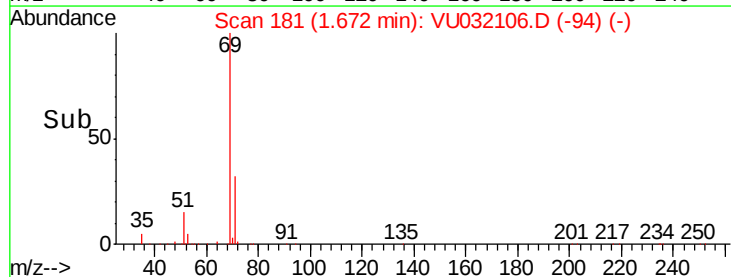
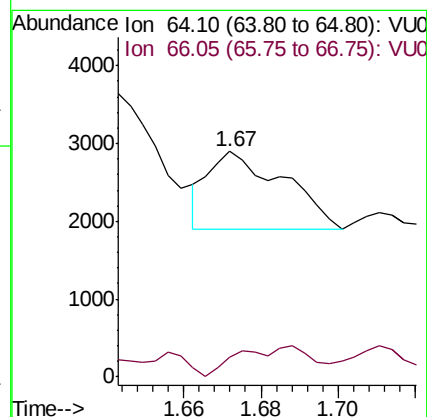
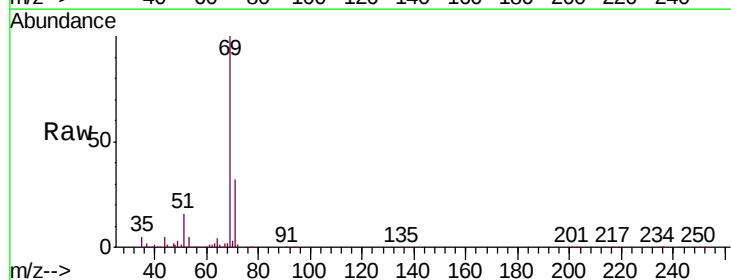
Acq: 17 May 2019 17:22

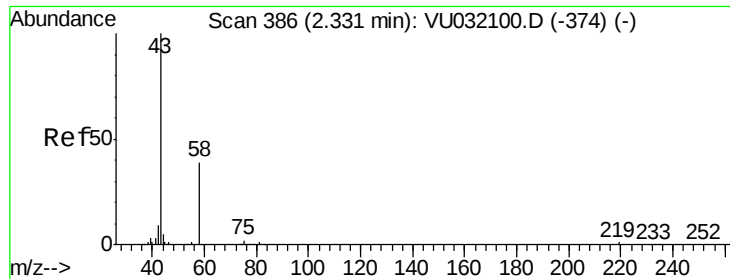
Tgt Ion: 64 Resp: 1359

Ion Ratio Lower Upper

64 100

66 9.0 22.0 41.0#





#13

Acetone

Concen: 5.527 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU032106.D

Acq: 17 May 2019 17:22

Instrument :

MSVOA_U

ClientSampleId :

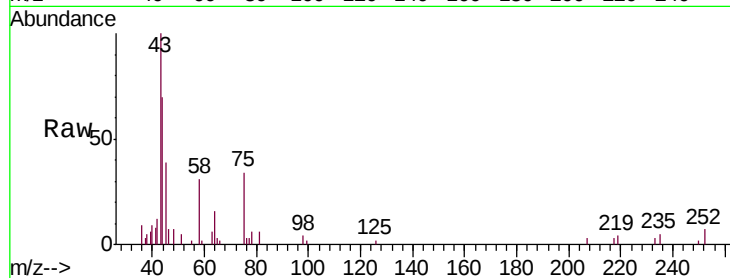
F9W14

Tgt Ion: 43 Resp: 10900

Ion Ratio Lower Upper

43 100

58 33.6 0.0 78.8

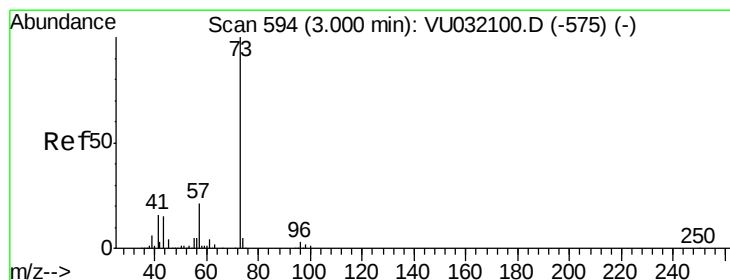
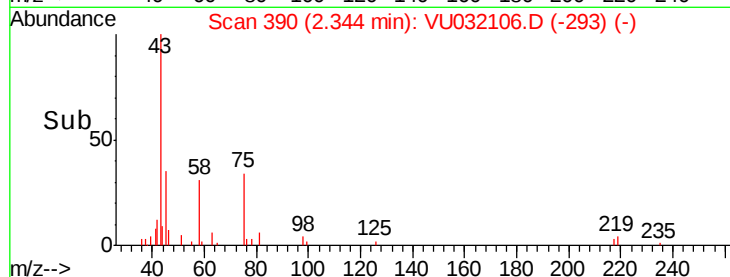


Abundance Ion 43.05 (42.75 to 43.75): VU032106.D (-390) (-)

Ion 58.05 (57.75 to 58.75): VU032106.D (-390) (-)

2.34

Time-->



#17

Methyl tert-butyl Ether

Concen: 15.912 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032106.D

Acq: 17 May 2019 17:22

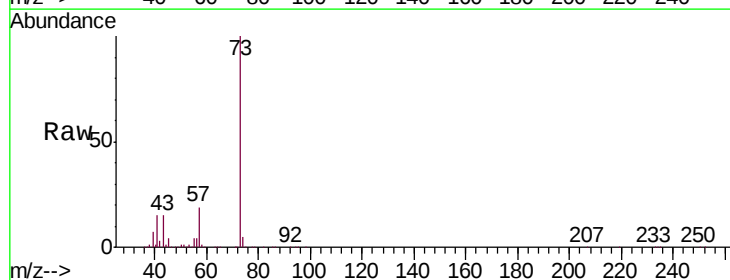
Tgt Ion: 73 Resp: 545703

Ion Ratio Lower Upper

73 100

43 15.3 13.0 19.6

57 19.6 17.9 26.9



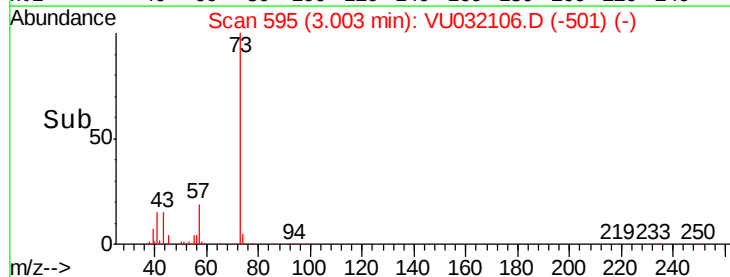
Abundance Ion 73.10 (72.80 to 73.80): VU032106.D (-595) (-)

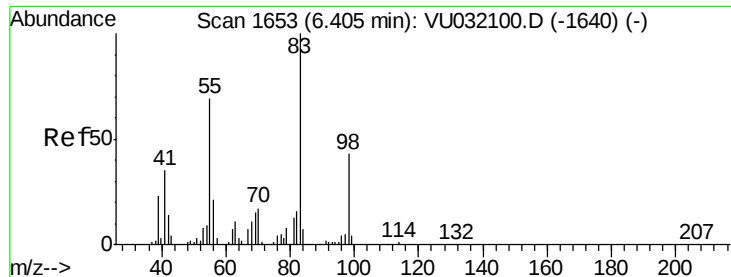
Ion 43.05 (42.75 to 43.75): VU032106.D (-595) (-)

Ion 57.10 (56.80 to 57.80): VU032106.D (-595) (-)

3.00

Time-->

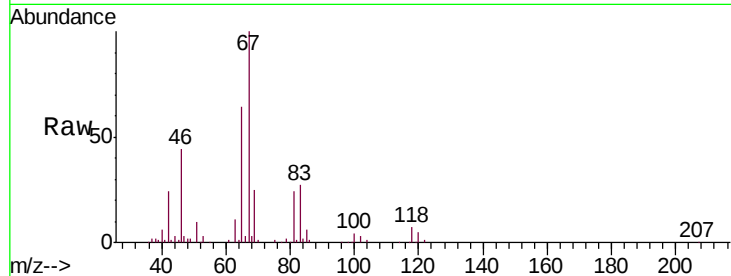




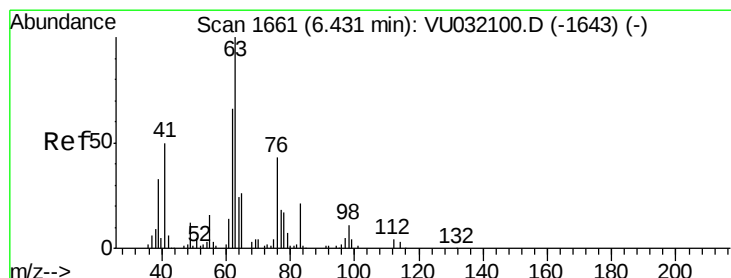
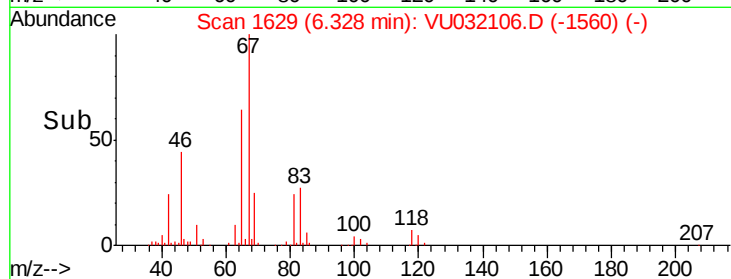
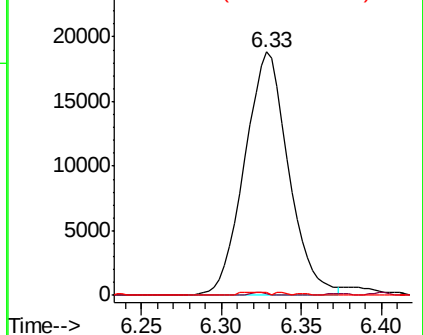
#35
Methylcyclohexane
Concen: 1.583 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032106.D
Acq: 17 May 2019 17:22

Instrument :
MSVOA_U
ClientSampleId :
F9W14

Tgt Ion: 83 Resp: 35482
Ion Ratio Lower Upper
83 100
55 0.4 59.7 89.5#
98 0.3 36.8 55.2#

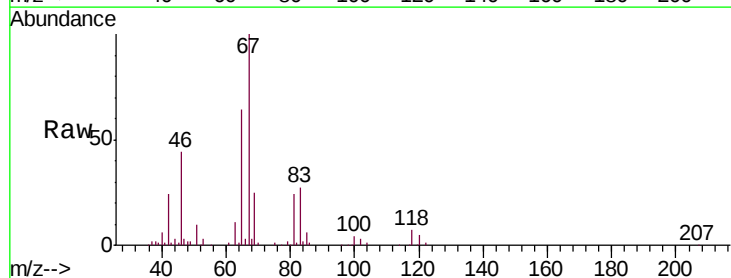


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

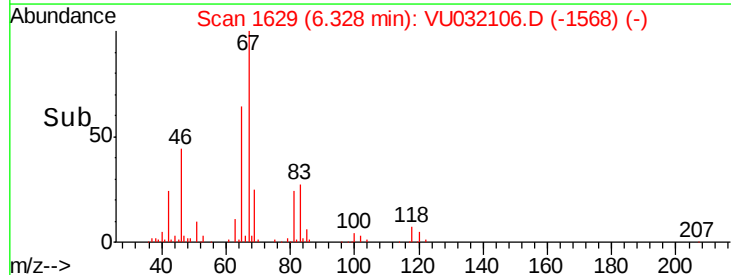
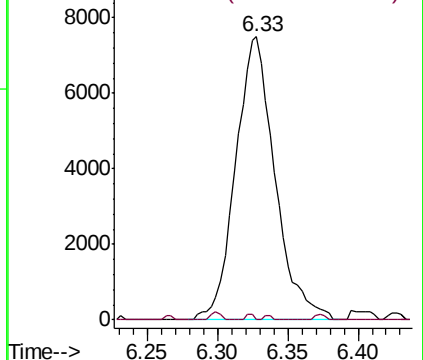


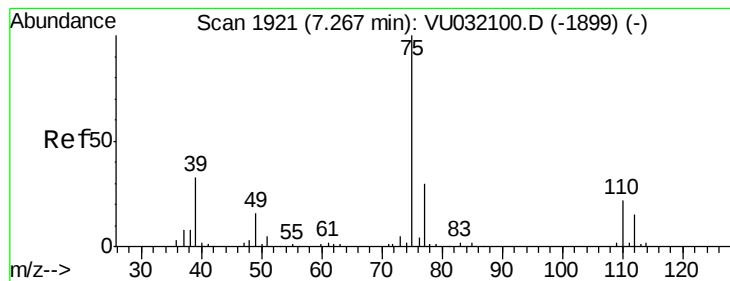
#37
1,2-Dichloropropane
Concen: 1.042 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032106.D
Acq: 17 May 2019 17:22

Tgt Ion: 63 Resp: 14621
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



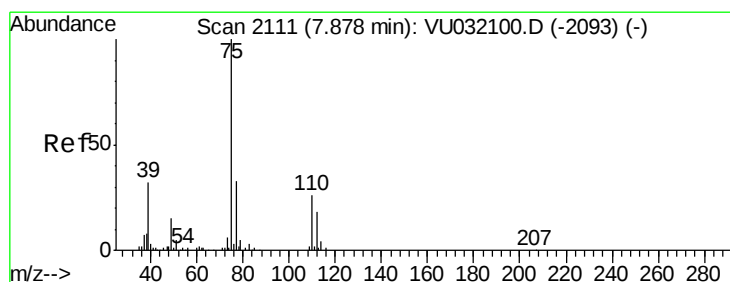
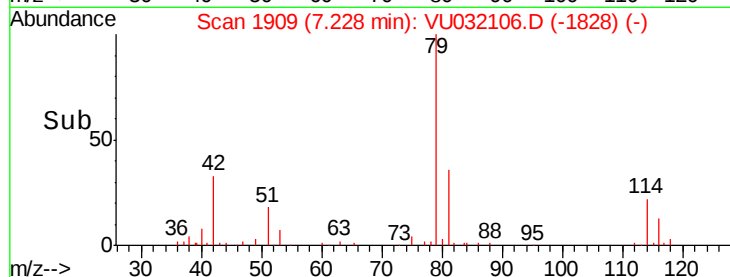
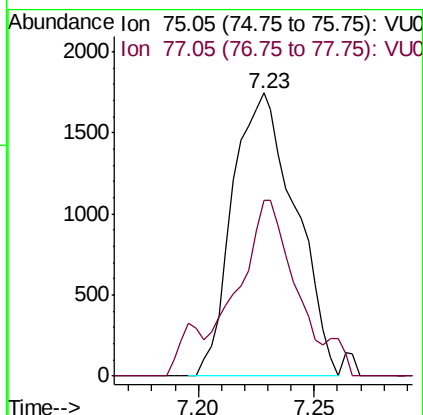
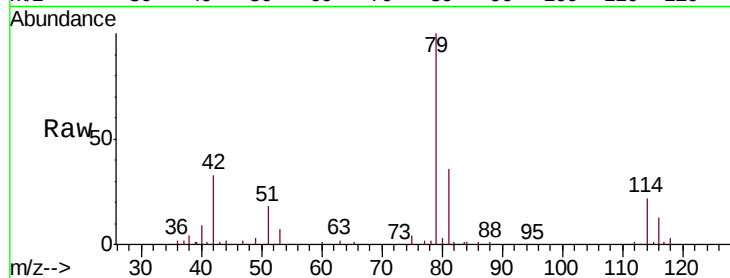


#39

cis-1,3-Dichloropropene
Concen: 0.169 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU032106.D
Acq: 17 May 2019 17:22

Instrument :
MSVOA_U
ClientSampleId :
F9W14

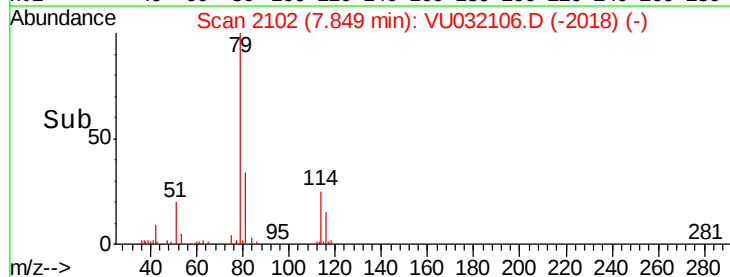
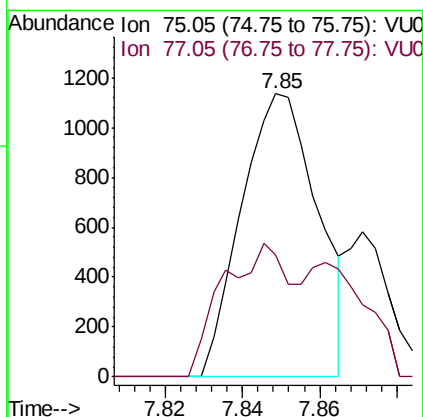
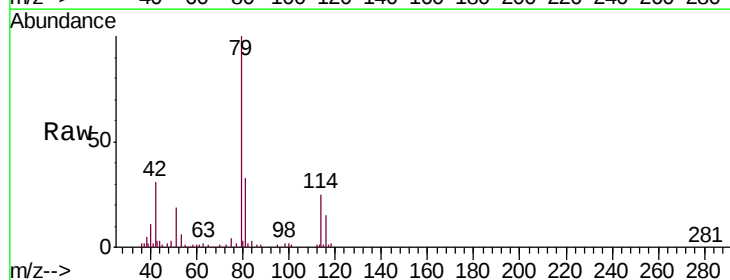
Tgt Ion: 75 Resp: 3284
Ion Ratio Lower Upper
75 100
77 62.3 21.7 40.3#

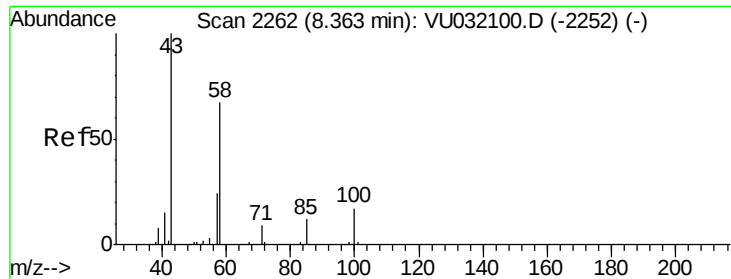


#44

trans-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032106.D
Acq: 17 May 2019 17:22

Tgt Ion: 75 Resp: 1553
Ion Ratio Lower Upper
75 100
77 43.3 21.0 39.0#

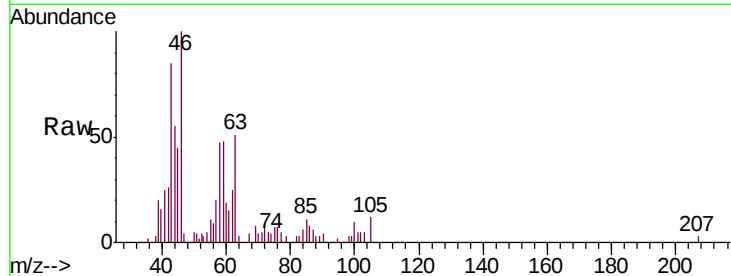




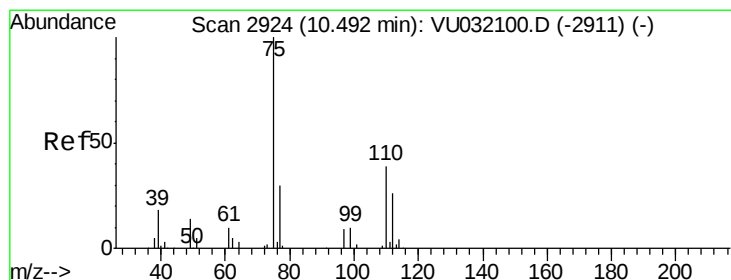
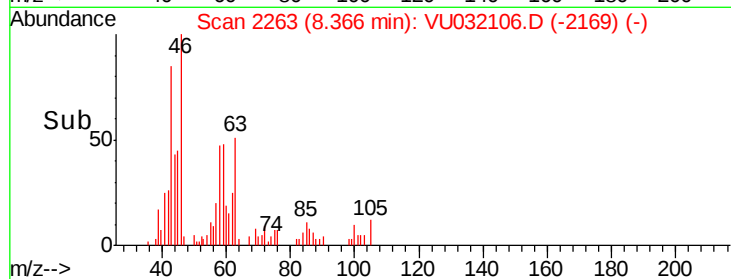
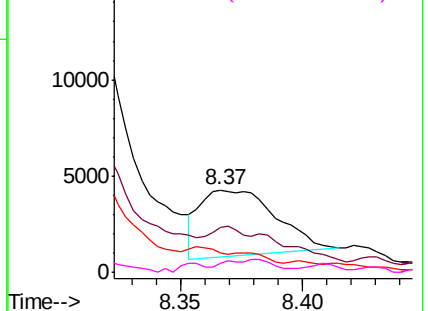
#48
 2-Hexanone
 Concen: 1.452 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032106.D
 Acq: 17 May 2019 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W14

Tgt Ion: 43 Resp: 7323
 Ion Ratio Lower Upper
 43 100
 58 74.4 51.6 77.4
 57 0.0 18.4 27.6#
 100 13.2 12.2 18.4

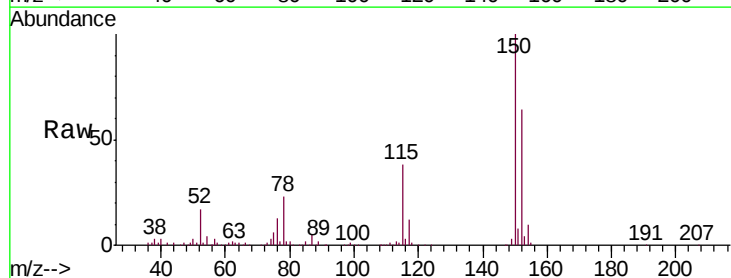


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.837 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032106.D
 Acq: 17 May 2019 17:22

Tgt Ion: 75 Resp: 16373
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

