

Data File : VU032617.D
Acq On : 11 Jun 2019 18:07
Operator : JC/SP
Sample : K3292-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q3

Quant Time: Jun 12 07:32:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	170525	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	162204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83217	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45328	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.94%
7) Chloroethane-d5	1.68	69	40227	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.50%
11) 1,1-Dichloroethene-d2	2.27	63	70641	32.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.22%
21) 2-Butanone-d5	4.17	46	96015	103.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.70%
24) Chloroform-d	4.64	84	100960	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
26) 1,2-Dichloroethane-d4	5.30	65	67159	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
32) Benzene-d6	5.33	84	199425	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
36) 1,2-Dichloropropane-d6	6.32	67	64471	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.66%
41) Toluene-d8	7.56	98	180764	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%
43) trans-1,3-Dichloropropene-	7.85	79	28903	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.31	63	58804	91.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98395	51.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	79863	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

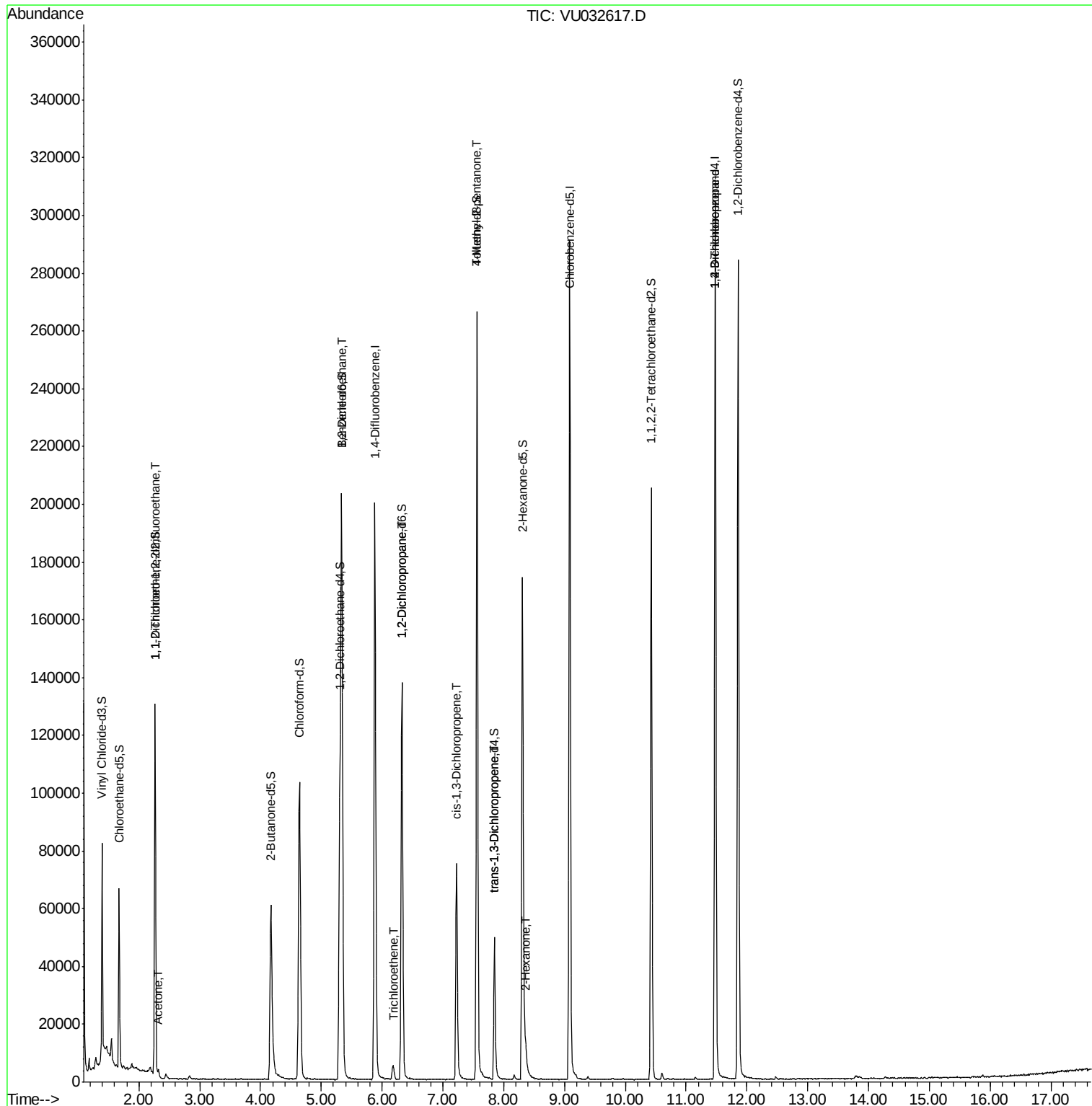
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	613	0.588 ug/L #	18
13) Acetone	2.32	43	2359	2.469 ug/L	90
27) 1,2-Dichloroethane	5.33	62	1117	0.685 ug/L #	75
34) Trichloroethene	6.19	95	1053	0.849 ug/L	87
37) 1,2-Dichloropropane	6.32	63	7300	6.043 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1981	1.039 ug/L #	57
40) 4-Methyl-2-pentanone	7.56	43	934	0.481 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1320	0.780 ug/L	89
48) 2-Hexanone	8.36	43	4542	2.845 ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	9770	6.221 ug/L	91

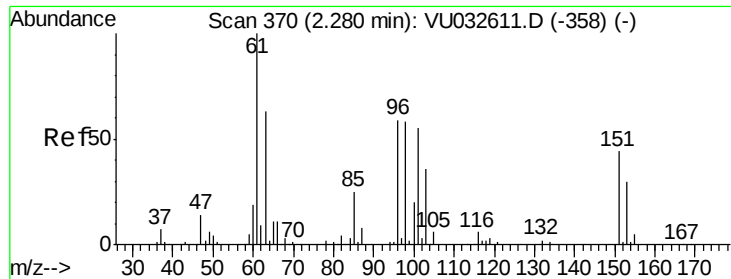
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032617.D
Acq On : 11 Jun 2019 18:07
Operator : JC/SP
Sample : K3292-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q3

Quant Time: Jun 12 07:32:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.588 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032617.D

Acq: 11 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

DB8Q3

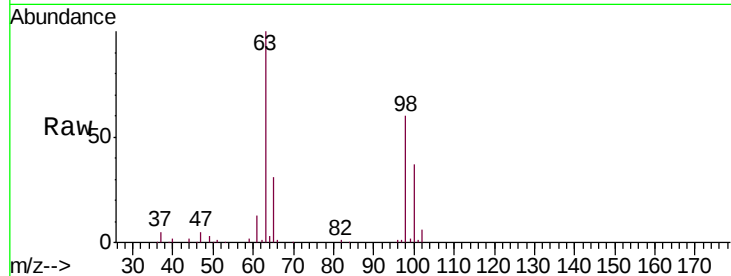
Tgt Ion:101 Resp: 613

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

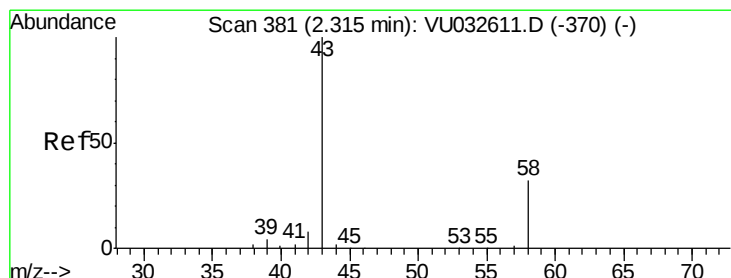
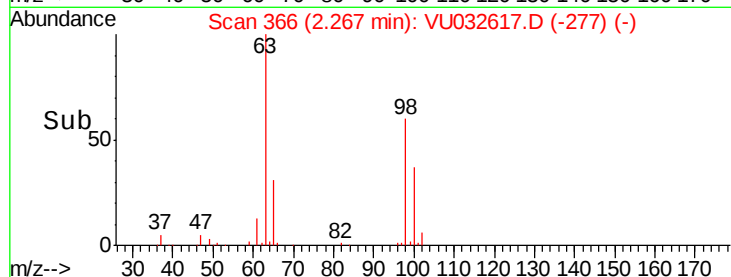
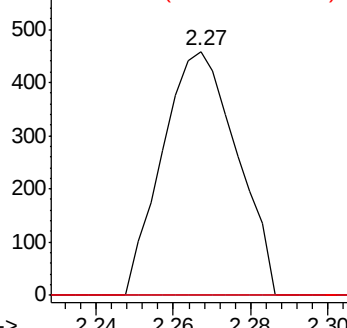
151 0.0 63.0 94.4#



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



#13

Acetone

Concen: 2.469 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032617.D

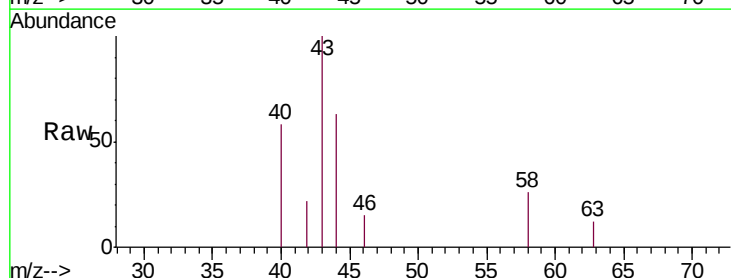
Acq: 11 Jun 2019 18:07

Tgt Ion: 43 Resp: 2359

Ion Ratio Lower Upper

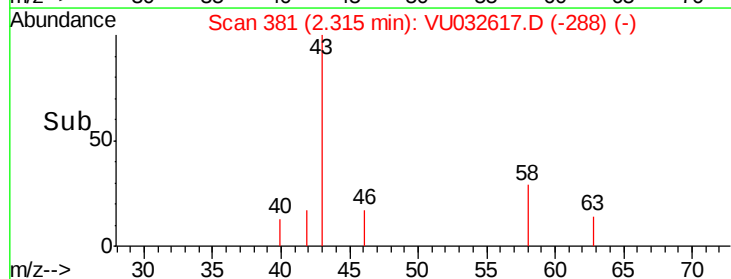
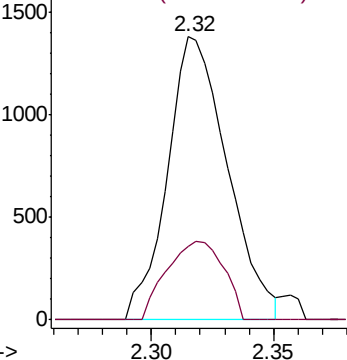
43 100

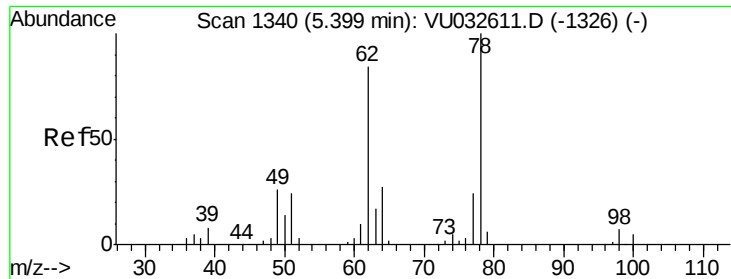
58 26.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

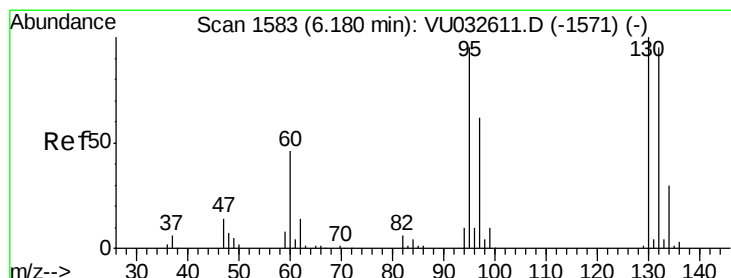
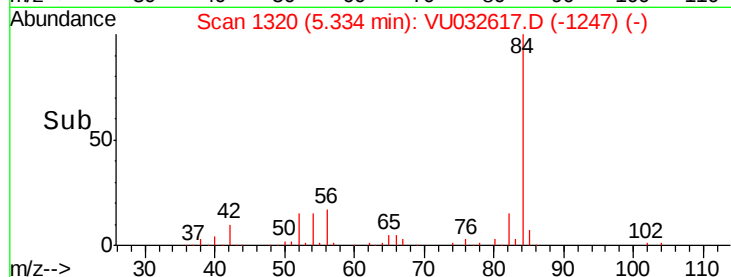
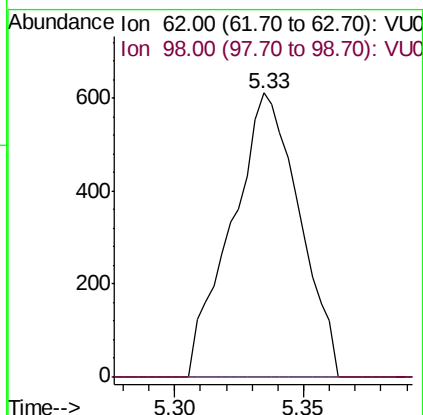
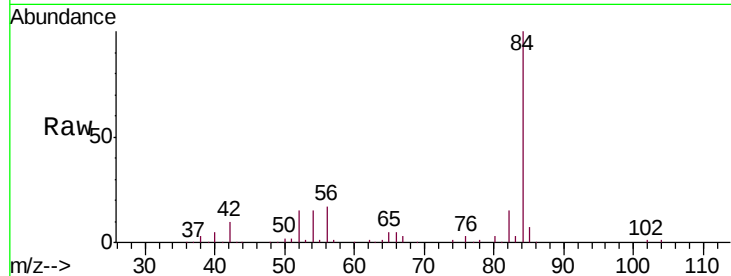




#27
 1,2-Dichloroethane
 Concen: 0.685 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032617.D
 Acq: 11 Jun 2019 18:07

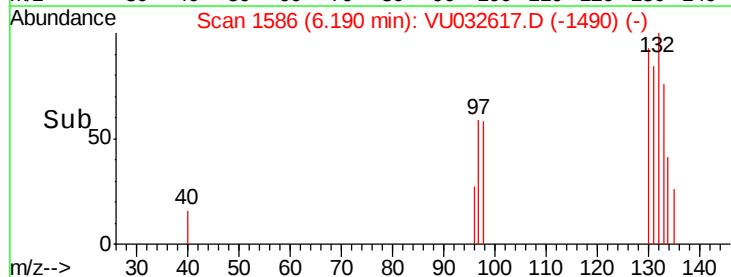
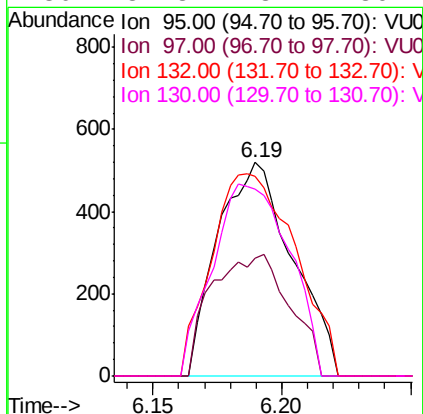
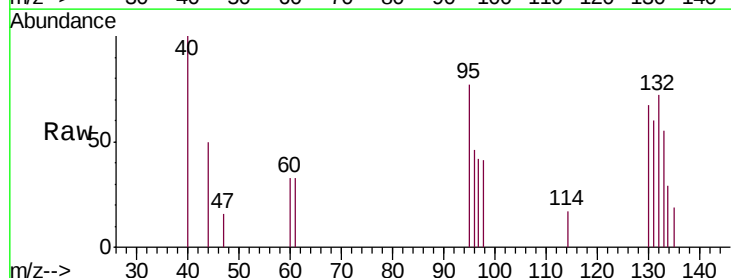
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q3

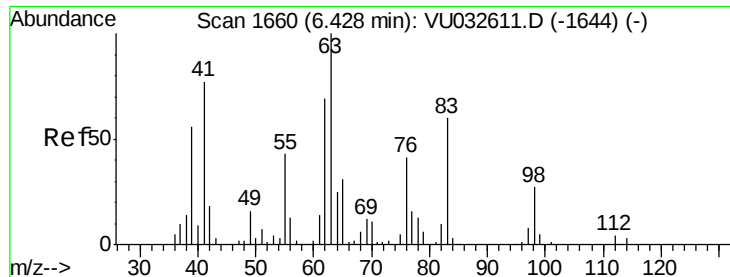
Tgt Ion: 62 Resp: 1117
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#34
 Trichloroethene
 Concen: 0.849 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU032617.D
 Acq: 11 Jun 2019 18:07

Tgt Ion: 95 Resp: 1053
 Ion Ratio Lower Upper
 95 100
 97 55.0 45.8 85.2
 132 93.7 71.0 131.8
 130 87.3 73.4 136.2

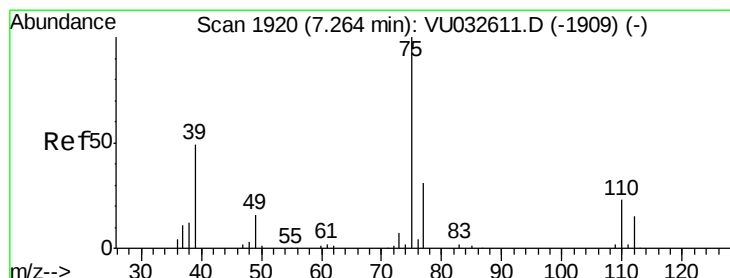
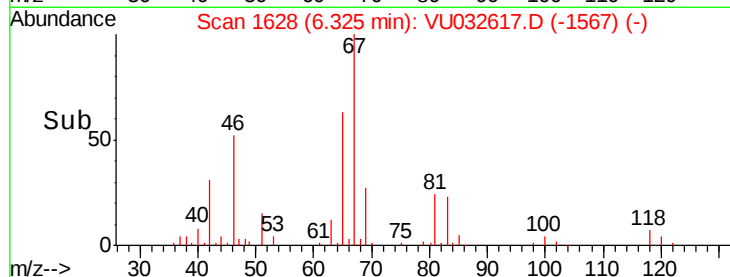
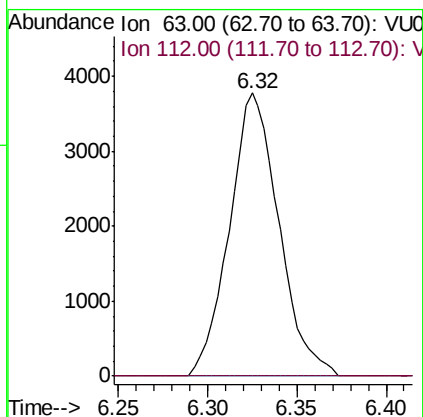
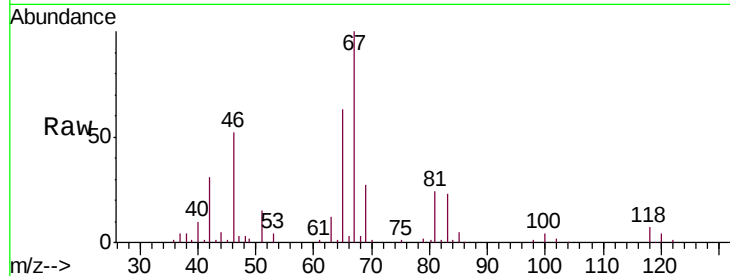




#37
 1,2-Dichloropropane
 Concen: 6.043 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032617.D
 Acq: 11 Jun 2019 18:07

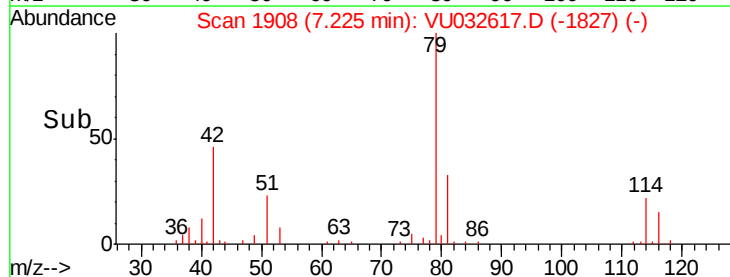
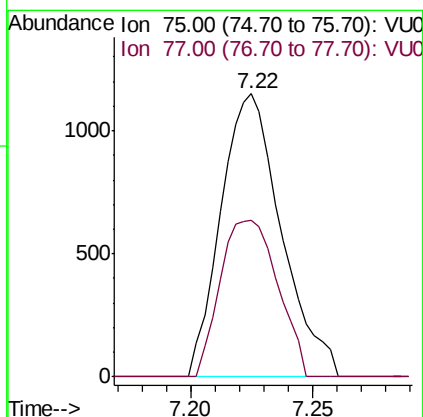
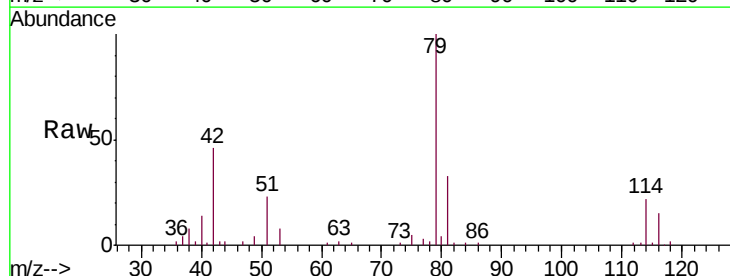
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q3

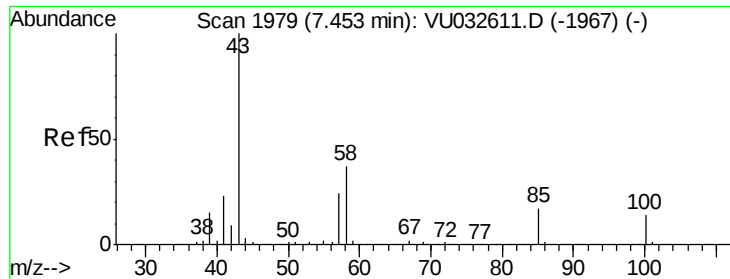
Tgt Ion: 63 Resp: 7300
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.039 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032617.D
 Acq: 11 Jun 2019 18:07

Tgt Ion: 75 Resp: 1981
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.0 41.0#

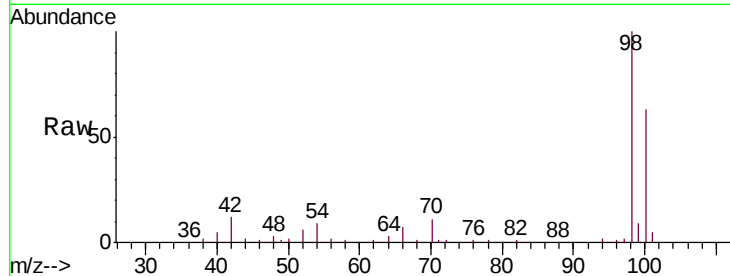




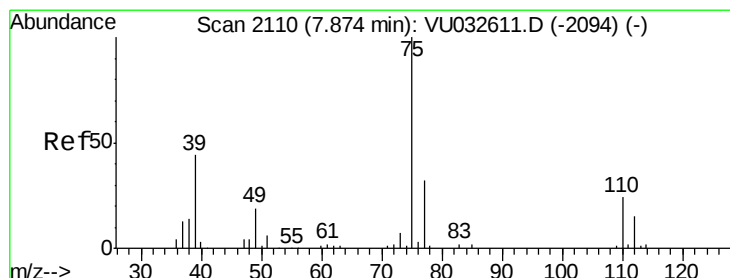
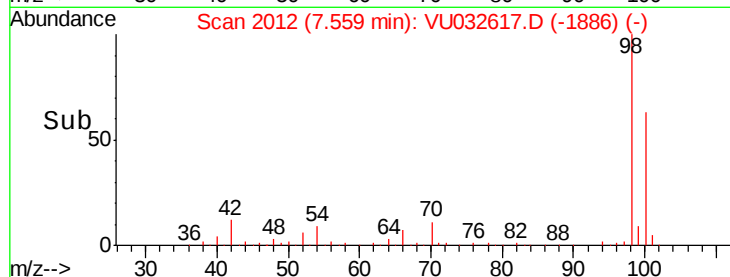
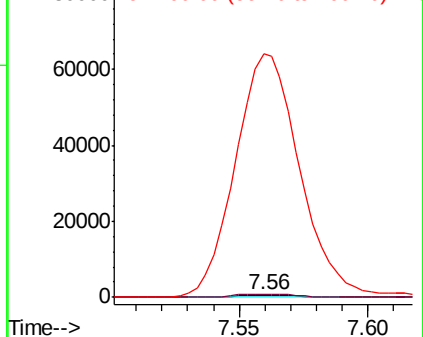
#40
4-Methyl-2-pentanone
Concen: 0.481 ug/L
RT: 7.56 min Scan# 2012
Delta R.T. 0.11 min
Lab File: VU032617.D
Acq: 11 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
DB8Q3

Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 147.2 30.8 46.2#
100 12221.9 12.1 18.1#

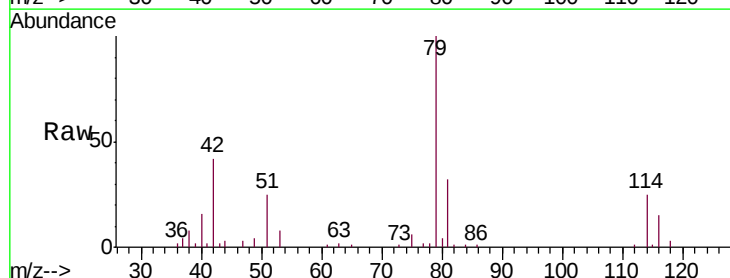


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

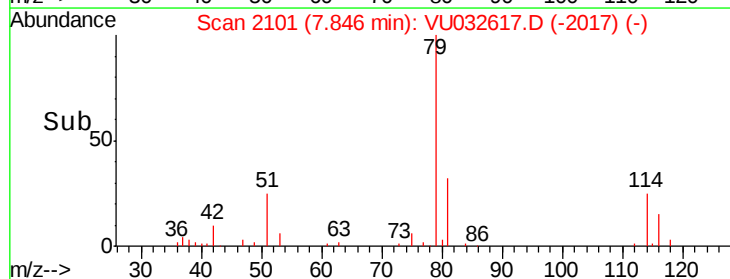
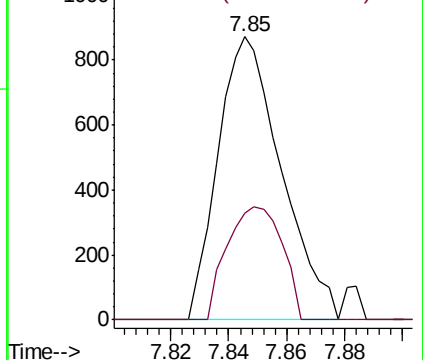


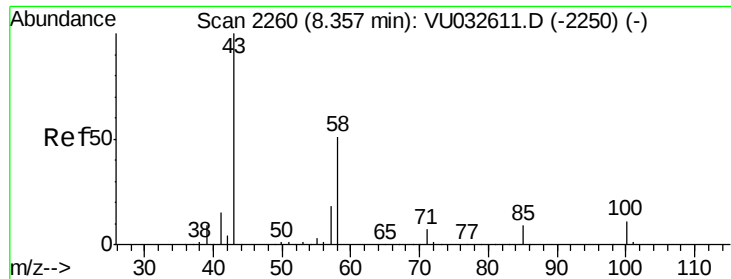
#44
trans-1,3-Dichloropropene
Concen: 0.780 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032617.D
Acq: 11 Jun 2019 18:07

Tgt Ion: 75 Resp: 1320
Ion Ratio Lower Upper
75 100
77 37.8 22.1 41.1



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

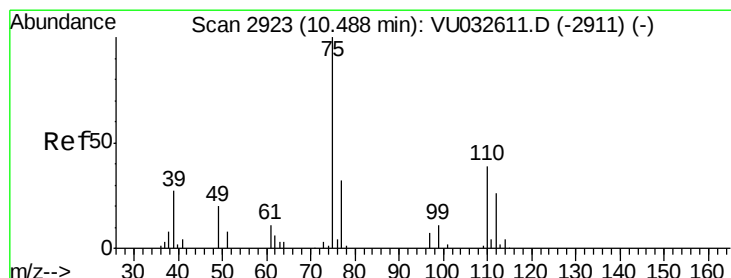
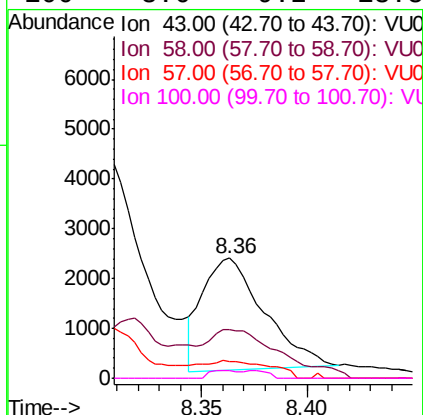
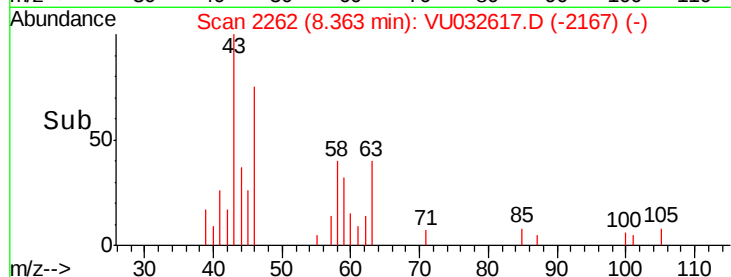
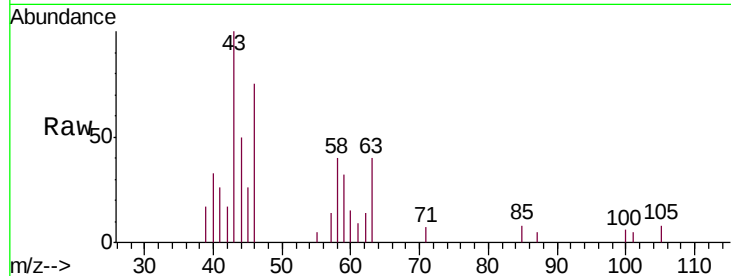




#48
2-Hexanone
Concen: 2.845 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032617.D
Acq: 11 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
DB8Q3

Tgt Ion: 43 Resp: 4542
Ion Ratio Lower Upper
43 100
58 49.3 42.0 63.0
57 14.0 14.6 22.0#
100 3.6 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.221 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032617.D
Acq: 11 Jun 2019 18:07

Tgt Ion: 75 Resp: 9770
Ion Ratio Lower Upper
75 100
77 37.3 25.6 38.4

