

Data File : VU032600.D
Acq On : 11 Jun 2019 11:28
Operator : JC/SP
Sample : K3277-21DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8C6DL

Quant Time: Jun 12 05:34:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	181786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	171338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85483	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51054	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.58%
7) Chloroethane-d5	1.68	69	44349	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.58%
11) 1,1-Dichloroethene-d2	2.27	63	80465	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.68%
21) 2-Butanone-d5	4.17	46	100238	101.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	4.64	84	107680	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.30	65	71640	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
32) Benzene-d6	5.33	84	214903	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
36) 1,2-Dichloropropane-d6	6.32	67	69502	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.66%
41) Toluene-d8	7.56	98	198095	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.85	79	32095	48.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.16%
47) 2-Hexanone-d5	8.31	63	60311	89.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98684	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	83882	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%

Target Compounds

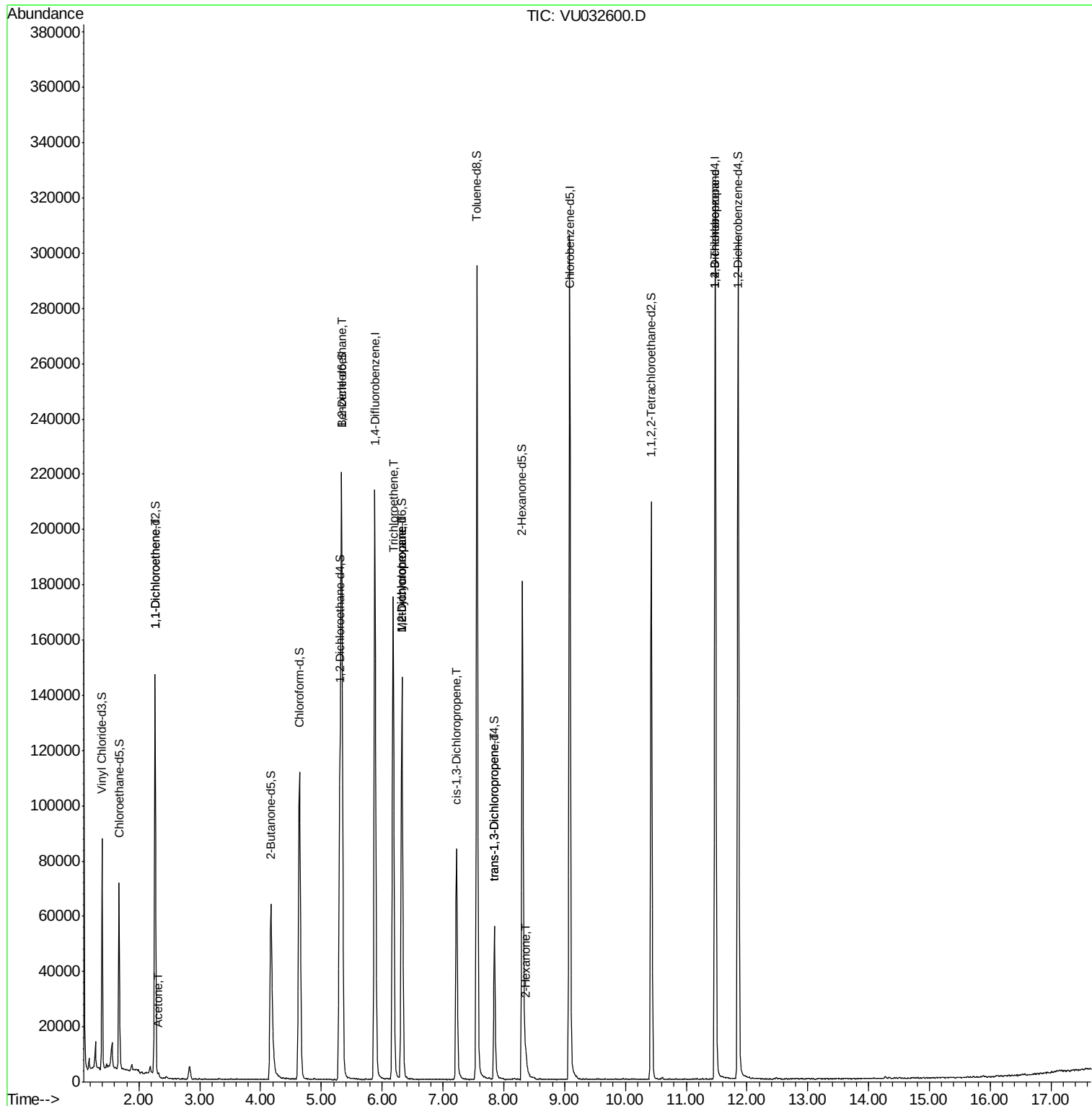
					Qvalue
12) 1,1-Dichloroethene	2.27	96	627	0.581 ug/L #	1
13) Acetone	2.32	43	1278	1.255 ug/L	80
27) 1,2-Dichloroethane	5.33	62	1215	0.699 ug/L #	75
34) Trichloroethene	6.18	95	57202	43.675 ug/L	99
35) Methylcyclohexane	6.32	83	16019	7.555 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7607	5.961 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2288	1.136 ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	1477	0.826 ug/L #	77
48) 2-Hexanone	8.36	43	4618	2.739 ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	10067	6.068 ug/L #	88

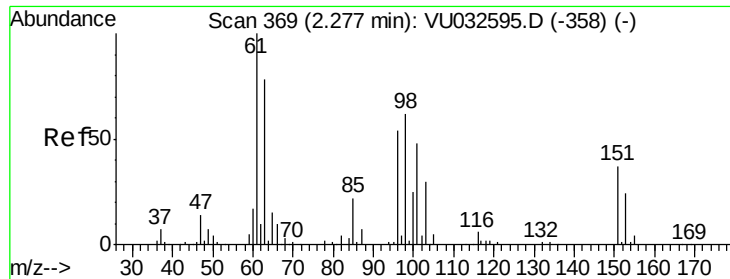
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032600.D
Acq On : 11 Jun 2019 11:28
Operator : JC/SP
Sample : K3277-21DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
DB8C6DL

Quant Time: Jun 12 05:34:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

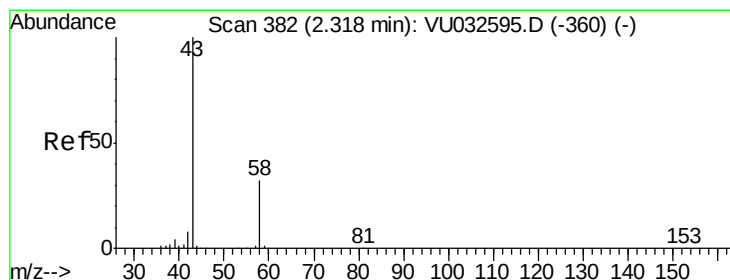
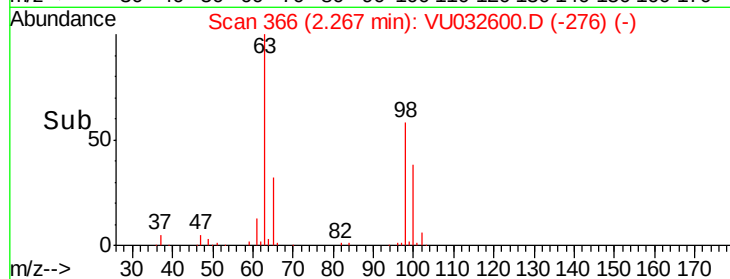
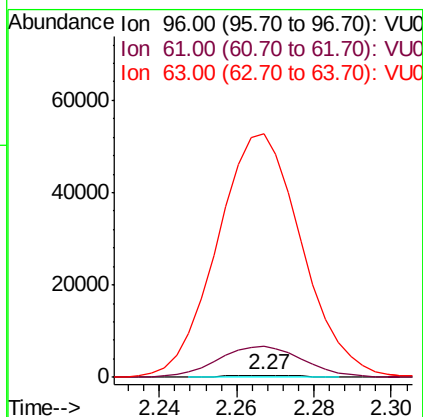
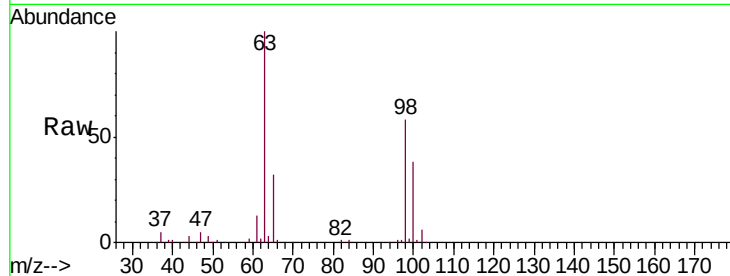




#12
 1,1-Dichloroethene
 Concen: 0.581 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU032600.D
 Acq: 11 Jun 2019 11:28

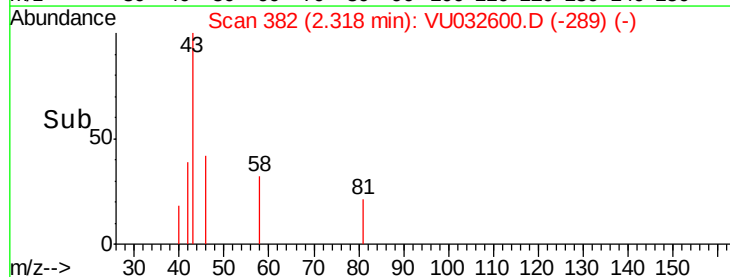
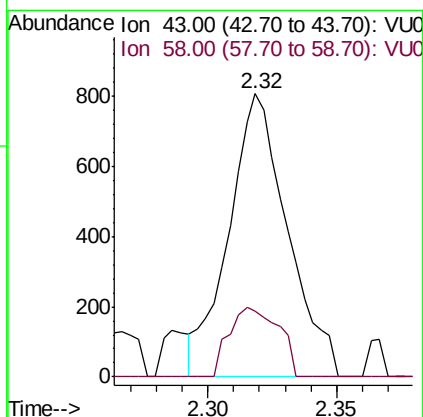
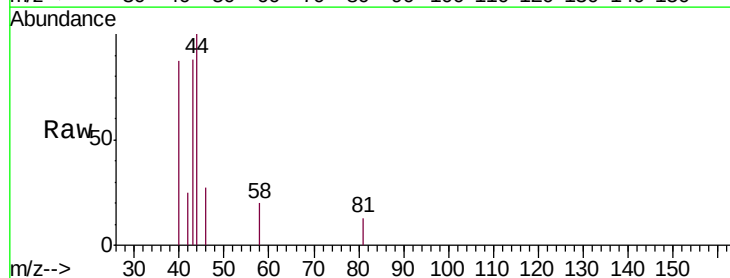
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8C6DL

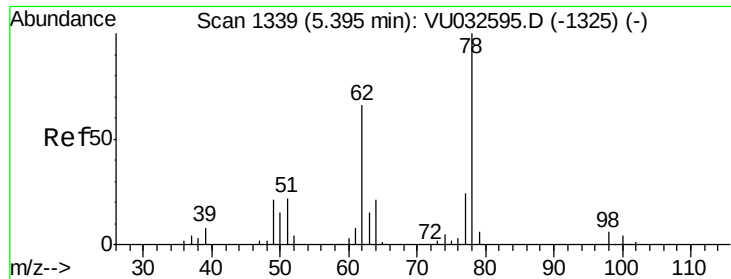
Tgt Ion: 96 Resp: 627
 Ion Ratio Lower Upper
 96 100
 61 1429.3 129.5 240.5#
 63 11365.5 103.4 192.0#



#13
 Acetone
 Concen: 1.255 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VU032600.D
 Acq: 11 Jun 2019 11:28

Tgt Ion: 43 Resp: 1278
 Ion Ratio Lower Upper
 43 100
 58 20.7 0.0 64.0





#27

1,2-Dichloroethane

Concen: 0.699 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.06 min

Lab File: VU032600.D

Acq: 11 Jun 2019 11:28

Instrument :

MSVOA_U

ClientSampleId :

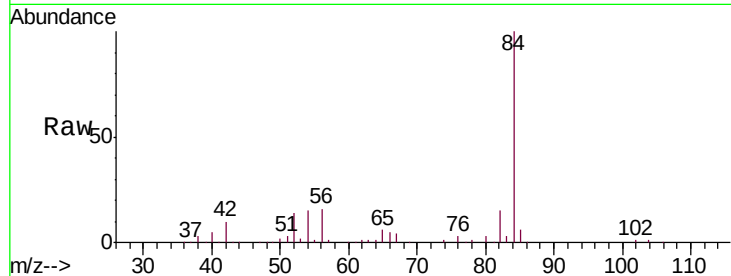
DB8C6DL

Tgt Ion: 62 Resp: 1215

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.33

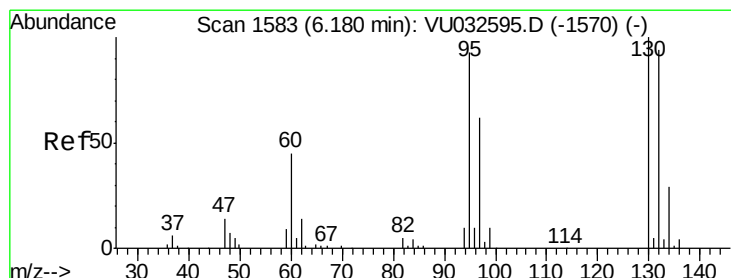
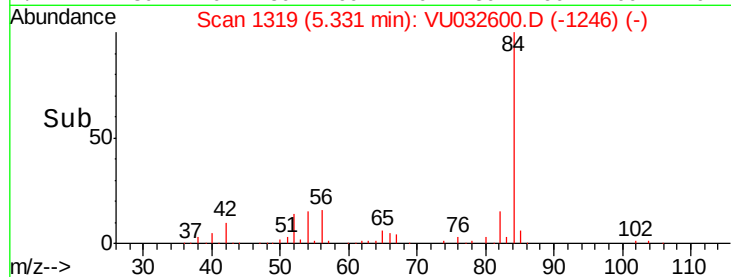
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 43.675 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032600.D

Acq: 11 Jun 2019 11:28

Tgt Ion: 95 Resp: 57202

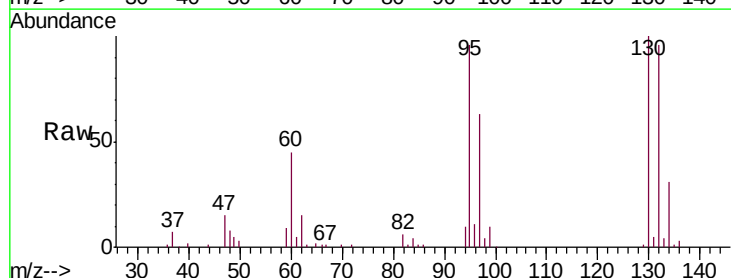
Ion Ratio Lower Upper

95 100

97 65.3 45.8 85.2

132 100.2 71.0 131.8

130 103.9 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

40000

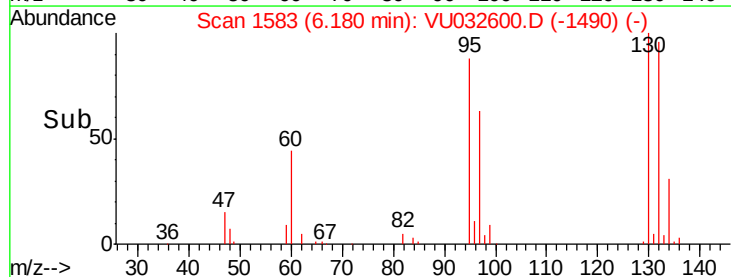
30000

20000

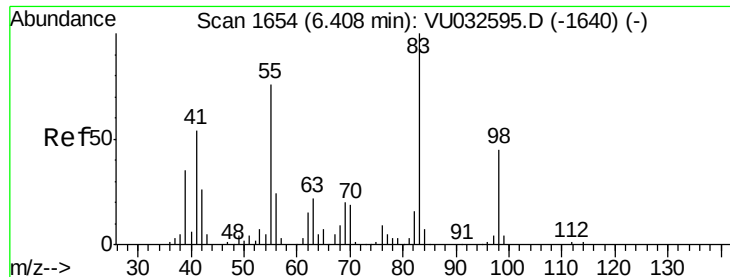
10000

0

Time-->



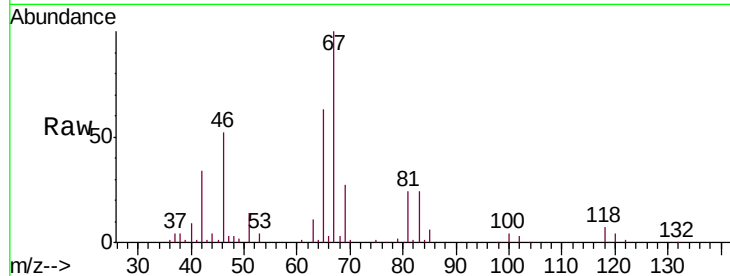
6.18



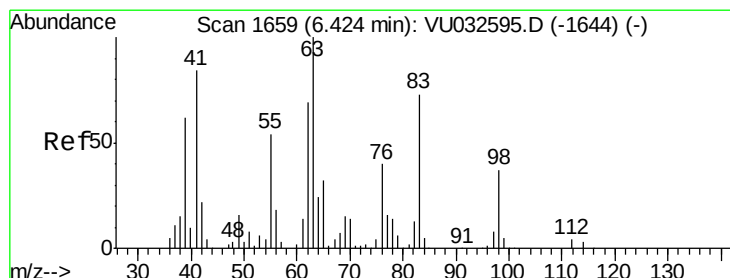
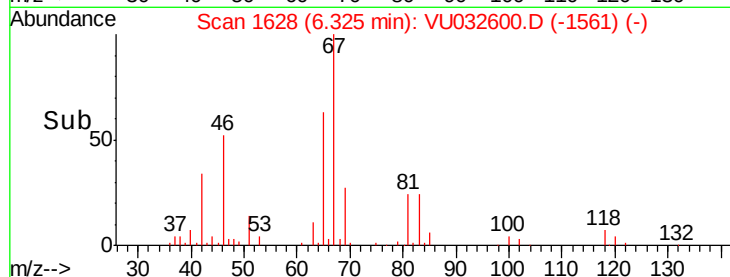
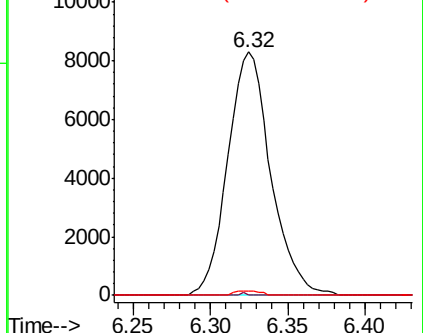
#35
Methylcyclohexane
Concen: 7.555 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032600.D
Acq: 11 Jun 2019 11:28

Instrument :
MSVOA_U
ClientSampleId :
DB8C6DL

Tgt Ion: 83 Resp: 16019
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 1.1 37.4 56.2#

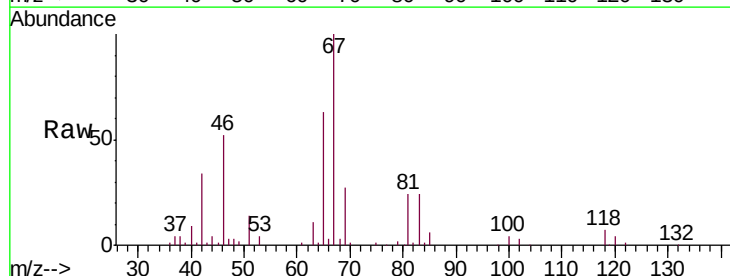


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

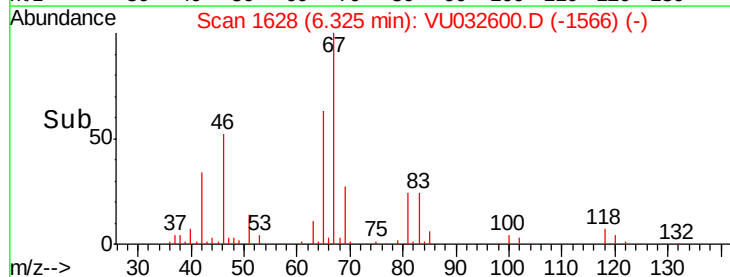
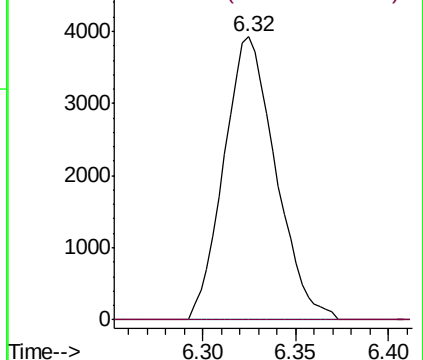


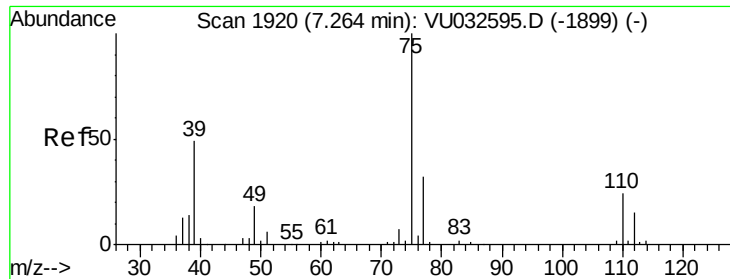
#37
1,2-Dichloropropane
Concen: 5.961 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032600.D
Acq: 11 Jun 2019 11:28

Tgt Ion: 63 Resp: 7607
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

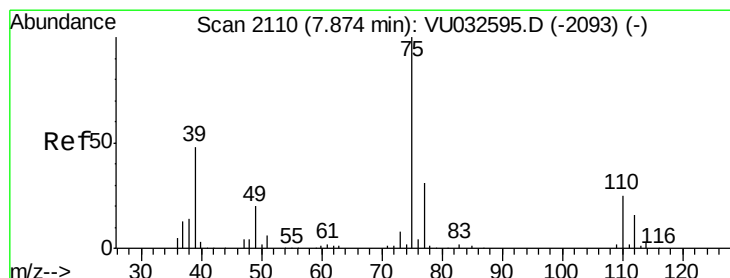
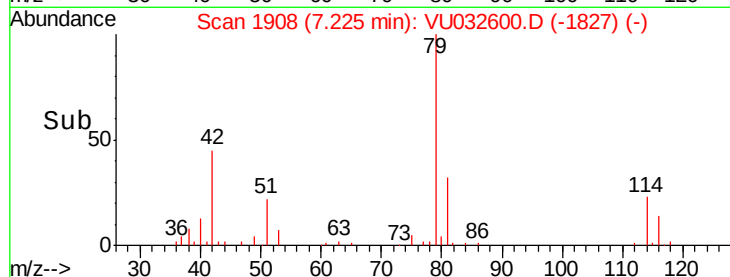
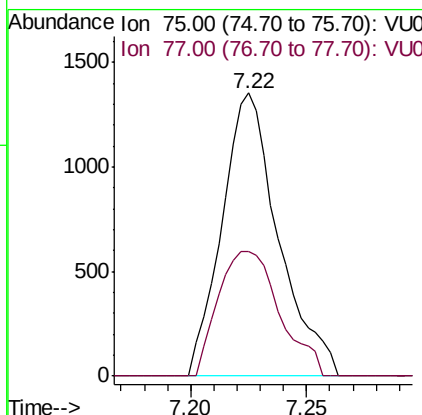
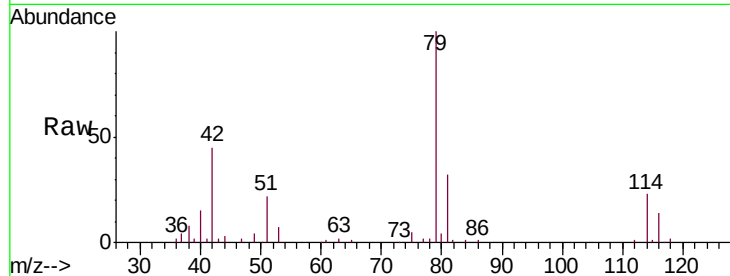




#39
 cis-1,3-Dichloropropene
 Concen: 1.136 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032600.D
 Acq: 11 Jun 2019 11:28

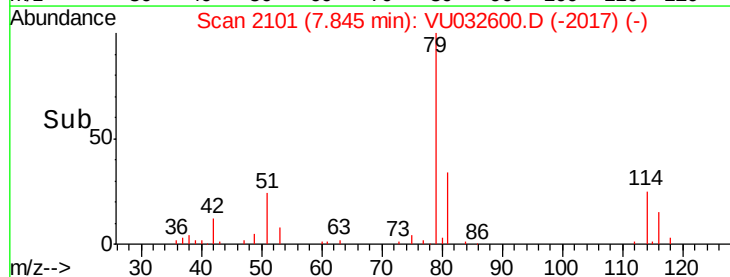
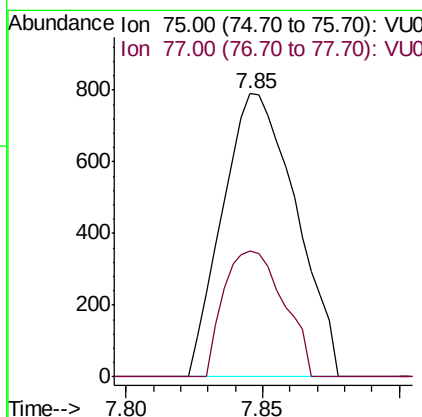
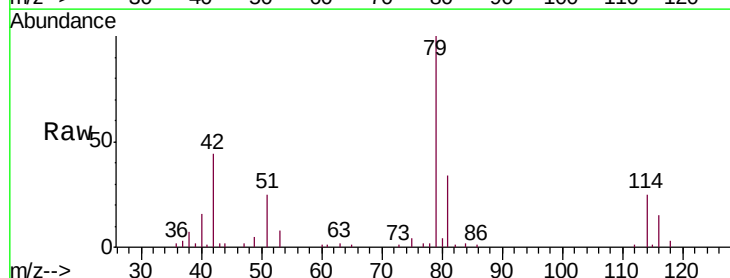
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C6DL

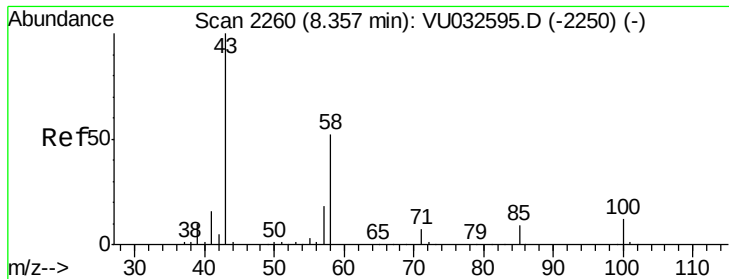
Tgt Ion: 75 Resp: 2288
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.826 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032600.D
 Acq: 11 Jun 2019 11:28

Tgt Ion: 75 Resp: 1477
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.1 41.1#

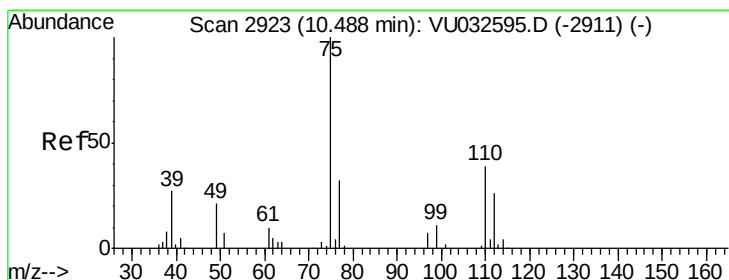
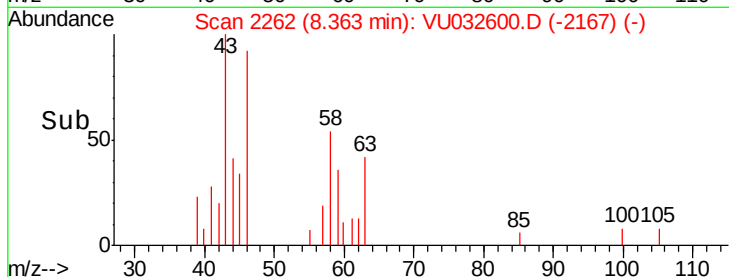
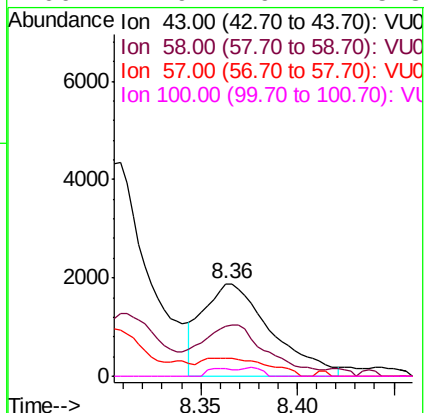
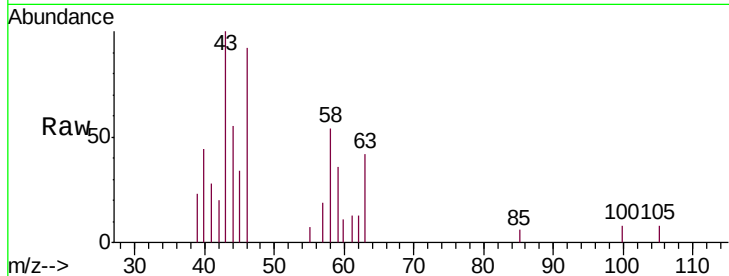




#48
 2-Hexanone
 Concen: 2.739 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU032600.D
 Acq: 11 Jun 2019 11:28

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C6DL

Tgt Ion: 43 Resp: 4618
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.0 63.0#
 57 1.9 14.6 22.0#
 100 2.9 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.068 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032600.D
 Acq: 11 Jun 2019 11:28

Tgt Ion: 75 Resp: 10067
 Ion Ratio Lower Upper
 75 100
 77 38.8 25.6 38.4#

