

Data File : VU032608.D
Acq On : 11 Jun 2019 14:31
Operator : JC/SP
Sample : K3292-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8P6

Quant Time: Jun 12 05:36:05 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	170596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162844	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81942	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45407	41.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.04%
7) Chloroethane-d5	1.68	69	39443	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.70%
11) 1,1-Dichloroethene-d2	2.27	63	71299	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.80%
21) 2-Butanone-d5	4.17	46	88767	95.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	4.64	84	96272	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	5.30	65	65172	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
32) Benzene-d6	5.33	84	193230	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
36) 1,2-Dichloropropane-d6	6.32	67	62177	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.80%
41) Toluene-d8	7.56	98	175476	43.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.56%
43) trans-1,3-Dichloropropene-	7.85	79	28771	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.70%
47) 2-Hexanone-d5	8.31	63	51793	80.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91669	47.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	76215	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%

Target Compounds

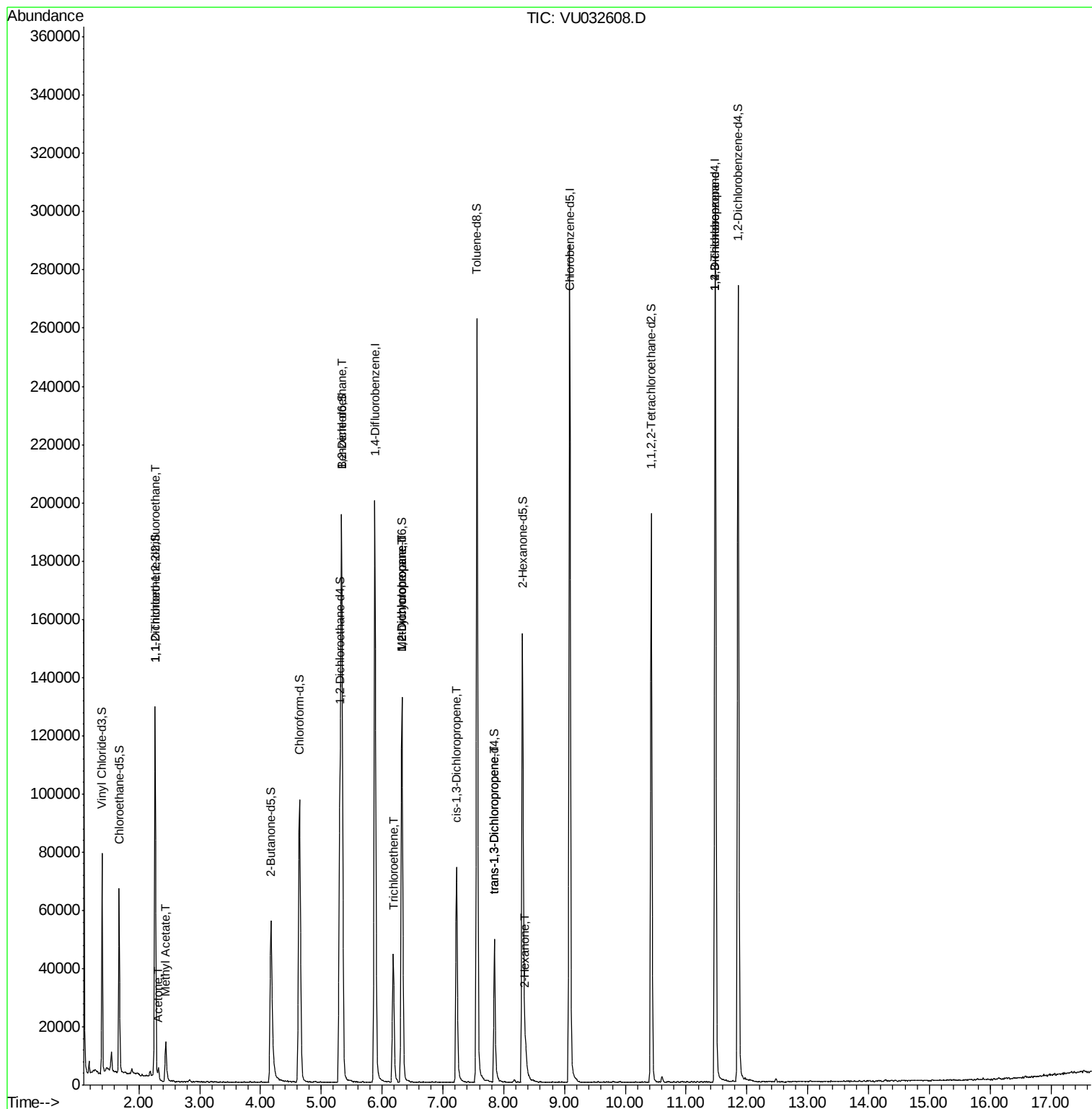
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	686	0.658	ug/L #	18
13) Acetone	2.32	43	4110	4.300	ug/L	97
15) Methyl Acetate	2.44	43	4057	2.973	ug/L #	53
27) 1,2-Dichloroethane	5.34	62	1051	0.644	ug/L #	75
34) Trichloroethene	6.18	95	14286	11.477	ug/L	98
35) Methylcyclohexane	6.32	83	14561	7.226	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7046	5.809	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	1967	1.028	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1224	0.721	ug/L #	59
48) 2-Hexanone	8.36	43	5435	3.391	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	9870	6.260	ug/L	94

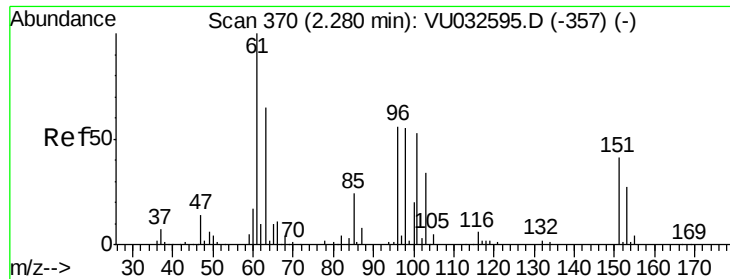
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration





#10

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

Concen: 0.658 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032608.D

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Instrument :

MSVOA_U

ClientSampleId :

DB8P6

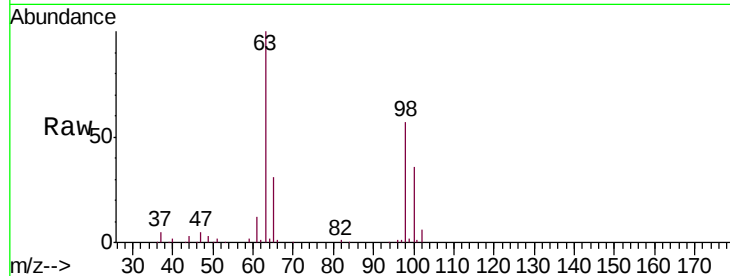
Tgt Ion:101 Resp: 686

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

2.27

400

300

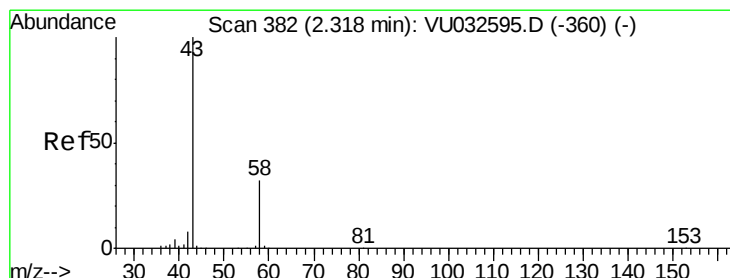
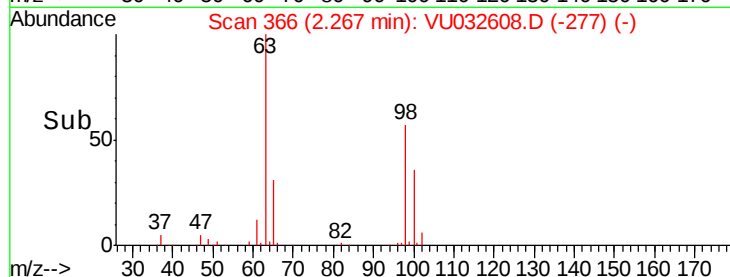
200

100

0

2.24 2.26 2.28 2.30

Time-->



#13

Acetone

Concen: 4.300 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032608.D

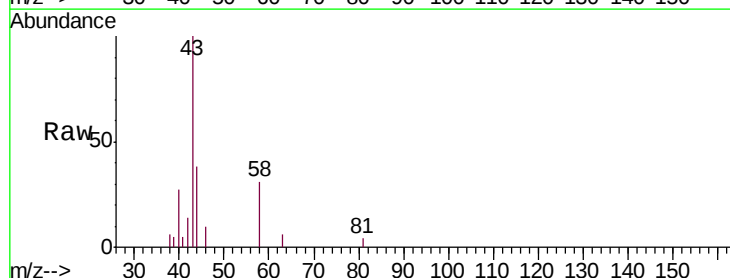
Acq: 11 Jun 2019 14:31

Tgt Ion: 43 Resp: 4110

Ion Ratio Lower Upper

43 100

58 30.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

2500

2000

1500

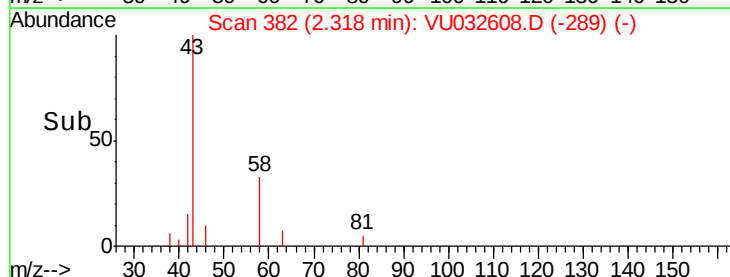
1000

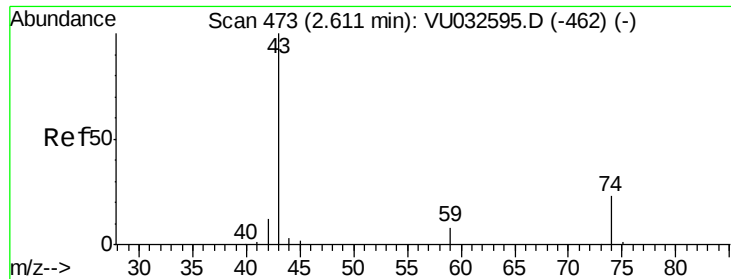
500

0

2.30 2.35

Time-->

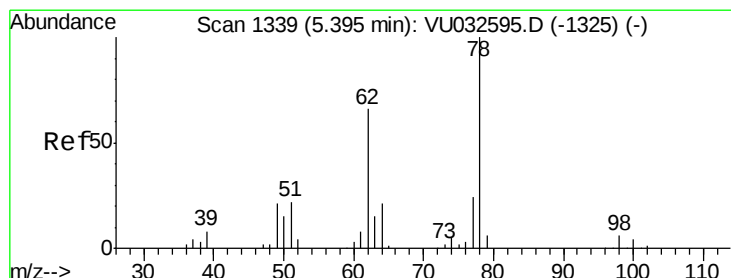
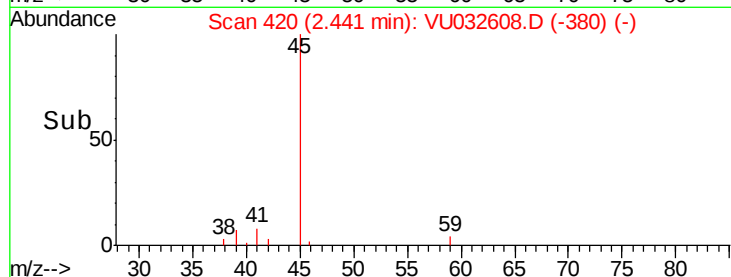
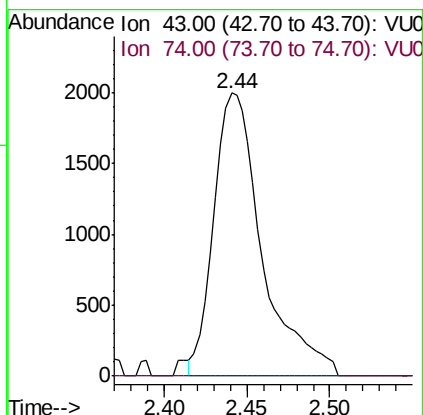
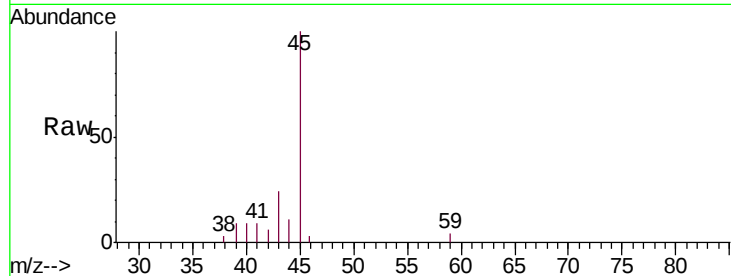




#15
Methyl Acetate
Concen: 2.973 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.17 min
Lab File: VU032608.D
Acq: 11 Jun 2019 14:31

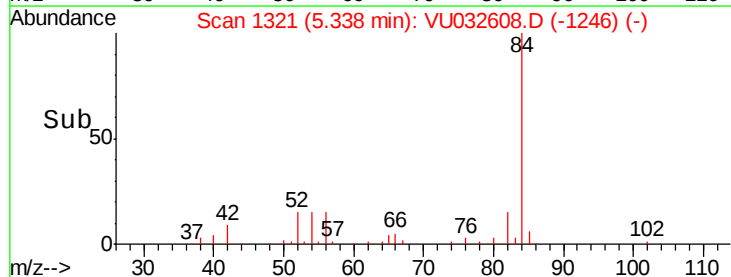
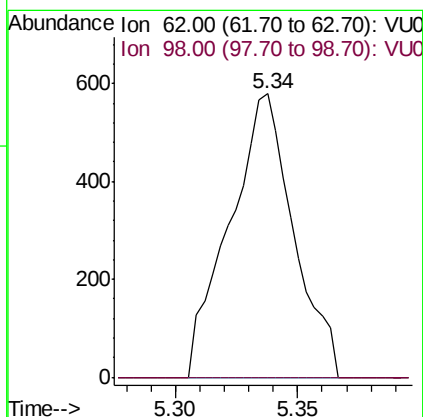
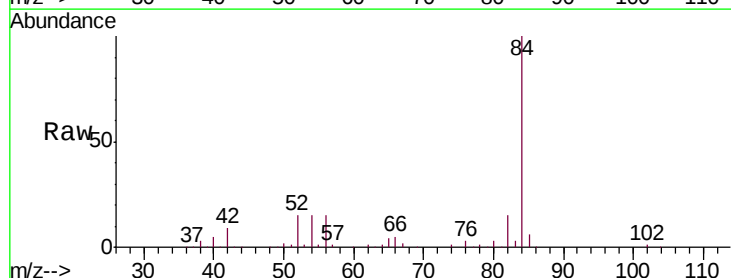
Instrument :
MSVOA_U
ClientSampleId :
DB8P6

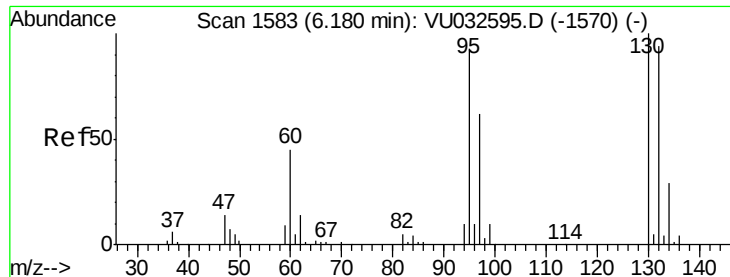
Tgt Ion: 43 Resp: 4057
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#27
1,2-Dichloroethane
Concen: 0.644 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032608.D
Acq: 11 Jun 2019 14:31

Tgt Ion: 62 Resp: 1051
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#34

Trichloroethene

Concen: 11.477 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032608.D

Acq: 11 Jun 2019 14:31

Instrument :

MSVOA_U

ClientSampleID :

DB8P6

Tgt Ion: 95 Resp: 14286

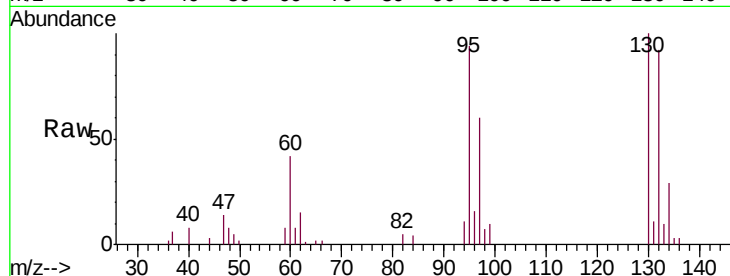
Ion Ratio Lower Upper

95 100

97 64.4 45.8 85.2

132 97.9 71.0 131.8

130 106.5 73.4 136.2

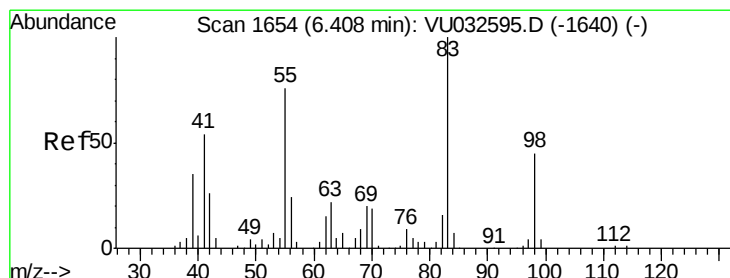
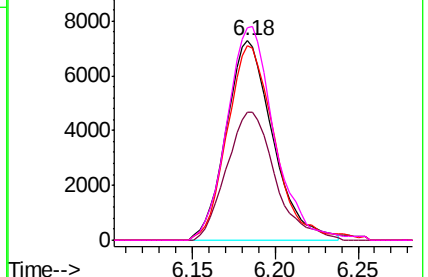
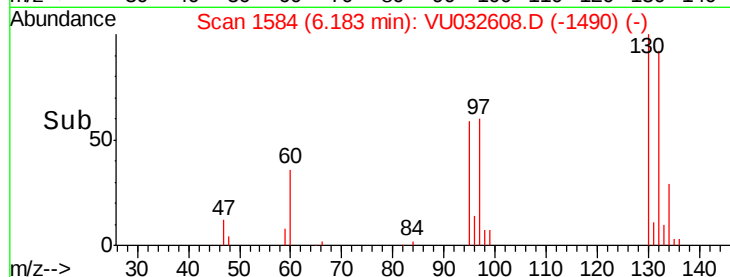


Abundance Ion 95.00 (94.70 to 95.70): VU032608.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU032608.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU032608.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU032608.D (-1570) (-)



#35

Methylcyclohexane

Concen: 7.226 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032608.D

Acq: 11 Jun 2019 14:31

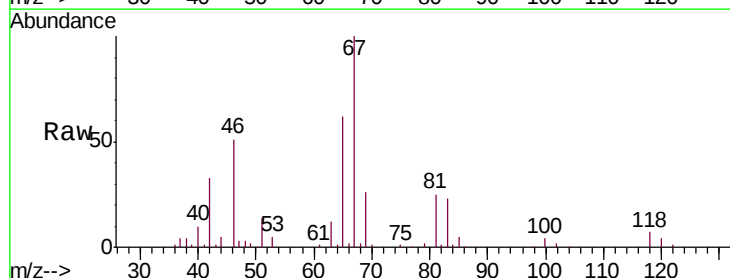
Tgt Ion: 83 Resp: 14561

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

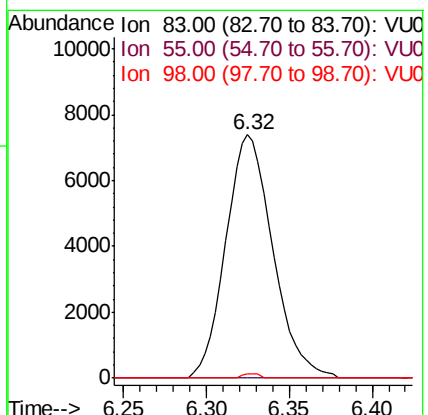
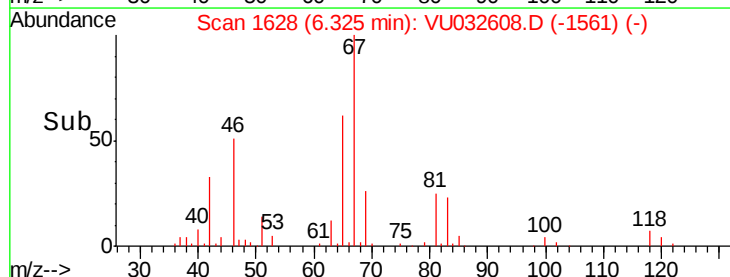
98 0.7 37.4 56.2#

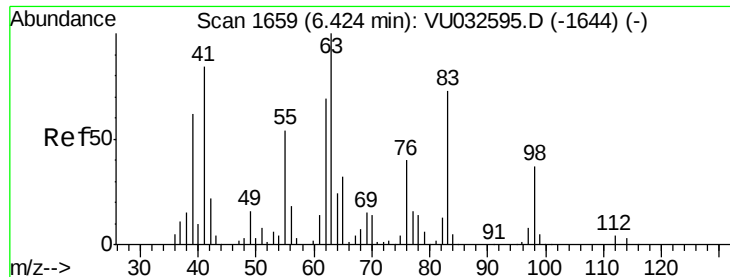


Abundance Ion 83.00 (82.70 to 83.70): VU032608.D (-1561) (-)

Ion 55.00 (54.70 to 55.70): VU032608.D (-1561) (-)

Ion 98.00 (97.70 to 98.70): VU032608.D (-1561) (-)

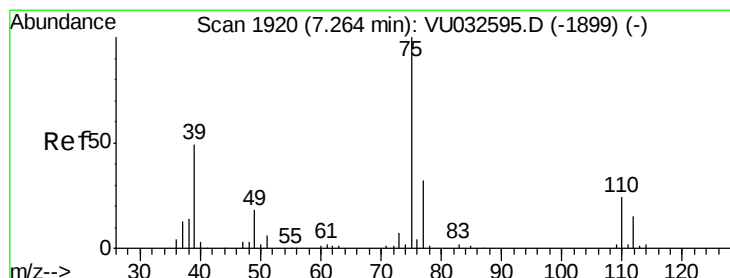
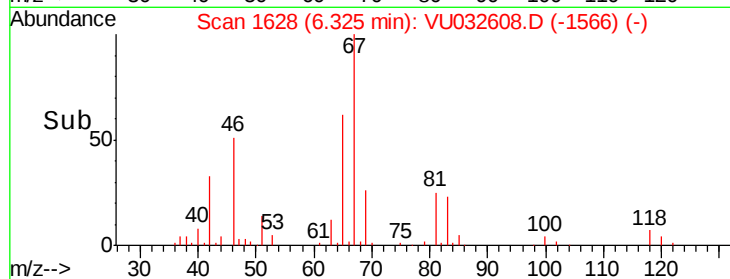
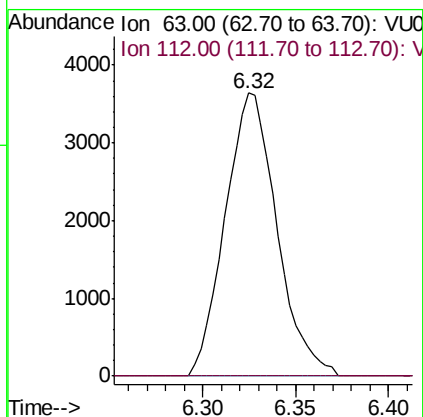
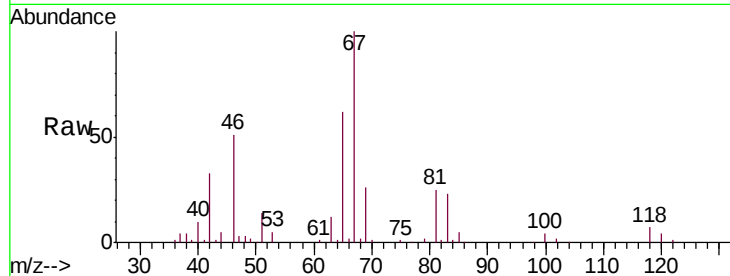




#37
 1,2-Dichloropropane
 Concen: 5.809 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032608.D
 Acq: 11 Jun 2019 14:31

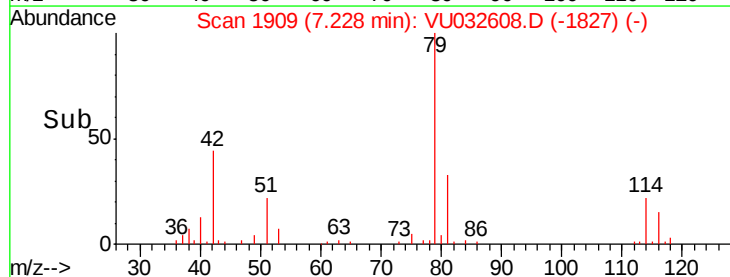
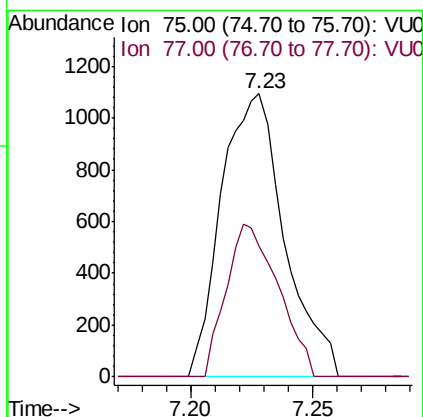
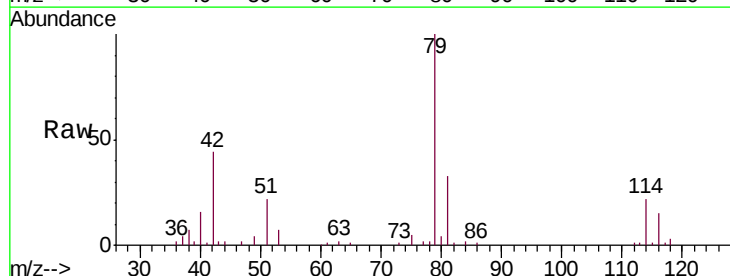
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8P6

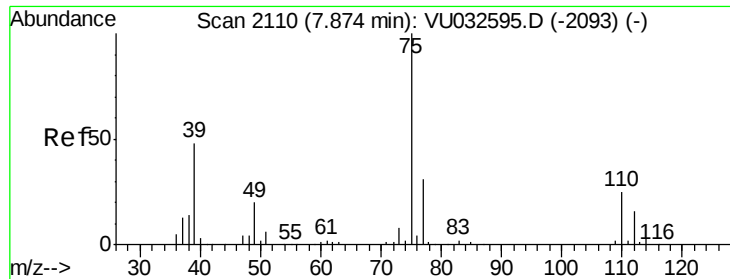
Tgt Ion: 63 Resp: 7046
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.028 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032608.D
 Acq: 11 Jun 2019 14:31

Tgt Ion: 75 Resp: 1967
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.0 41.0#

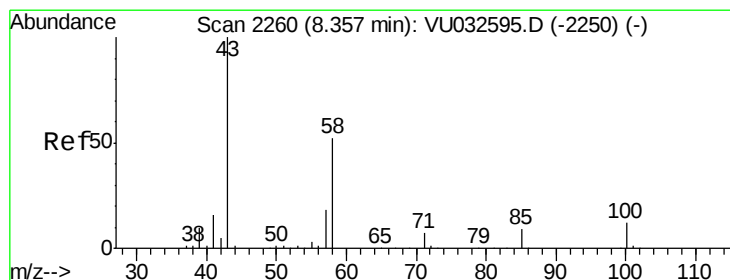
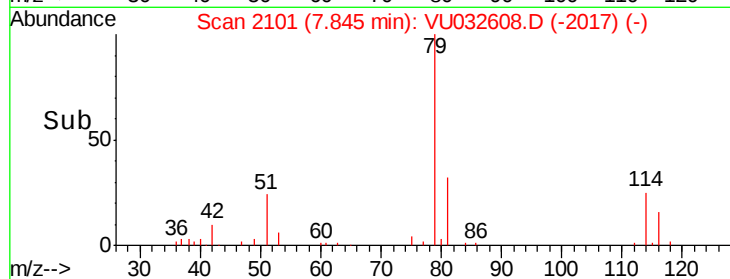
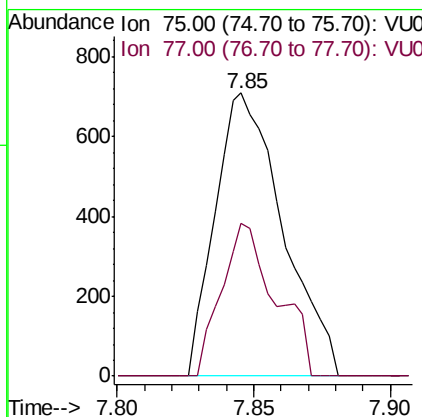
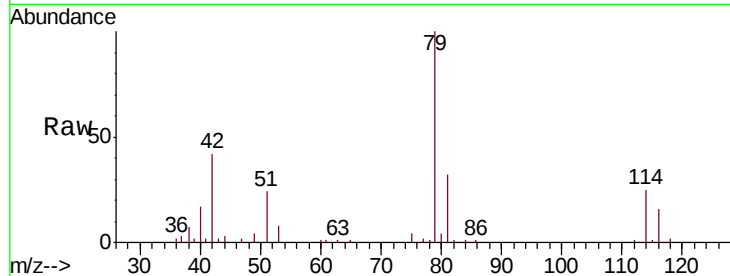




#44
trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032608.D
Acq: 11 Jun 2019 14:31

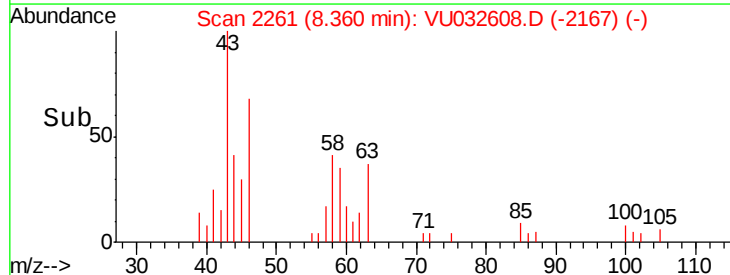
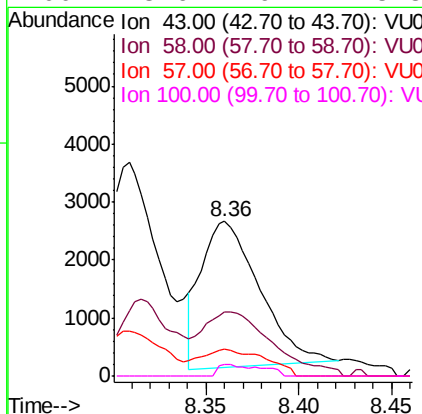
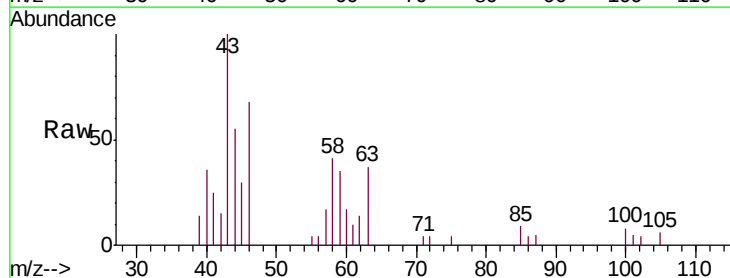
Instrument :
MSVOA_U
ClientSampled :
DB8P6

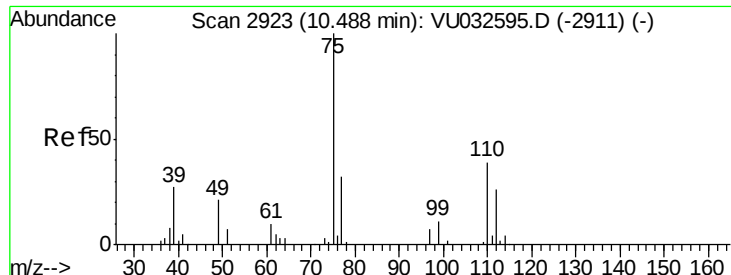
Tgt Ion: 75 Resp: 1224
Ion Ratio Lower Upper
75 100
77 54.2 22.1 41.1#



#48
2-Hexanone
Concen: 3.391 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032608.D
Acq: 11 Jun 2019 14:31

Tgt Ion: 43 Resp: 5435
Ion Ratio Lower Upper
43 100
58 53.8 42.0 63.0
57 5.0 14.6 22.0#
100 3.6 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.260 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032608.D
 Acq: 11 Jun 2019 14:31

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8P6

Tgt Ion: 75 Resp: 9870
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.6 38.4

