

Data File : VU032605.D
Acq On : 11 Jun 2019 13:22
Operator : JC/SP
Sample : K3277-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B9

Quant Time: Jun 12 05:35:40 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	170305	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85528	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49557	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.68	69	42351	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.27	63	78755	36.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.80%
21) 2-Butanone-d5	4.17	46	104424	112.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.93%
24) Chloroform-d	4.64	84	102430	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
26) 1,2-Dichloroethane-d4	5.30	65	68208	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
32) Benzene-d6	5.33	84	205593	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
36) 1,2-Dichloropropane-d6	6.32	67	65935	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.56	98	191281	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.85	79	30711	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.78%
47) 2-Hexanone-d5	8.31	63	59370	93.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100808	53.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	83492	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%

Target Compounds

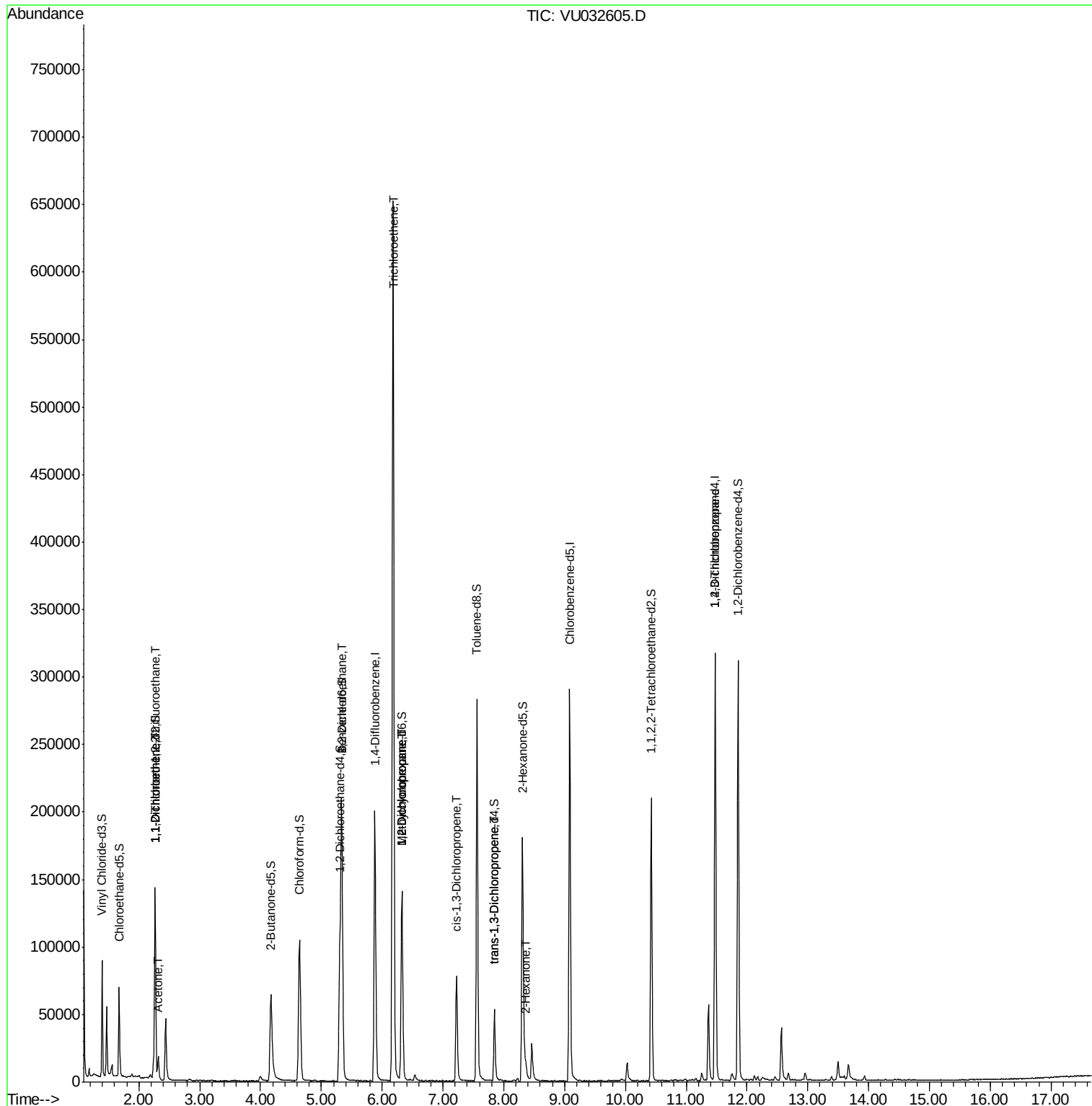
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	600	0.577	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	596	0.590	ug/L #	1
13) Acetone	2.32	43	17810	18.667	ug/L	97
27) 1,2-Dichloroethane	5.34	62	1224	0.752	ug/L #	75
34) Trichloroethene	6.18	95	213511	173.224	ug/L	97
35) Methylcyclohexane	6.32	83	15310	7.673	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7515	6.257	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2145	1.132	ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	1321	0.785	ug/L	92
48) 2-Hexanone	8.36	43	5754	3.626	ug/L #	97
59) 1,2,3-Trichloropropane	11.48	75	9686	6.204	ug/L #	84

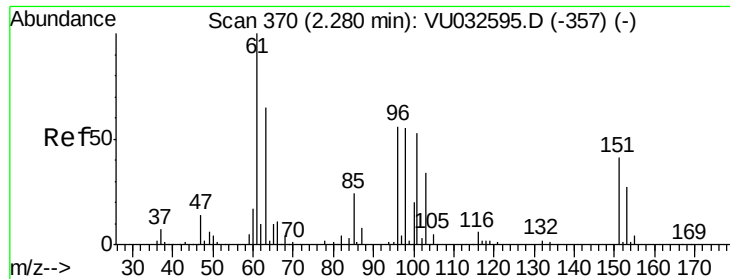
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration





#10

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

Concen: 0.577 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032605.D

Acq: 11 Jun 2019 13:22

Instrument :

MSVOA_U

ClientSampled :

DB8B9

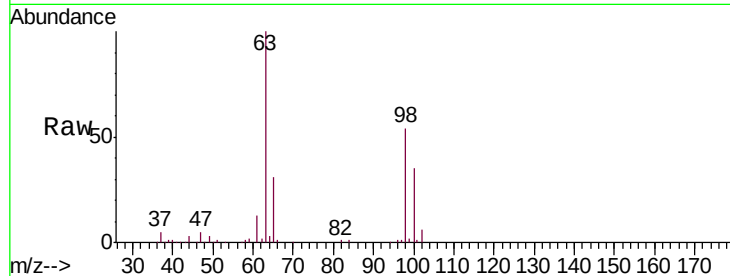
Tgt Ion: 101 Resp: 600

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

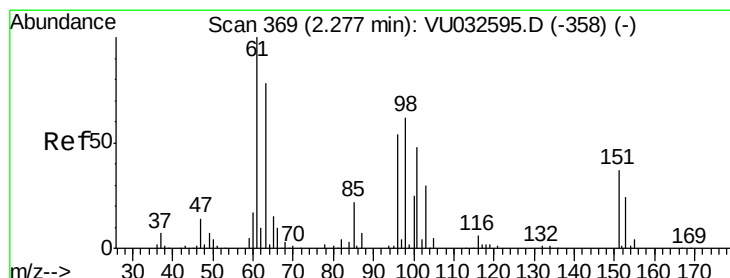
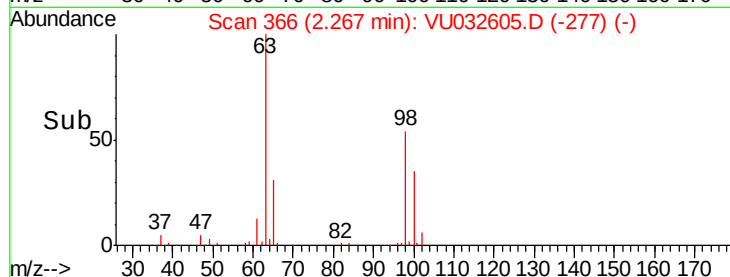
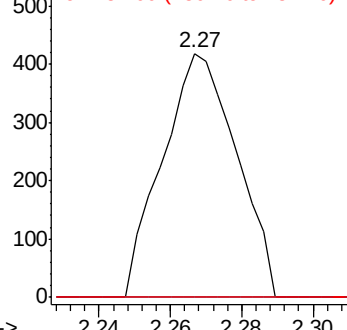
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032605.D

Acq: 11 Jun 2019 13:22

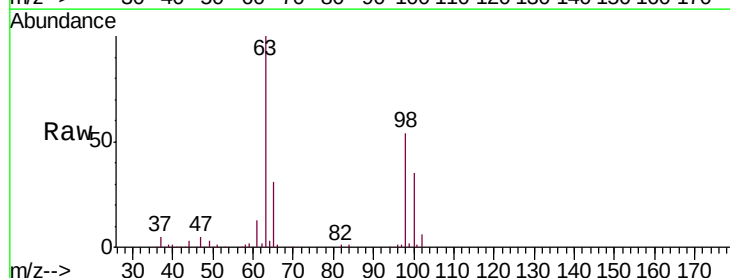
Tgt Ion: 96 Resp: 596

Ion Ratio Lower Upper

96 100

61 1549.7 129.5 240.5#

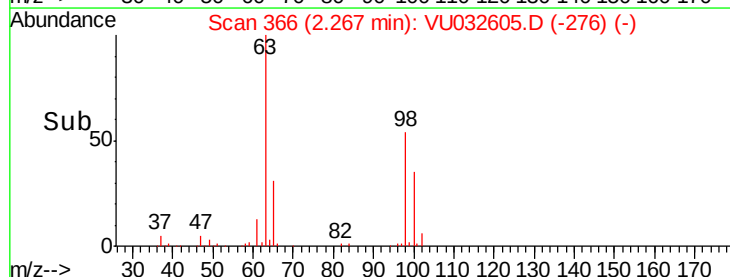
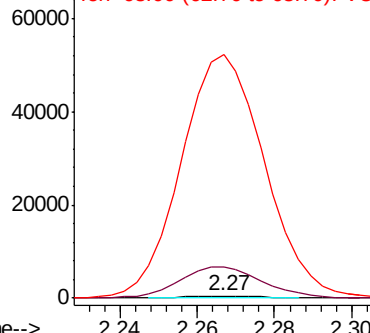
63 12066.5 103.4 192.0#

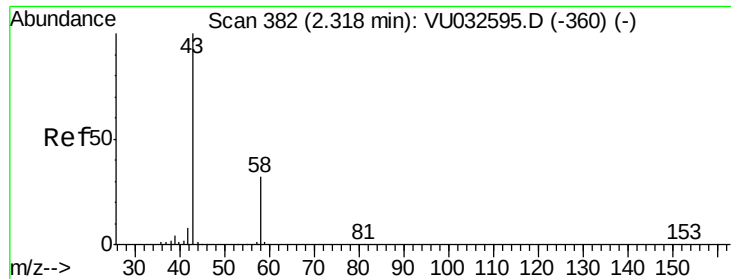


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 18.667 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032605.D

Acq: 11 Jun 2019 13:22

Instrument :

MSVOA_U

ClientSampled :

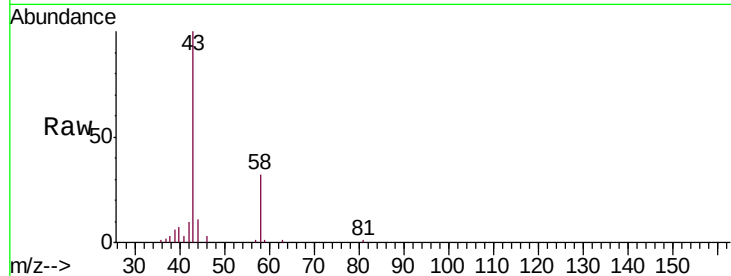
DB8B9

Tgt Ion: 43 Resp: 17810

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.0

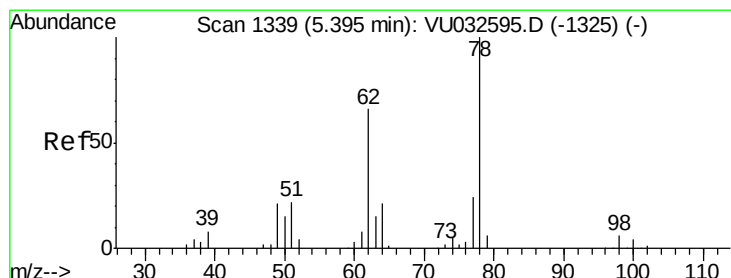
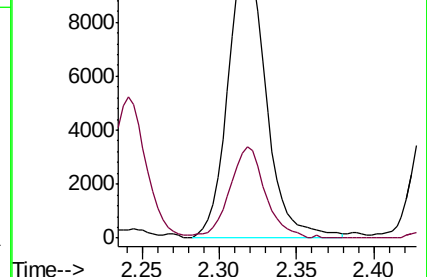
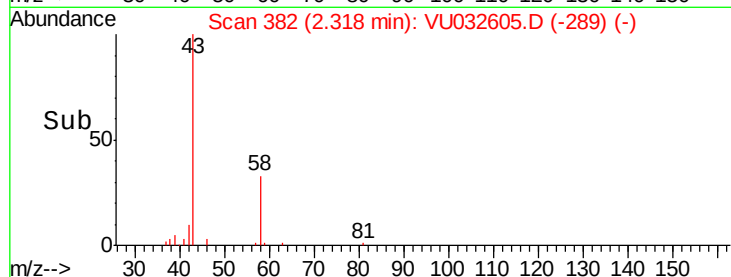


Abundance Ion 43.00 (42.70 to 43.70): VU032595.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032595.D (-360) (-)

2.32

Time-->



#27

1,2-Dichloroethane

Concen: 0.752 ug/L

RT: 5.34 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VU032605.D

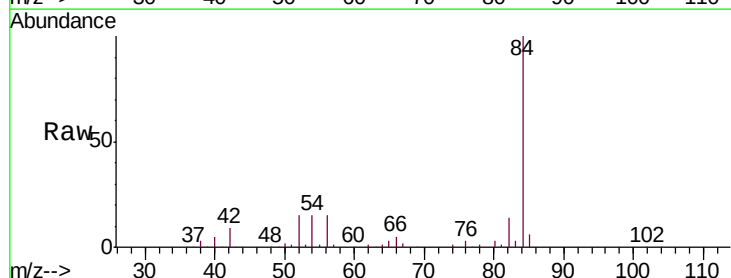
Acq: 11 Jun 2019 13:22

Tgt Ion: 62 Resp: 1224

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

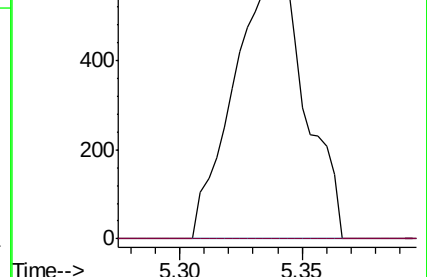
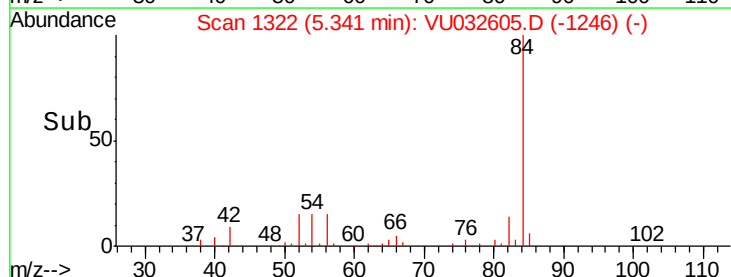


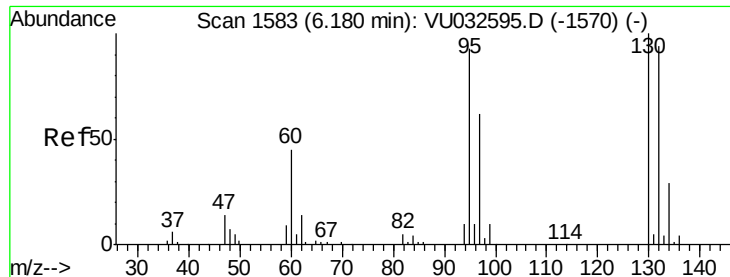
Abundance Ion 62.00 (61.70 to 62.70): VU032595.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032595.D (-1325) (-)

5.34

Time-->





#34

Trichloroethene

Concen: 173.224 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032605.D

Acq: 11 Jun 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

DB8B9

Tgt Ion: 95 Resp: 213511

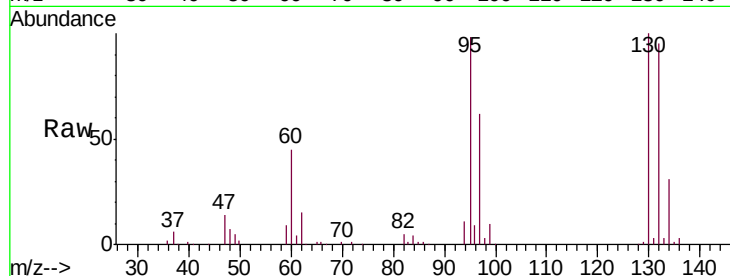
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 97.5 71.0 131.8

130 102.5 73.4 136.2

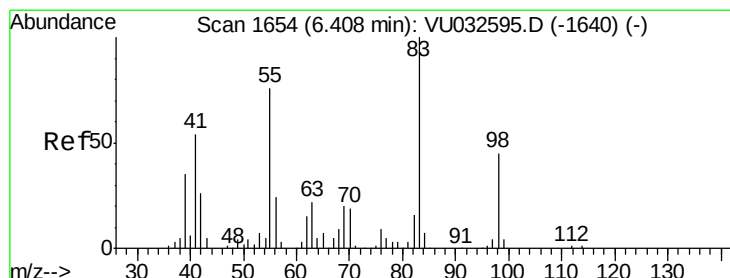
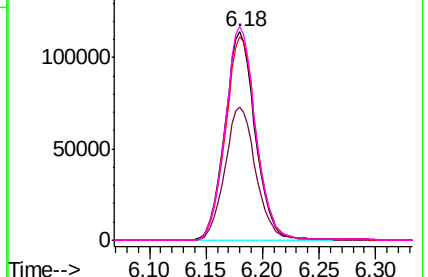
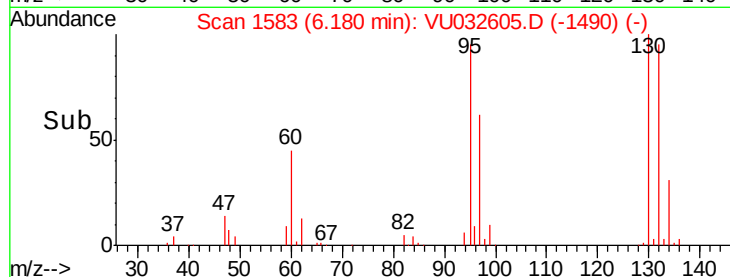


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 7.673 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032605.D

Acq: 11 Jun 2019 13:22

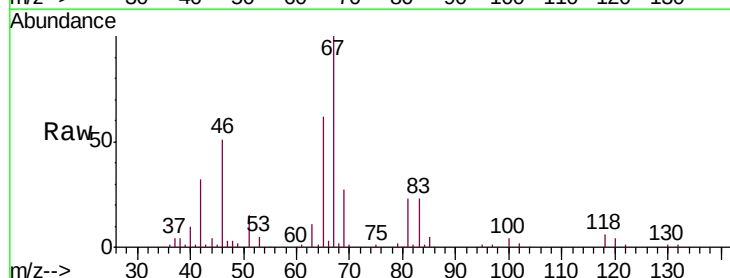
Tgt Ion: 83 Resp: 15310

Ion Ratio Lower Upper

83 100

55 0.3 60.2 90.4#

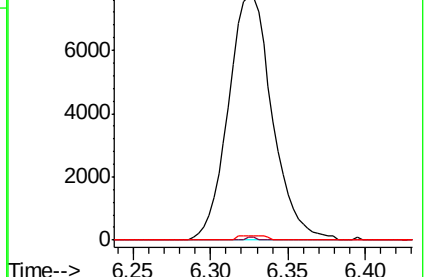
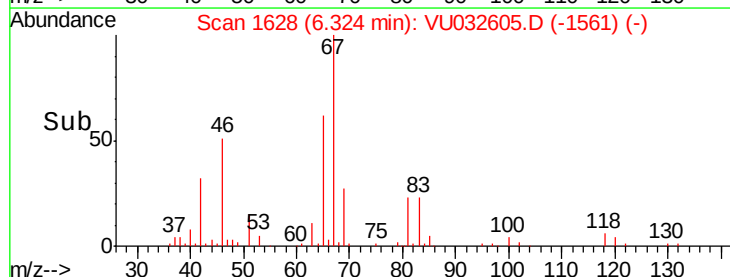
98 0.7 37.4 56.2#

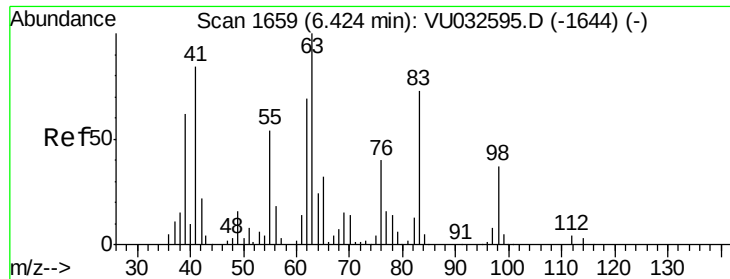


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

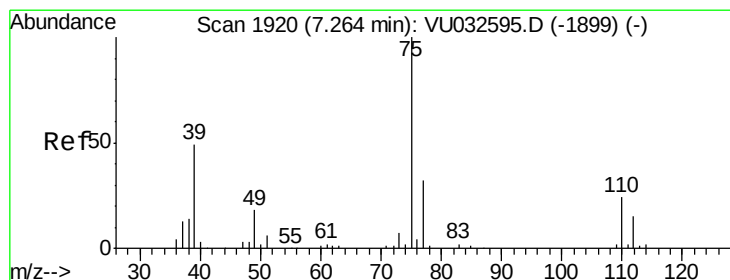
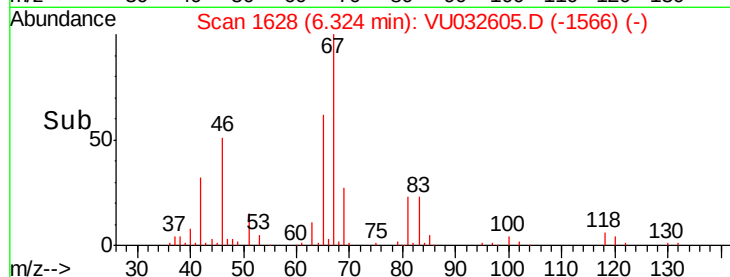
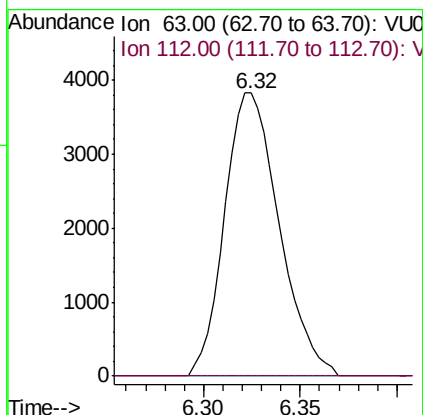
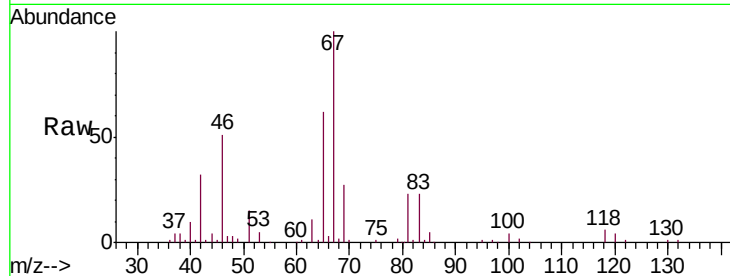




#37
 1,2-Dichloropropane
 Concen: 6.257 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032605.D
 Acq: 11 Jun 2019 13:22

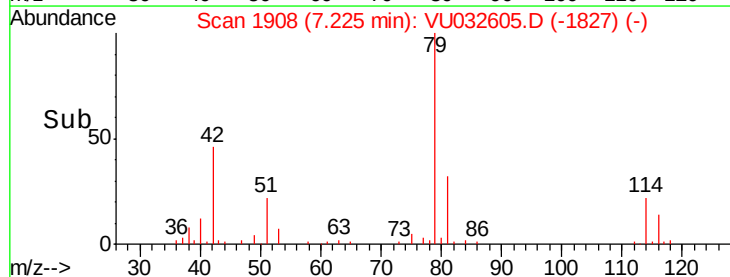
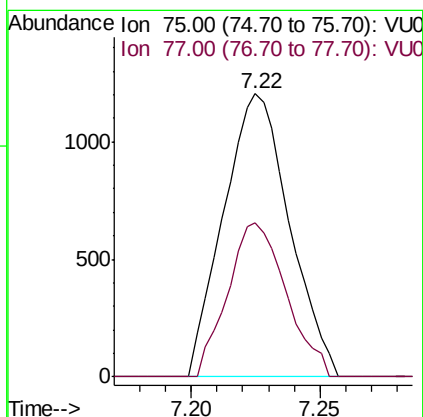
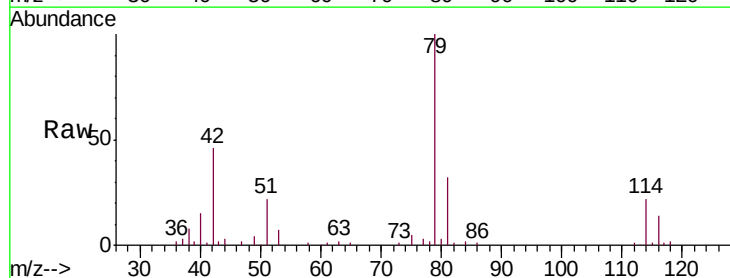
Instrument :
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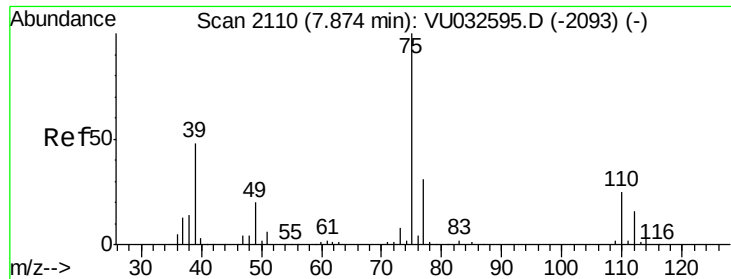
Tgt Ion: 63 Resp: 7515
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.132 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032605.D
 Acq: 11 Jun 2019 13:22

Tgt Ion: 75 Resp: 2145
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.0 41.0#

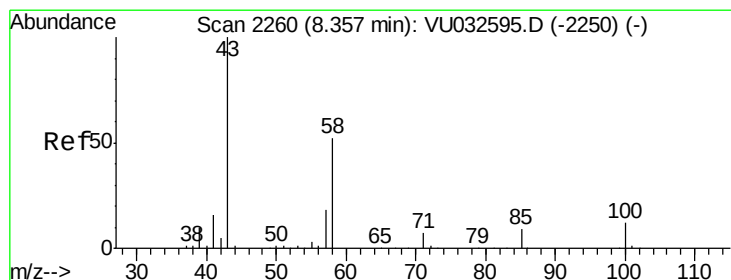
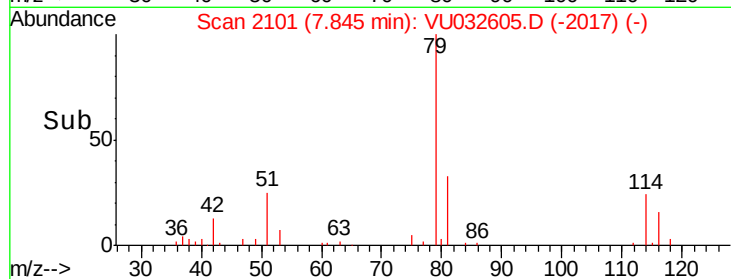
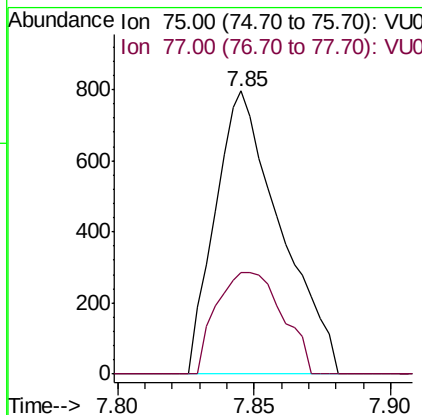
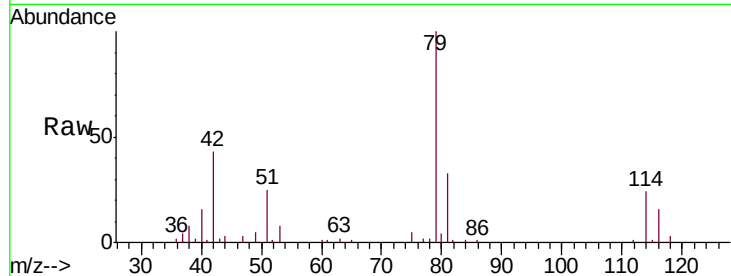




#44
 trans-1,3-Dichloropropene
 Concen: 0.785 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032605.D
 Acq: 11 Jun 2019 13:22

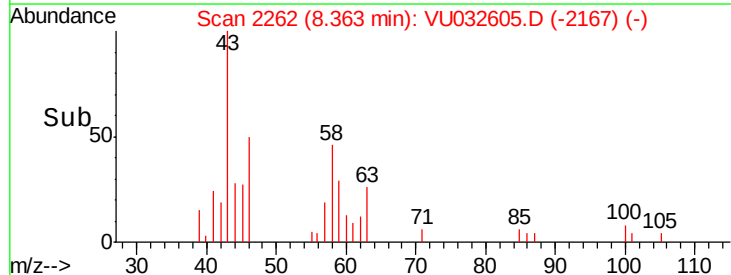
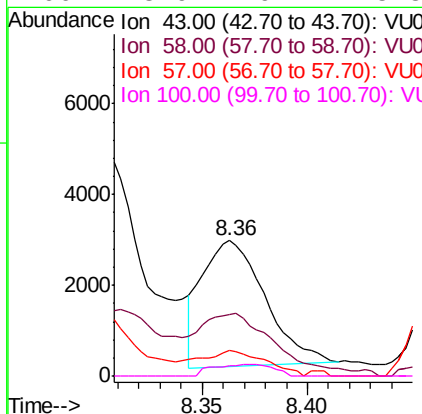
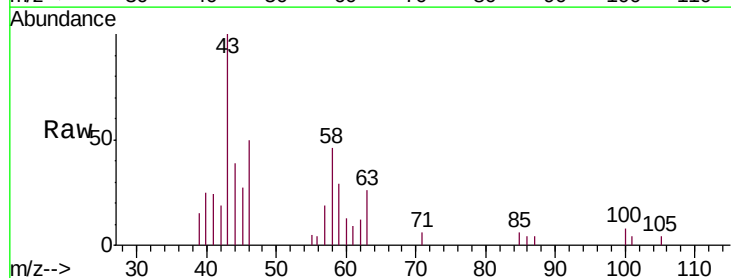
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B9

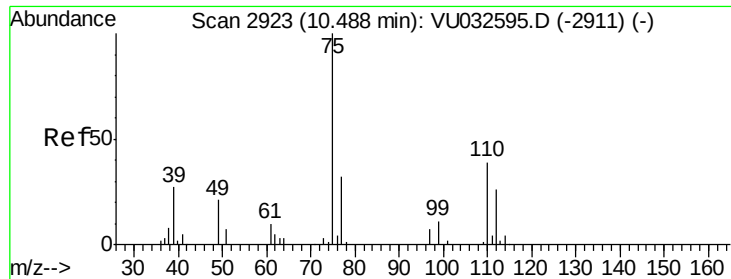
Tgt Ion: 75 Resp: 1321
 Ion Ratio Lower Upper
 75 100
 77 35.8 22.1 41.1



#48
 2-Hexanone
 Concen: 3.626 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU032605.D
 Acq: 11 Jun 2019 13:22

Tgt Ion: 43 Resp: 5754
 Ion Ratio Lower Upper
 43 100
 58 52.2 42.0 63.0
 57 15.5 14.6 22.0
 100 8.9 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.204 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032605.D
 Acq: 11 Jun 2019 13:22

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B9

Tgt Ion: 75 Resp: 9686
 Ion Ratio Lower Upper
 75 100
 77 40.8 25.6 38.4#

