

Data File : VU032580.D
Acq On : 10 Jun 2019 21:11
Operator : JC/SP
Sample : K3277-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8C1

Quant Time: Jun 11 05:43:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189294	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	177104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89778	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59107	48.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.26%
7) Chloroethane-d5	1.68	69	48705	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.70%
11) 1,1-Dichloroethene-d2	2.27	63	87608	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.86%
21) 2-Butanone-d5	4.17	46	118700	115.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.49%
24) Chloroform-d	4.64	84	111336	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
26) 1,2-Dichloroethane-d4	5.30	65	75055	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.33	84	230365	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.32	67	74449	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.28%
41) Toluene-d8	7.56	98	212036	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%
43) trans-1,3-Dichloropropene-	7.85	79	33285	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.48%
47) 2-Hexanone-d5	8.31	63	73299	104.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99430	47.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	86904	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

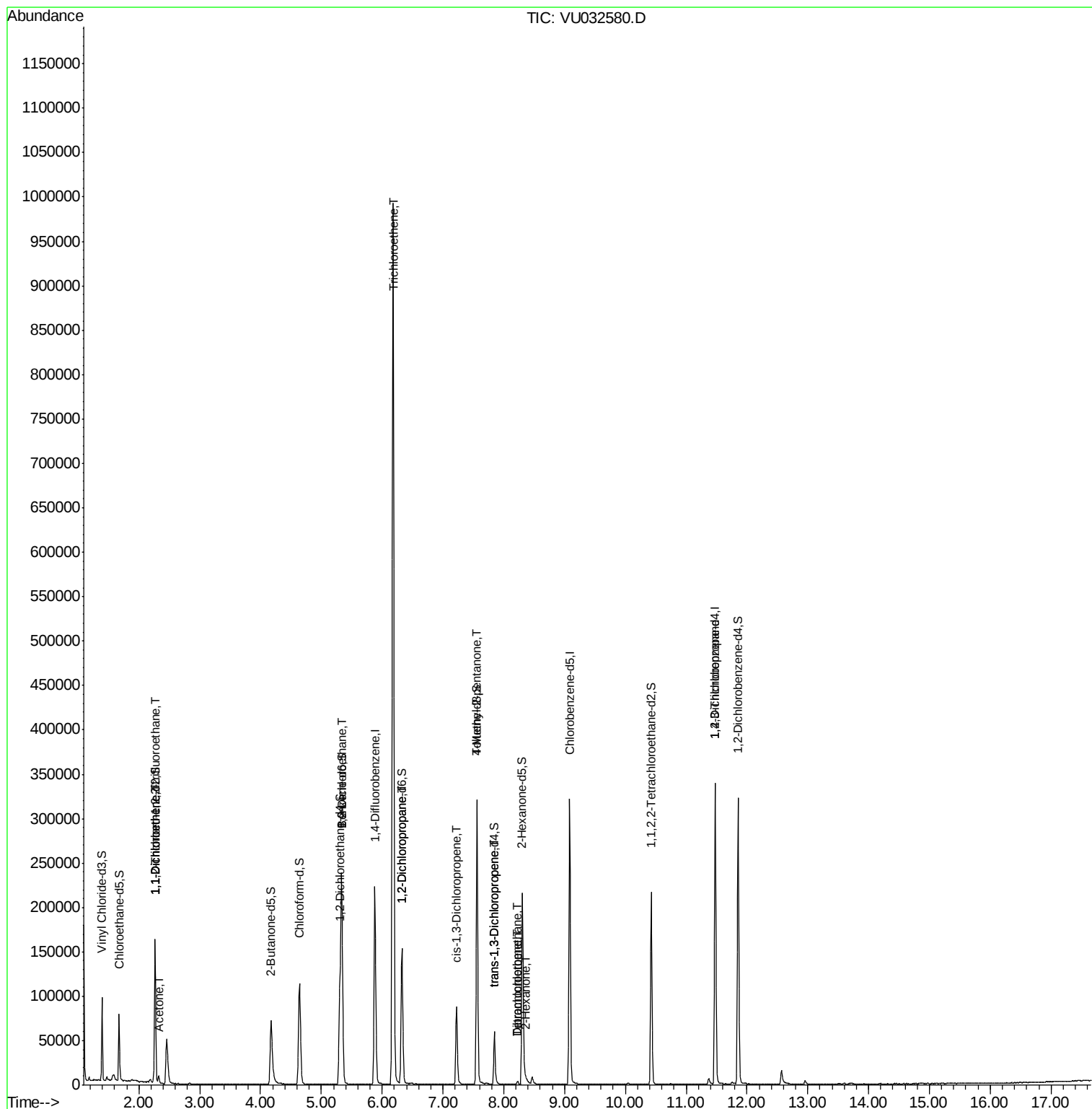
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	795	0.687	ug/L #	18
12) 1,1-Dichloroethene	2.26	96	688	0.613	ug/L #	1
13) Acetone	2.32	43	9231	8.705	ug/L	96
27) 1,2-Dichloroethane	5.34	62	1367	0.755	ug/L #	75
34) Trichloroethene	6.18	95	328750	242.835	ug/L	98
37) 1,2-Dichloropropane	6.32	63	7998	6.063	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2496	1.199	ug/L #	78
40) 4-Methyl-2-pentanone	7.56	43	1152	0.543	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1540	0.834	ug/L #	77
46) Tetrachloroethene	8.22	164	862	0.771	ug/L	97
48) 2-Hexanone	8.36	43	3392	1.946	ug/L #	78
49) Dibromochloromethane	8.23	129	791	0.546	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10529	6.140	ug/L #	84

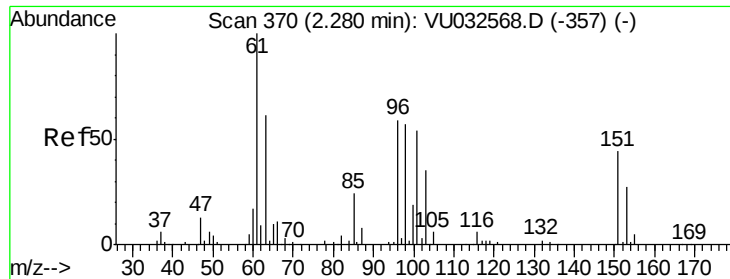
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.687 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032580.D

Acq: 10 Jun 2019 21:11

Instrument :

MSVOA_U

ClientSampleId :

DB8C1

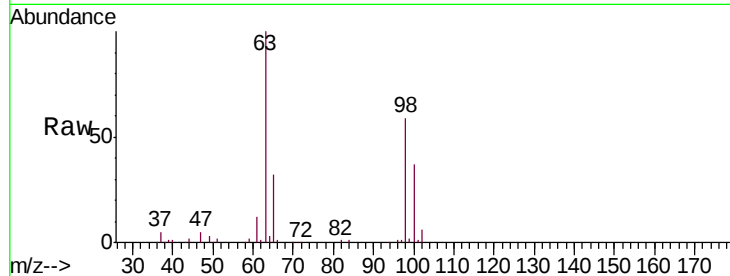
Tgt Ion: 101 Resp: 795

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

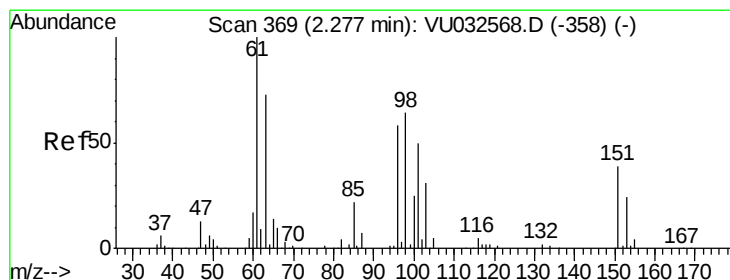
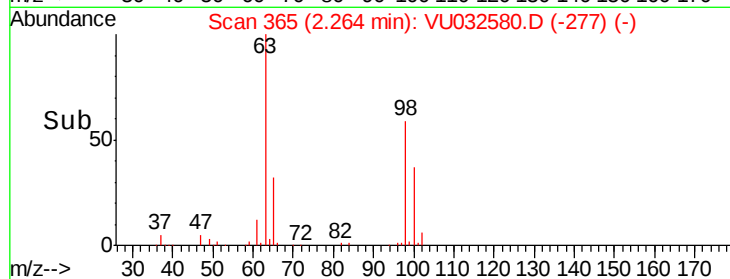
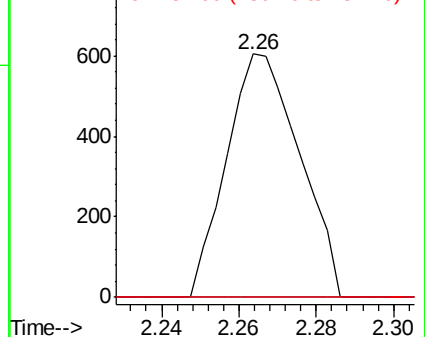
151 0.0 63.0 94.4#



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: 0.613 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032580.D

Acq: 10 Jun 2019 21:11

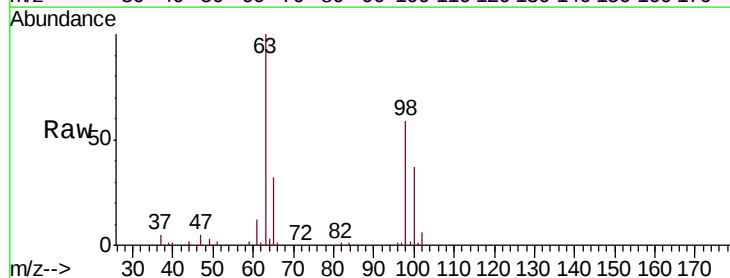
Tgt Ion: 96 Resp: 688

Ion Ratio Lower Upper

96 100

61 1407.4 129.5 240.5#

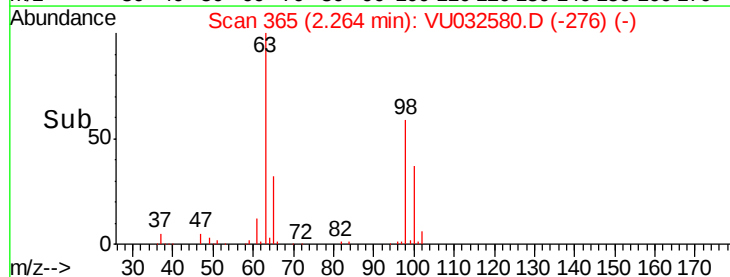
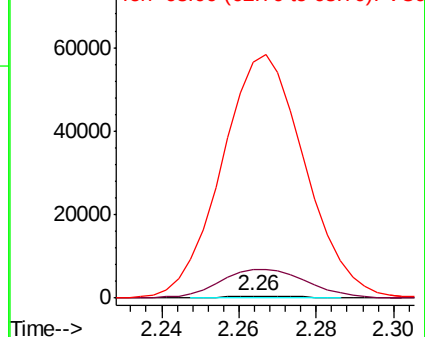
63 11647.0 103.4 192.0#

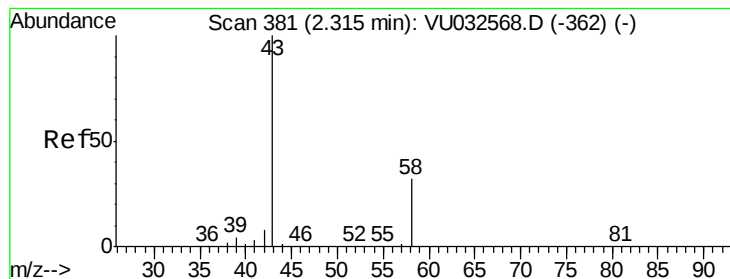


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 8.705 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032580.D

Acq: 10 Jun 2019 21:11

Instrument :

MSVOA_U

ClientSampleId :

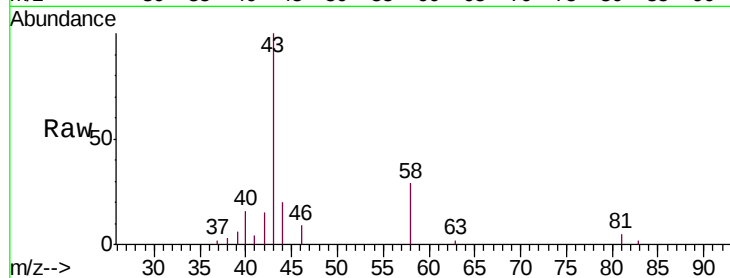
DB8C1

Tgt Ion: 43 Resp: 9231

Ion Ratio Lower Upper

43 100

58 29.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032580.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032580.D (-288) (-)

Time-->

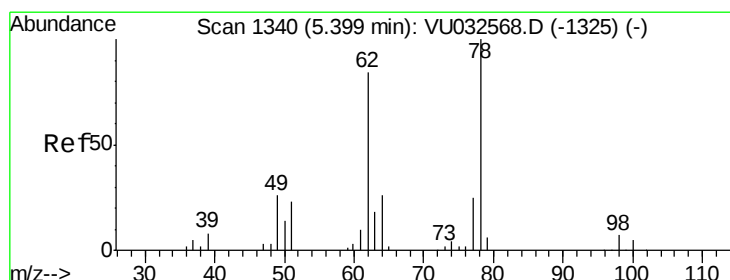
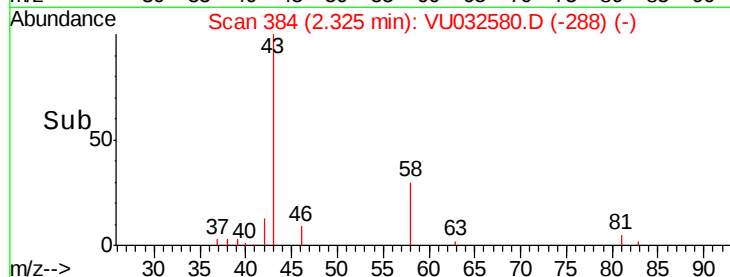
2.32

4000

2000

0

2.25 2.30 2.35 2.40



#27

1,2-Dichloroethane

Concen: 0.755 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032580.D

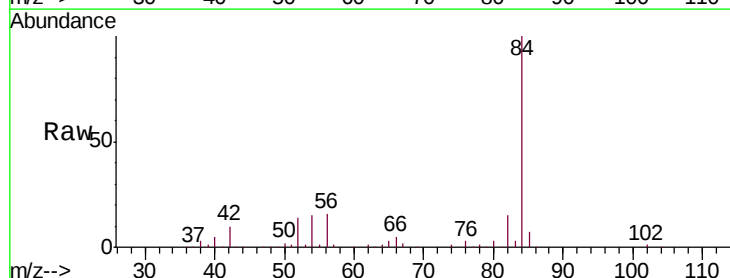
Acq: 10 Jun 2019 21:11

Tgt Ion: 62 Resp: 1367

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032580.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VU032580.D (-1247) (-)

Time-->

5.34

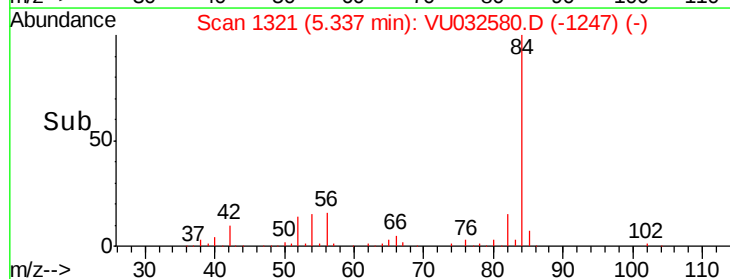
600

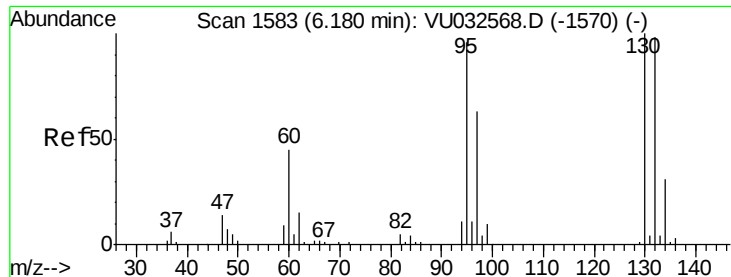
400

200

0

5.30 5.35

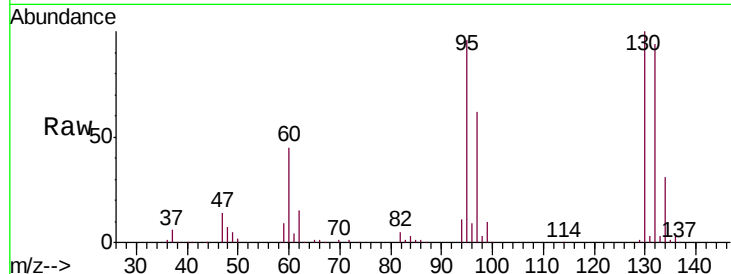




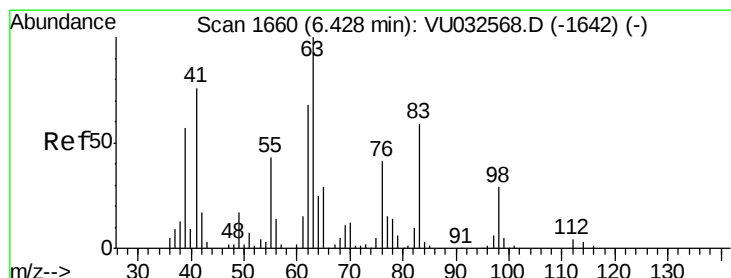
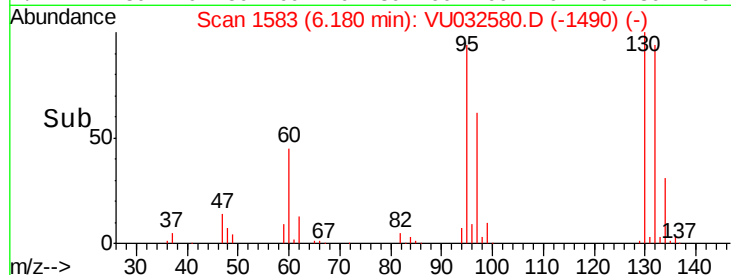
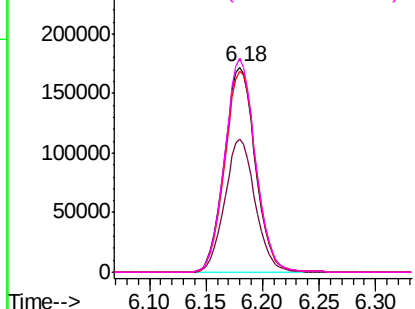
#34
 Trichloroethene
 Concen: 242.835 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU032580.D
 Acq: 10 Jun 2019 21:11

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C1

Tgt Ion: 95 Resp: 328750
 Ion Ratio Lower Upper
 95 100
 97 64.9 45.8 85.2
 132 98.0 71.0 131.8
 130 104.1 73.4 136.2

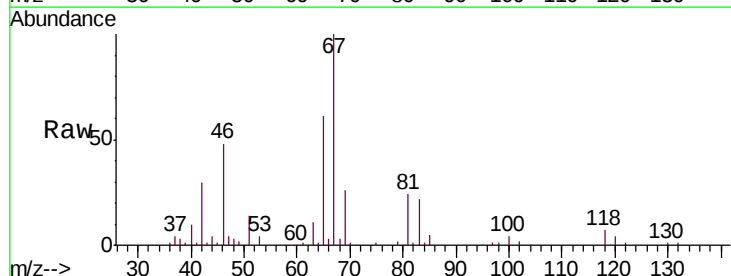


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

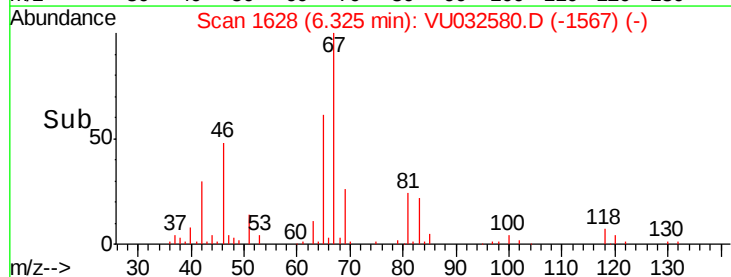
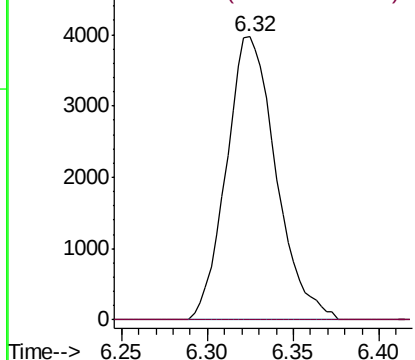


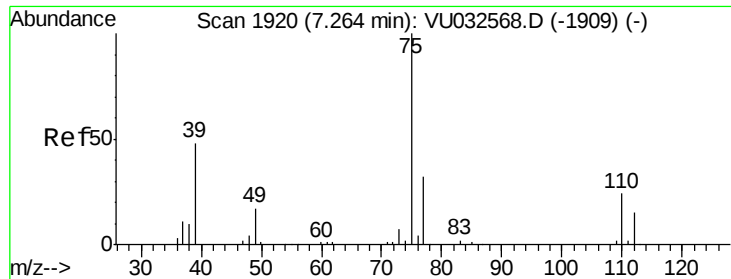
#37
 1,2-Dichloropropane
 Concen: 6.063 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032580.D
 Acq: 10 Jun 2019 21:11

Tgt Ion: 63 Resp: 7998
 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

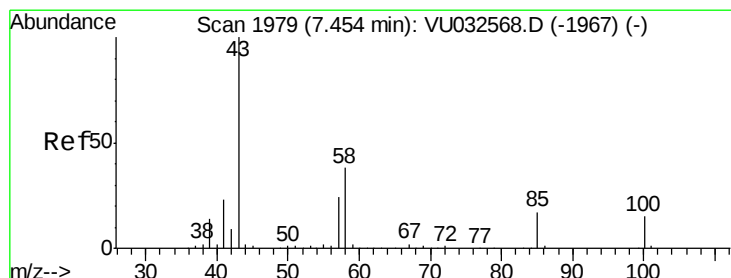
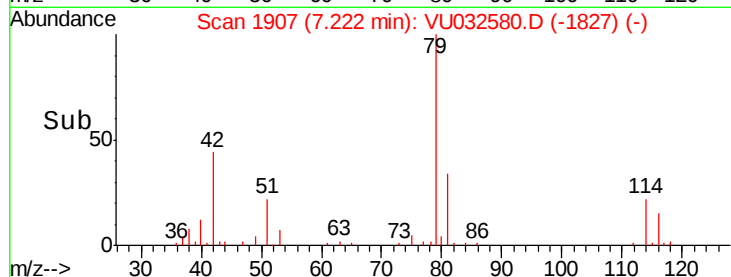
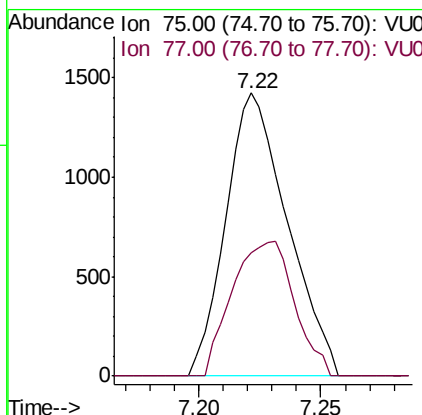
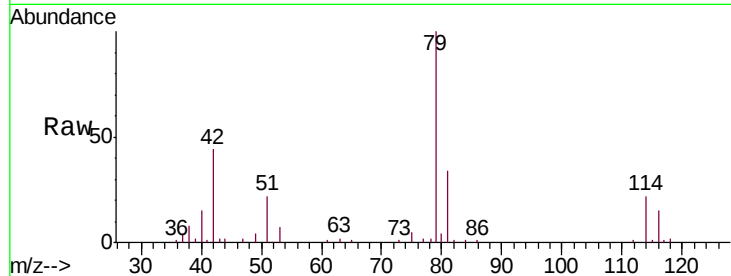




#39
 cis-1,3-Dichloropropene
 Concen: 1.199 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032580.D
 Acq: 10 Jun 2019 21:11

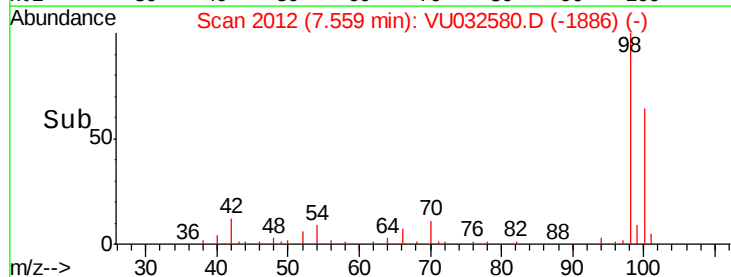
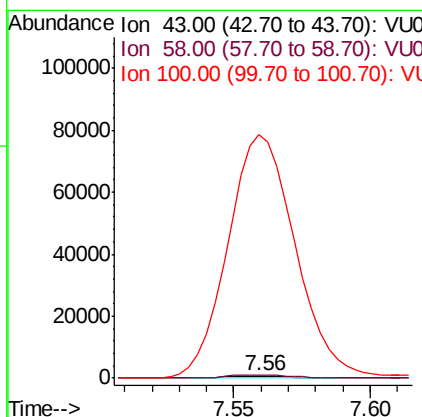
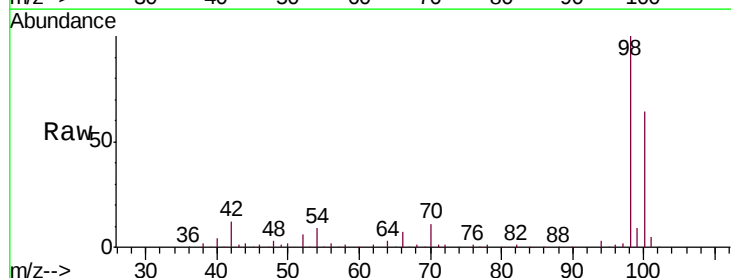
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C1

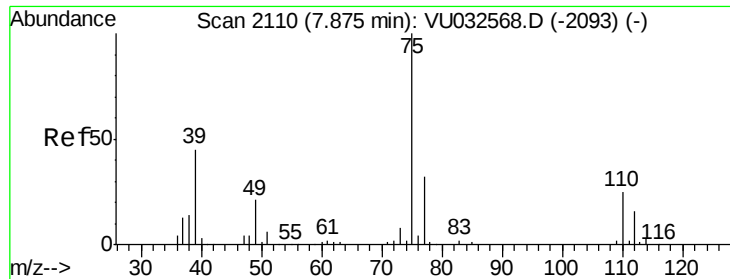
Tgt Ion: 75 Resp: 2496
 Ion Ratio Lower Upper
 75 100
 77 43.7 22.0 41.0#



#40
 4-Methyl-2-pentanone
 Concen: 0.543 ug/L
 RT: 7.56 min Scan# 2012
 Delta R.T. 0.11 min
 Lab File: VU032580.D
 Acq: 10 Jun 2019 21:11

Tgt Ion: 43 Resp: 1152
 Ion Ratio Lower Upper
 43 100
 58 153.4 30.8 46.2#
 100 11863.9 12.1 18.1#





#44

trans-1,3-Dichloropropene

Concen: 0.834 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032580.D

Acq: 10 Jun 2019 21:11

Instrument :

MSVOA_U

ClientSampled :

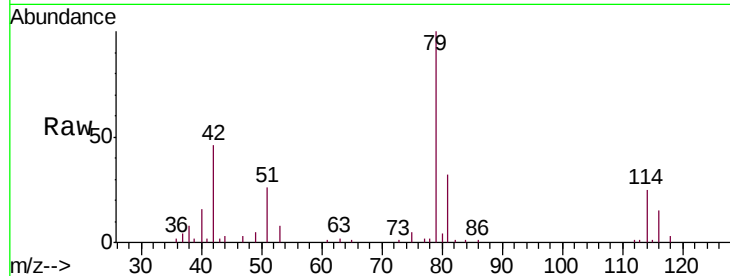
DB8C1

Tgt Ion: 75 Resp: 1540

Ion Ratio Lower Upper

75 100

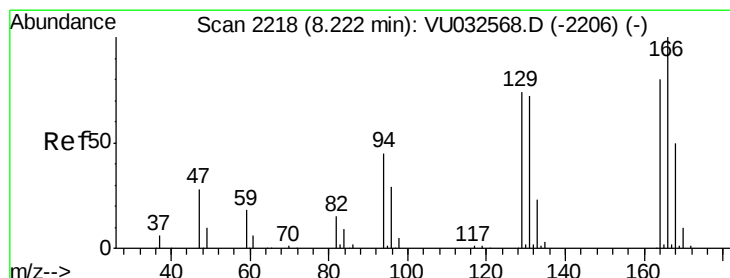
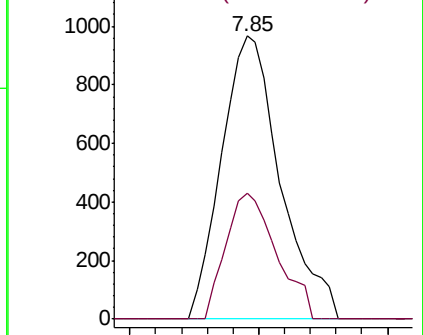
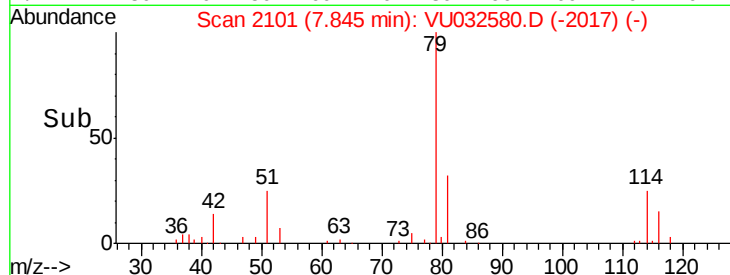
77 44.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU032580.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU032580.D (-2101) (-)

Time-->



#46

Tetrachloroethene

Concen: 0.771 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032580.D

Acq: 10 Jun 2019 21:11

Tgt Ion: 164 Resp: 862

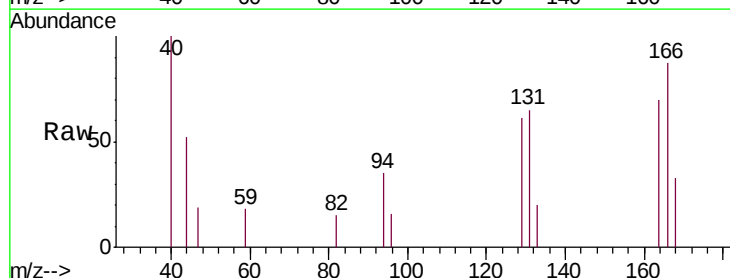
Ion Ratio Lower Upper

164 100

129 87.3 65.3 121.3

131 92.6 64.0 119.0

166 124.7 88.8 165.0



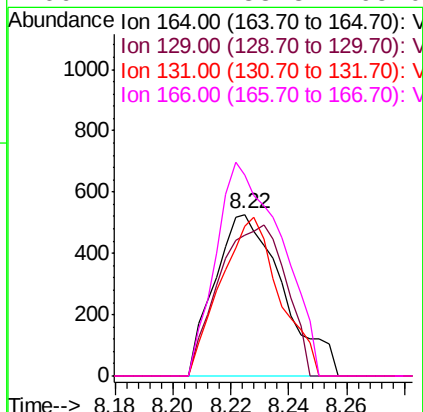
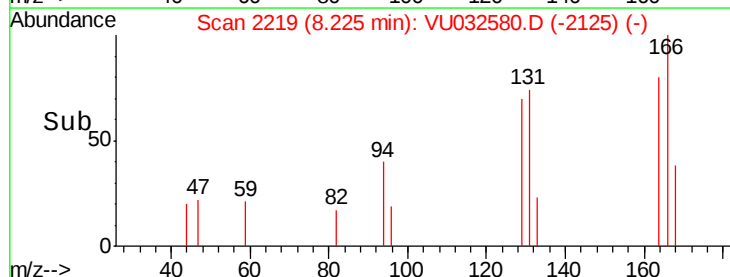
Abundance Ion 164.00 (163.70 to 164.70): VU032580.D (-2218) (-)

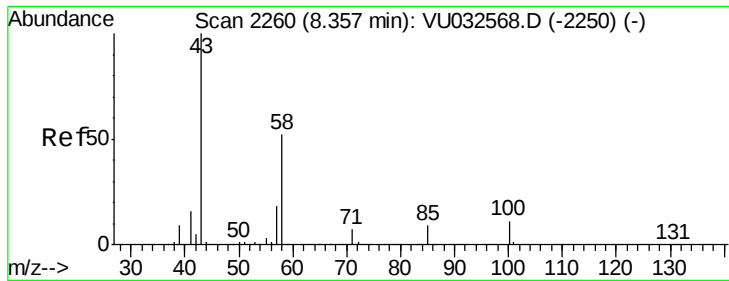
Ion 129.00 (128.70 to 129.70): VU032580.D (-2218) (-)

Ion 131.00 (130.70 to 131.70): VU032580.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VU032580.D (-2218) (-)

Time-->

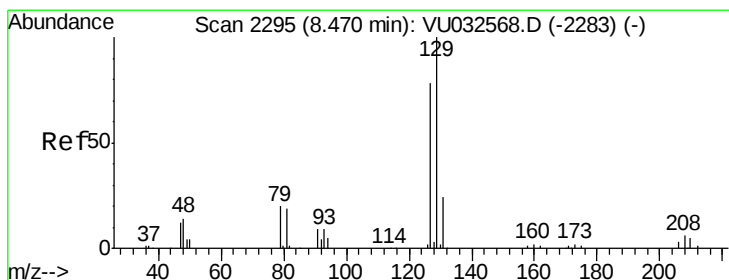
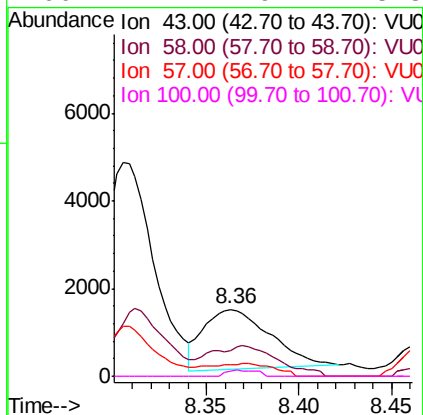
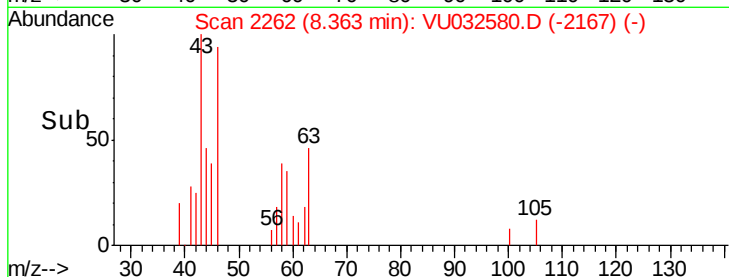
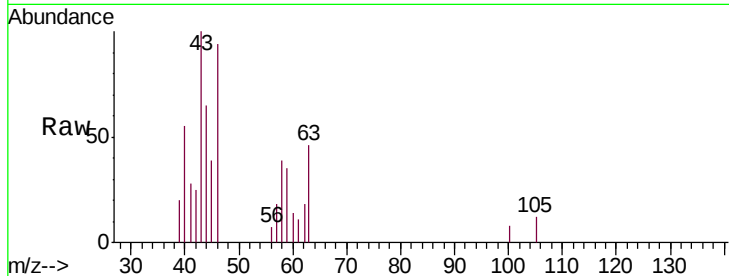




#48
2-Hexanone
Concen: 1.946 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032580.D
Acq: 10 Jun 2019 21:11

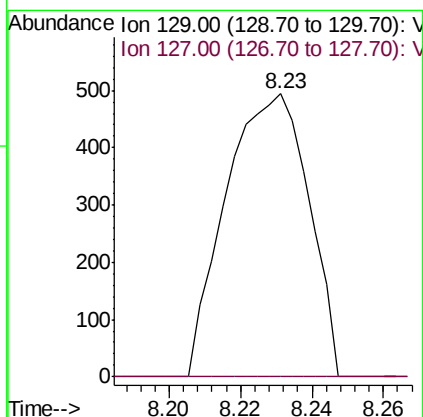
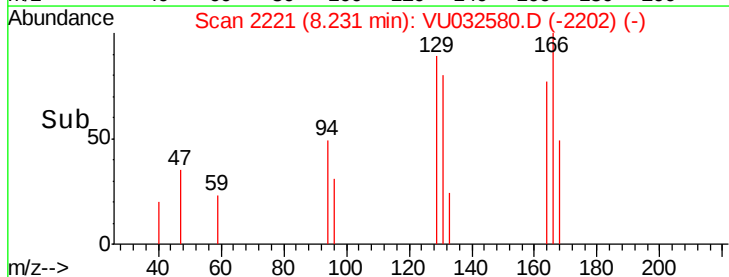
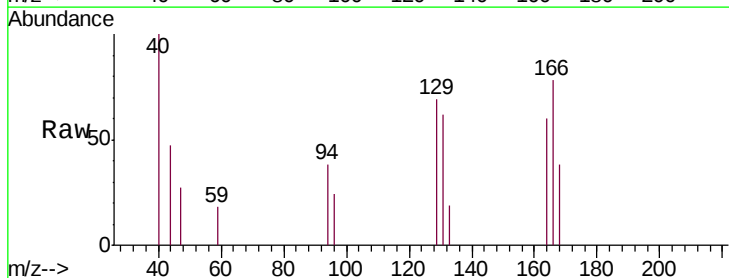
Instrument :
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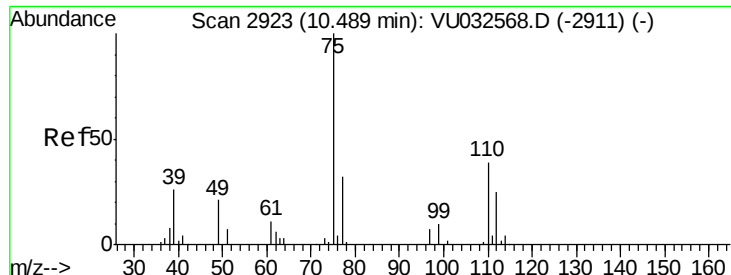
Tgt Ion: 43 Resp: 3392
Ion Ratio Lower Upper
43 100
58 33.1 42.0 63.0#
57 16.6 14.6 22.0
100 2.7 9.2 13.8#



#49
Dibromochloromethane
Concen: 0.546 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. -0.24 min
Lab File: VU032580.D
Acq: 10 Jun 2019 21:11

Tgt Ion: 129 Resp: 791
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#





#59
 1,2,3-Trichloropropane
 Concen: 6.140 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032580.D
 Acq: 10 Jun 2019 21:11

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C1

Tgt Ion: 75 Resp: 10529
 Ion Ratio Lower Upper
 75 100
 77 40.6 25.6 38.4#

