

Data File : VU032503.D
Acq On : 06 Jun 2019 17:43
Operator : JC/SP
Sample : K3213-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K3

Quant Time: Jun 07 05:52:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	215616	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199397	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48614	34.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.50%
7) Chloroethane-d5	1.68	69	43345	38.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.12%
11) 1,1-Dichloroethene-d2	2.27	63	79423	29.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.00%#
21) 2-Butanone-d5	4.17	46	113983	97.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.37%
24) Chloroform-d	4.64	84	116156	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.30	65	79067	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.33	84	241648	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.32	67	78028	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.56	98	232710	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
43) trans-1,3-Dichloropropene-	7.85	79	35568	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.58%
47) 2-Hexanone-d5	8.31	63	77062	97.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114679	48.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	97725	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

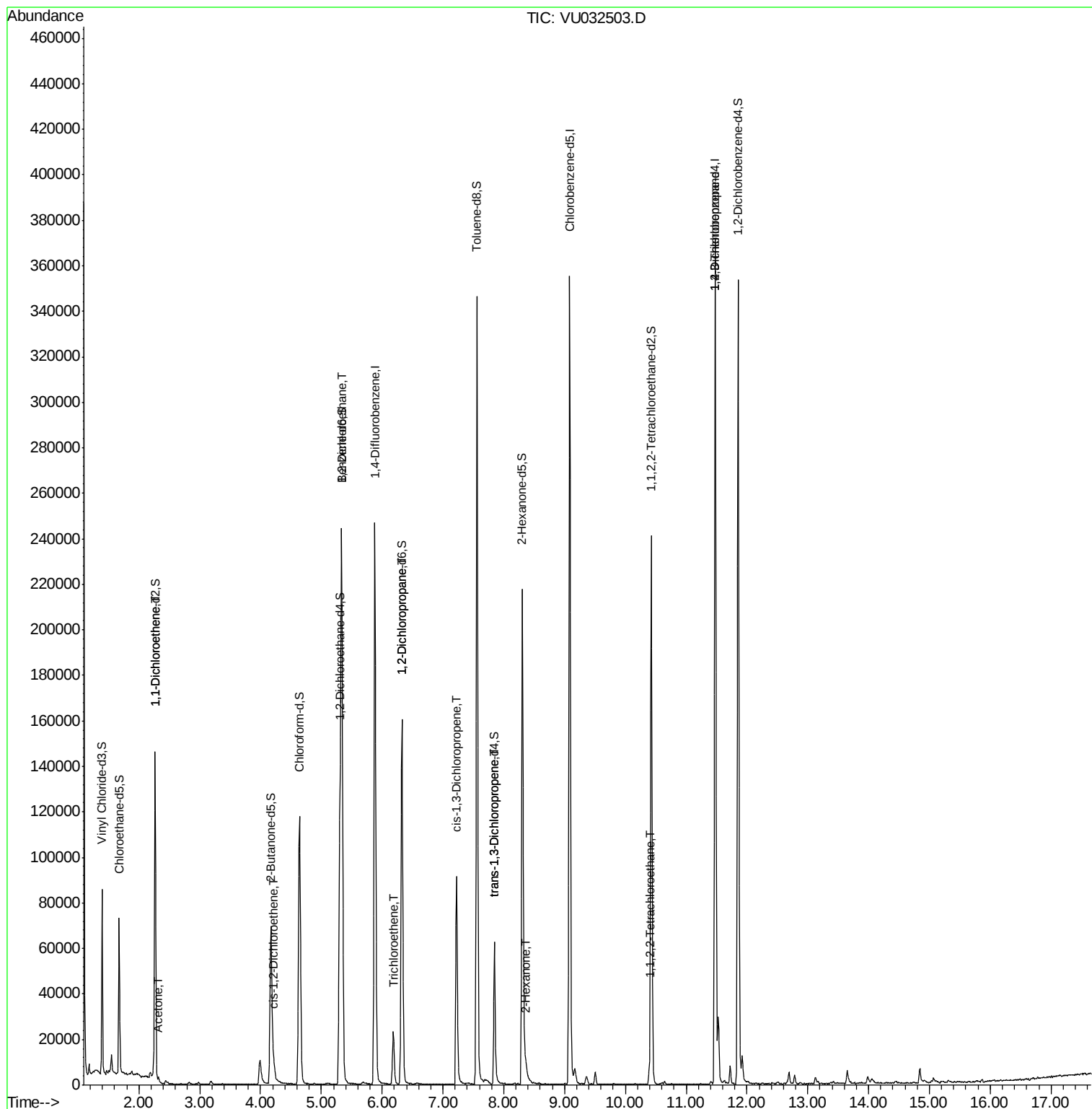
					Qvalue	
12) 1,1-Dichloroethene	2.26	96	738	0.577	ug/L #	1
13) Acetone	2.32	43	1825	1.511	ug/L	80
20) cis-1,2-Dichloroethene	4.22	96	1652	1.053	ug/L	92
27) 1,2-Dichloroethane	5.34	62	1393	0.676	ug/L #	75
34) Trichloroethene	6.19	95	7989	5.241	ug/L	93
37) 1,2-Dichloropropane	6.32	63	8549	5.756	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2503	1.068	ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	1664	0.800	ug/L	86
48) 2-Hexanone	8.37	43	3603	1.836	ug/L #	91
58) 1,1,2,2-Tetrachloroethane	10.40	83	3678	1.532	ug/L #	33
59) 1,2,3-Trichloropropane	11.48	75	12082	6.258	ug/L	93

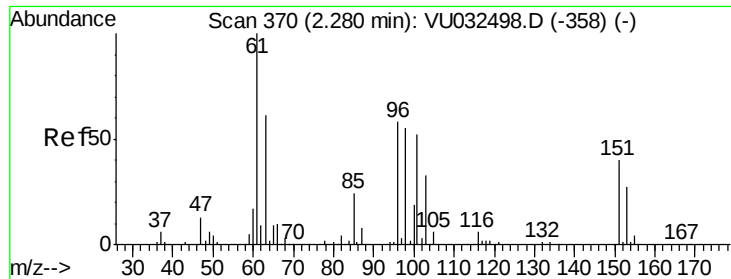
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032503.D
Acq On : 06 Jun 2019 17:43
Operator : JC/SP
Sample : K3213-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K3

Quant Time: Jun 07 05:52:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.577 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032503.D

Acq: 06 Jun 2019 17:43

Instrument :

MSVOA_U

ClientSampleId :

DB8K3

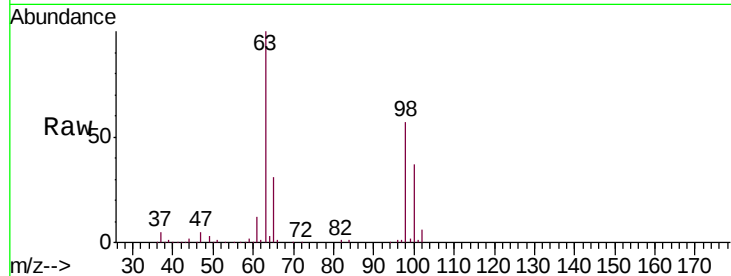
Tgt Ion: 96 Resp: 738

Ion Ratio Lower Upper

96 100

61 1351.2 129.5 240.5#

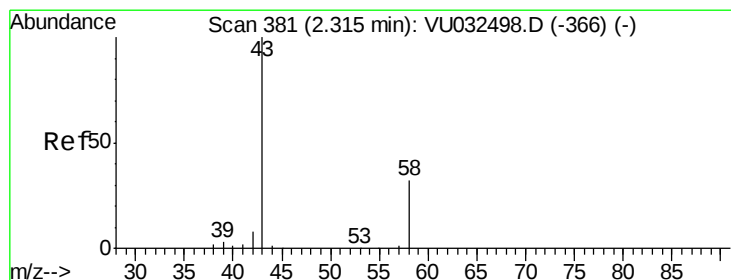
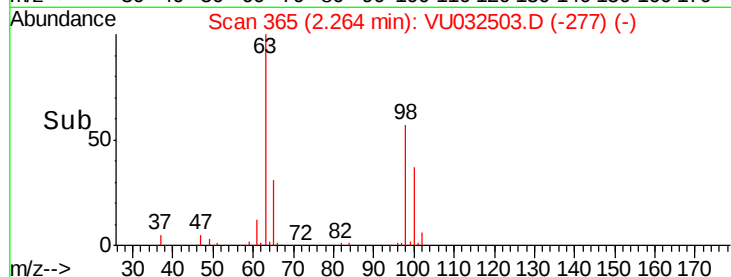
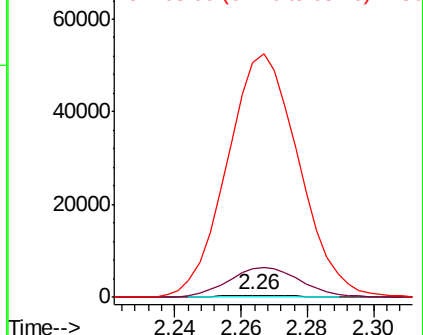
63 11022.2 103.4 192.0#



Abundance Ion 96.00 (95.70 to 96.70): VU032503.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU032503.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032503.D (-277) (-)



#13

Acetone

Concen: 1.511 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032503.D

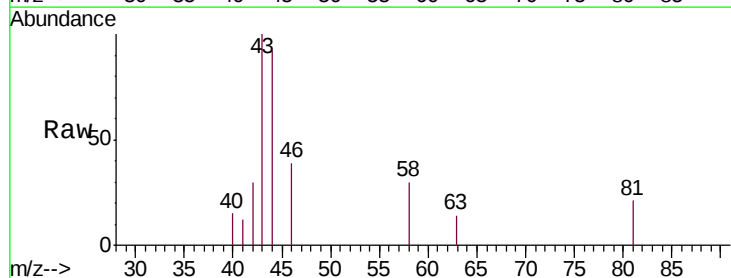
Acq: 06 Jun 2019 17:43

Tgt Ion: 43 Resp: 1825

Ion Ratio Lower Upper

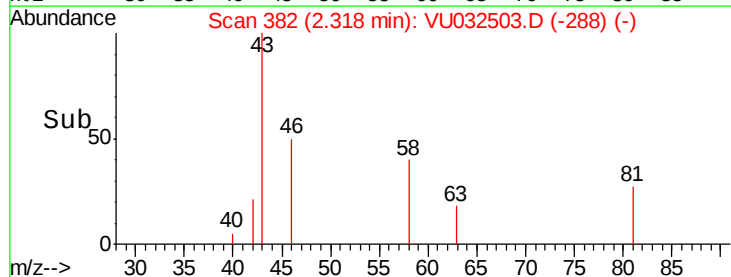
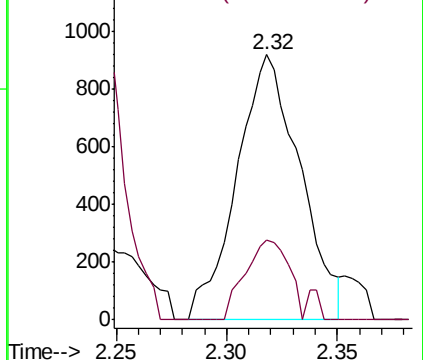
43 100

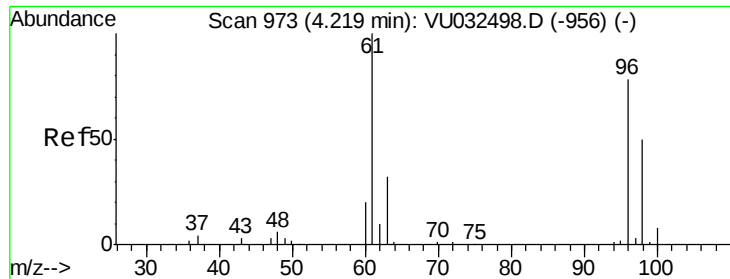
58 20.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032503.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032503.D (-288) (-)

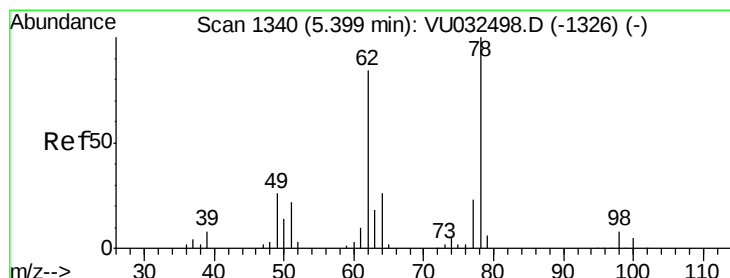
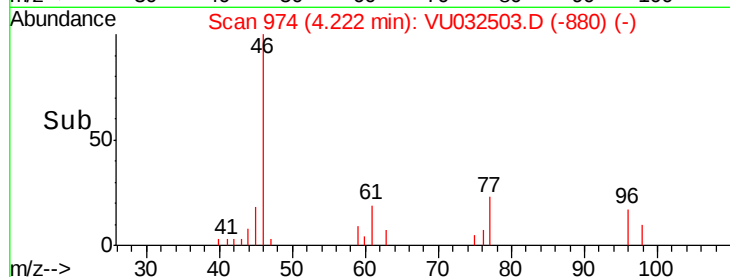
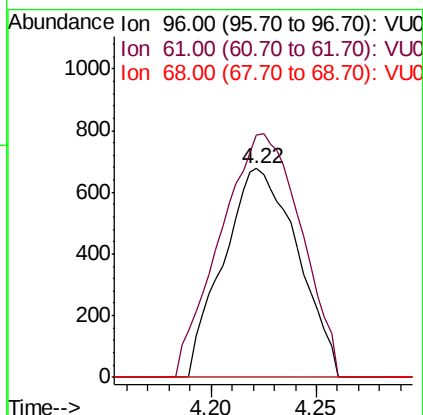
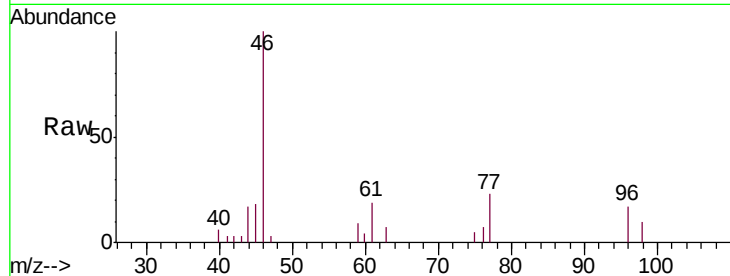




#20
 cis-1,2-Dichloroethene
 Concen: 1.053 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU032503.D
 Acq: 06 Jun 2019 17:43

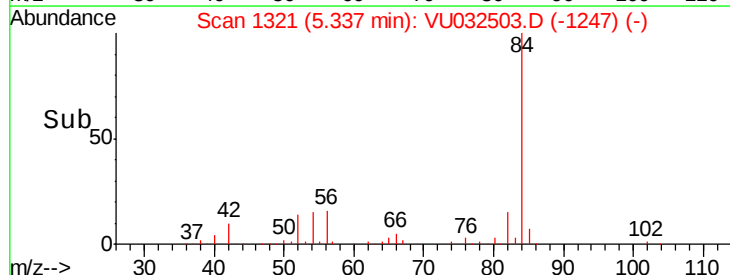
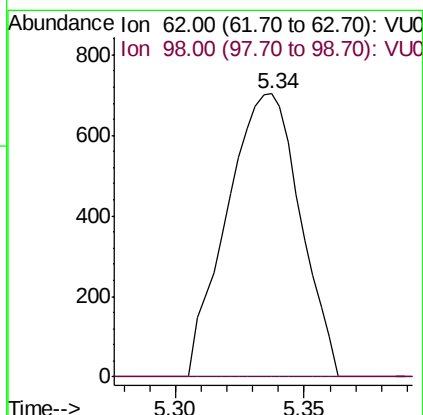
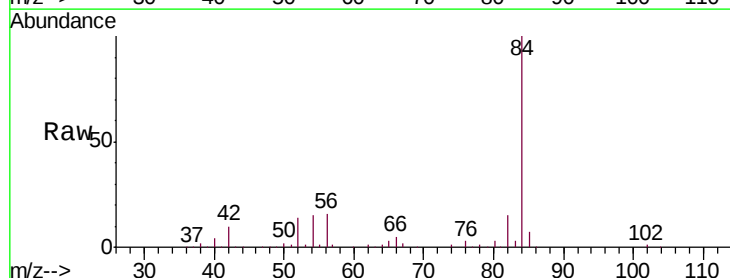
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K3

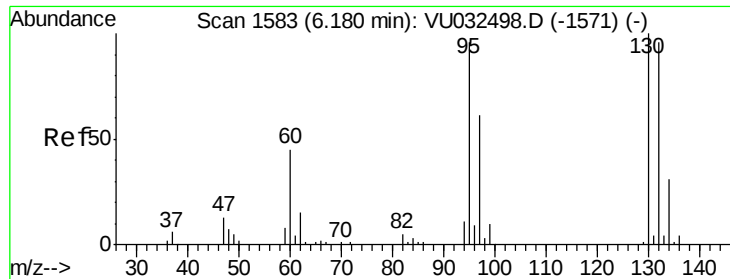
Tgt Ion: 96 Resp: 1652
 Ion Ratio Lower Upper
 96 100
 61 116.0 87.2 162.0
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.676 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032503.D
 Acq: 06 Jun 2019 17:43

Tgt Ion: 62 Resp: 1393
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#





#34

Trichloroethene

Concen: 5.241 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032503.D

Acq: 06 Jun 2019 17:43

Instrument :

MSVOA_U

ClientSampleId :

DB8K3

Tgt Ion: 95 Resp: 7989

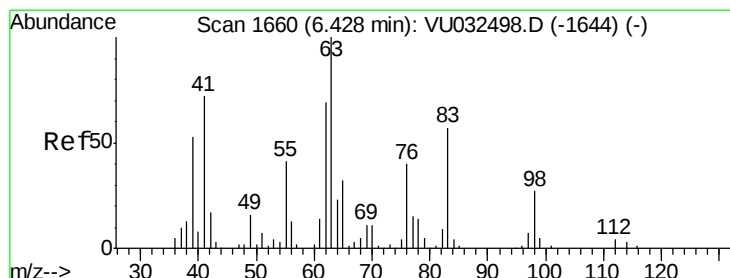
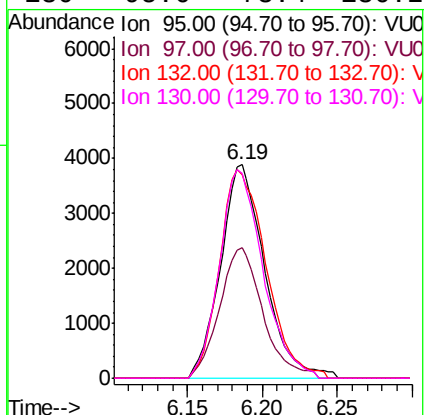
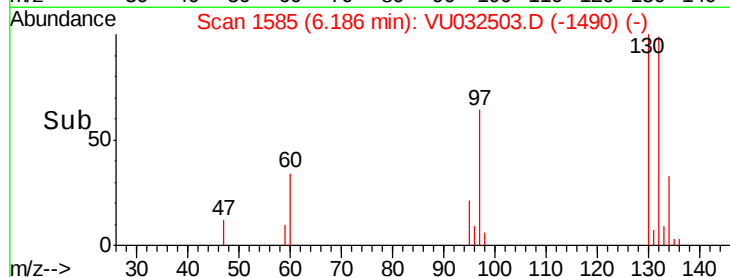
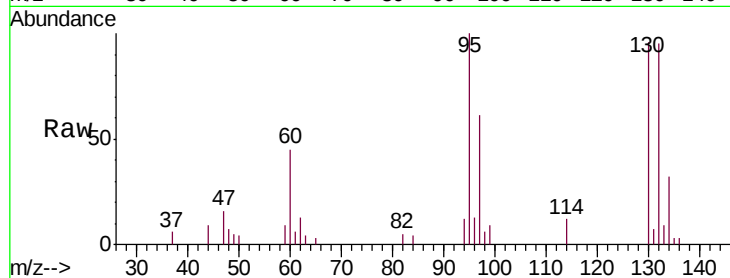
Ion Ratio Lower Upper

95 100

97 60.9 45.8 85.2

132 95.1 71.0 131.8

130 95.6 73.4 136.2



#37

1,2-Dichloropropane

Concen: 5.756 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032503.D

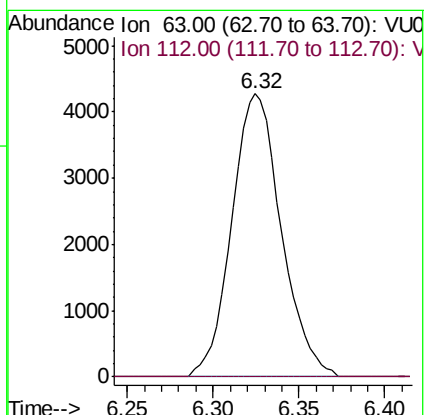
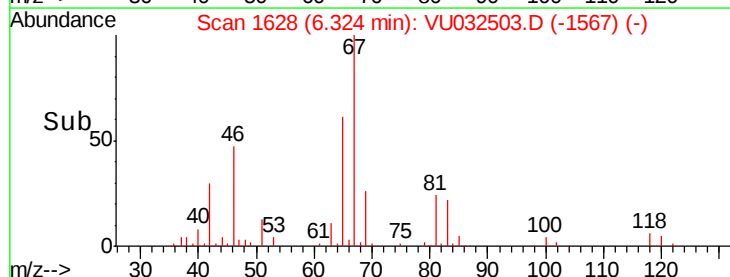
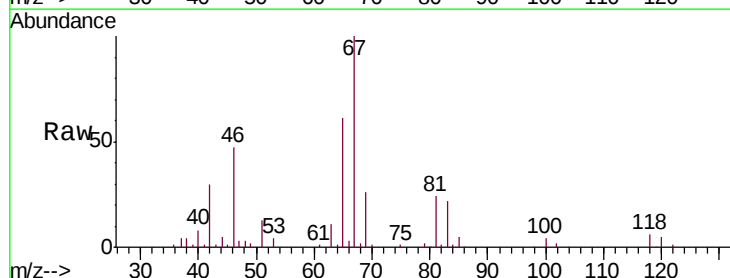
Acq: 06 Jun 2019 17:43

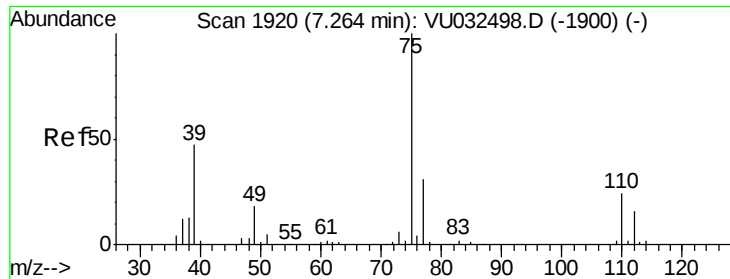
Tgt Ion: 63 Resp: 8549

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

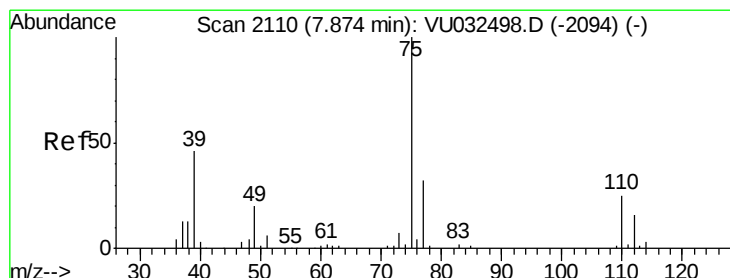
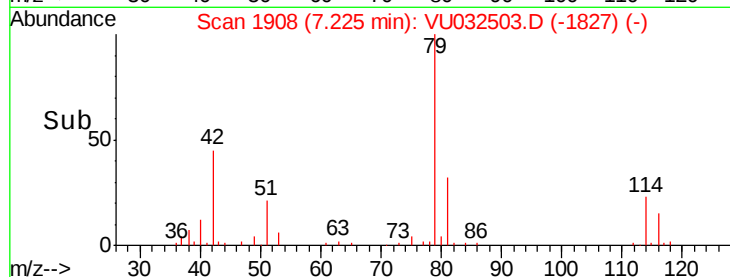
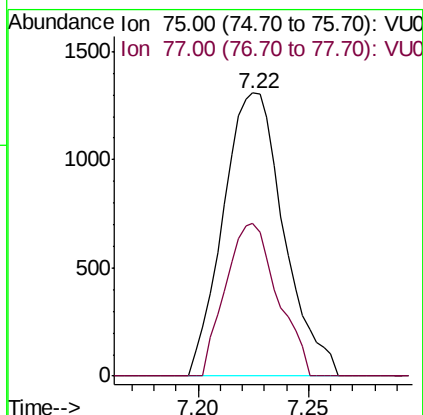
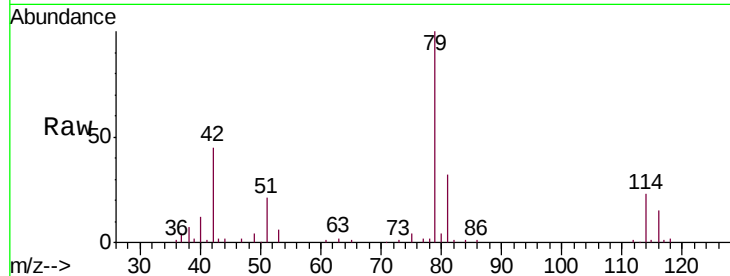




#39
 cis-1,3-Dichloropropene
 Concen: 1.068 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032503.D
 Acq: 06 Jun 2019 17:43

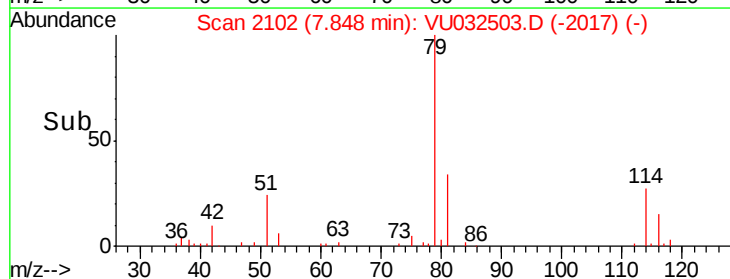
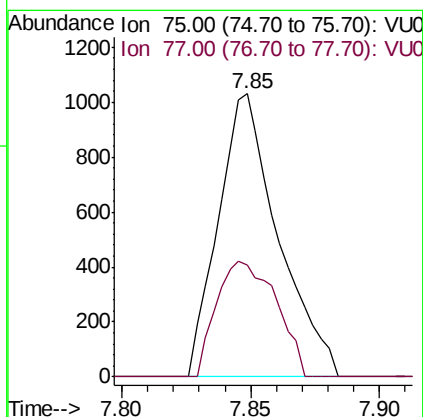
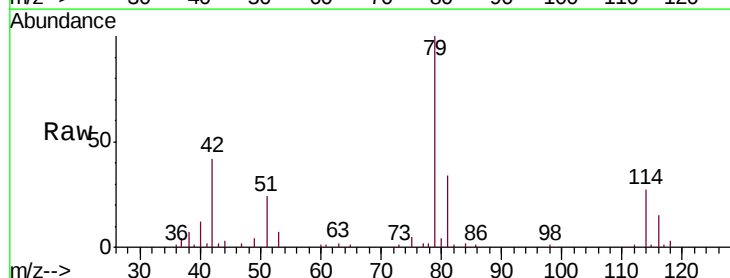
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K3

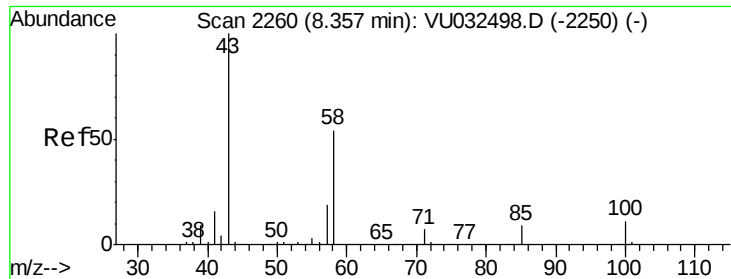
Tgt Ion: 75 Resp: 2503
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.800 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032503.D
 Acq: 06 Jun 2019 17:43

Tgt Ion: 75 Resp: 1664
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.1 41.1

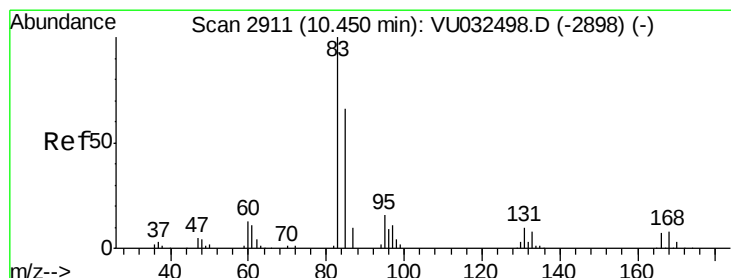
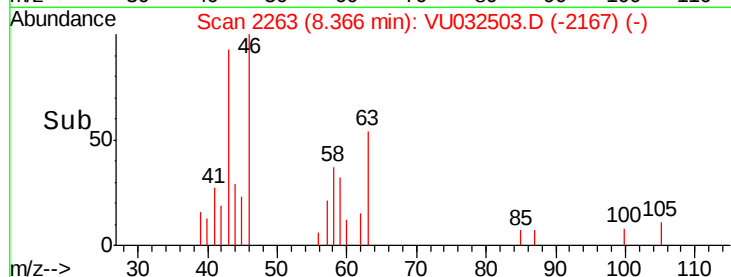
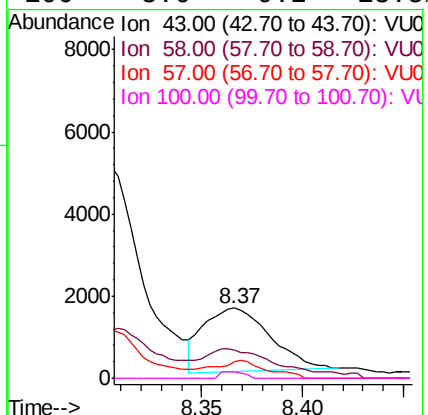
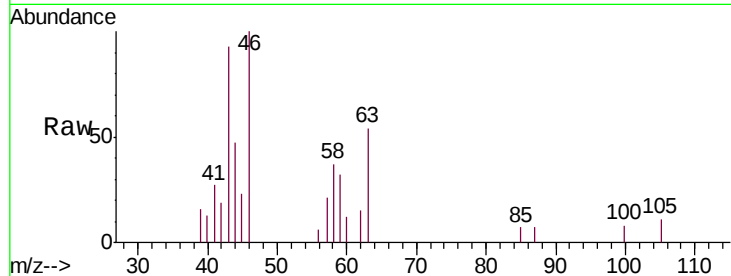




#48
 2-Hexanone
 Concen: 1.836 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU032503.D
 Acq: 06 Jun 2019 17:43

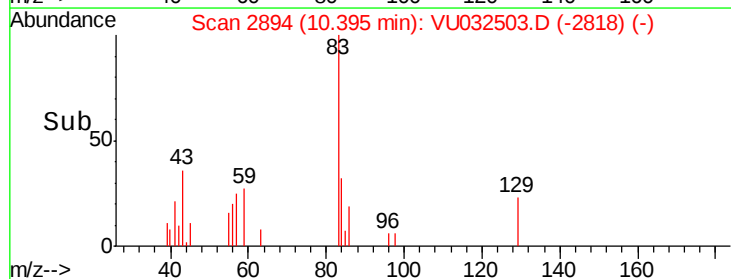
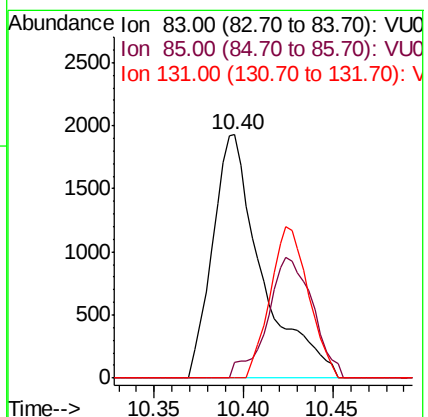
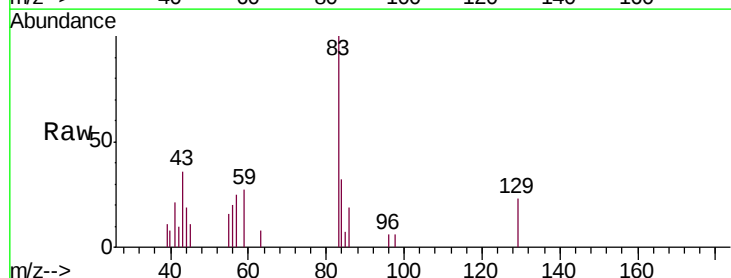
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8K3

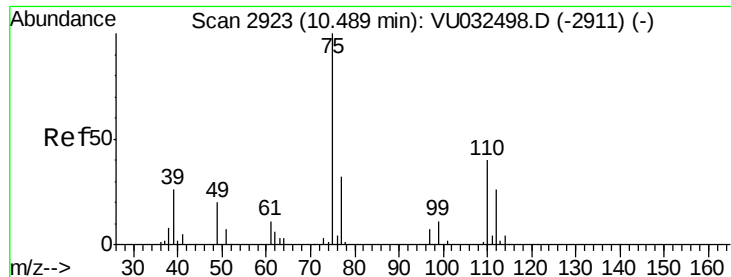
Tgt Ion: 43 Resp: 3603
 Ion Ratio Lower Upper
 43 100
 58 46.7 42.0 63.0
 57 15.8 14.6 22.0
 100 3.6 9.2 13.8#



#58
 1,1,2,2-Tetrachloroethane
 Concen: 1.532 ug/L
 RT: 10.40 min Scan# 2894
 Delta R.T. -0.05 min
 Lab File: VU032503.D
 Acq: 06 Jun 2019 17:43

Tgt Ion: 83 Resp: 3678
 Ion Ratio Lower Upper
 83 100
 85 6.7 45.1 83.7#
 131 0.0 7.9 11.9#





#59

1,2,3-Trichloropropane

Concen: 6.258 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032503.D

Acq: 06 Jun 2019 17:43

Instrument :

MSVOA_U

ClientSampleId :

DB8K3

Tgt Ion: 75 Resp: 12082

Ion Ratio Lower Upper

75 100

77 35.9 25.6 38.4

