

Data File : VU032506.D
Acq On : 06 Jun 2019 18:51
Operator : JC/SP
Sample : K3213-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K7

Quant Time: Jun 07 05:52:39 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	211771	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	198689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47330	34.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.90%
7) Chloroethane-d5	1.68	69	43866	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.46%
11) 1,1-Dichloroethene-d2	2.27	63	78461	29.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.34%#
21) 2-Butanone-d5	4.17	46	112435	97.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.79%
24) Chloroform-d	4.64	84	112820	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
26) 1,2-Dichloroethane-d4	5.30	65	76641	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
32) Benzene-d6	5.33	84	240596	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.32	67	76055	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.04%
41) Toluene-d8	7.56	98	228833	46.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.58%
43) trans-1,3-Dichloropropene-	7.85	79	35035	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.52%
47) 2-Hexanone-d5	8.31	63	73503	93.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114077	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	96230	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%

Target Compounds

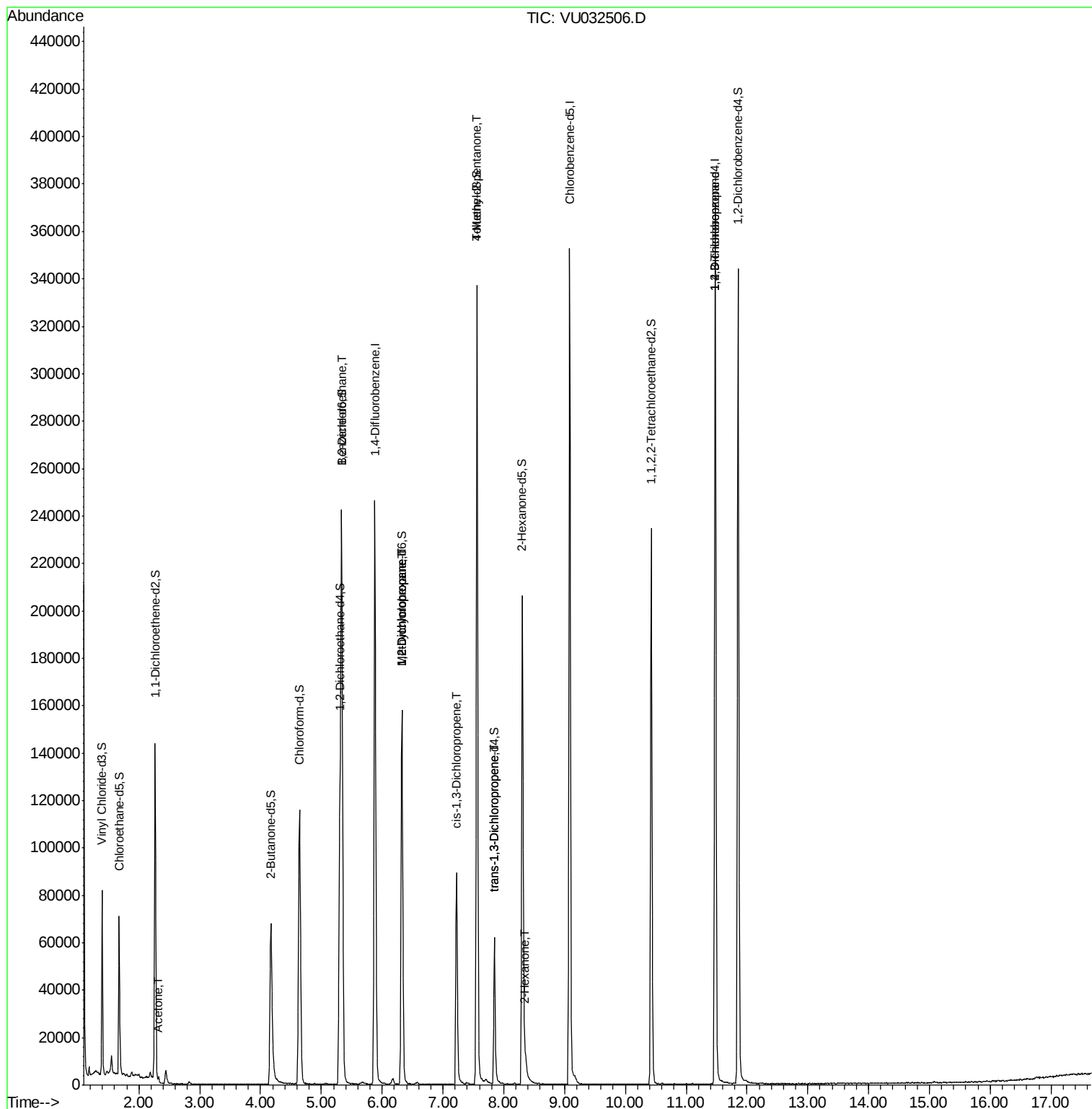
					Qvalue
13) Acetone	2.32	43	1807	1.523 ug/L	84
27) 1,2-Dichloroethane	5.34	62	1336	0.660 ug/L #	75
35) Methylcyclohexane	6.32	83	17542	7.134 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	8403	5.678 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2115	0.906 ug/L #	81
40) 4-Methyl-2-pentanone	7.56	43	1139	0.478 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1657	0.800 ug/L	92
48) 2-Hexanone	8.36	43	3725	1.905 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	11618	6.039 ug/L	93

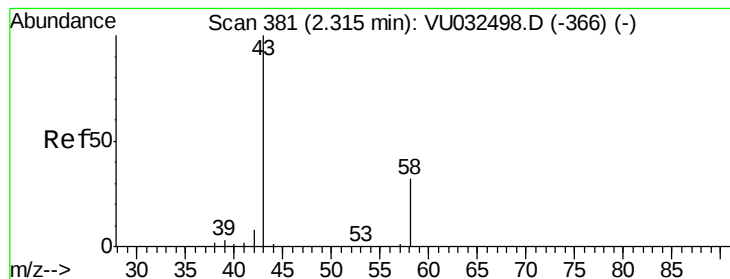
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.523 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032506.D

Acq: 06 Jun 2019 18:51

Instrument :

MSVOA_U

ClientSampleId :

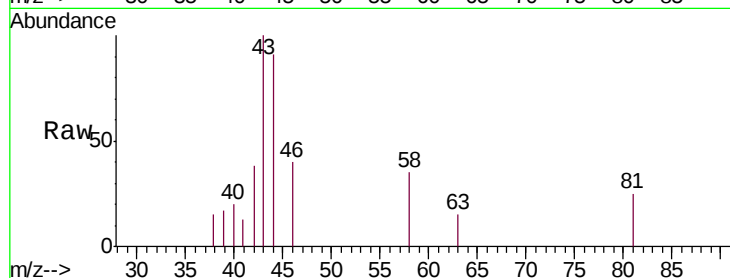
DB8K7

Tgt Ion: 43 Resp: 1807

Ion Ratio Lower Upper

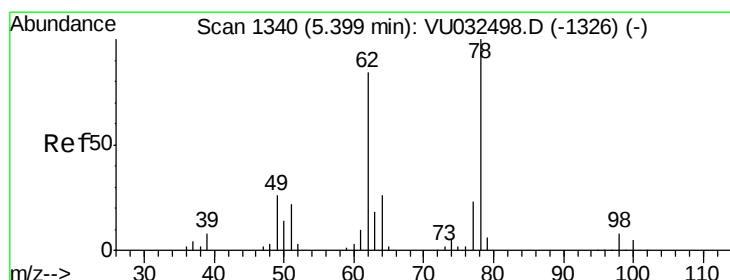
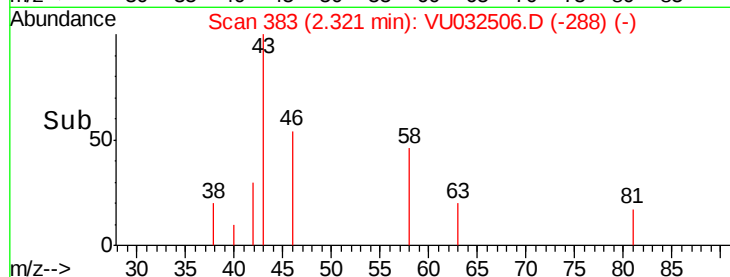
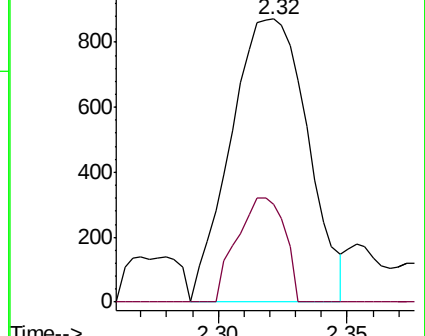
43 100

58 23.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032498.D (-366) (-)

Ion 58.00 (57.70 to 58.70): VU032498.D (-366) (-)



#27

1,2-Dichloroethane

Concen: 0.660 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032506.D

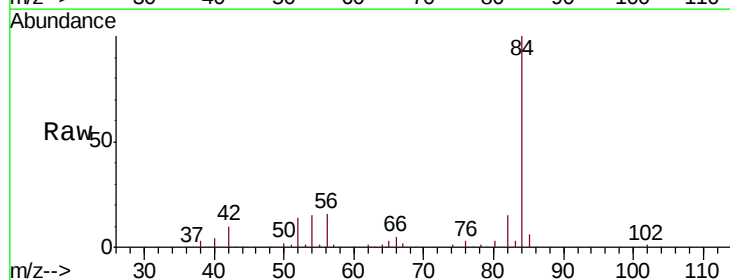
Acq: 06 Jun 2019 18:51

Tgt Ion: 62 Resp: 1336

Ion Ratio Lower Upper

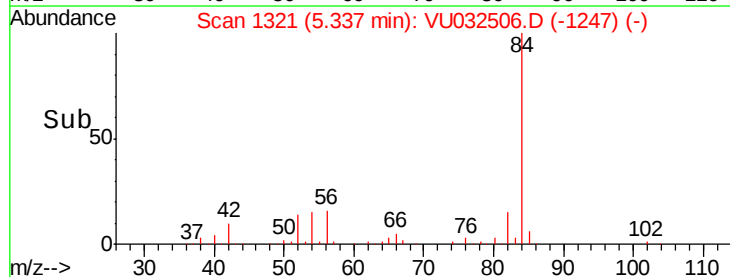
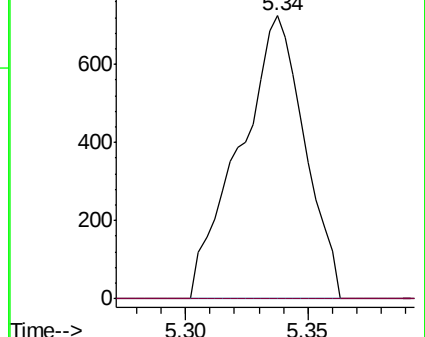
62 100

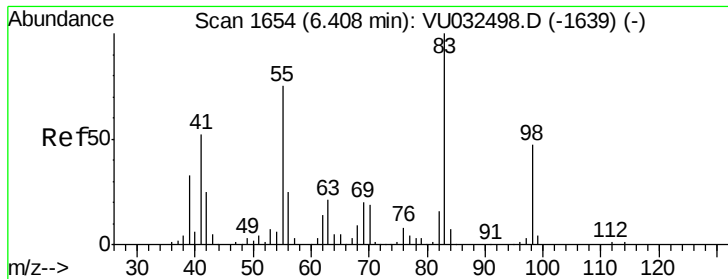
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032498.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032498.D (-1326) (-)

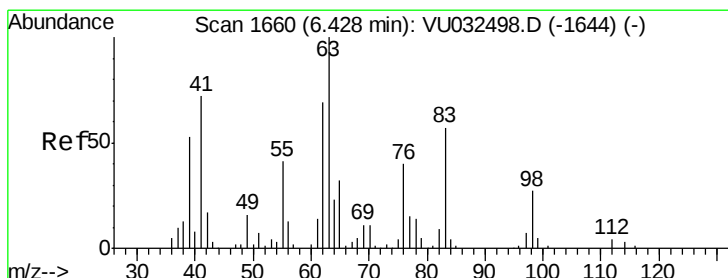
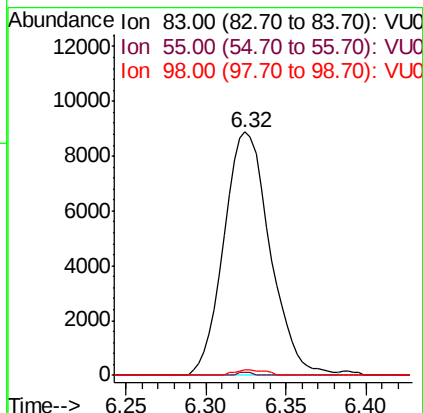
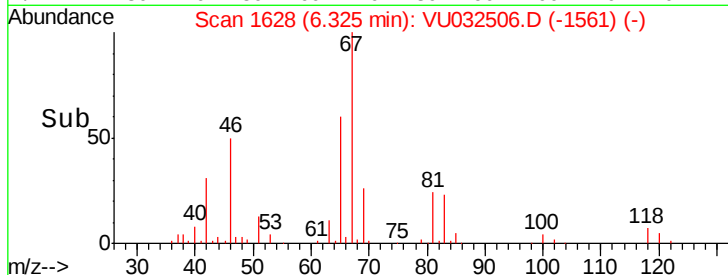
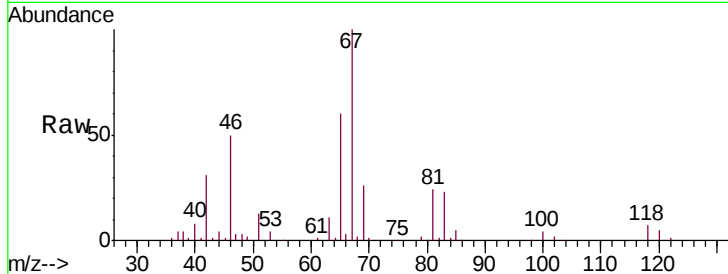




#35
Methylcyclohexane
Concen: 7.134 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032506.D
Acq: 06 Jun 2019 18:51

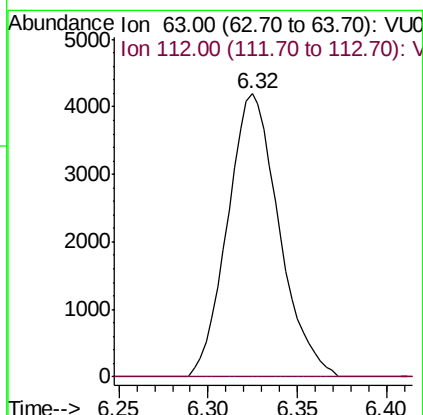
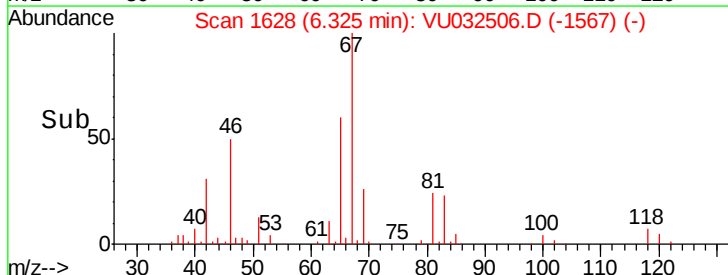
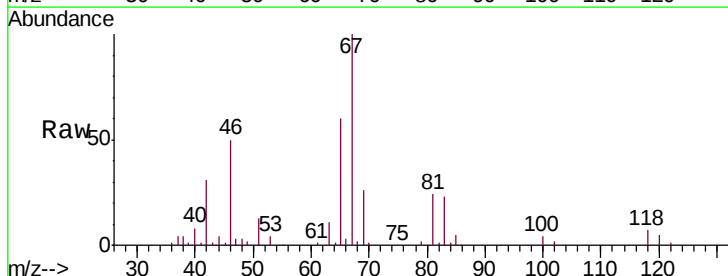
Instrument :
MSVOA_U
ClientSampleId :
DB8K7

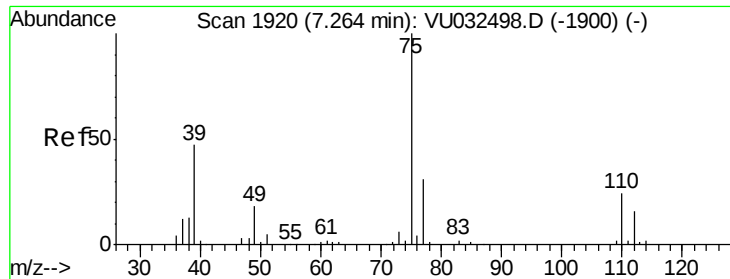
Tgt Ion: 83 Resp: 17542
Ion Ratio Lower Upper
83 100
55 0.4 60.2 90.4#
98 1.5 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 5.678 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032506.D
Acq: 06 Jun 2019 18:51

Tgt Ion: 63 Resp: 8403
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

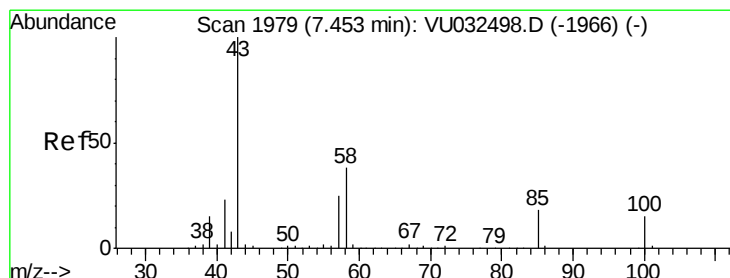
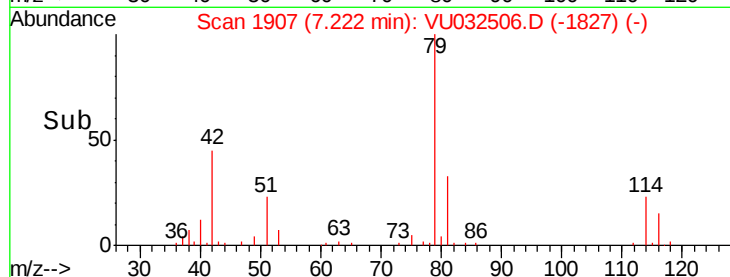
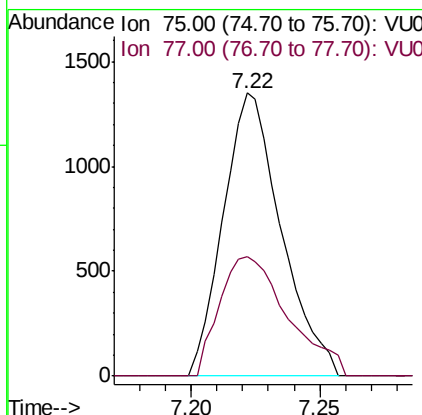
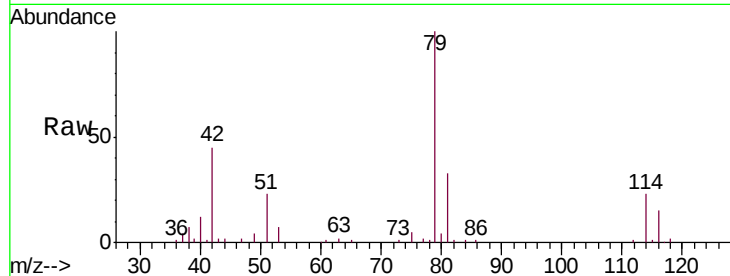




#39
 cis-1,3-Dichloropropene
 Concen: 0.906 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032506.D
 Acq: 06 Jun 2019 18:51

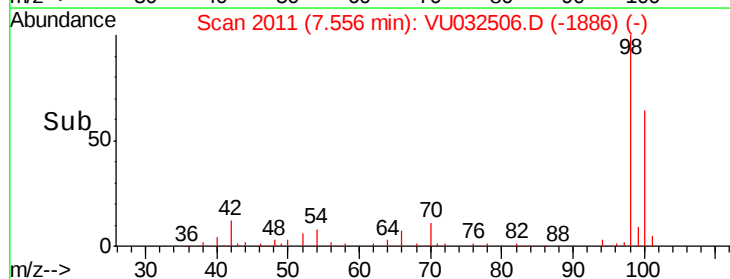
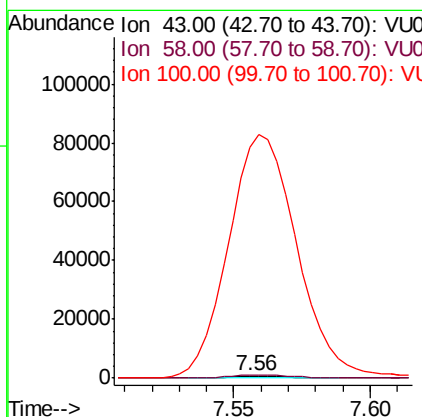
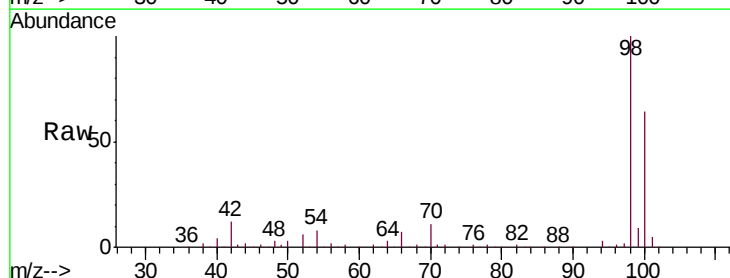
Instrument :
 MSVOA_U
 ClientSampled :
 DB8K7

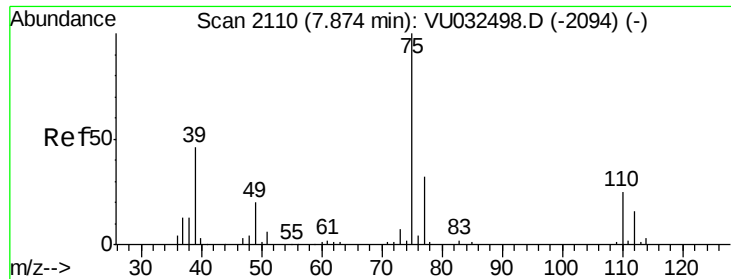
Tgt Ion: 75 Resp: 2115
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.0 41.0#



#40
 4-Methyl-2-pentanone
 Concen: 0.478 ug/L
 RT: 7.56 min Scan# 2011
 Delta R.T. 0.10 min
 Lab File: VU032506.D
 Acq: 06 Jun 2019 18:51

Tgt Ion: 43 Resp: 1139
 Ion Ratio Lower Upper
 43 100
 58 163.2 30.8 46.2#
 100 12791.3 12.1 18.1#

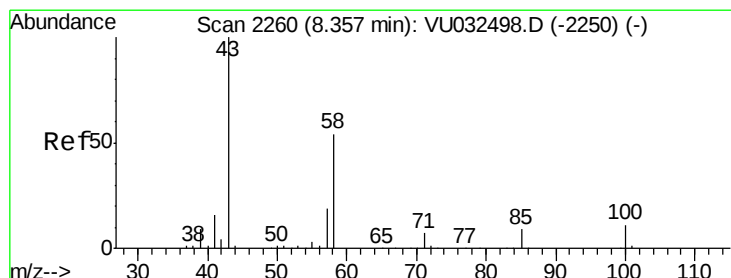
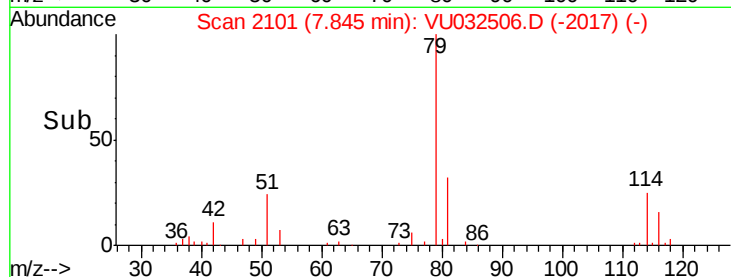
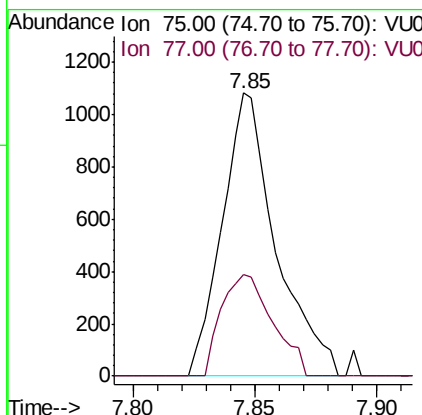
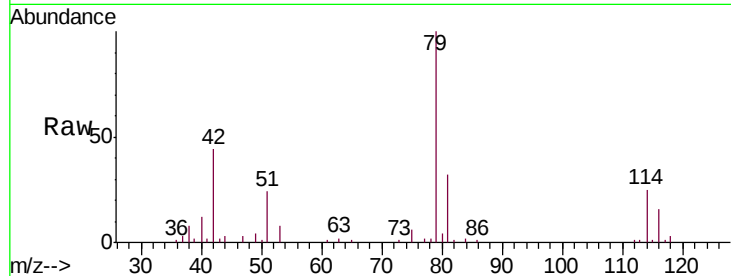




#44
trans-1,3-Dichloropropene
Concen: 0.800 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032506.D
Acq: 06 Jun 2019 18:51

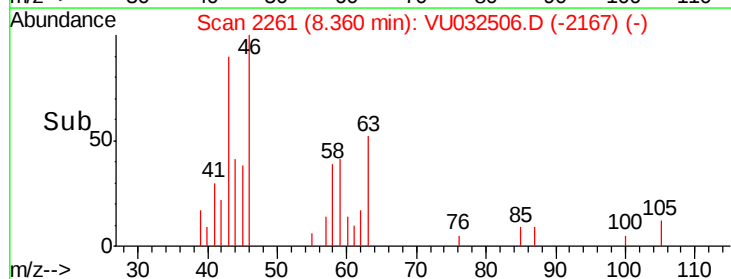
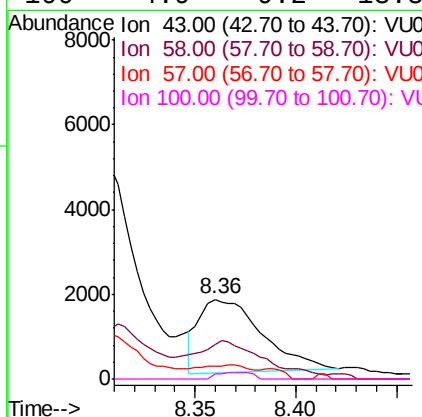
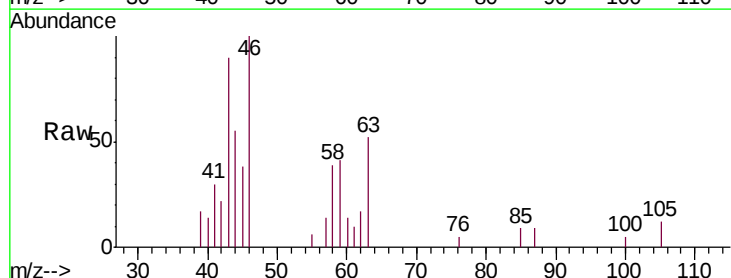
Instrument :
MSVOA_U
ClientSampleId :
DB8K7

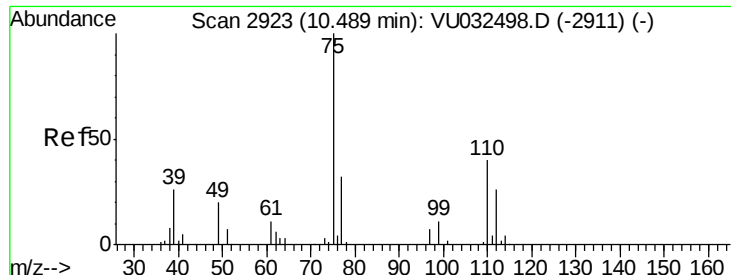
Tgt Ion: 75 Resp: 1657
Ion Ratio Lower Upper
75 100
77 36.1 22.1 41.1



#48
2-Hexanone
Concen: 1.905 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032506.D
Acq: 06 Jun 2019 18:51

Tgt Ion: 43 Resp: 3725
Ion Ratio Lower Upper
43 100
58 28.1 42.0 63.0#
57 0.0 14.6 22.0#
100 4.9 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 6.039 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032506.D

Acq: 06 Jun 2019 18:51

Instrument :

MSVOA_U

ClientSampleId :

DB8K7

Tgt Ion: 75 Resp: 11618

Ion Ratio Lower Upper

75 100

77 36.0 25.6 38.4

