

Data File : VU032507.D
Acq On : 06 Jun 2019 19:14
Operator : JC/SP
Sample : K3213-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K8

Quant Time: Jun 07 05:52:47 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	216362	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	200739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100852	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47956	34.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.32%
7) Chloroethane-d5	1.68	69	43969	38.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.96%
11) 1,1-Dichloroethene-d2	2.27	63	78198	28.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.90%#
21) 2-Butanone-d5	4.17	46	114849	97.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.77%
24) Chloroform-d	4.64	84	114452	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.30	65	77458	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.33	84	241923	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
36) 1,2-Dichloropropane-d6	6.32	67	78024	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.56	98	230437	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.85	79	35875	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.74%
47) 2-Hexanone-d5	8.31	63	74915	94.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113834	48.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	97974	50.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.44%

Target Compounds

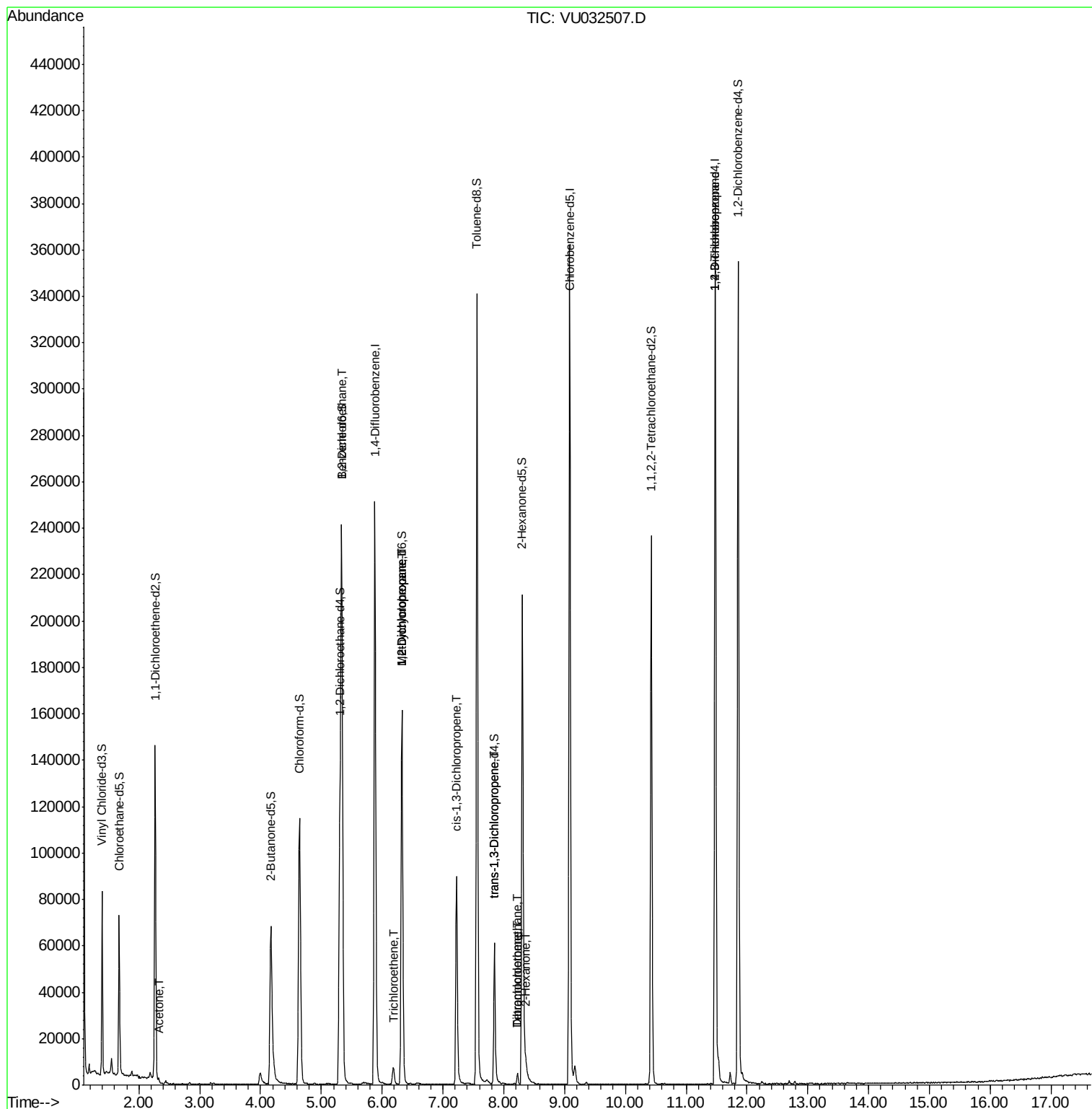
					Qvalue
13) Acetone	2.32	43	1543	1.273 ug/L	70
27) 1,2-Dichloroethane	5.34	62	1321	0.638 ug/L #	75
34) Trichloroethene	6.19	95	1998	1.302 ug/L	90
35) Methylcyclohexane	6.32	83	17643	7.102 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8512	5.693 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2422	1.027 ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	1616	0.772 ug/L	98
46) Tetrachloroethene	8.22	164	1211	0.956 ug/L	95
48) 2-Hexanone	8.36	43	5512	2.790 ug/L #	47
49) Dibromochloromethane	8.23	129	1195	0.727 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	12127	6.239 ug/L	95

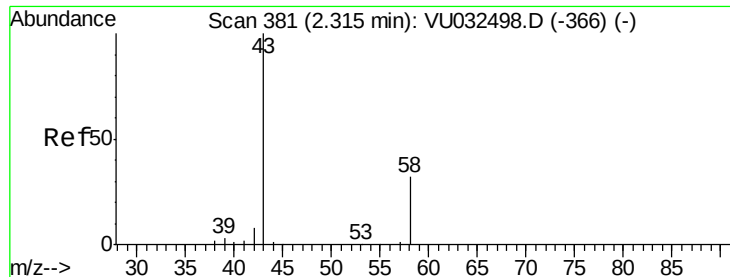
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.273 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032507.D

Acq: 06 Jun 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

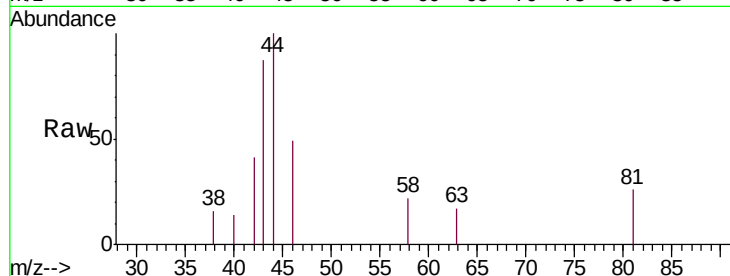
DB8K8

Tgt Ion: 43 Resp: 1543

Ion Ratio Lower Upper

43 100

58 15.3 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) (-)

2.32

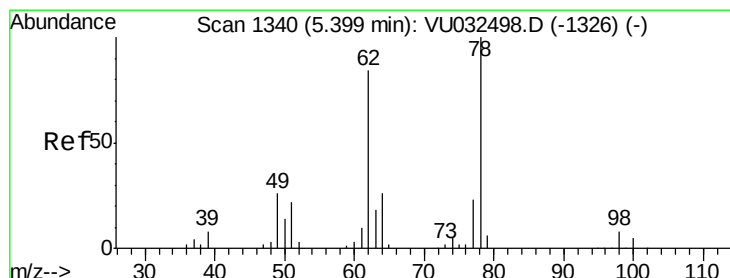
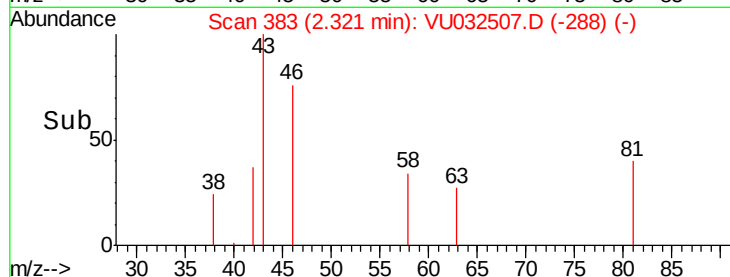
600

400

200

0

Time--> 2.25 2.30 2.35



#27

1,2-Dichloroethane

Concen: 0.638 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032507.D

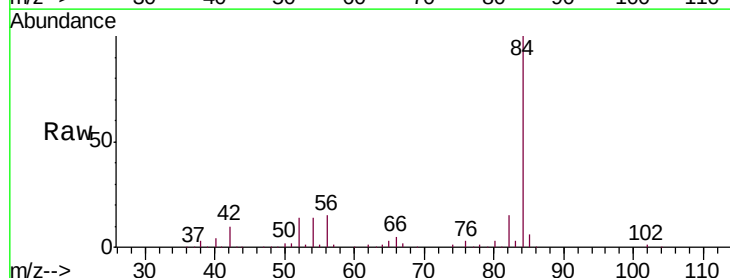
Acq: 06 Jun 2019 19:14

Tgt Ion: 62 Resp: 1321

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) (-)

5.34

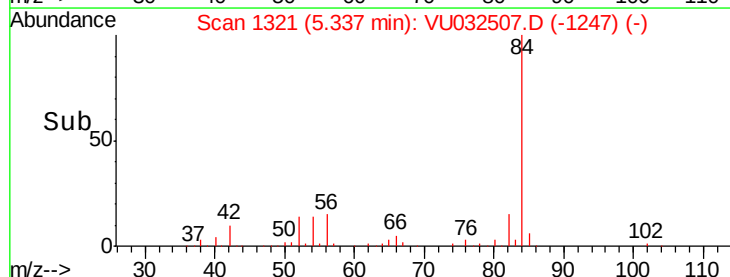
600

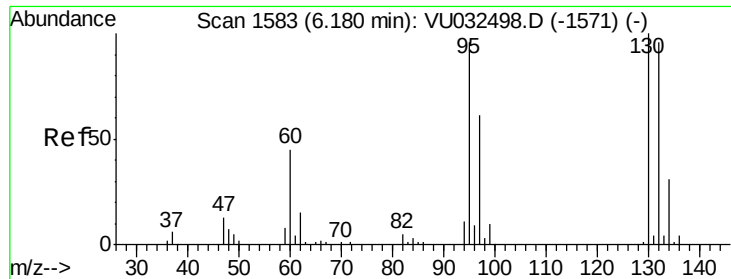
400

200

0

Time--> 5.30 5.35





#34

Trichloroethene

Concen: 1.302 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VU032507.D

Acq: 06 Jun 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

DB8K8

Tgt Ion: 95 Resp: 1998

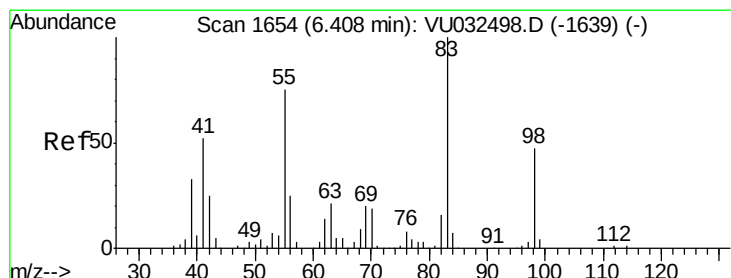
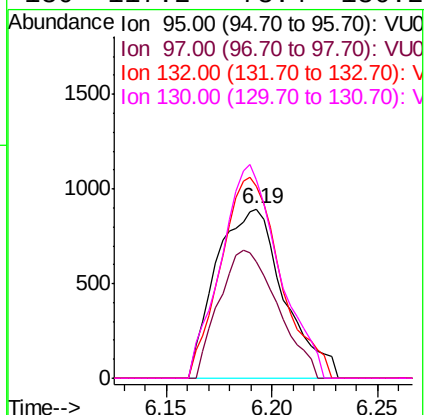
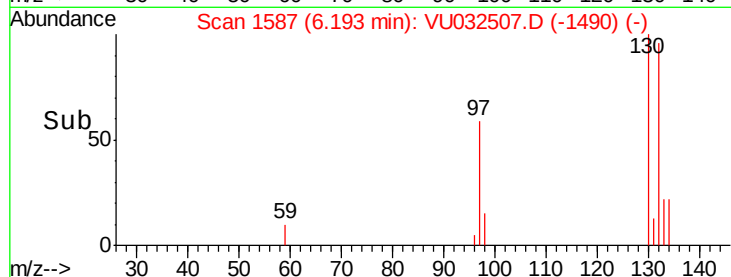
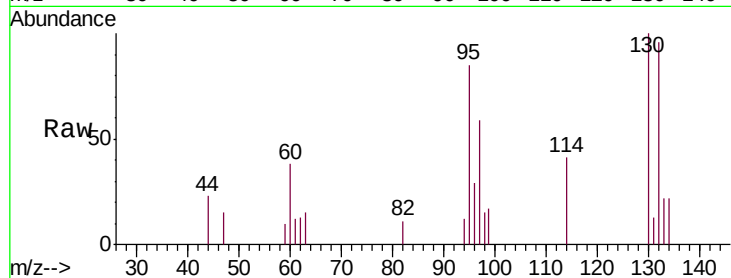
Ion Ratio Lower Upper

95 100

97 69.0 45.8 85.2

132 112.9 71.0 131.8

130 117.2 73.4 136.2



#35

Methylcyclohexane

Concen: 7.102 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032507.D

Acq: 06 Jun 2019 19:14

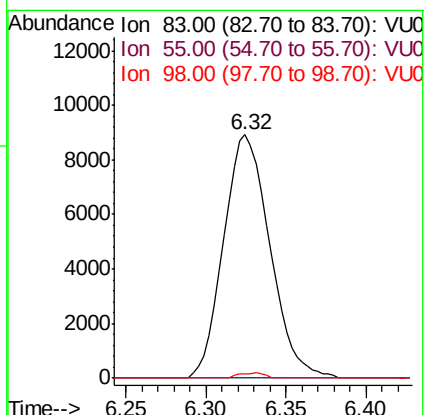
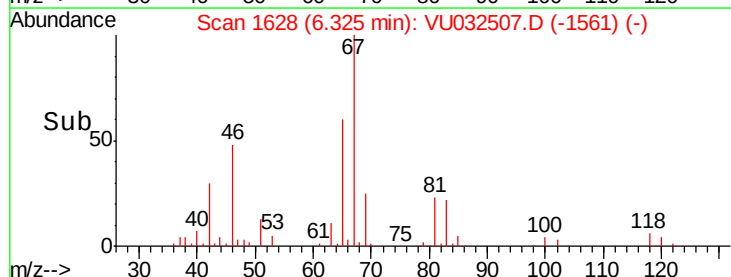
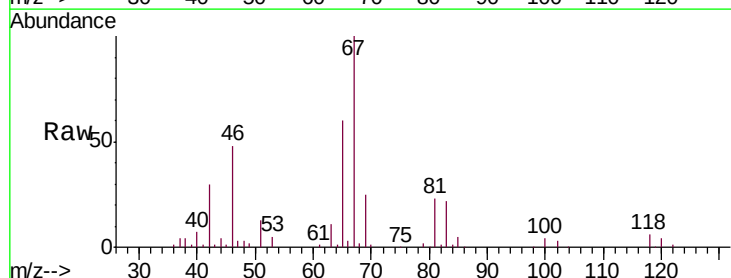
Tgt Ion: 83 Resp: 17643

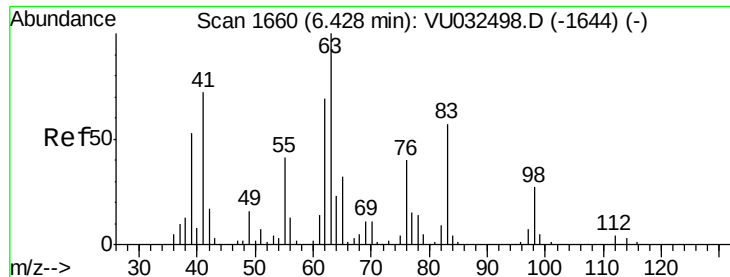
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

98 1.2 37.4 56.2#

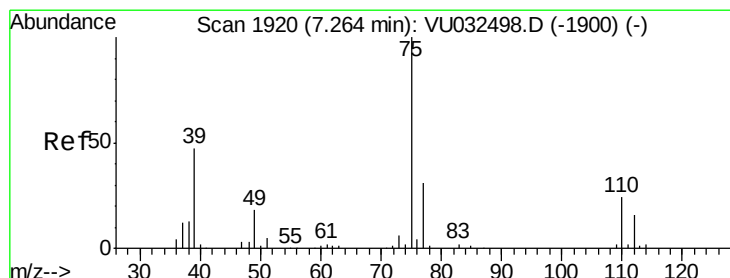
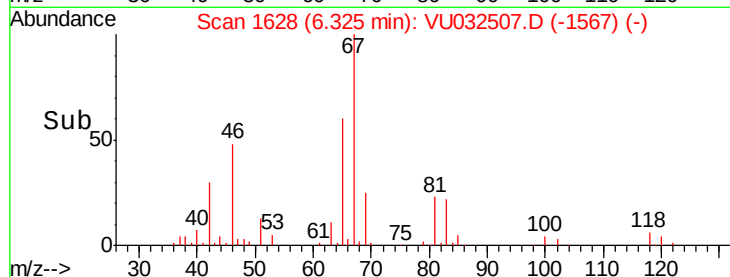
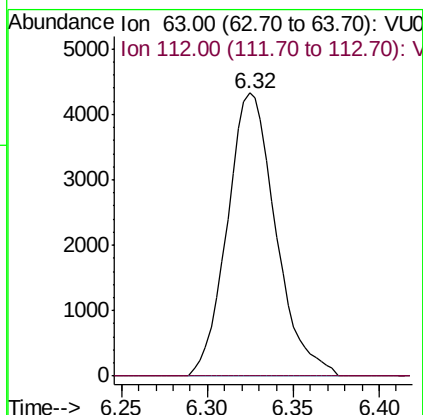
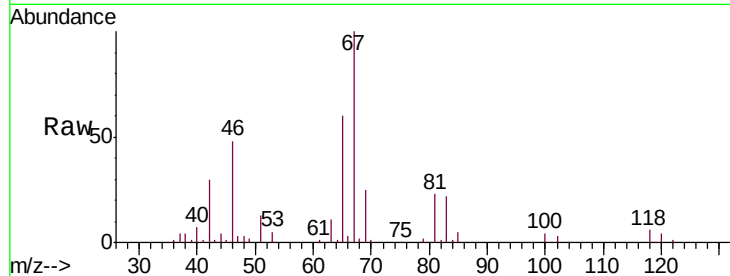




#37
 1,2-Dichloropropane
 Concen: 5.693 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032507.D
 Acq: 06 Jun 2019 19:14

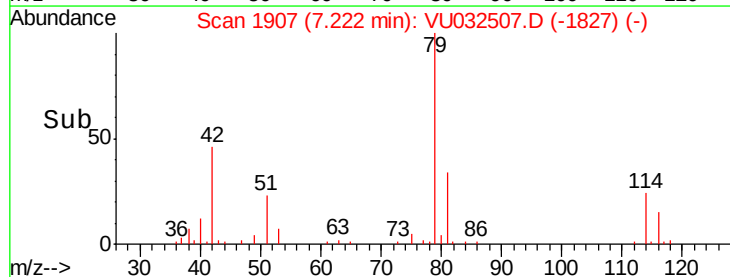
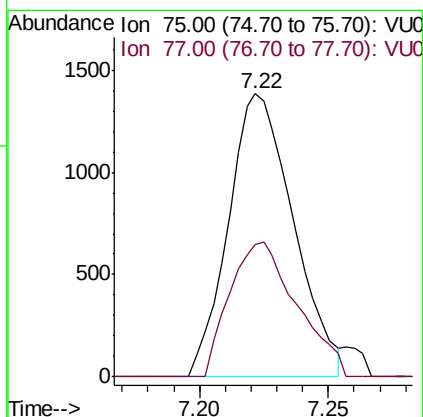
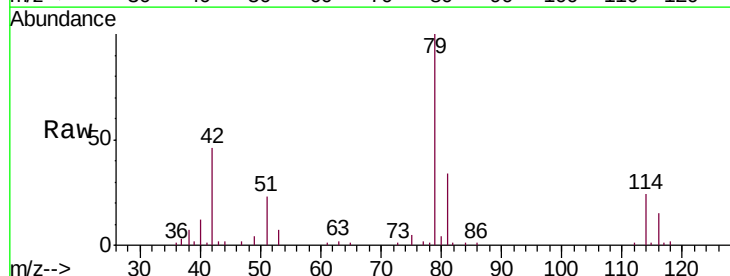
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K8

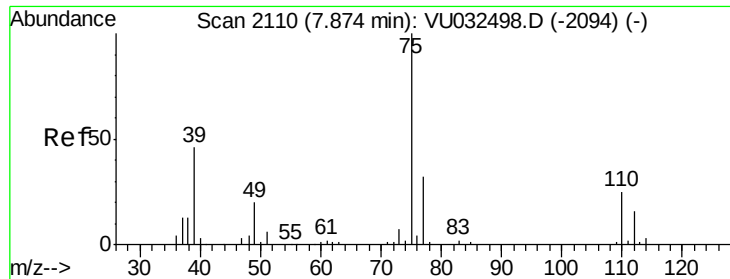
Tgt Ion: 63 Resp: 8512
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.027 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032507.D
 Acq: 06 Jun 2019 19:14

Tgt Ion: 75 Resp: 2422
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.772 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032507.D

Acq: 06 Jun 2019 19:14

Instrument :

MSVOA_U

ClientSampled :

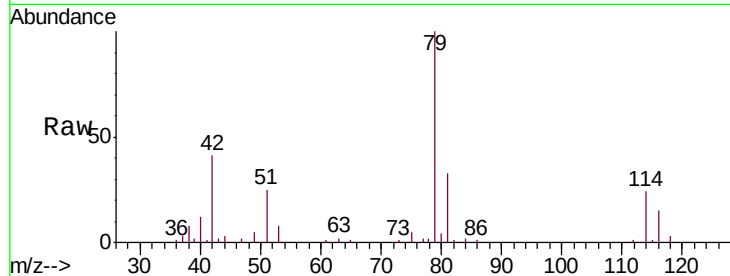
DB8K8

Tgt Ion: 75 Resp: 1616

Ion Ratio Lower Upper

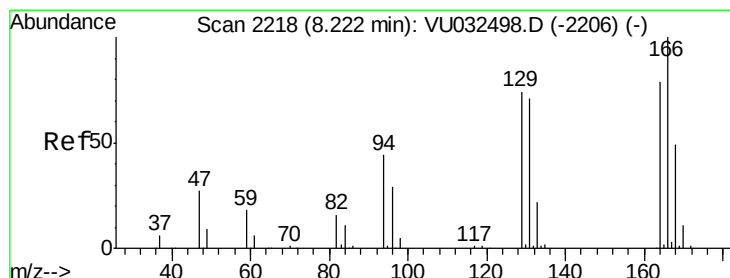
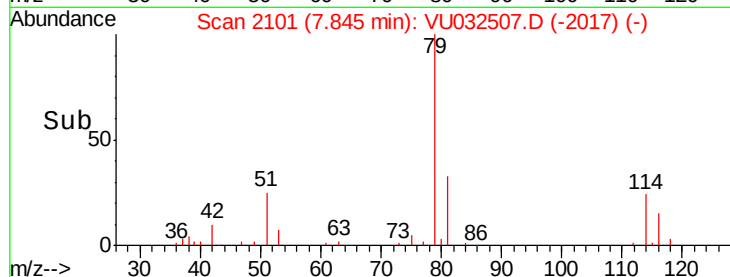
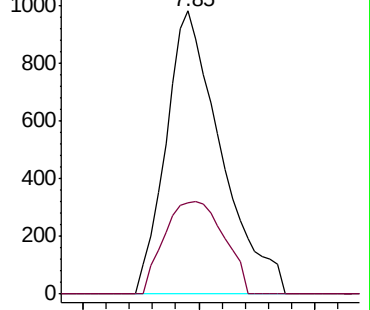
75 100

77 32.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032498.D (-2094) (-)

Ion 77.00 (76.70 to 77.70): VU032498.D (-2094) (-)



#46

Tetrachloroethene

Concen: 0.956 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032507.D

Acq: 06 Jun 2019 19:14

Tgt Ion: 164 Resp: 1211

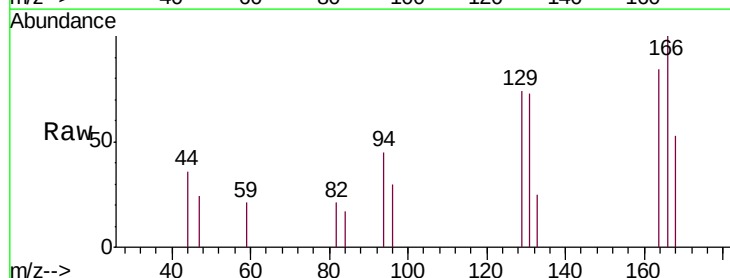
Ion Ratio Lower Upper

164 100

129 88.7 65.3 121.3

131 87.4 64.0 119.0

166 119.2 88.8 165.0

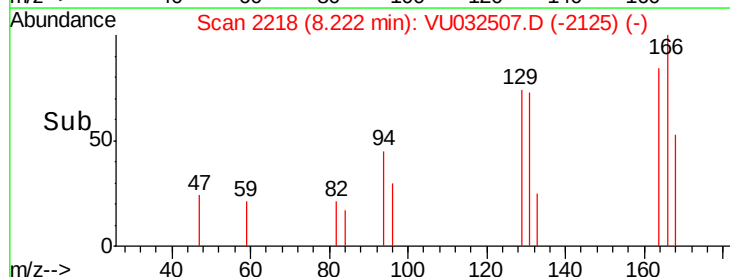
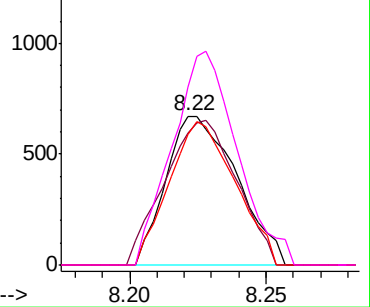


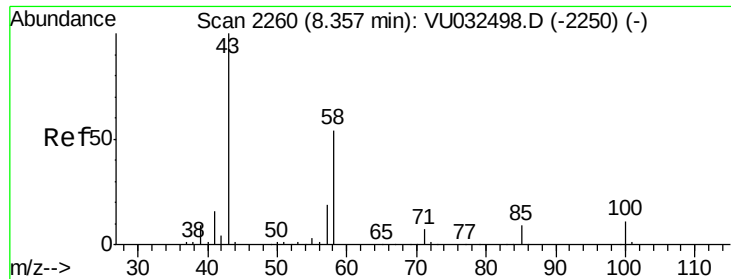
Abundance Ion 164.00 (163.70 to 164.70): VU032498.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU032498.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU032498.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU032498.D (-2206) (-)

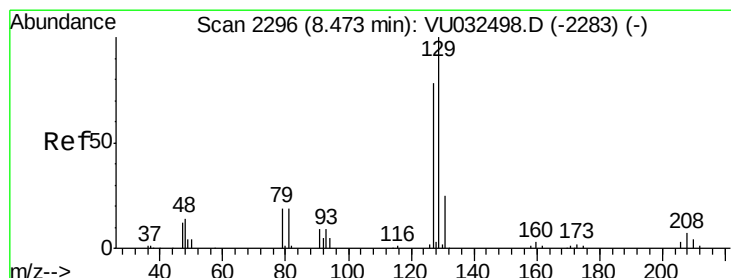
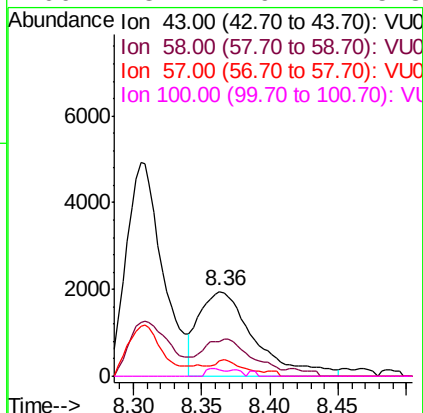
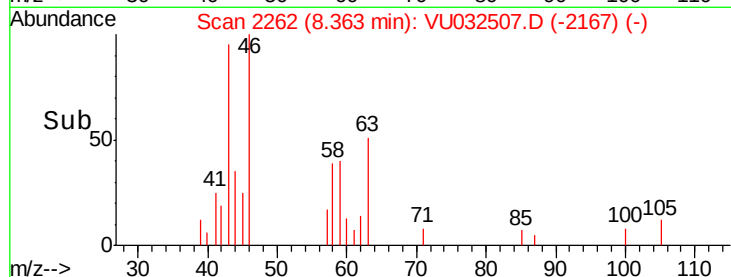
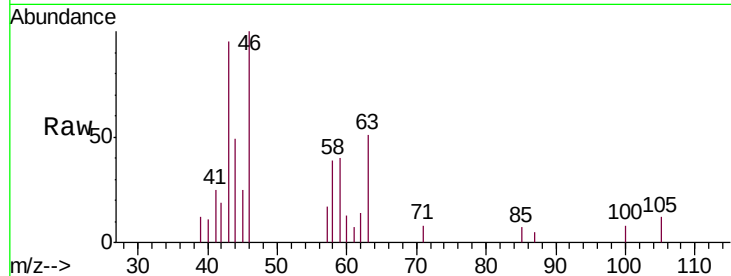




#48
2-Hexanone
Concen: 2.790 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032507.D
Acq: 06 Jun 2019 19:14

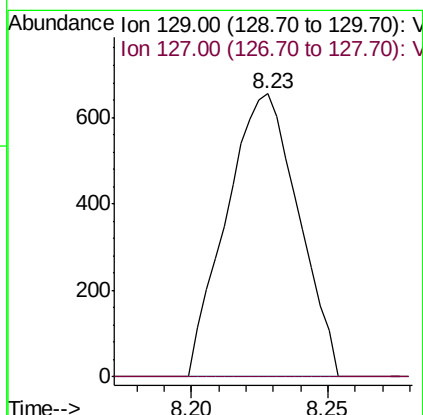
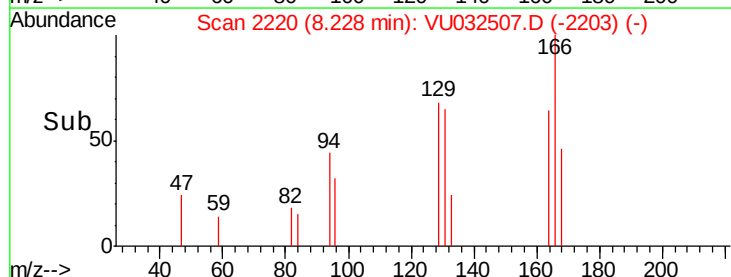
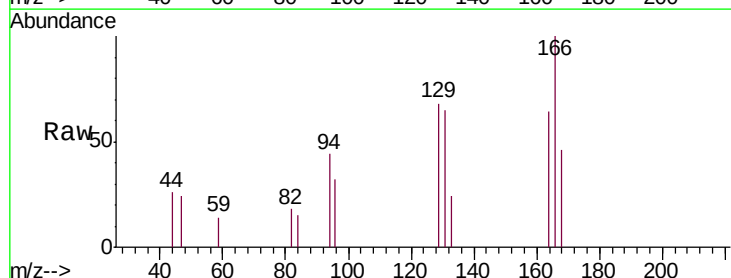
Instrument :
MSVOA_U
ClientSampleId :
DB8K8

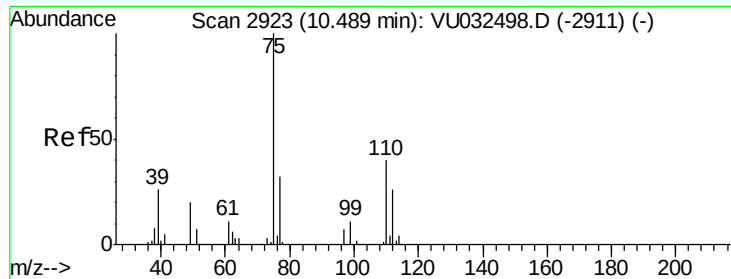
Tgt Ion: 43 Resp: 5512
Ion Ratio Lower Upper
43 100
58 4.0 42.0 63.0#
57 6.5 14.6 22.0#
100 3.1 9.2 13.8#



#49
Dibromochloromethane
Concen: 0.727 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU032507.D
Acq: 06 Jun 2019 19:14

Tgt Ion: 129 Resp: 1195
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#





#59

1,2,3-Trichloropropane

Concen: 6.239 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032507.D

Acq: 06 Jun 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

DB8K8

Tgt Ion: 75 Resp: 12127

Ion Ratio Lower Upper

75 100

77 34.9 25.6 38.4

