

Data File : VU032505.D
Acq On : 06 Jun 2019 18:29
Operator : JC/SP
Sample : K3213-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K6

Quant Time: Jun 07 05:52:31 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	217497	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	201503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102336	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48721	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.06%
7) Chloroethane-d5	1.68	69	45069	39.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.48%
11) 1,1-Dichloroethene-d2	2.27	63	80420	29.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.22%#
21) 2-Butanone-d5	4.17	46	113844	96.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.41%
24) Chloroform-d	4.64	84	116544	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
26) 1,2-Dichloroethane-d4	5.30	65	79276	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
32) Benzene-d6	5.33	84	243854	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
36) 1,2-Dichloropropane-d6	6.32	67	78396	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.58%
41) Toluene-d8	7.56	98	235142	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
43) trans-1,3-Dichloropropene-	7.85	79	36642	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.36%
47) 2-Hexanone-d5	8.31	63	77510	97.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116205	48.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	100020	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%

Target Compounds

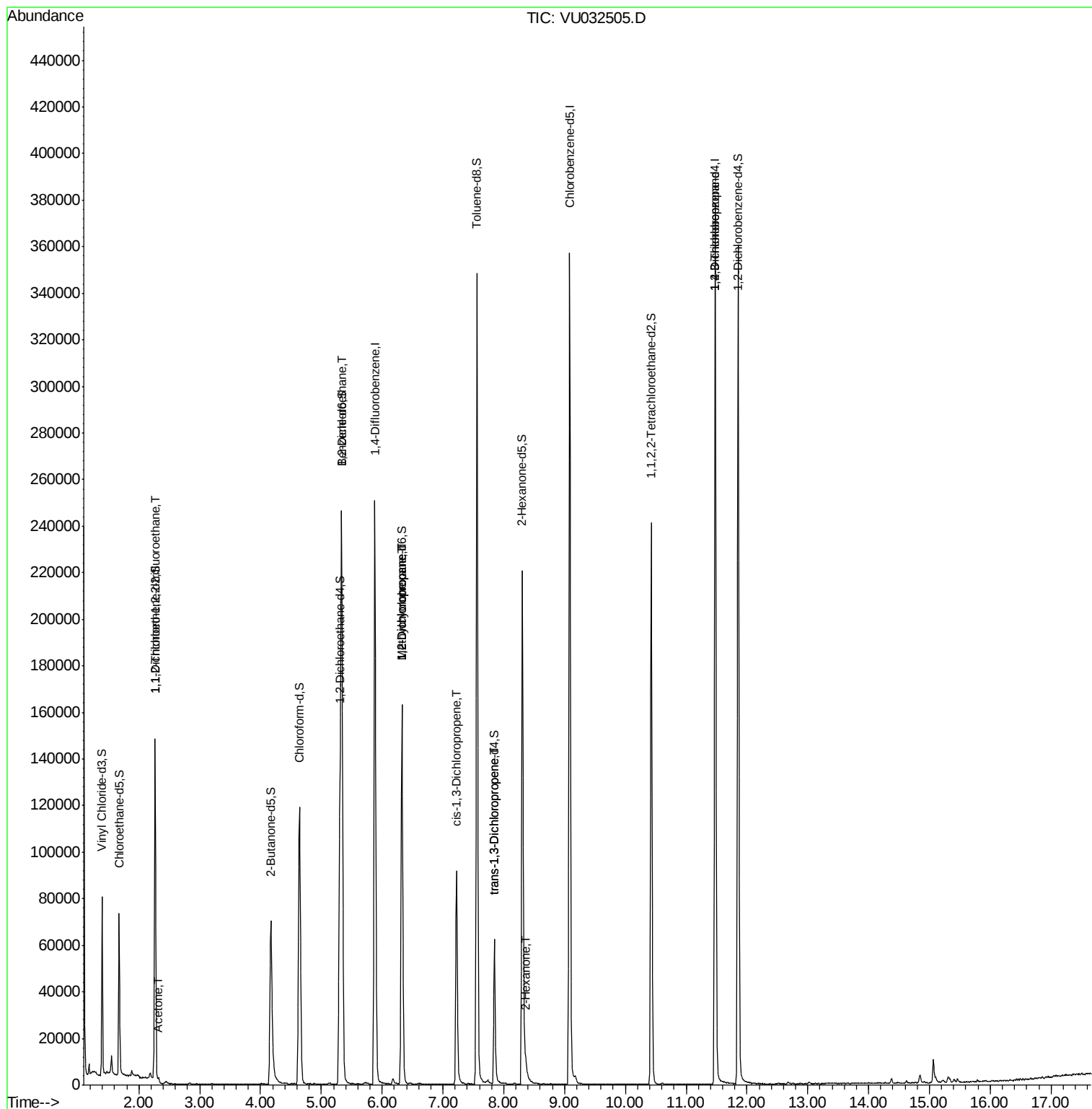
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	815	0.613	ug/L #	18
13) Acetone	2.32	43	1590	1.305	ug/L	84
27) 1,2-Dichloroethane	5.33	62	1280	0.615	ug/L #	75
35) Methylcyclohexane	6.32	83	17901	7.179	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8778	5.849	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2543	1.074	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1572	0.748	ug/L	98
48) 2-Hexanone	8.37	43	3733	1.882	ug/L #	55
59) 1,2,3-Trichloropropane	11.48	75	12168	6.237	ug/L	98

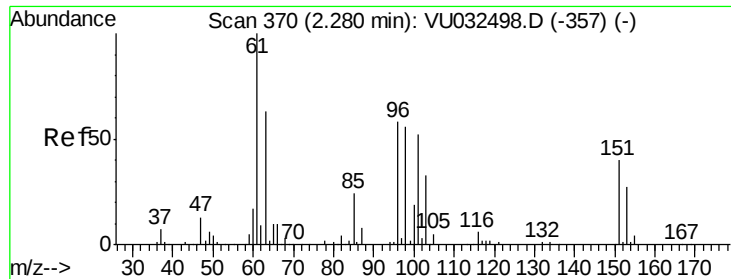
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.613 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032505.D

Acq: 06 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

DB8K6

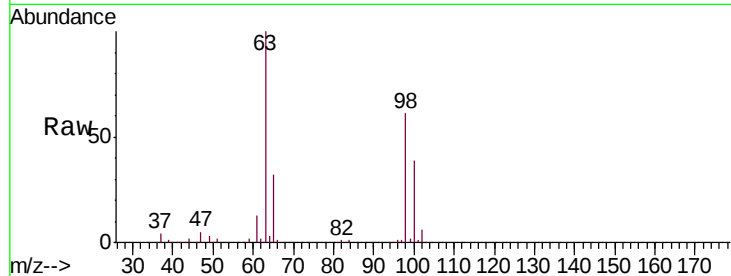
Tgt Ion:101 Resp: 815

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

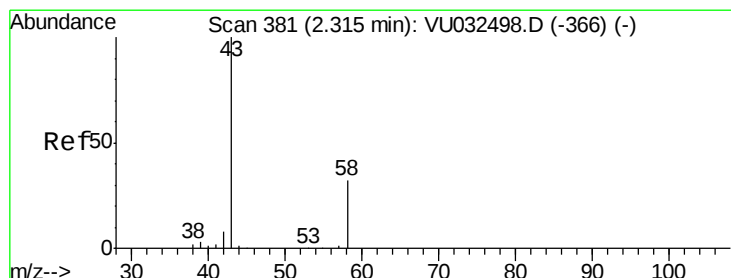
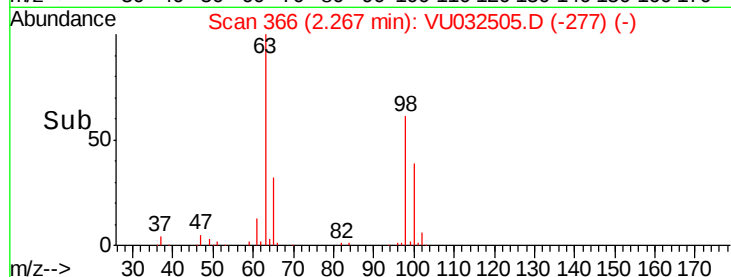
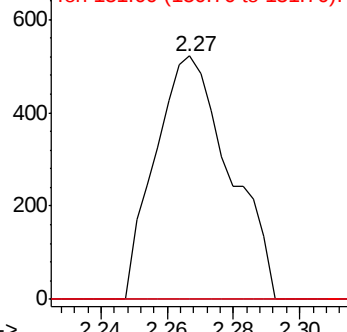
151 0.0 63.0 94.4#



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



#13

Acetone

Concen: 1.305 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032505.D

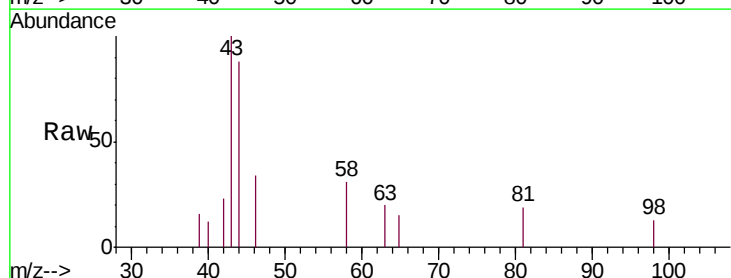
Acq: 06 Jun 2019 18:29

Tgt Ion: 43 Resp: 1590

Ion Ratio Lower Upper

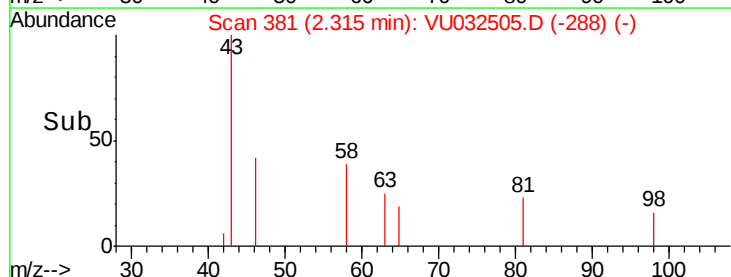
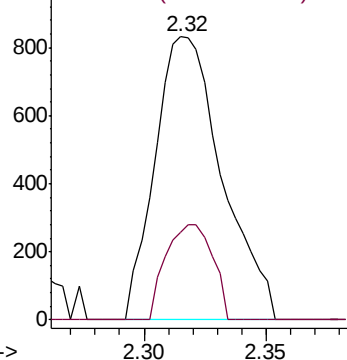
43 100

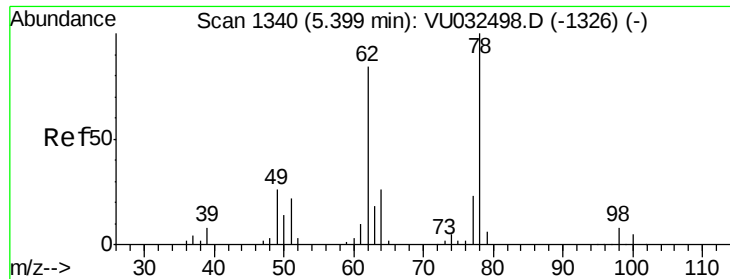
58 23.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

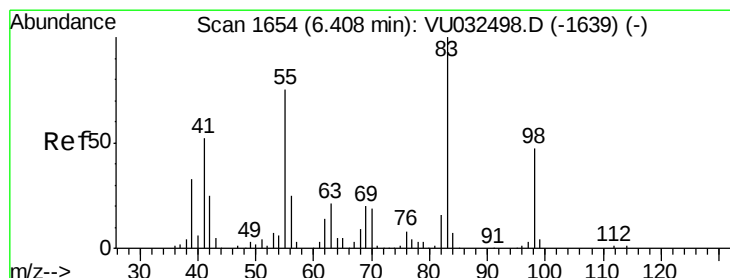
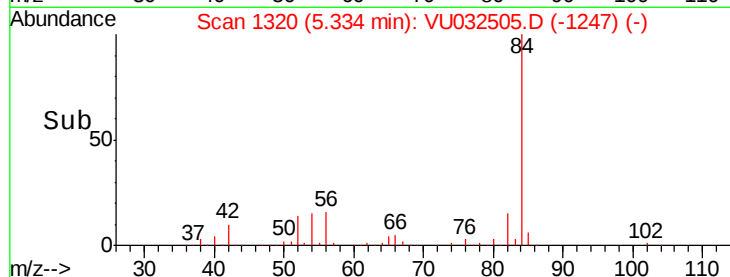
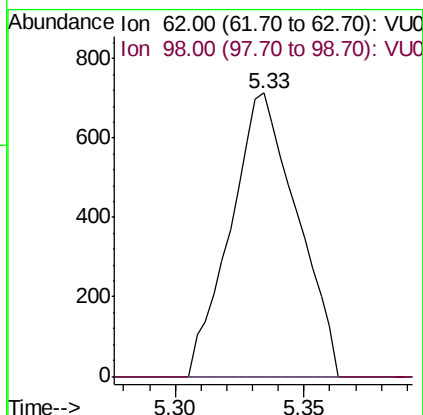
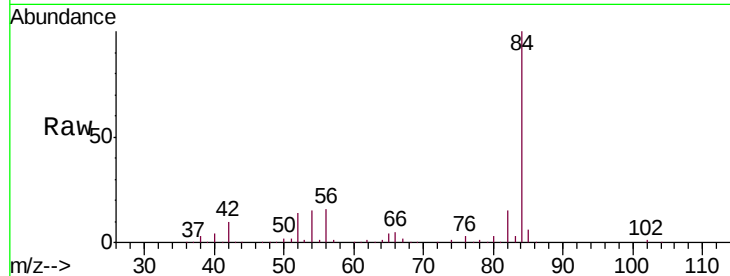




#27
 1,2-Dichloroethane
 Concen: 0.615 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032505.D
 Acq: 06 Jun 2019 18:29

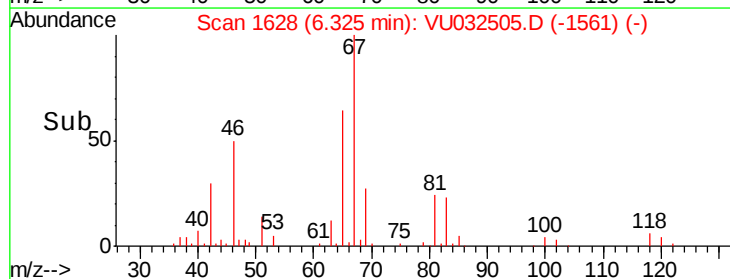
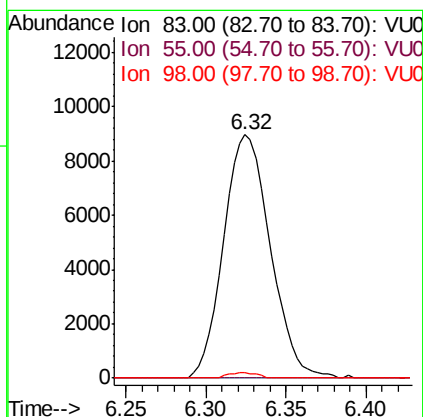
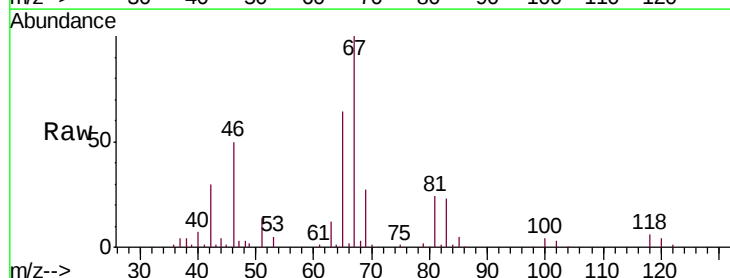
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K6

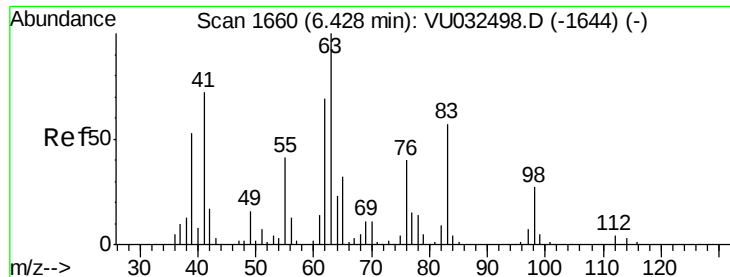
Tgt Ion: 62 Resp: 1280
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Methylcyclohexane
 Concen: 7.179 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032505.D
 Acq: 06 Jun 2019 18:29

Tgt Ion: 83 Resp: 17901
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.2 90.4#
 98 1.3 37.4 56.2#

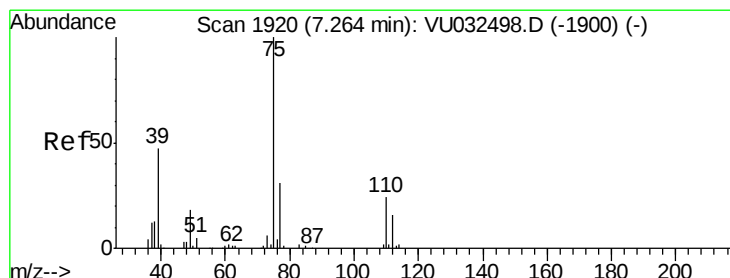
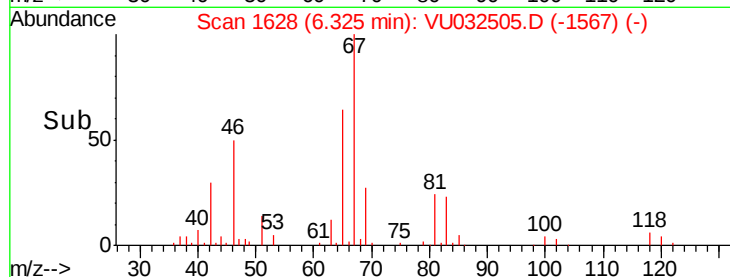
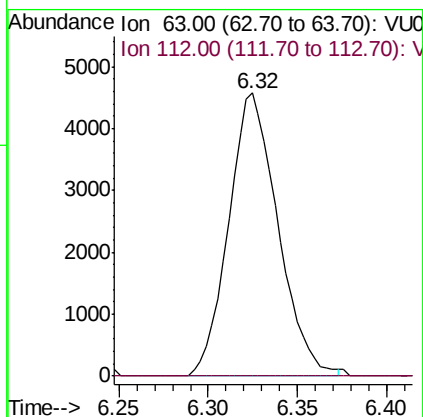
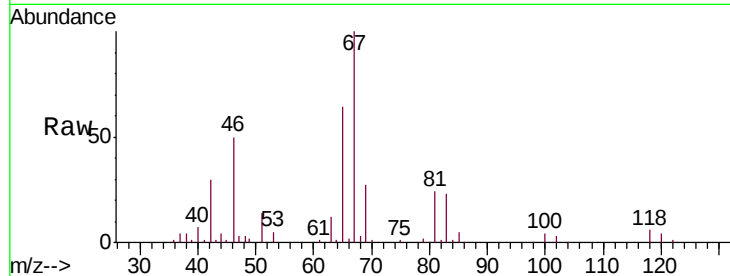




#37
 1,2-Dichloropropane
 Concen: 5.849 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032505.D
 Acq: 06 Jun 2019 18:29

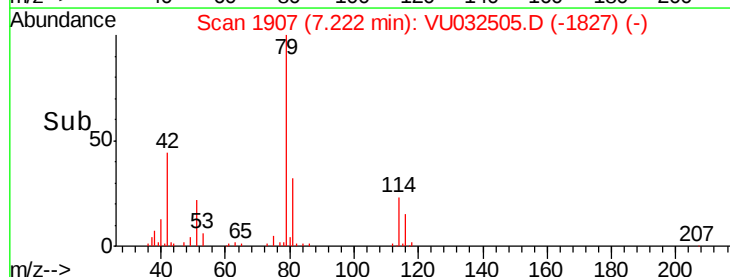
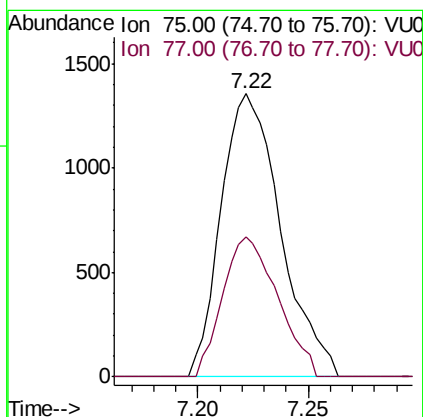
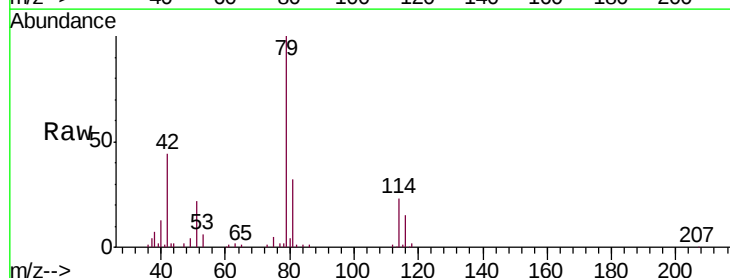
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K6

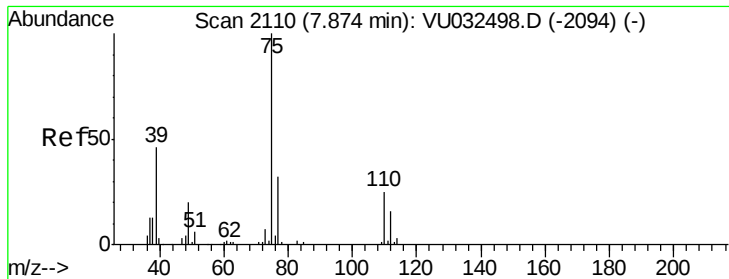
Tgt Ion: 63 Resp: 8778
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.074 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032505.D
 Acq: 06 Jun 2019 18:29

Tgt Ion: 75 Resp: 2543
 Ion Ratio Lower Upper
 75 100
 77 49.3 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032505.D

Acq: 06 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampled :

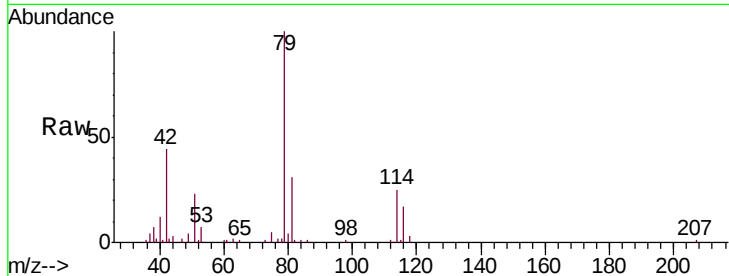
DB8K6

Tgt Ion: 75 Resp: 1572

Ion Ratio Lower Upper

75 100

77 32.6 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) (-)

7.85

1000

800

600

400

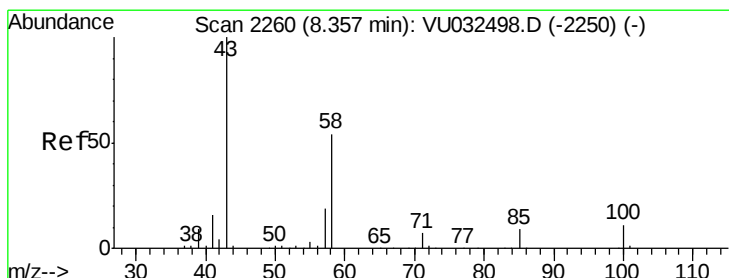
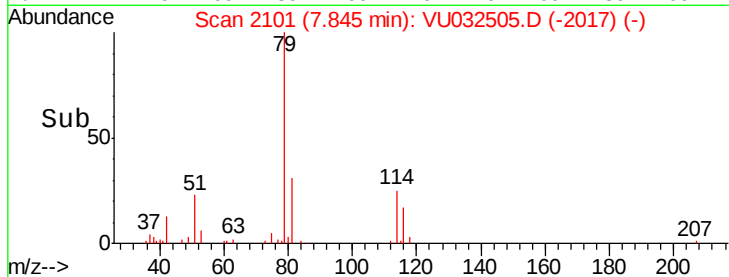
200

0

7.80

7.85

Time-->



#48

2-Hexanone

Concen: 1.882 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU032505.D

Acq: 06 Jun 2019 18:29

Tgt Ion: 43 Resp: 3733

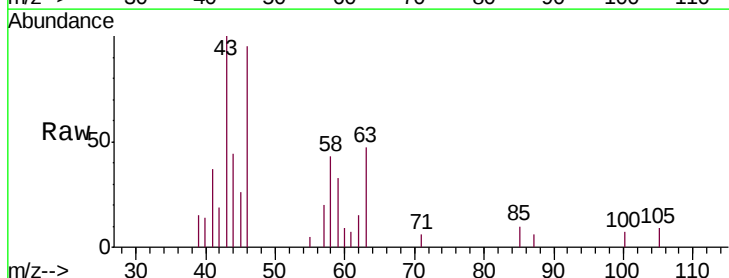
Ion Ratio Lower Upper

43 100

58 7.9 42.0 63.0#

57 20.4 14.6 22.0

100 0.0 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VU032498.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU032498.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU032498.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU032498.D (-2250) (-)

8.37

8000

6000

4000

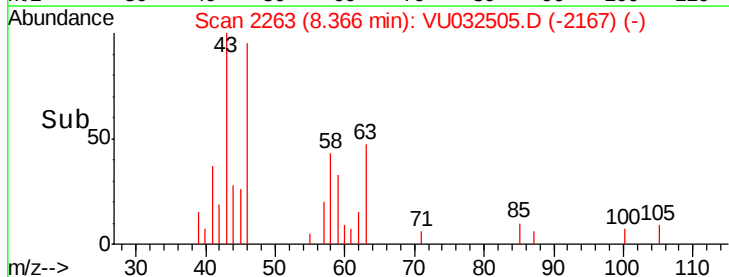
2000

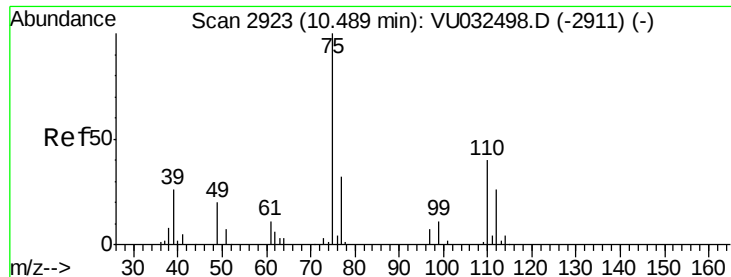
0

8.35

8.40

Time-->





#59
 1,2,3-Trichloropropane
 Concen: 6.237 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032505.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K6

Tgt Ion: 75 Resp: 12168
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4

