

Data File : VU032535.D
Acq On : 07 Jun 2019 11:55
Operator : JC/SP
Sample : K3224-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 07 22:22:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	208345	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193130	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55805	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.56%
7) Chloroethane-d5	1.68	69	47668	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.76%
11) 1,1-Dichloroethene-d2	2.27	63	87009	32.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.76%
21) 2-Butanone-d5	4.17	46	114685	101.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.38%
24) Chloroform-d	4.64	84	114102	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.30	65	76994	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
32) Benzene-d6	5.33	84	236705	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
36) 1,2-Dichloropropane-d6	6.32	67	74975	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.38%
41) Toluene-d8	7.56	98	217585	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%
43) trans-1,3-Dichloropropene-	7.85	79	34387	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.31	63	78540	102.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109539	48.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	92206	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	785	0.617	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	682	0.552	ug/L #	1
13) Acetone	2.32	43	1420	1.217	ug/L	76
35) Methylcyclohexane	6.32	83	17339	7.255	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	8610	5.986	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2412	1.063	ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	1726	0.857	ug/L	98
48) 2-Hexanone	8.37	43	2745	1.444	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	11758	6.288	ug/L #	82

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

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ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

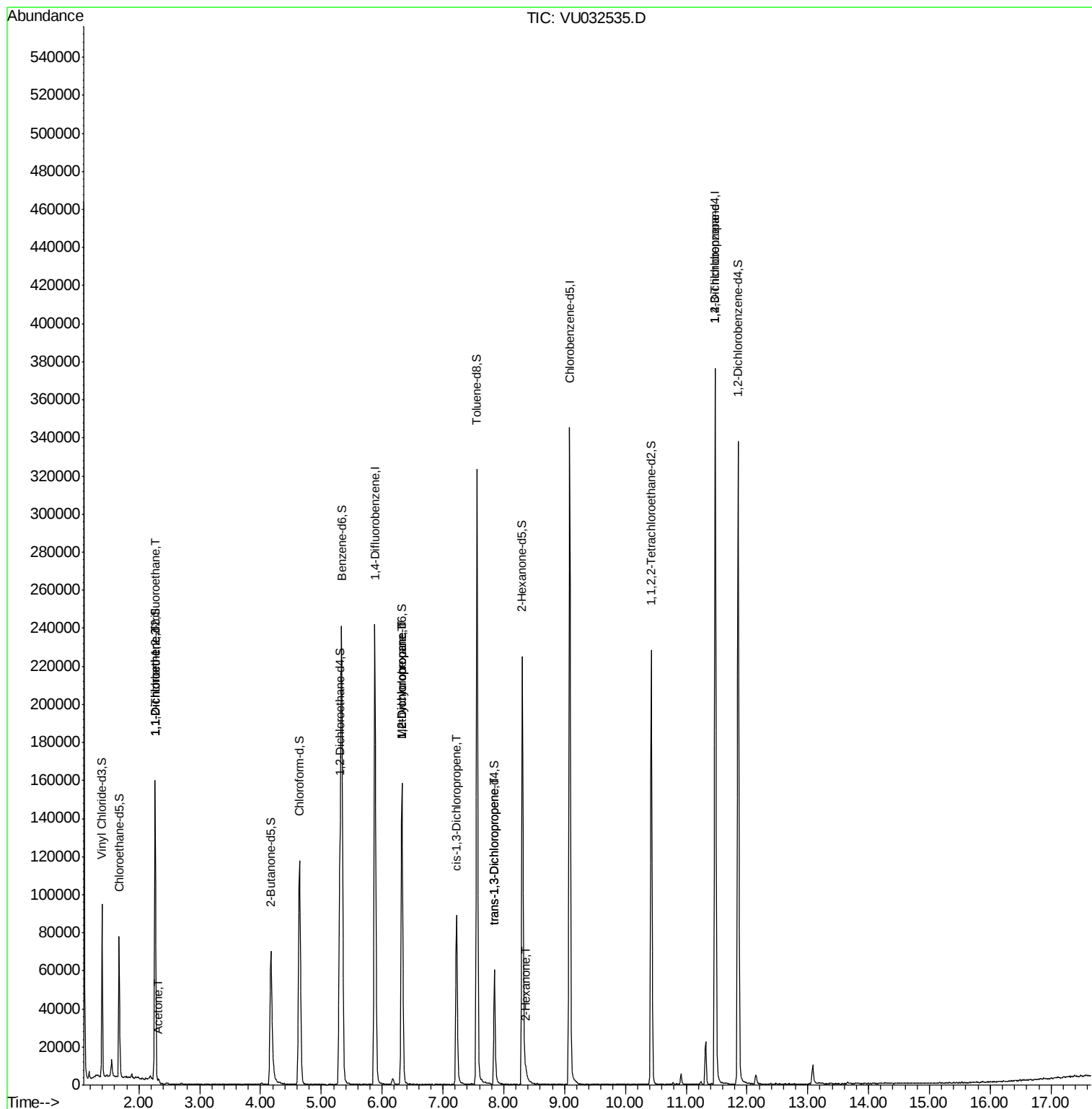
Quant Time: Jun 07 22:22:59 2019

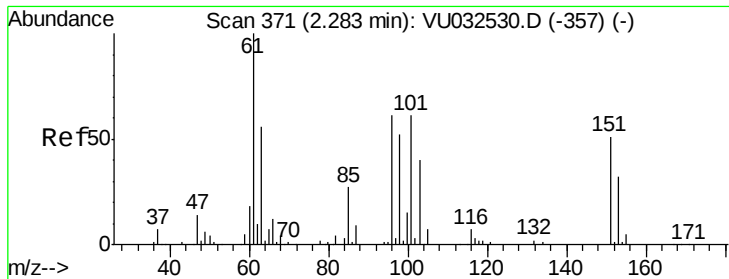
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM060619WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Jun 07 22:19:39 2019

Response via : Initial Calibration





#10

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

Concen: 0.617 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032535.D

Acq: 07 Jun 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

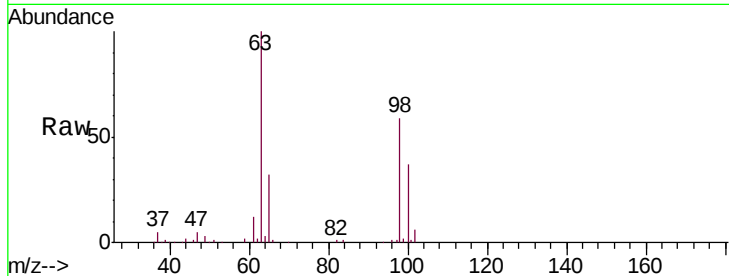
Tgt Ion: 101 Resp: 785

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

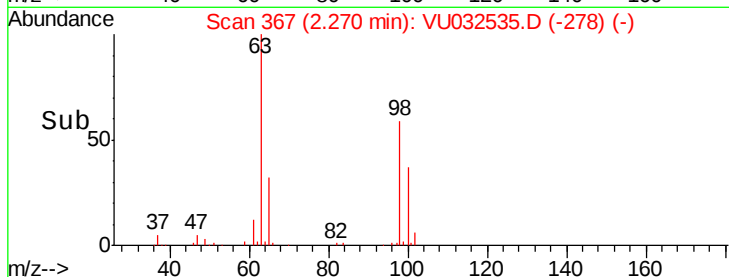
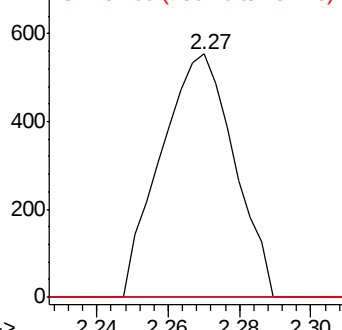
151 0.0 63.0 94.4#



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: 0.552 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032535.D

Acq: 07 Jun 2019 11:55

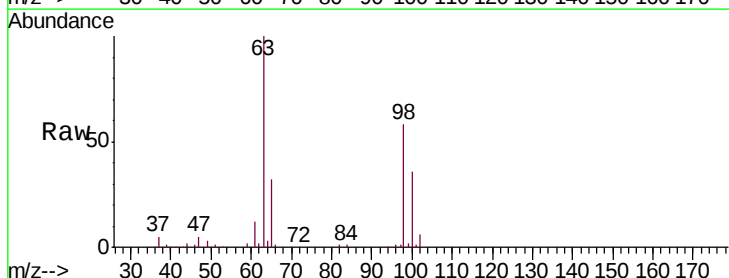
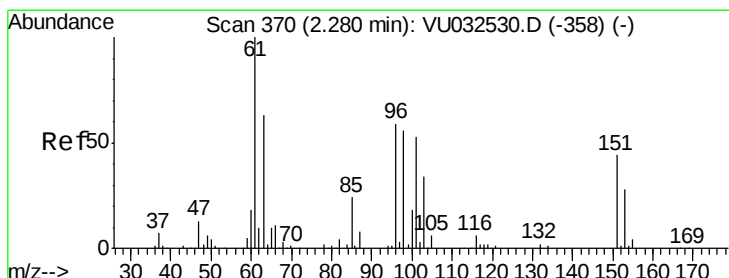
Tgt Ion: 96 Resp: 682

Ion Ratio Lower Upper

96 100

61 1606.3 129.5 240.5#

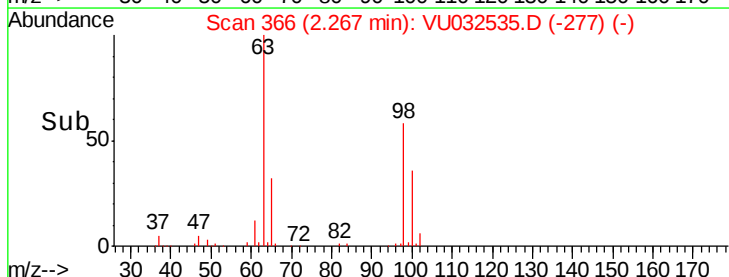
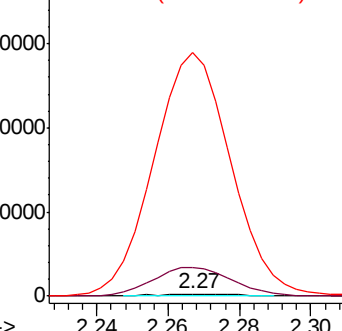
63 13421.8 103.4 192.0#

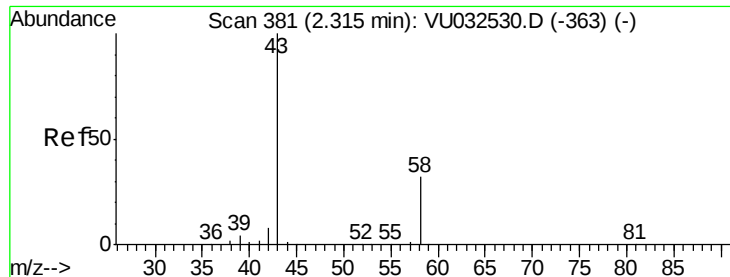


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.217 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032535.D

Acq: 07 Jun 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

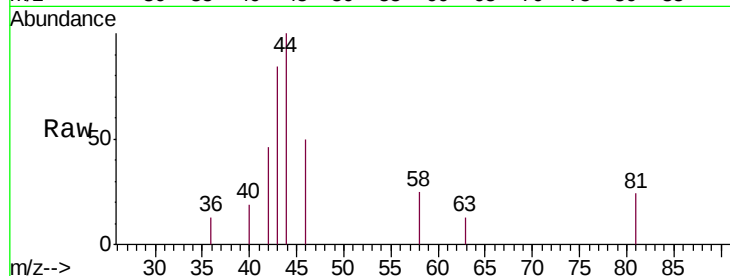
VHBLK01

Tgt Ion: 43 Resp: 1420

Ion Ratio Lower Upper

43 100

58 18.9 0.0 64.0

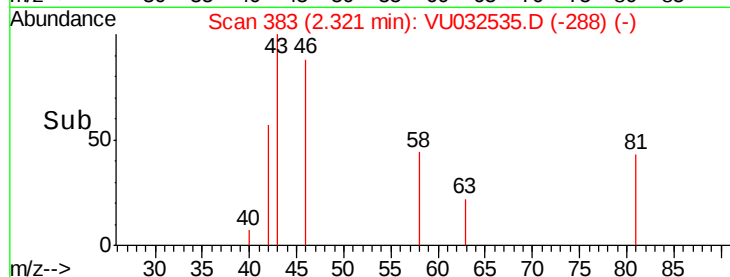


Abundance Ion 43.00 (42.70 to 43.70): VU032535.D (-383) (-)

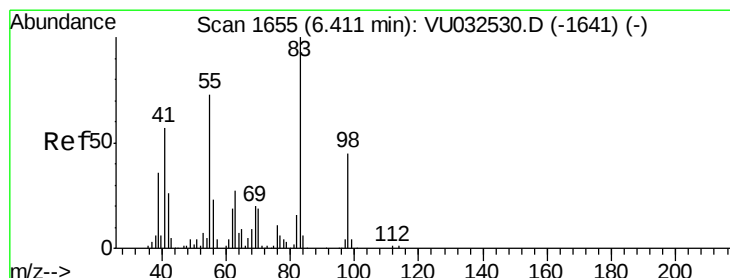
Ion 58.00 (57.70 to 58.70): VU032535.D (-383) (-)

2.32

2.30 2.35



Time-->



#35

Methylcyclohexane

Concen: 7.255 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU032535.D

Acq: 07 Jun 2019 11:55

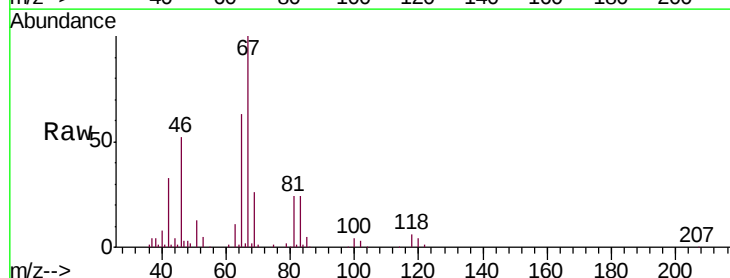
Tgt Ion: 83 Resp: 17339

Ion Ratio Lower Upper

83 100

55 0.4 60.2 90.4#

98 0.9 37.4 56.2#



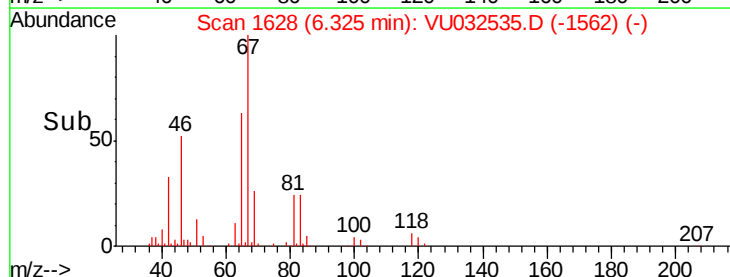
Abundance Ion 83.00 (82.70 to 83.70): VU032535.D (-1628) (-)

Ion 55.00 (54.70 to 55.70): VU032535.D (-1628) (-)

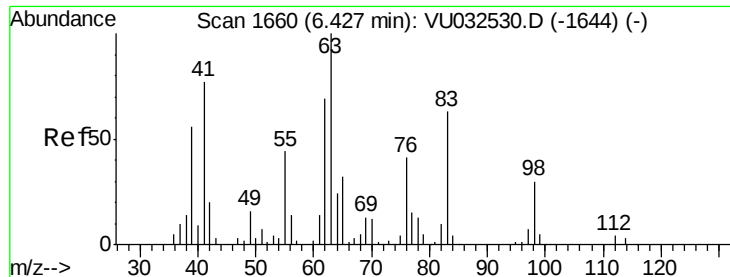
Ion 98.00 (97.70 to 98.70): VU032535.D (-1628) (-)

6.32

6.25 6.30 6.35 6.40



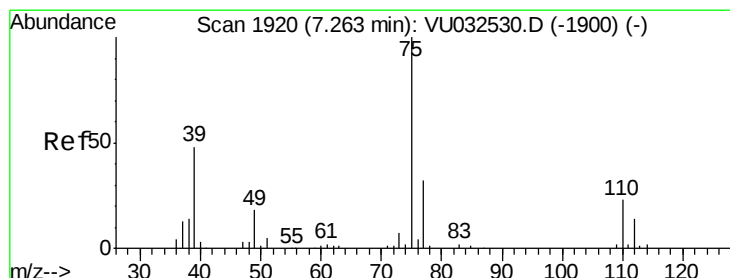
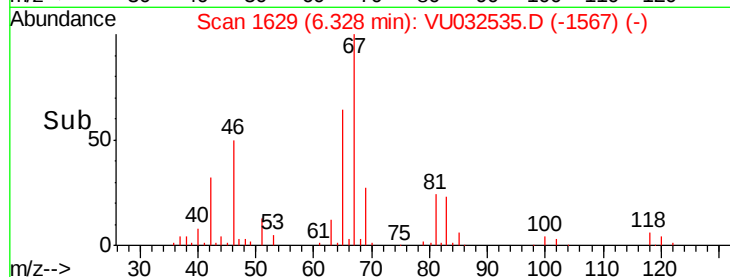
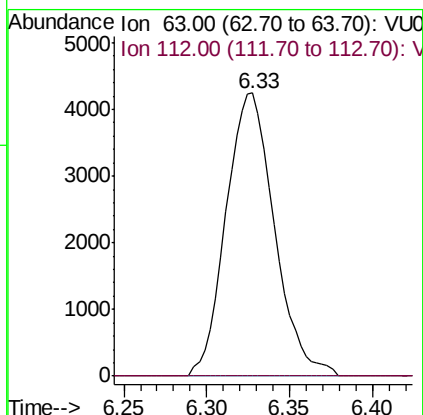
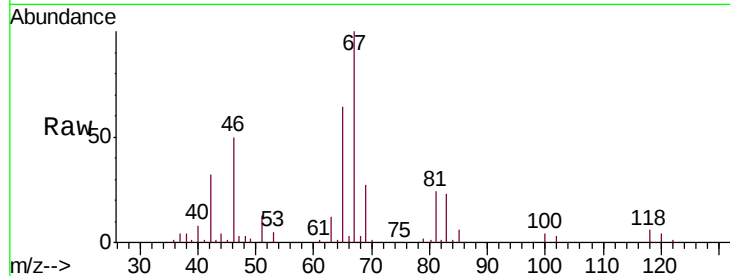
Time-->



#37
 1,2-Dichloropropane
 Concen: 5.986 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032535.D
 Acq: 07 Jun 2019 11:55

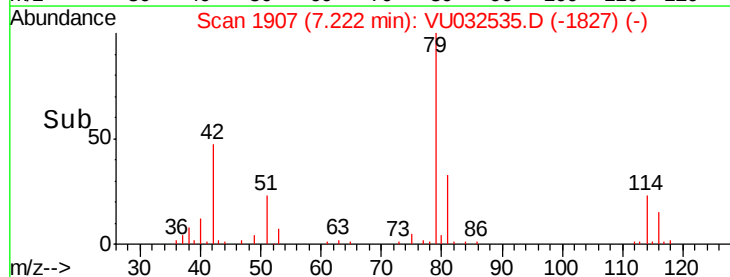
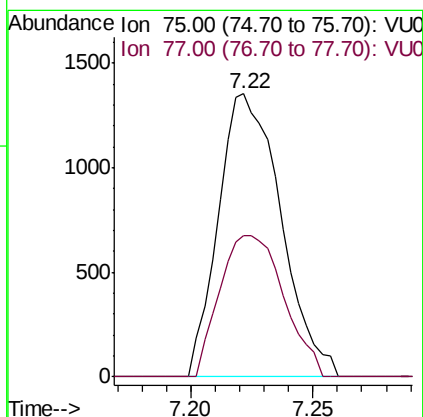
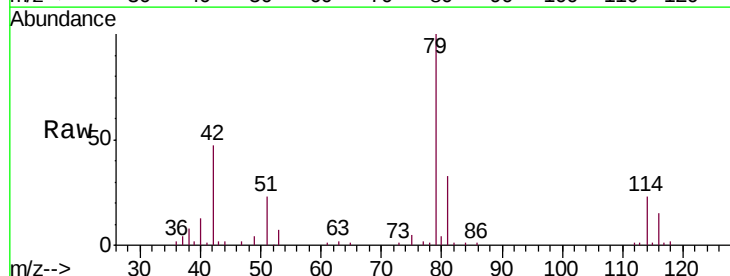
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

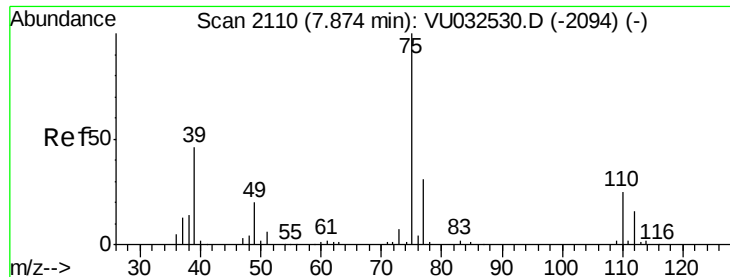
Tgt Ion: 63 Resp: 8610
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.063 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032535.D
 Acq: 07 Jun 2019 11:55

Tgt Ion: 75 Resp: 2412
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.857 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032535.D

Acq: 07 Jun 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

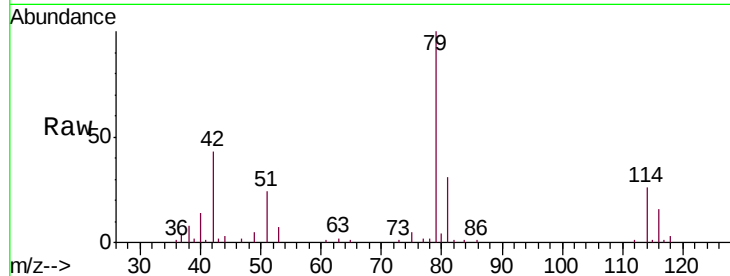
VHBLK01

Tgt Ion: 75 Resp: 1726

Ion Ratio Lower Upper

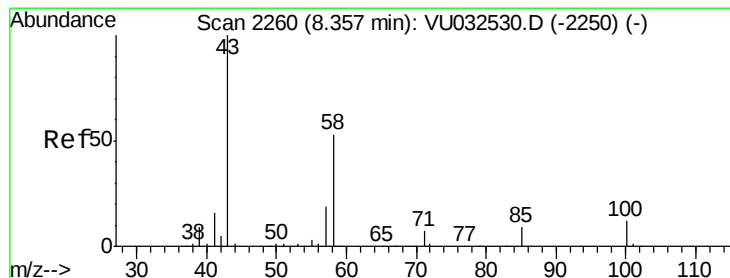
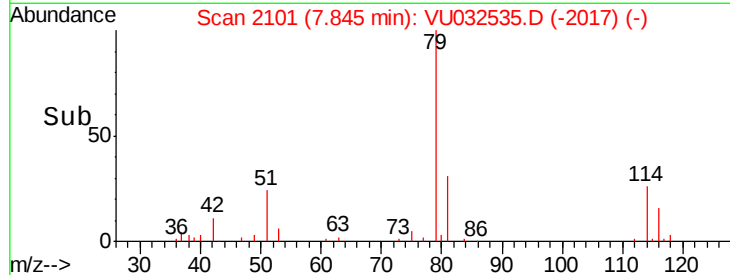
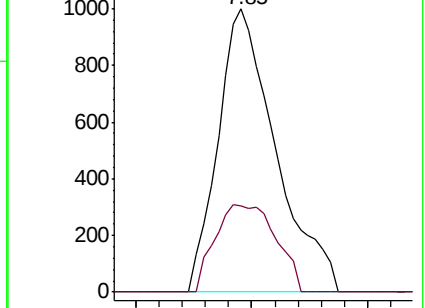
75 100

77 30.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032535.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU032535.D (-2101) (-)



#48

2-Hexanone

Concen: 1.444 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU032535.D

Acq: 07 Jun 2019 11:55

Tgt Ion: 43 Resp: 2745

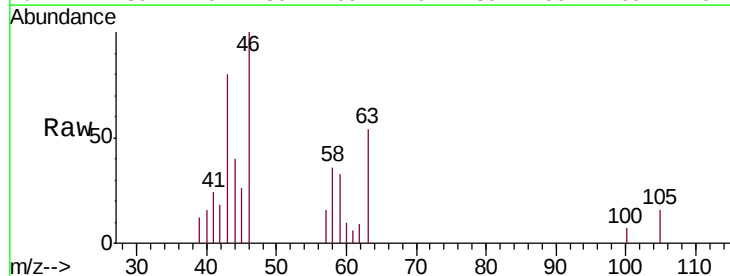
Ion Ratio Lower Upper

43 100

58 37.0 42.0 63.0#

57 12.4 14.6 22.0#

100 2.7 9.2 13.8#

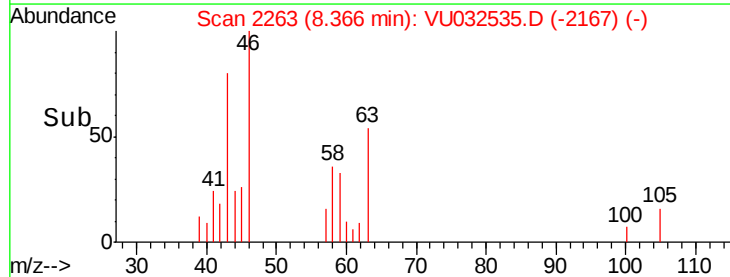
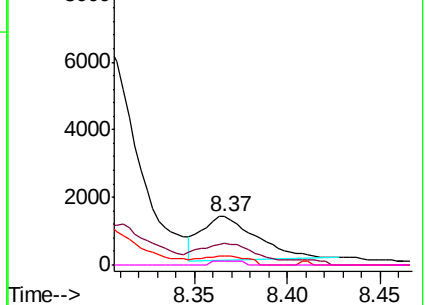


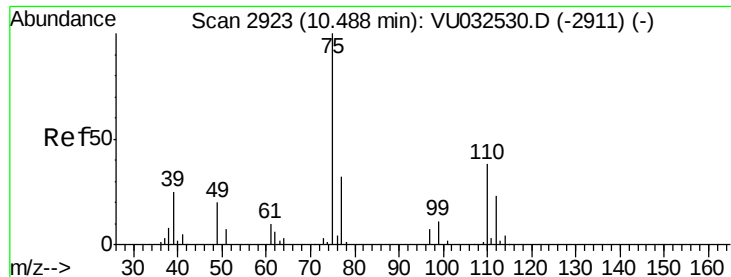
Abundance Ion 43.00 (42.70 to 43.70): VU032535.D (-2263) (-)

Ion 58.00 (57.70 to 58.70): VU032535.D (-2263) (-)

Ion 57.00 (56.70 to 57.70): VU032535.D (-2263) (-)

Ion 100.00 (99.70 to 100.70): VU032535.D (-2263) (-)





#59

1,2,3-Trichloropropane

Concen: 6.288 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032535.D

Acq: 07 Jun 2019 11:55

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 11758

Ion Ratio Lower Upper

75 100

77 42.2 25.6 38.4#

