

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
 Data File : VU032550.D
 Acq On : 08 Jun 2019 18:34
 Operator : JC/SP
 Sample : K3276-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 08 23:16:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 23:12:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207482	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	194338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98771	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	71571	53.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.34%
7) Chloroethane-d5	1.68	69	56149	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.82%
11) 1,1-Dichloroethene-d2	2.27	63	101878	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.30%
21) 2-Butanone-d5	4.17	46	114150	101.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.33%
24) Chloroform-d	4.64	84	123452	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
26) 1,2-Dichloroethane-d4	5.30	65	80720	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
32) Benzene-d6	5.33	84	261452	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
36) 1,2-Dichloropropane-d6	6.32	67	81540	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.56	98	242553	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.85	79	36934	48.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.56%
47) 2-Hexanone-d5	8.31	63	72480	94.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112716	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	98903	52.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.56%

Target Compounds

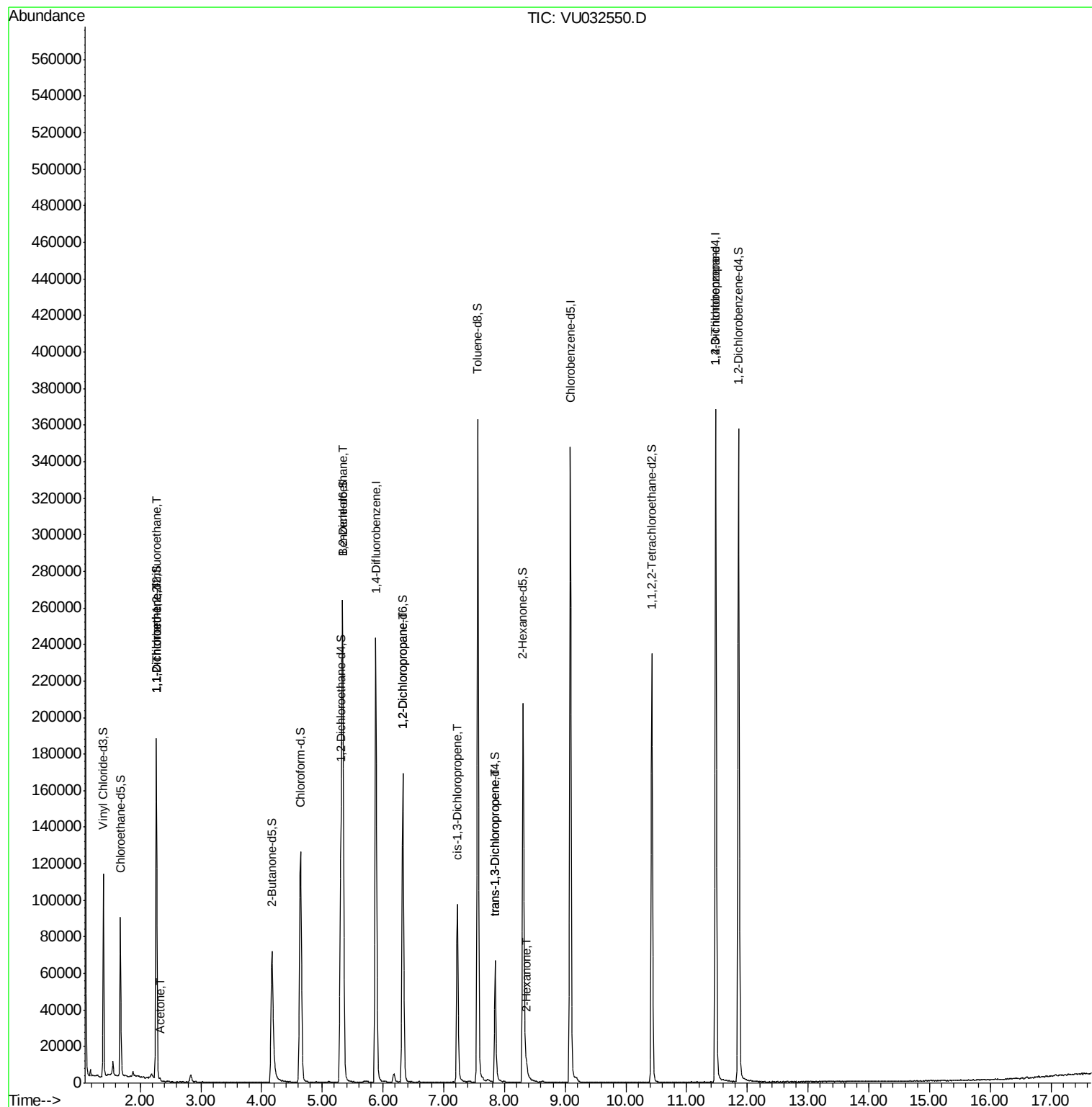
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	915	0.722 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	865	0.703 ug/L #	1
13) Acetone	2.32	43	613	0.527 ug/L #	43
27) 1,2-Dichloroethane	5.33	62	1367	0.689 ug/L #	75
37) 1,2-Dichloropropane	6.32	63	9132	6.309 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2581	1.130 ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	1770	0.873 ug/L #	82
48) 2-Hexanone	8.36	43	5237	2.738 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	11449	6.085 ug/L	91

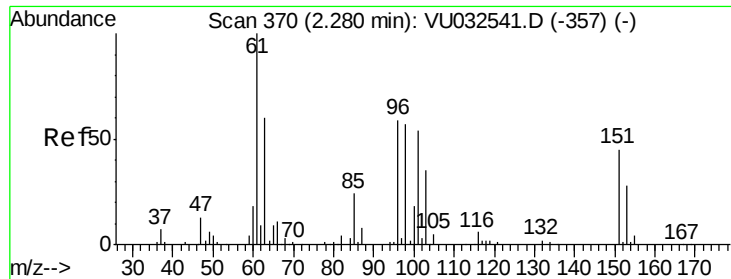
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 23:12:44 2019
Response via : Initial Calibration





#10

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

Concen: 0.722 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032550.D

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Instrument :

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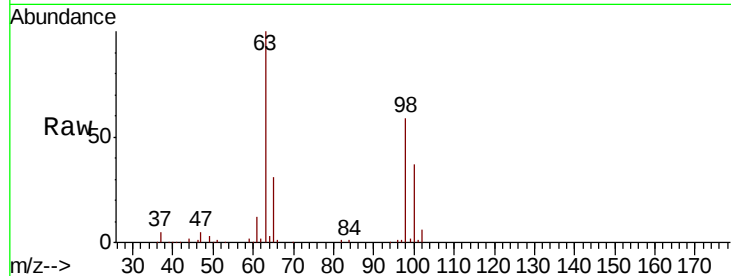
Tgt Ion: 101 Resp: 915

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

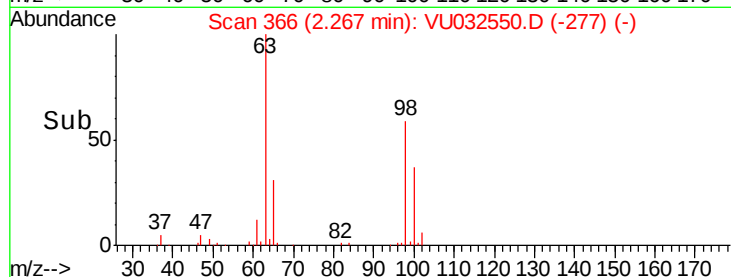
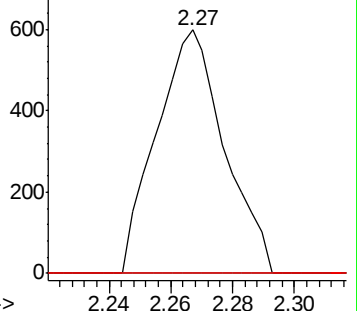
151 0.0 63.0 94.4#



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: 0.703 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032550.D

Acq: 08 Jun 2019 18:34

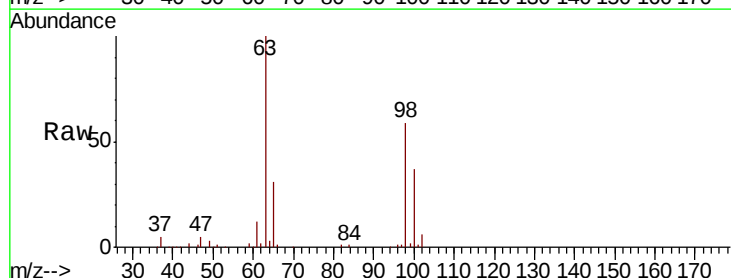
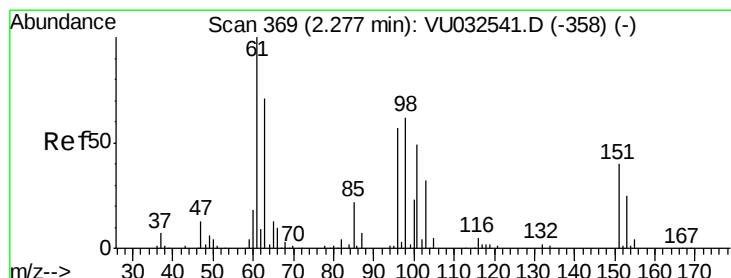
Tgt Ion: 96 Resp: 865

Ion Ratio Lower Upper

96 100

61 1425.3 129.5 240.5#

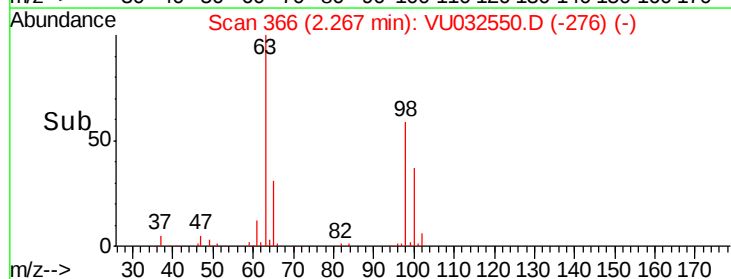
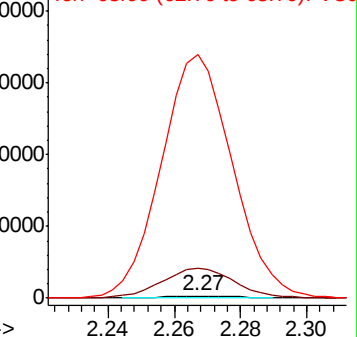
63 11549.7 103.4 192.0#

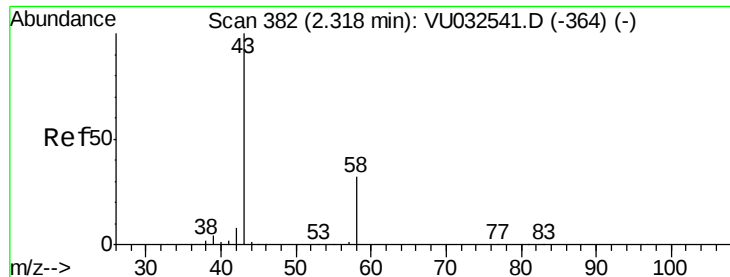


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.527 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032550.D

Acq: 08 Jun 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

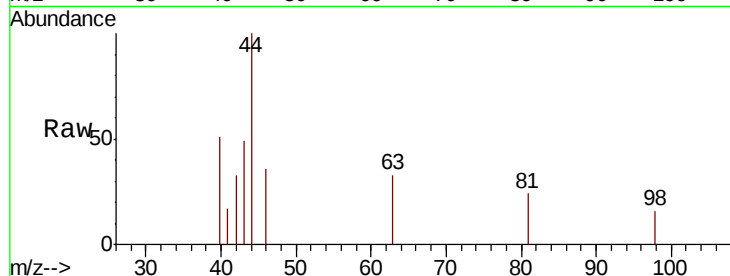
VHBLK01

Tgt Ion: 43 Resp: 613

Ion Ratio Lower Upper

43 100

58 0.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032550.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU032550.D (-289) (-)

2.32

300

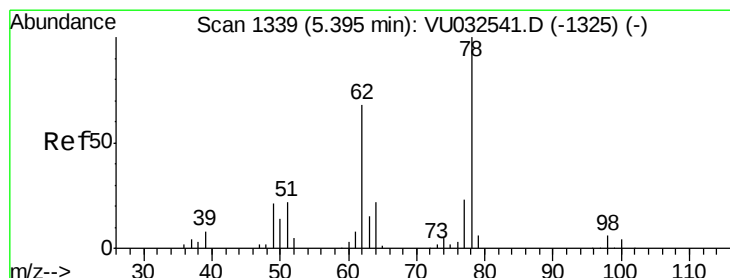
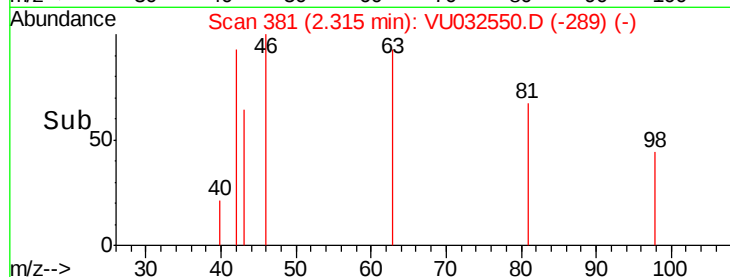
200

100

0

2.30 2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.689 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032550.D

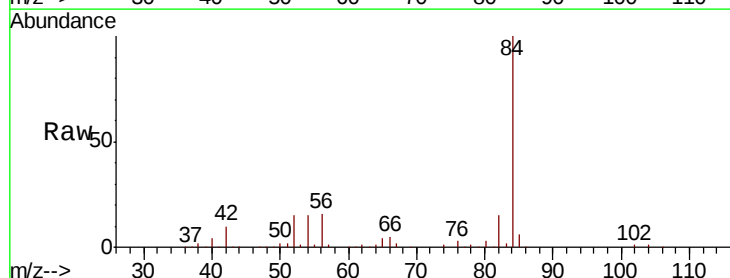
Acq: 08 Jun 2019 18:34

Tgt Ion: 62 Resp: 1367

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032550.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VU032550.D (-1246) (-)

5.33

800

600

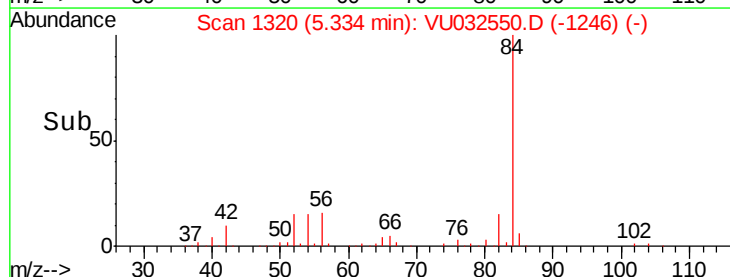
400

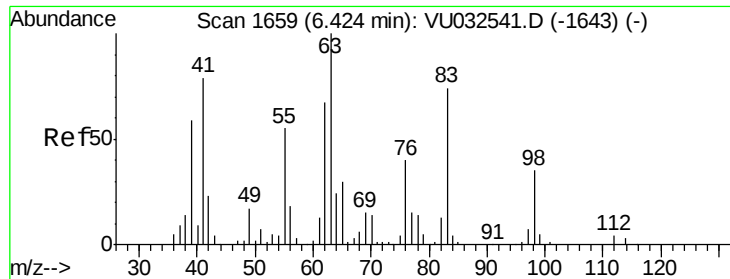
200

0

5.30 5.35

Time-->

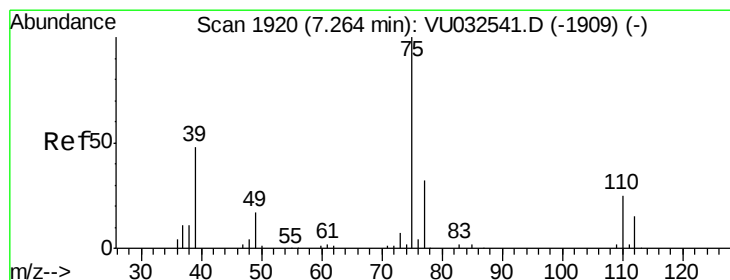
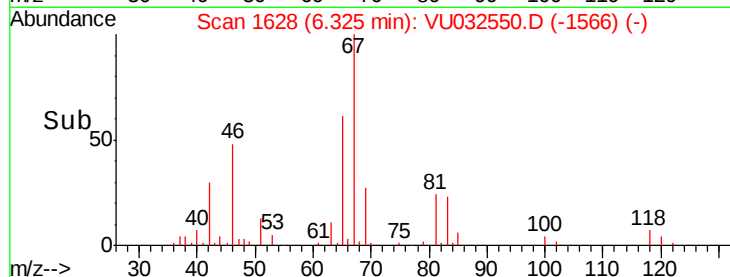
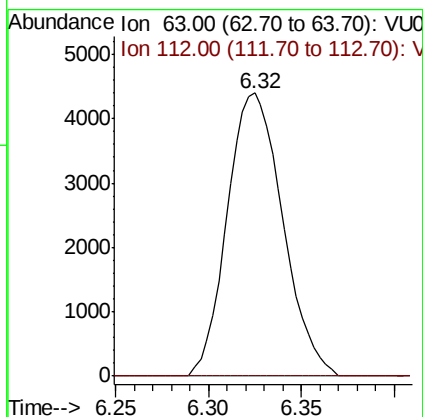
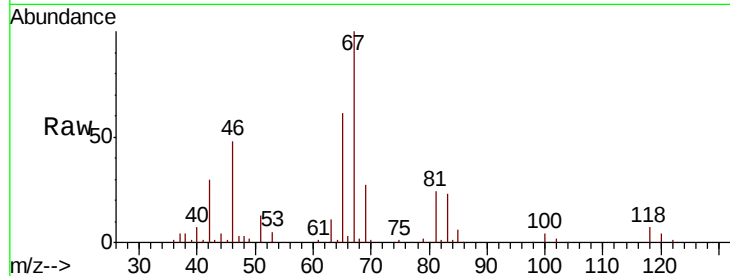




#37
 1,2-Dichloropropane
 Concen: 6.309 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032550.D
 Acq: 08 Jun 2019 18:34

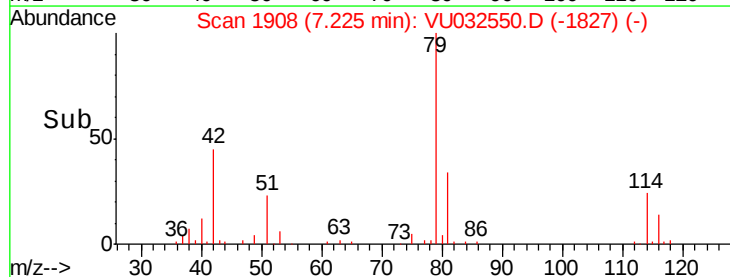
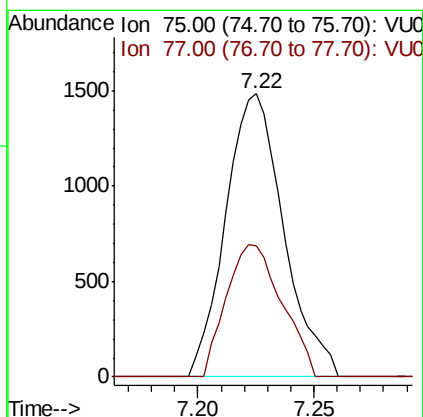
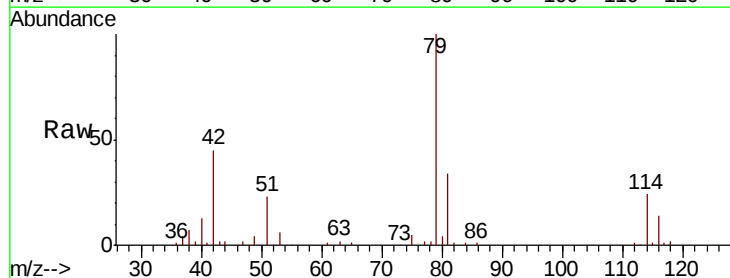
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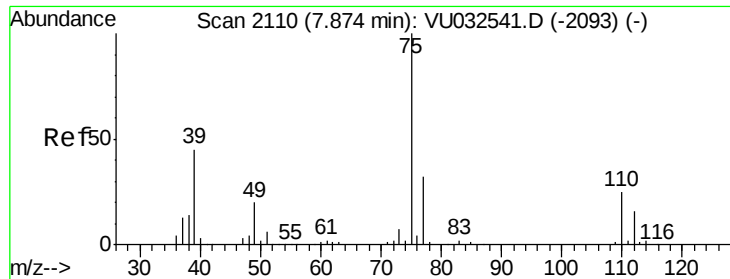
Tgt Ion: 63 Resp: 9132
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.130 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032550.D
 Acq: 08 Jun 2019 18:34

Tgt Ion: 75 Resp: 2581
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.0 41.0#

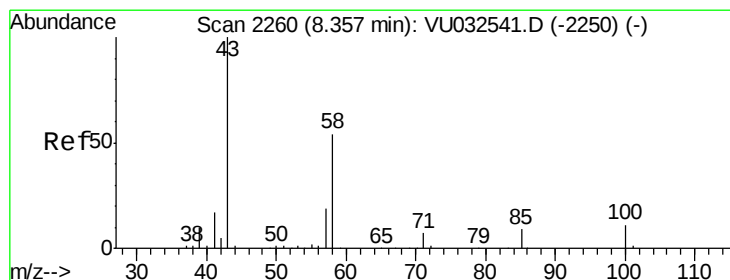
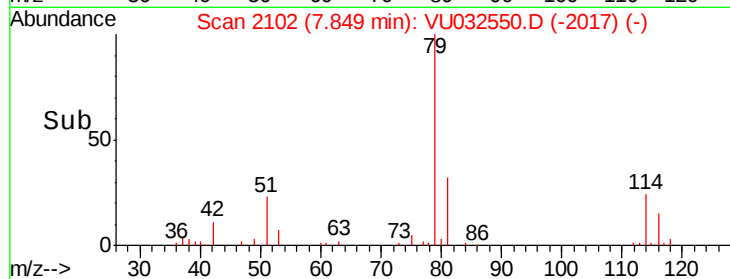
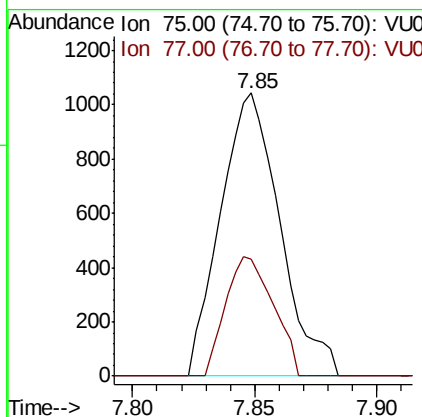
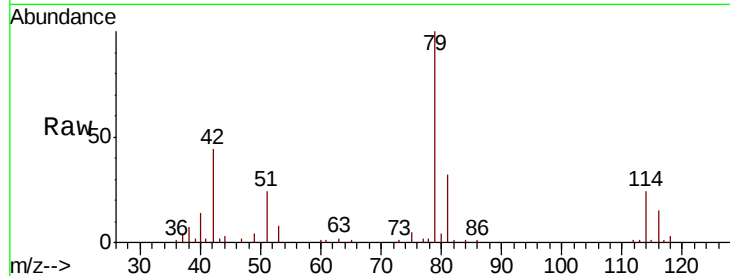




#44
 trans-1,3-Dichloropropene
 Concen: 0.873 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032550.D
 Acq: 08 Jun 2019 18:34

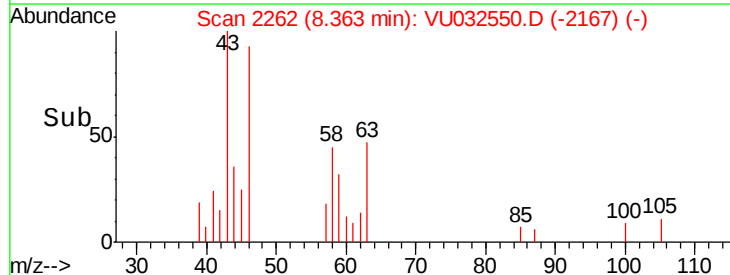
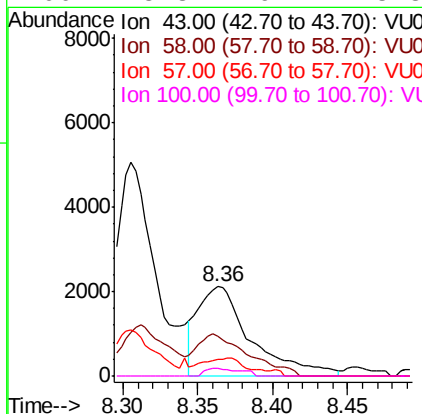
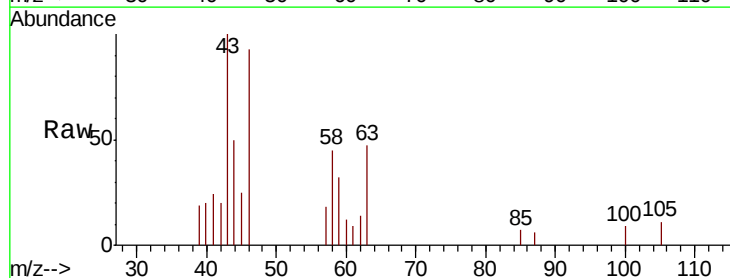
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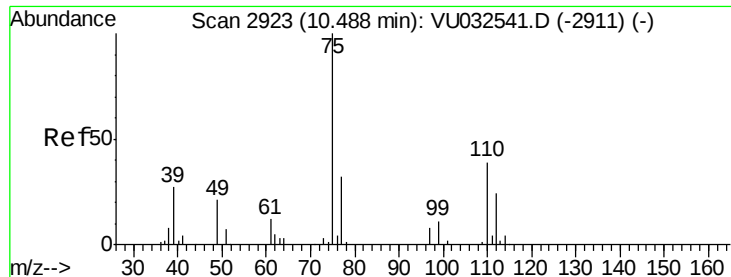
Tgt Ion: 75 Resp: 1770
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.1 41.1#



#48
 2-Hexanone
 Concen: 2.738 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU032550.D
 Acq: 08 Jun 2019 18:34

Tgt Ion: 43 Resp: 5237
 Ion Ratio Lower Upper
 43 100
 58 33.8 42.0 63.0#
 57 11.0 14.6 22.0#
 100 5.3 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 6.085 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032550.D

Acq: 08 Jun 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 11449

Ion Ratio Lower Upper

75 100

77 36.8 25.6 38.4

