

Data File : VU032599.D
Acq On : 11 Jun 2019 11:04
Operator : JC/SP
Sample : K3277-16DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8C1DL

Quant Time: Jun 12 05:34:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	179639	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166854	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51358	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.14%
7) Chloroethane-d5	1.68	69	43189	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.27	63	79172	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.38%
21) 2-Butanone-d5	4.17	46	105436	108.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.10%
24) Chloroform-d	4.64	84	106038	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	5.30	65	70983	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
32) Benzene-d6	5.33	84	213509	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.32	67	68939	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.52%
41) Toluene-d8	7.56	98	195298	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.85	79	32456	49.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.86%
47) 2-Hexanone-d5	8.31	63	63189	95.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96895	49.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	84732	51.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.48%

Target Compounds

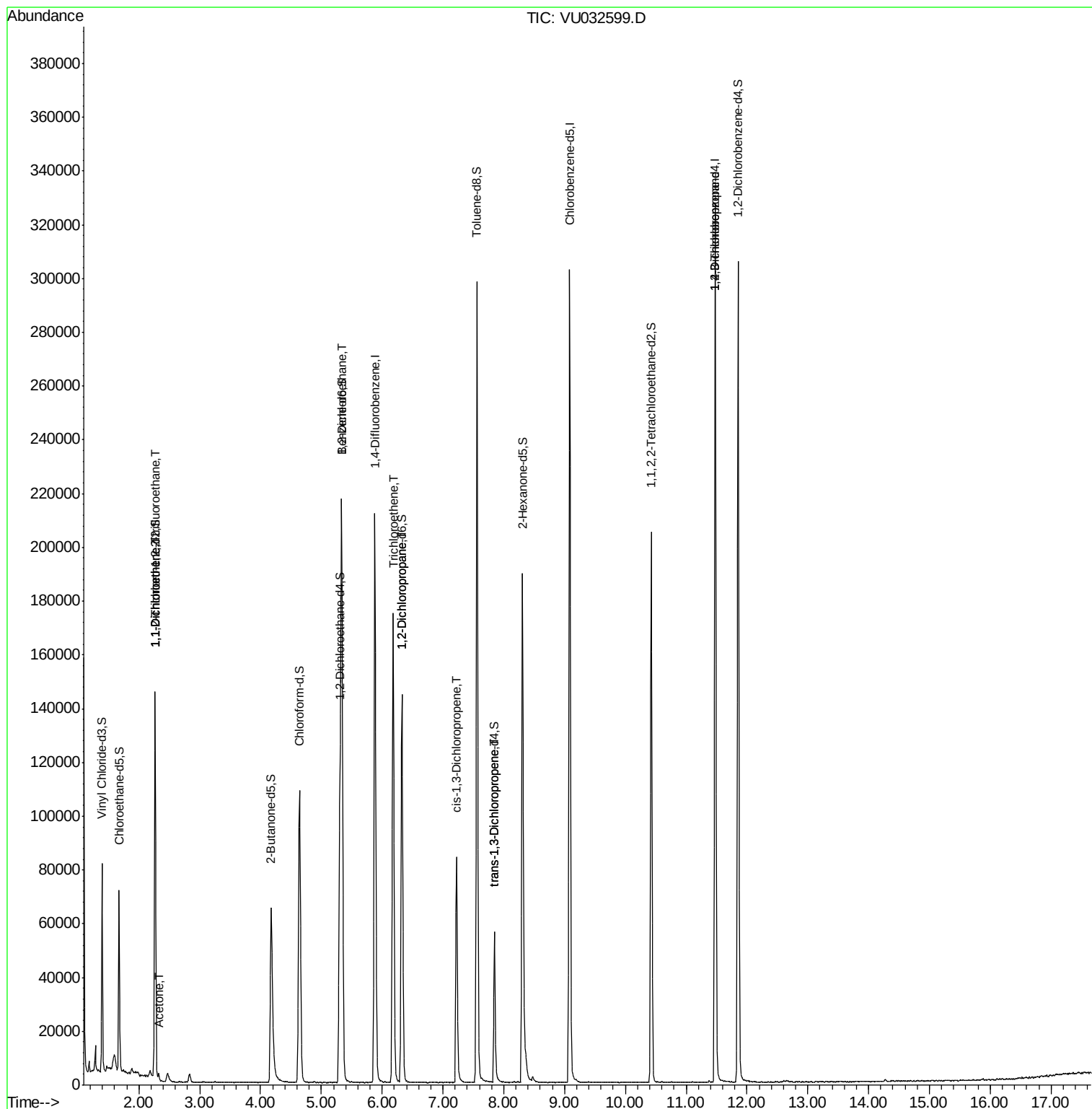
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	734	0.669 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	618	0.580 ug/L #	1
13) Acetone	2.32	43	1967	1.955 ug/L	87
27) 1,2-Dichloroethane	5.33	62	1304	0.759 ug/L #	75
34) Trichloroethene	6.18	95	57633	45.186 ug/L	99
37) 1,2-Dichloropropane	6.32	63	7976	6.418 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2176	1.110 ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1489	0.856 ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	10154	6.285 ug/L	91

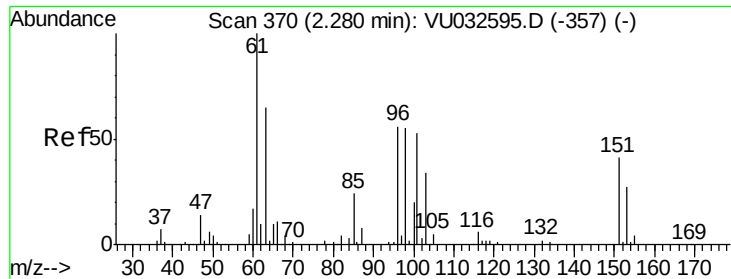
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.669 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032599.D

Acq: 11 Jun 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

DB8C1DL

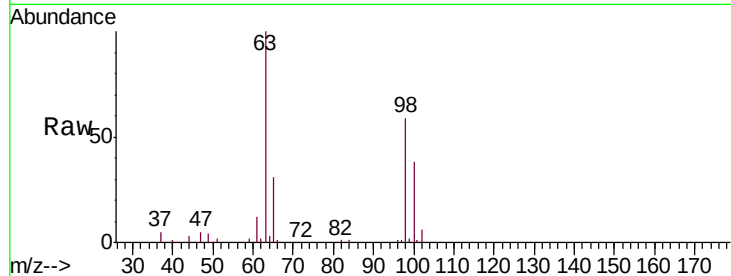
Tgt Ion:101 Resp: 734

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

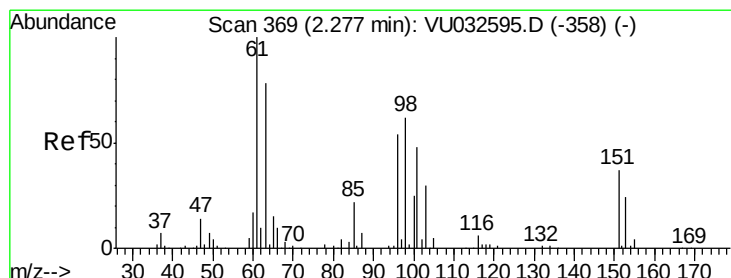
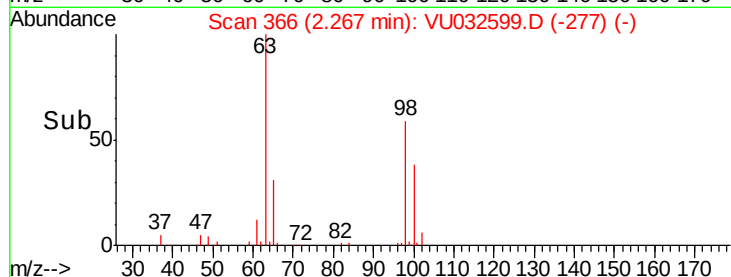
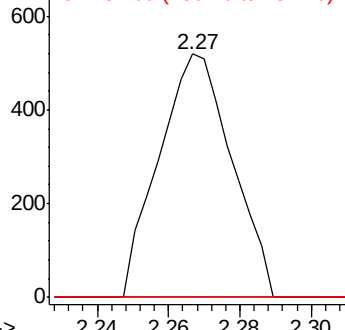
151 0.0 63.0 94.4#



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: 0.580 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032599.D

Acq: 11 Jun 2019 11:04

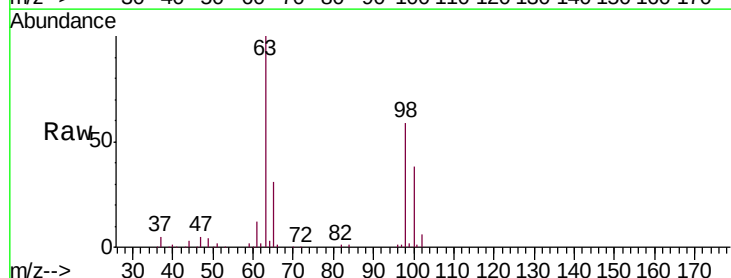
Tgt Ion: 96 Resp: 618

Ion Ratio Lower Upper

96 100

61 1394.2 129.5 240.5#

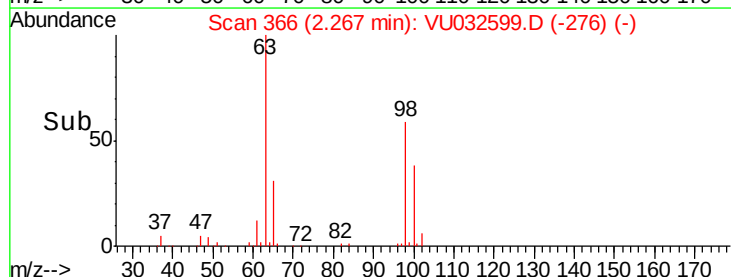
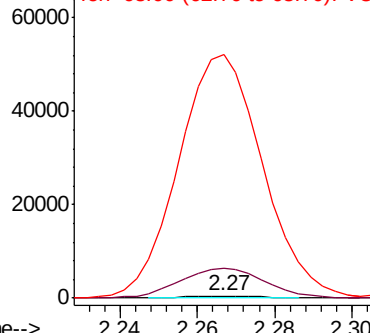
63 11191.4 103.4 192.0#

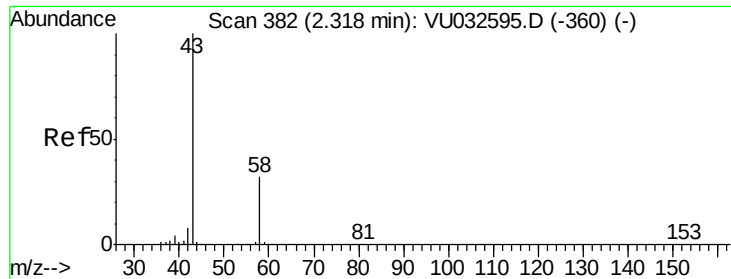


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.955 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032599.D

Acq: 11 Jun 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

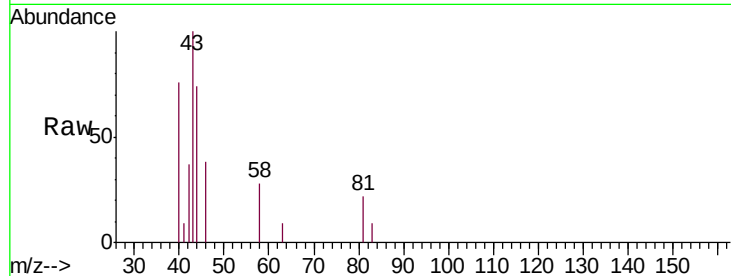
DB8C1DL

Tgt Ion: 43 Resp: 1967

Ion Ratio Lower Upper

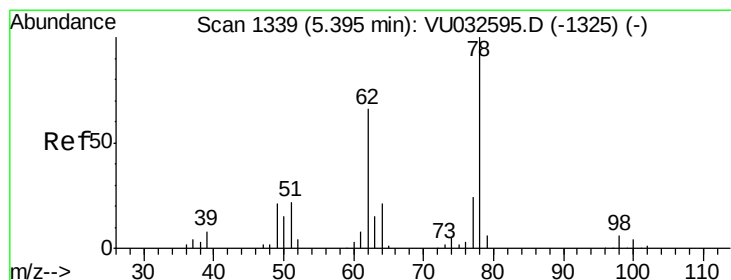
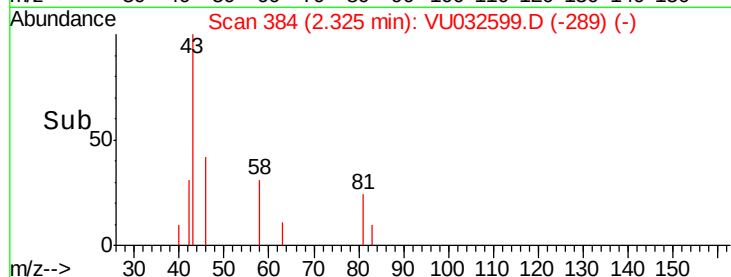
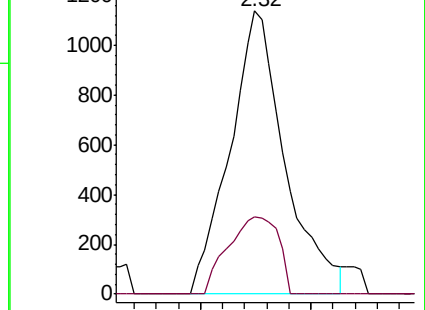
43 100

58 25.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032595.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032595.D (-360) (-)



#27

1,2-Dichloroethane

Concen: 0.759 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032599.D

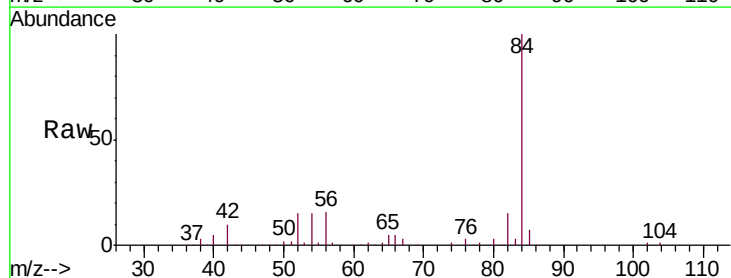
Acq: 11 Jun 2019 11:04

Tgt Ion: 62 Resp: 1304

Ion Ratio Lower Upper

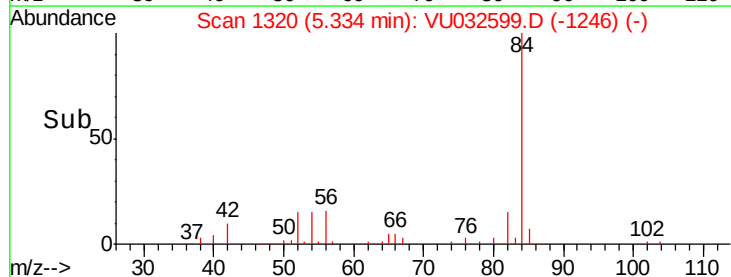
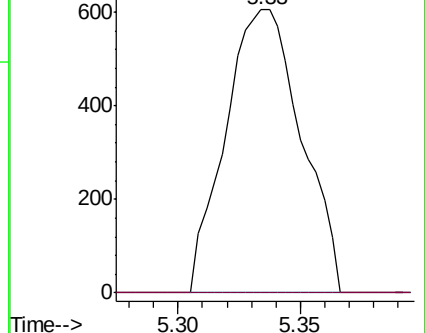
62 100

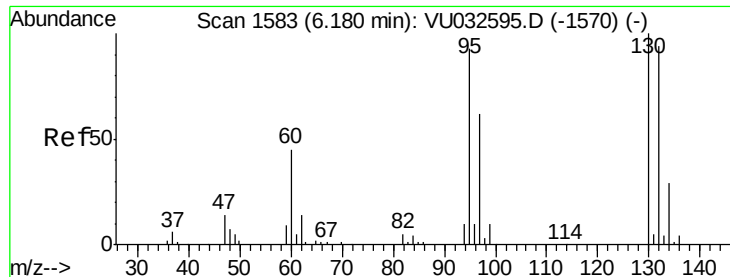
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032595.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032595.D (-1325) (-)





#34

Trichloroethene

Concen: 45.186 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032599.D

Acq: 11 Jun 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

DB8C1DL

Tgt Ion: 95 Resp: 57633

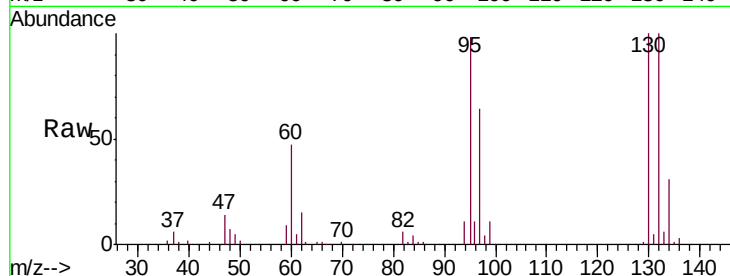
Ion Ratio Lower Upper

95 100

97 65.7 45.8 85.2

132 101.9 71.0 131.8

130 102.2 73.4 136.2

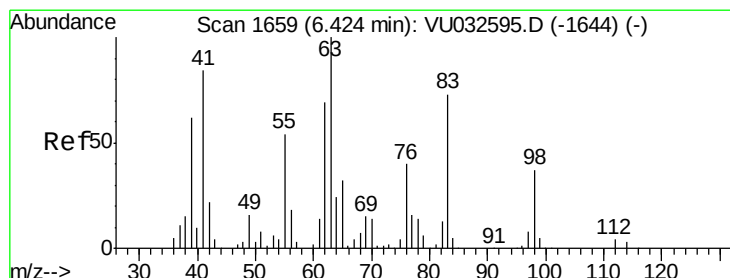
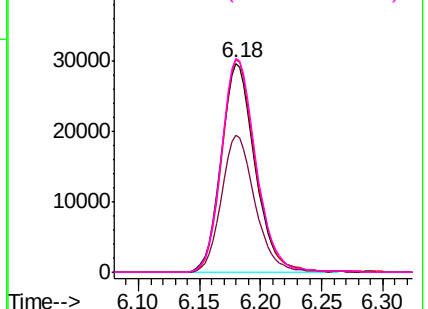
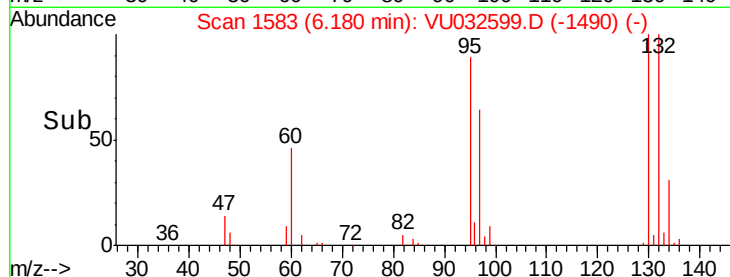


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.418 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032599.D

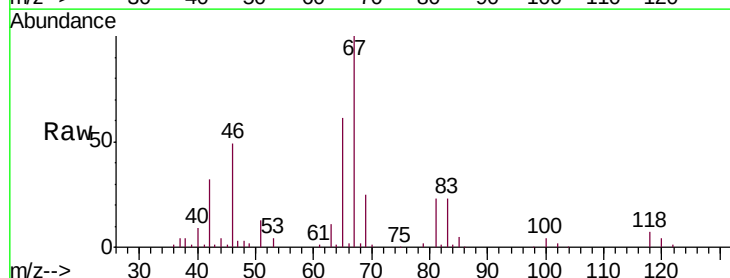
Acq: 11 Jun 2019 11:04

Tgt Ion: 63 Resp: 7976

Ion Ratio Lower Upper

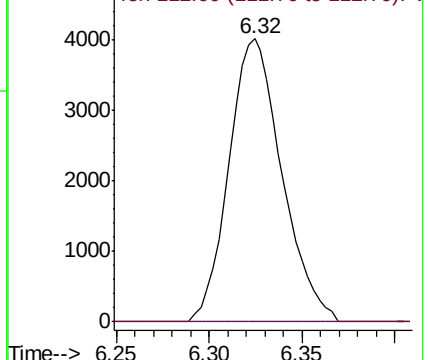
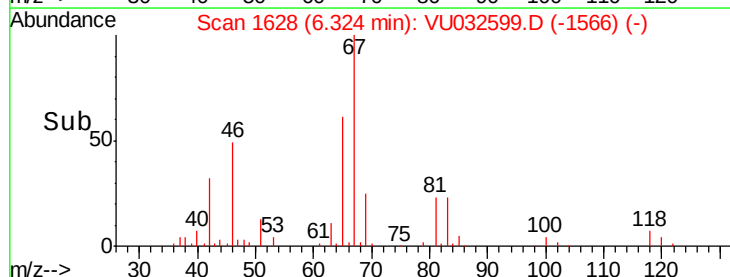
63 100

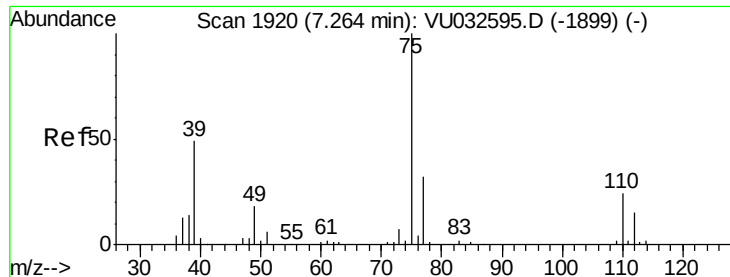
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

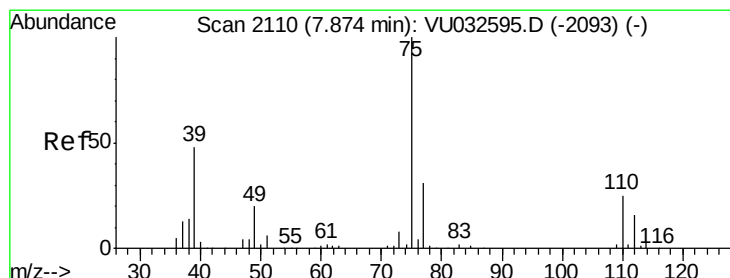
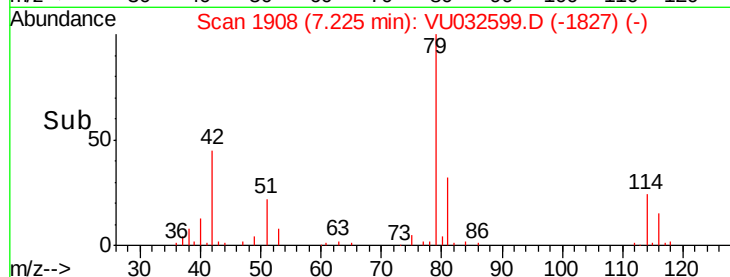
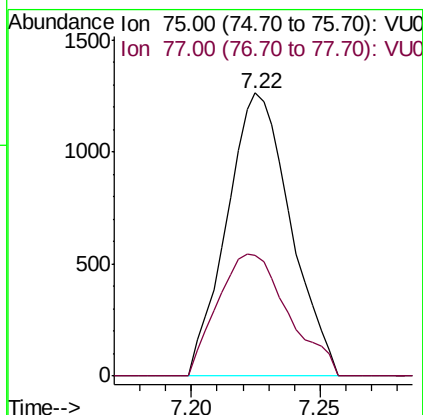
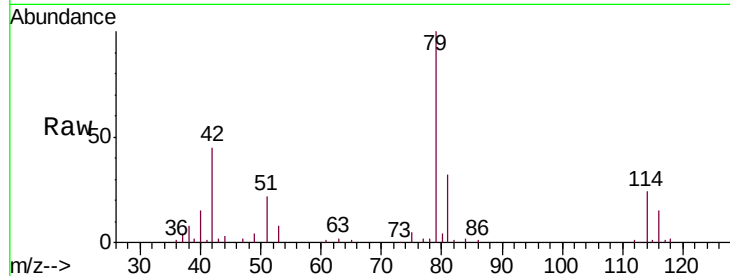




#39
 cis-1,3-Dichloropropene
 Concen: 1.110 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032599.D
 Acq: 11 Jun 2019 11:04

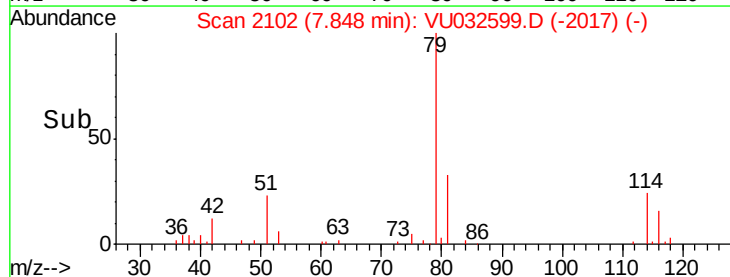
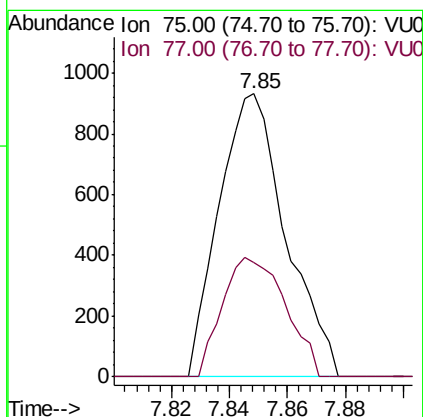
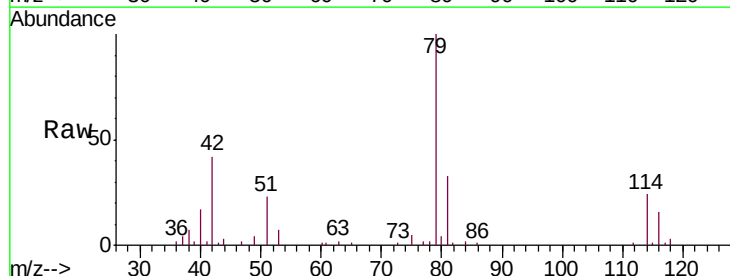
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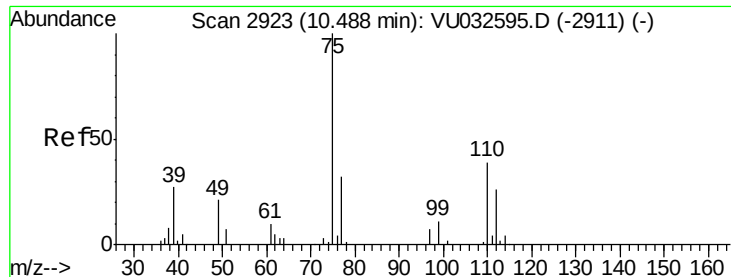
Tgt Ion: 75 Resp: 2176
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.856 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032599.D
 Acq: 11 Jun 2019 11:04

Tgt Ion: 75 Resp: 1489
 Ion Ratio Lower Upper
 75 100
 77 40.5 22.1 41.1





#59
 1,2,3-Trichloropropane
 Concen: 6.285 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032599.D
 Acq: 11 Jun 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C1DL

Tgt Ion: 75 Resp: 10154
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.6 38.4

