

Data File : VU032571.D
Acq On : 10 Jun 2019 17:44
Operator : JC/SP
Sample : K3277-08DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B3DL

Quant Time: Jun 11 05:42:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	184059	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	173526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88164	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55381	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.76%
7) Chloroethane-d5	1.68	69	45774	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.27	63	83814	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
21) 2-Butanone-d5	4.17	46	105353	105.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.42%
24) Chloroform-d	4.64	84	110396	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
26) 1,2-Dichloroethane-d4	5.30	65	73517	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
32) Benzene-d6	5.33	84	225533	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
36) 1,2-Dichloropropane-d6	6.32	67	72205	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.24%
41) Toluene-d8	7.56	98	210690	49.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.64%
43) trans-1,3-Dichloropropene-	7.85	79	33806	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
47) 2-Hexanone-d5	8.31	63	65505	95.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103718	50.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	88072	52.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.30%

Target Compounds

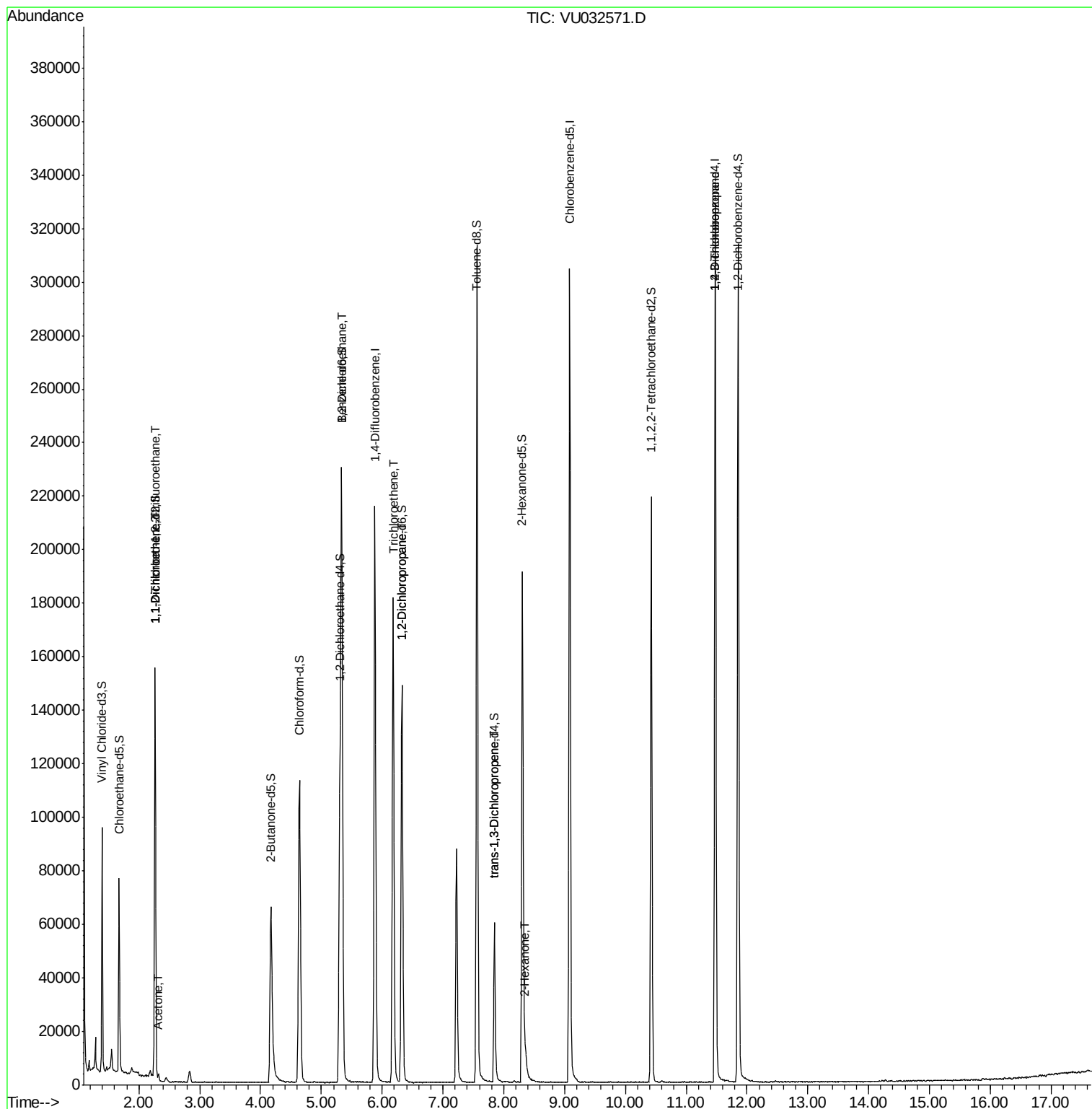
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	785	0.698	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	698	0.639	ug/L #	1
13) Acetone	2.31	43	1387	1.345	ug/L	79
27) 1,2-Dichloroethane	5.34	62	1268	0.720	ug/L #	75
34) Trichloroethene	6.18	95	60042	45.265	ug/L	99
37) 1,2-Dichloropropane	6.32	63	8175	6.325	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1524	0.842	ug/L	85
48) 2-Hexanone	8.36	43	5758	3.372	ug/L #	54
59) 1,2,3-Trichloropropane	11.48	75	10622	6.322	ug/L	94

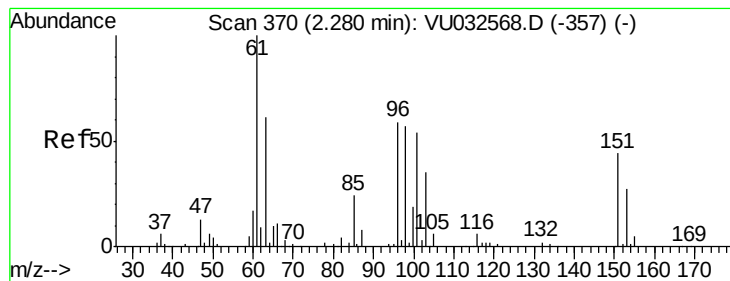
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.698 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

DB8B3DL

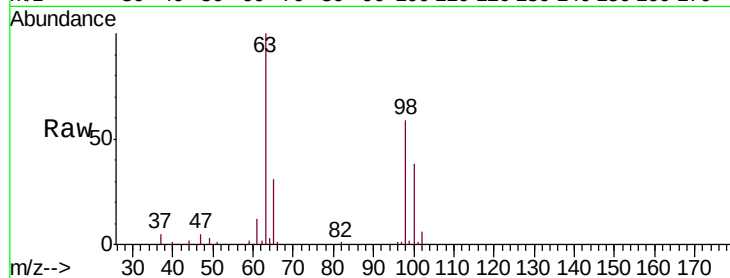
Tgt Ion:101 Resp: 785

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

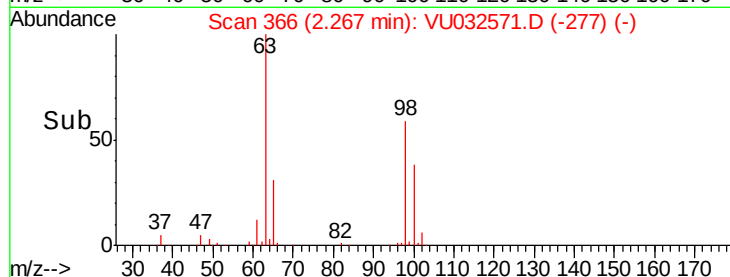
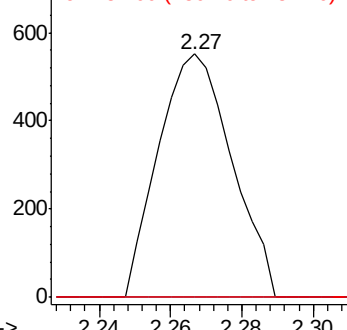
151 0.0 63.0 94.4#



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: 0.639 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032571.D

Acq: 10 Jun 2019 17:44

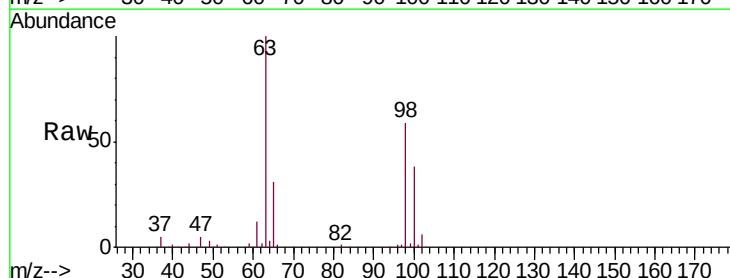
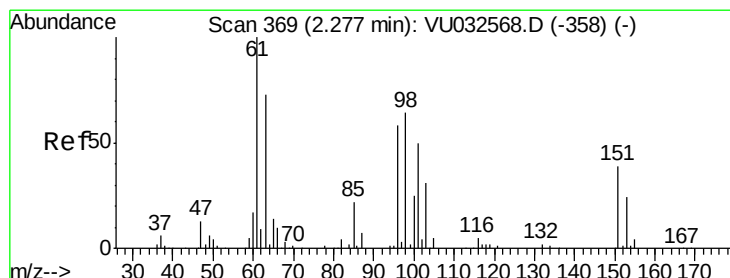
Tgt Ion: 96 Resp: 698

Ion Ratio Lower Upper

96 100

61 1502.9 129.5 240.5#

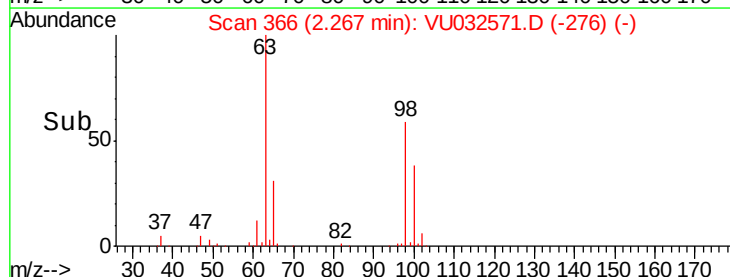
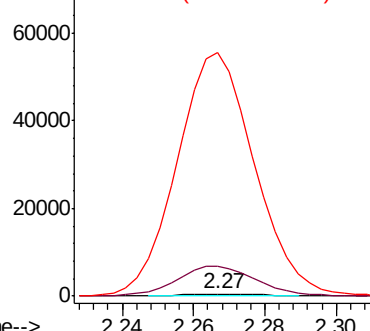
63 12191.2 103.4 192.0#

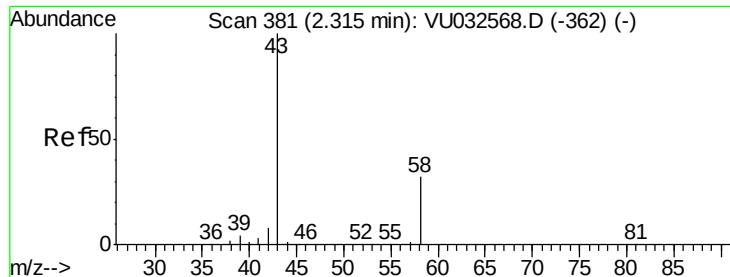


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.345 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

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ClientSampleId :

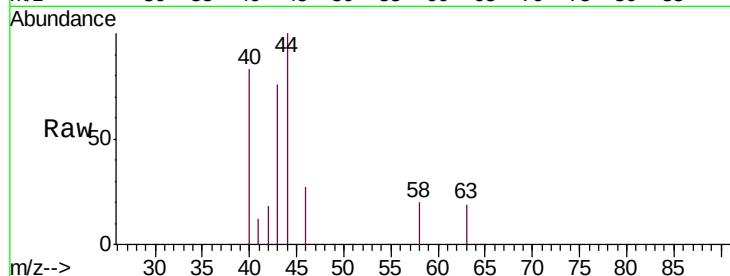
DB8B3DL

Tgt Ion: 43 Resp: 1387

Ion Ratio Lower Upper

43 100

58 20.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032568.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032568.D (-362) (-)

2.31

800

600

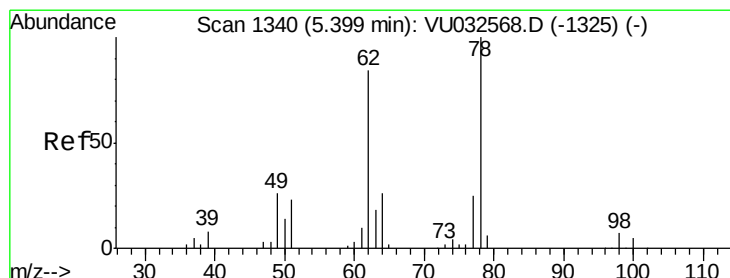
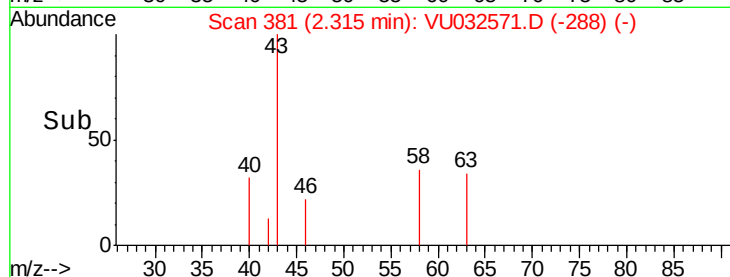
400

200

0

2.30 2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.720 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032571.D

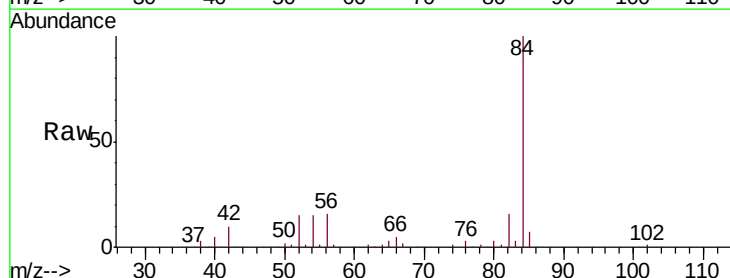
Acq: 10 Jun 2019 17:44

Tgt Ion: 62 Resp: 1268

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032568.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032568.D (-1325) (-)

5.34

600

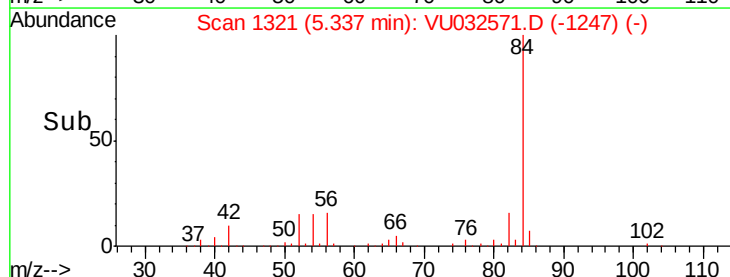
400

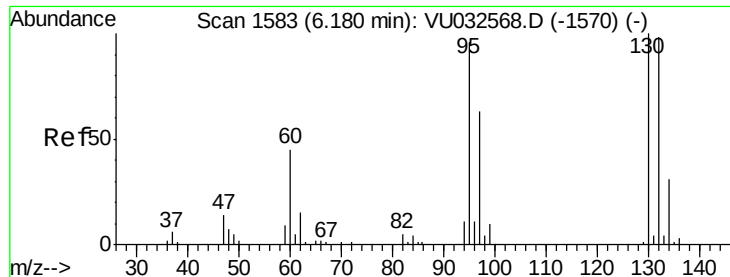
200

0

5.30 5.35

Time-->





#34

Trichloroethene

Concen: 45.265 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032571.D

Acq: 10 Jun 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

DB8B3DL

Tgt Ion: 95 Resp: 60042

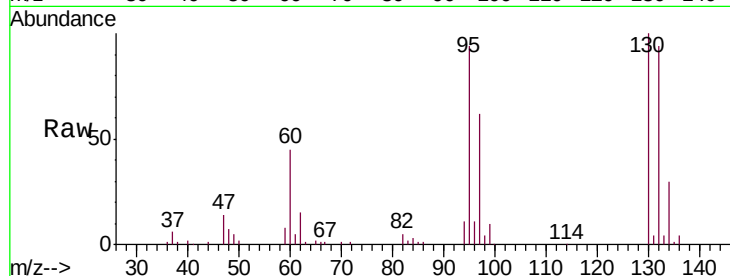
Ion Ratio Lower Upper

95 100

97 65.9 45.8 85.2

132 100.6 71.0 131.8

130 106.9 73.4 136.2

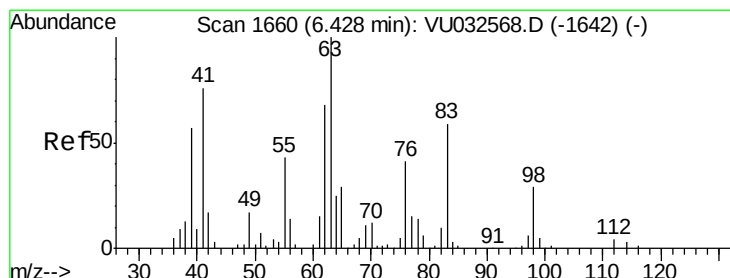
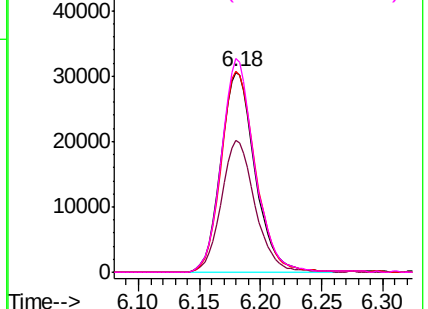
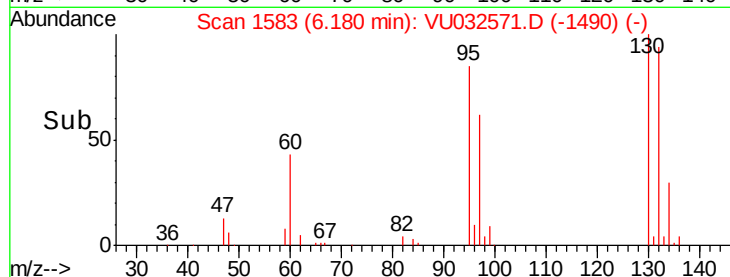


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 6.325 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032571.D

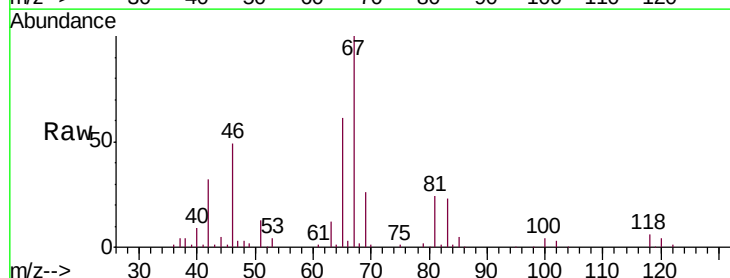
Acq: 10 Jun 2019 17:44

Tgt Ion: 63 Resp: 8175

Ion Ratio Lower Upper

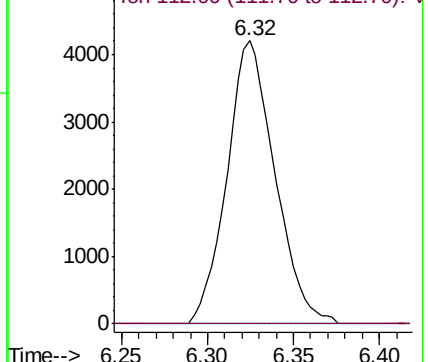
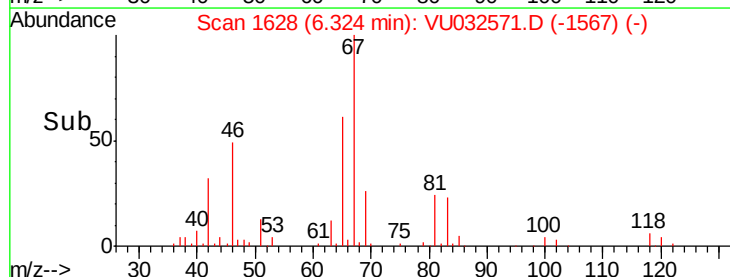
63 100

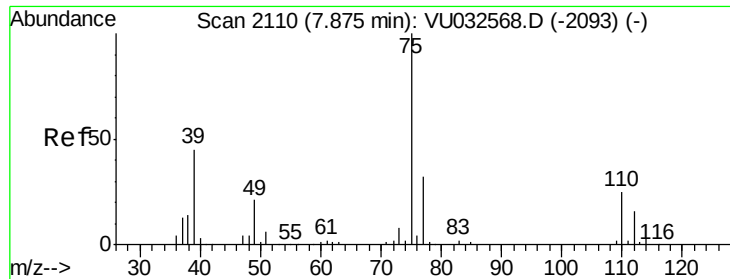
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

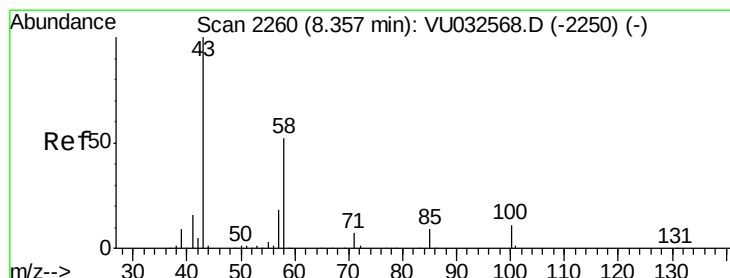
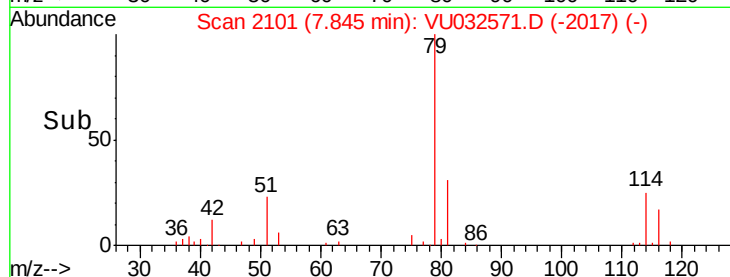
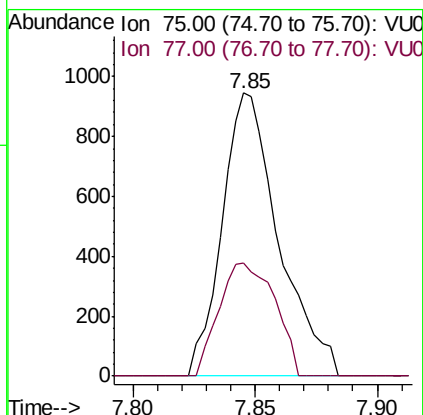
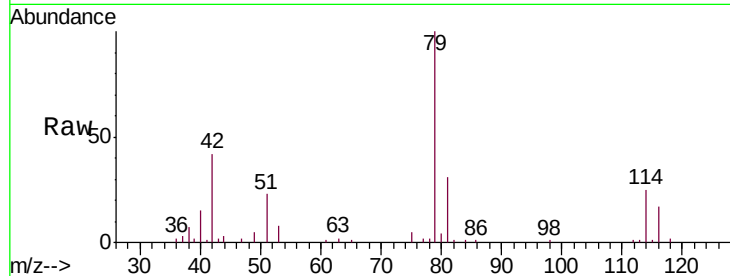




#44
trans-1,3-Dichloropropene
Concen: 0.842 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032571.D
Acq: 10 Jun 2019 17:44

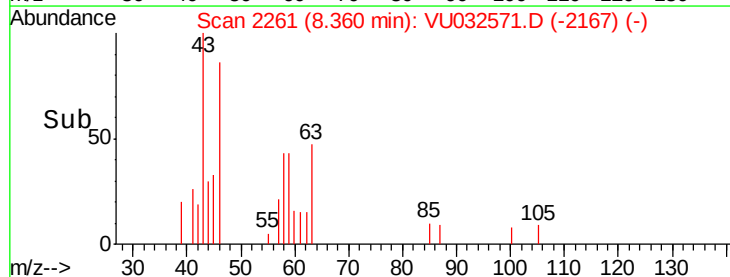
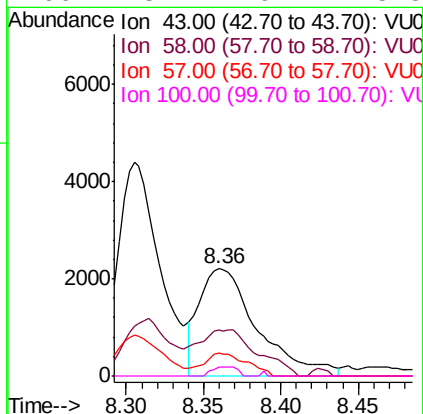
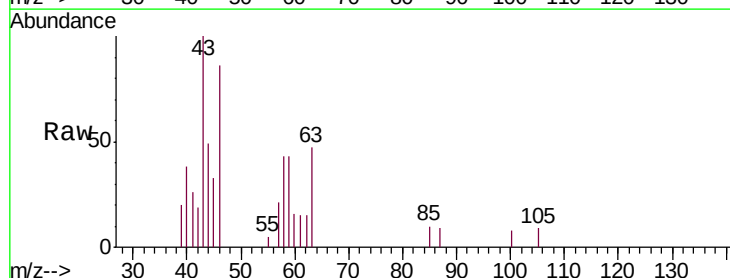
Instrument :
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ClientSampleId :
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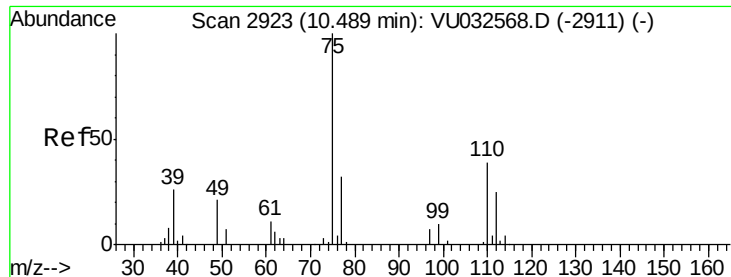
Tgt Ion: 75 Resp: 1524
Ion Ratio Lower Upper
75 100
77 39.9 22.1 41.1



#48
2-Hexanone
Concen: 3.372 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032571.D
Acq: 10 Jun 2019 17:44

Tgt Ion: 43 Resp: 5758
Ion Ratio Lower Upper
43 100
58 6.2 42.0 63.0#
57 16.4 14.6 22.0
100 3.7 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.322 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032571.D
 Acq: 10 Jun 2019 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B3DL

Tgt Ion: 75 Resp: 10622
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.6 38.4

