

Data File : VU032591.D
Acq On : 11 Jun 2019 01:23
Operator : JC/SP
Sample : K3278-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8D2

Quant Time: Jun 11 05:45:08 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	183967	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	172544	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56404	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.52%
7) Chloroethane-d5	1.68	69	47442	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.92%
11) 1,1-Dichloroethene-d2	2.27	63	86450	36.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.98%
21) 2-Butanone-d5	4.17	46	101124	101.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	4.64	84	109695	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	5.30	65	74527	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.30%
32) Benzene-d6	5.33	84	228452	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.32	67	71658	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.04%
41) Toluene-d8	7.56	98	211451	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%
43) trans-1,3-Dichloropropene-	7.85	79	31445	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.31	63	62747	92.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102496	50.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.72%
64) 1,2-Dichlorobenzene-d4	11.85	152	86057	52.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

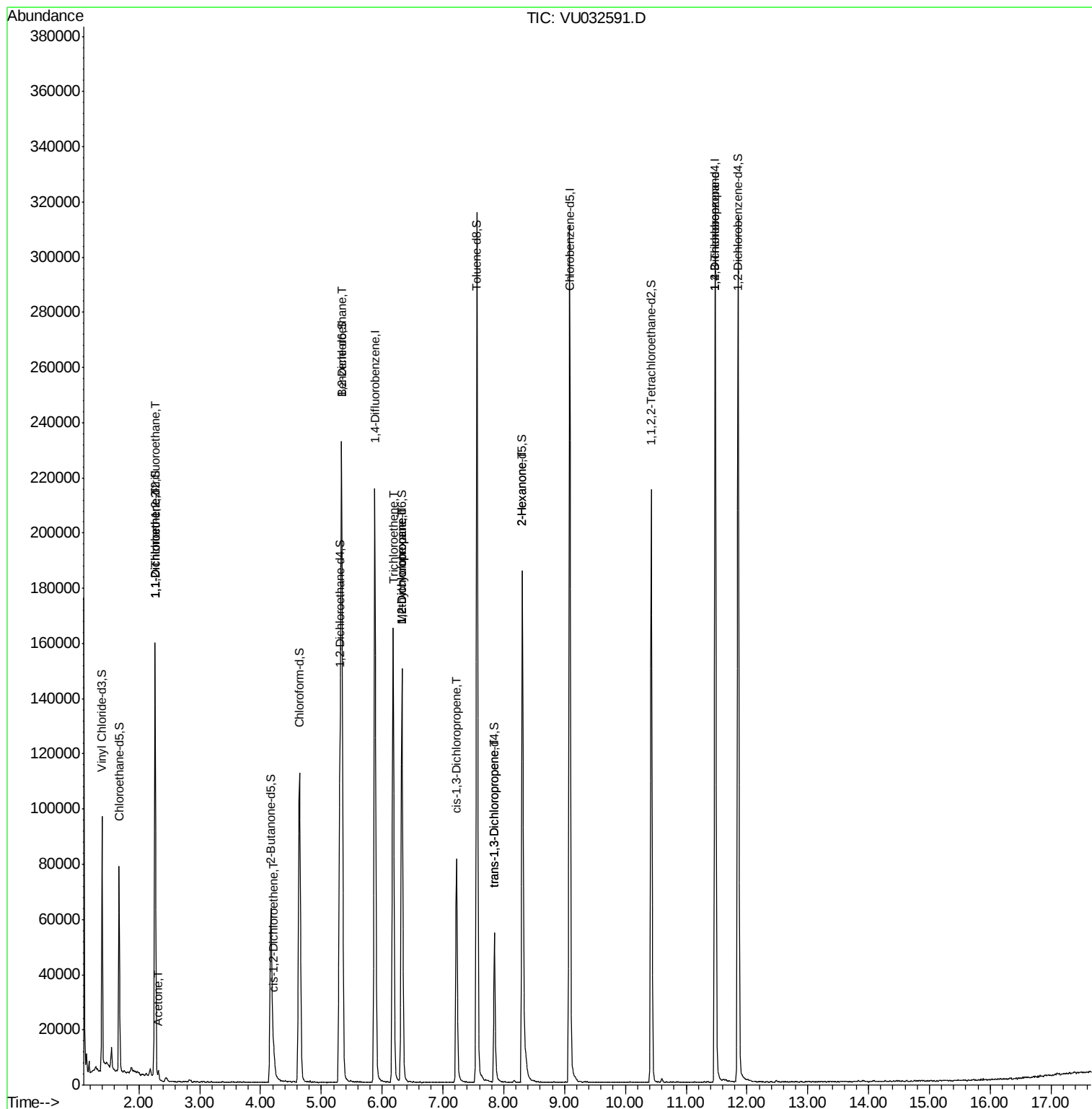
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	766	0.681	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	742	0.680	ug/L #	1
13) Acetone	2.32	43	2745	2.663	ug/L	88
20) cis-1,2-Dichloroethene	4.22	96	2886	2.156	ug/L	94
27) 1,2-Dichloroethane	5.34	62	1406	0.799	ug/L #	75
34) Trichloroethene	6.18	95	54884	41.612	ug/L	99
35) Methylcyclohexane	6.32	83	17072	7.995	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8109	6.310	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2092	1.032	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	1565	0.870	ug/L	91
48) 2-Hexanone	8.31	43	8300	4.888	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	10081	6.034	ug/L	91

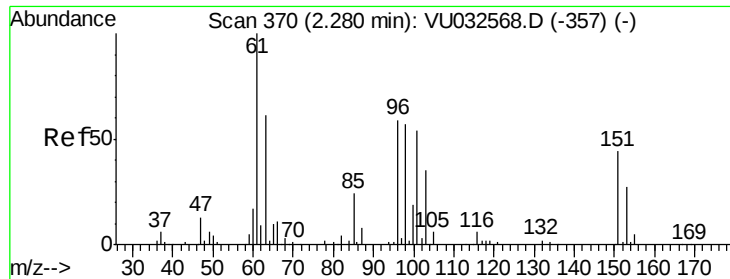
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.681 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032591.D

Acq: 11 Jun 2019 01:23

Instrument :

MSVOA_U

ClientSampleId :

DB8D2

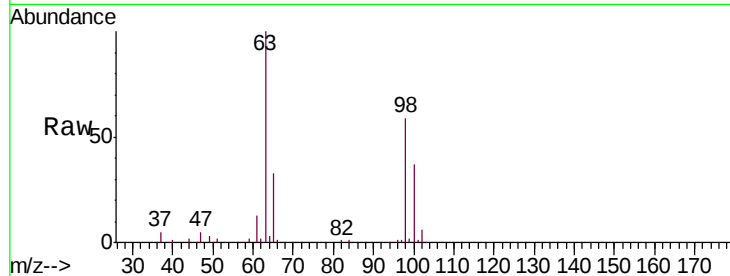
Tgt Ion: 101 Resp: 766

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

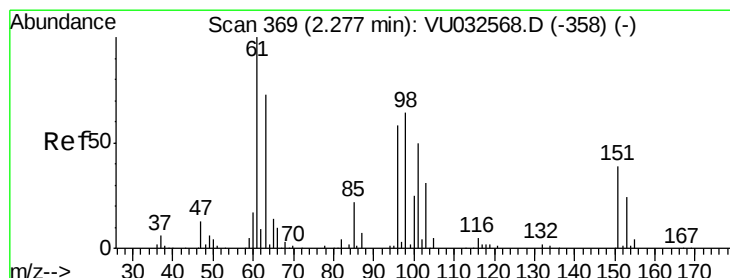
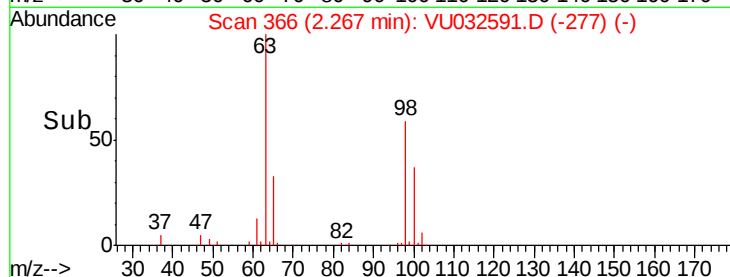
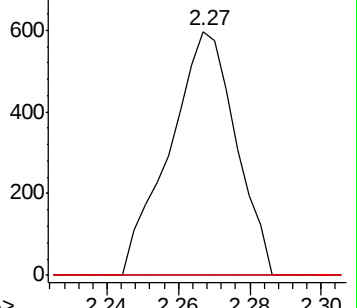
151 0.0 63.0 94.4#



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: 0.680 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032591.D

Acq: 11 Jun 2019 01:23

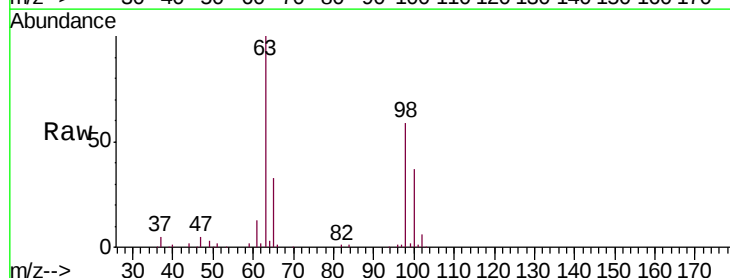
Tgt Ion: 96 Resp: 742

Ion Ratio Lower Upper

96 100

61 1403.3 129.5 240.5#

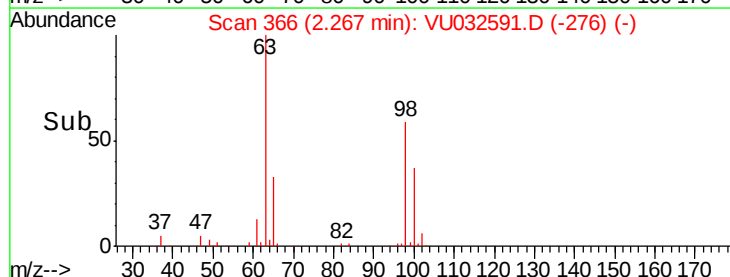
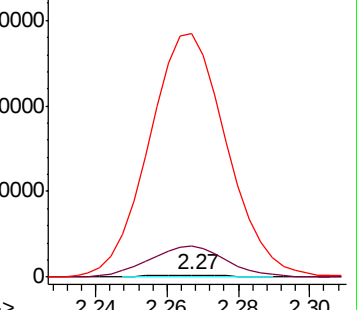
63 10968.8 103.4 192.0#

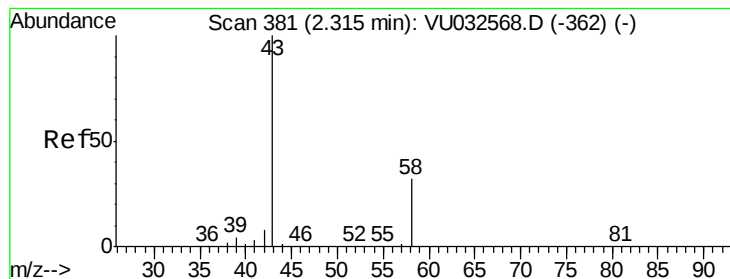


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.663 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032591.D

Acq: 11 Jun 2019 01:23

Instrument :

MSVOA_U

ClientSampled :

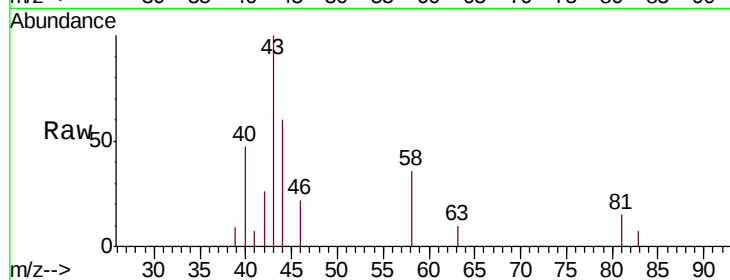
DB8D2

Tgt Ion: 43 Resp: 2745

Ion Ratio Lower Upper

43 100

58 25.6 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) (-)

2.32

1500

1000

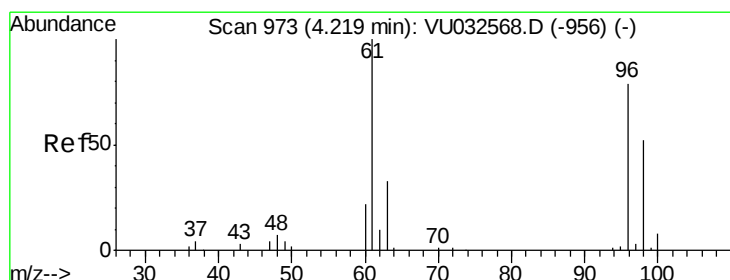
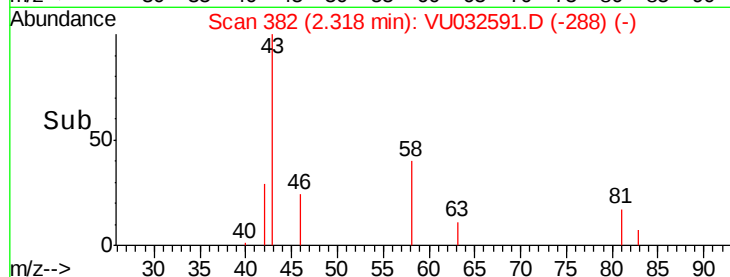
500

0

Time-->

2.30

2.35



#20

cis-1,2-Dichloroethene

Concen: 2.156 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU032591.D

Acq: 11 Jun 2019 01:23

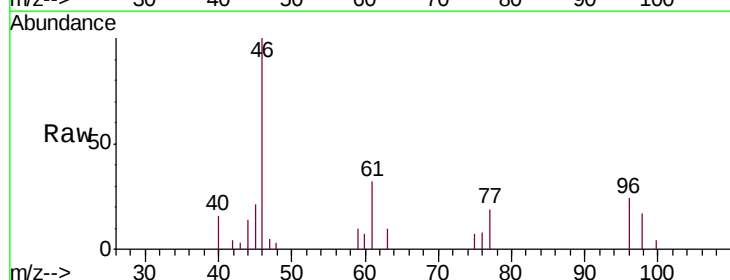
Tgt Ion: 96 Resp: 2886

Ion Ratio Lower Upper

96 100

61 130.9 87.2 162.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032568.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032568.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032568.D (-956) (-)

4.22

2000

1500

1000

500

0

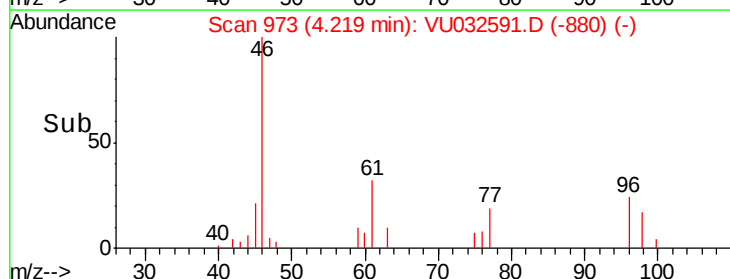
Time-->

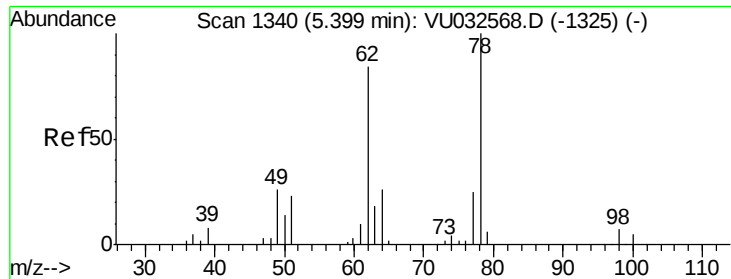
4.15

4.20

4.25

4.30





#27

1,2-Dichloroethane

Concen: 0.799 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032591.D

Acq: 11 Jun 2019 01:23

Instrument :

MSVOA_U

ClientSampleId :

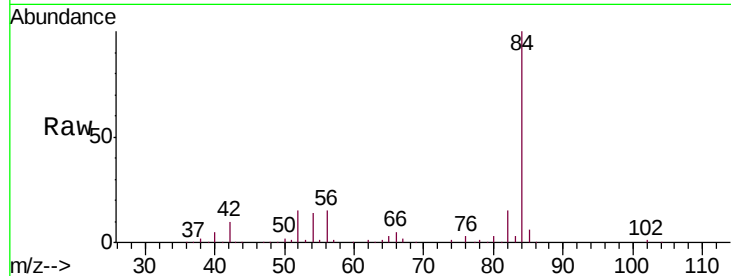
DB8D2

Tgt Ion: 62 Resp: 1406

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

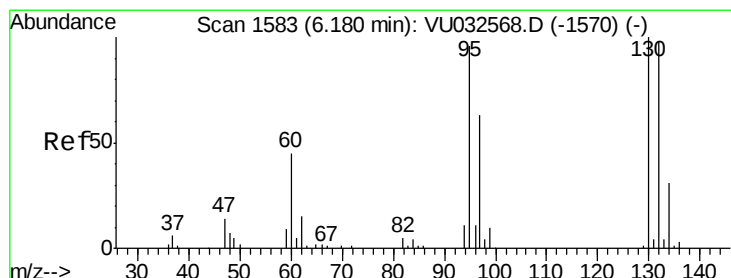
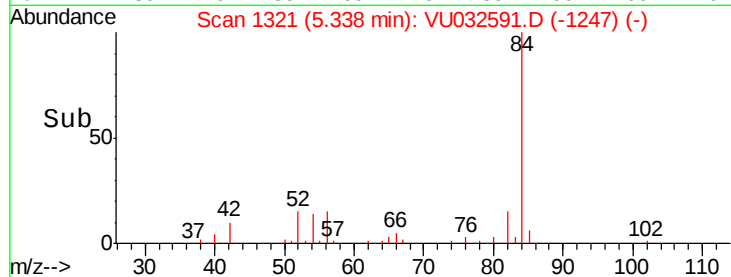
400

200

0

5.30 5.35

Time-->



#34

Trichloroethene

Concen: 41.612 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032591.D

Acq: 11 Jun 2019 01:23

Tgt Ion: 95 Resp: 54884

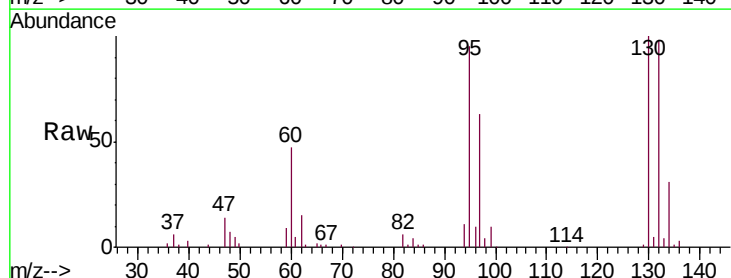
Ion Ratio Lower Upper

95 100

97 66.2 45.8 85.2

132 102.8 71.0 131.8

130 104.8 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU032568.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU032568.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU032568.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU032568.D (-1570) (-)

40000

30000

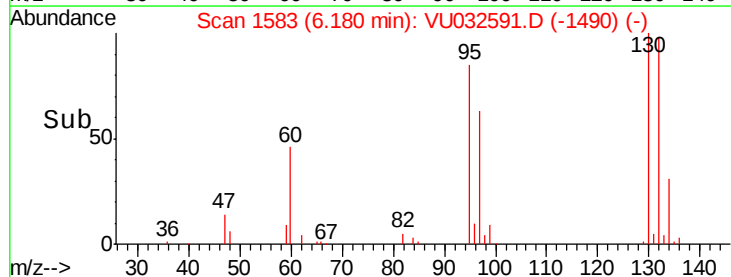
20000

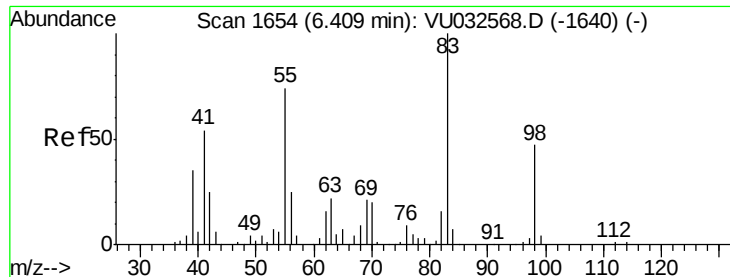
10000

0

6.10 6.15 6.20 6.25 6.30

Time-->

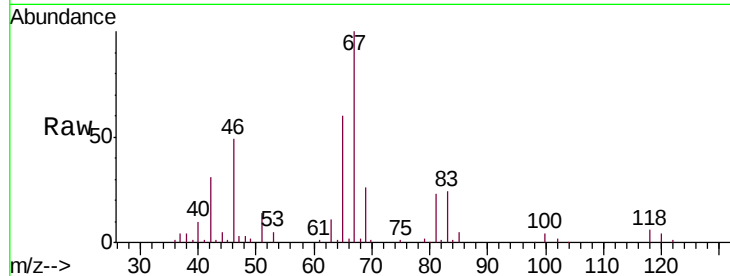




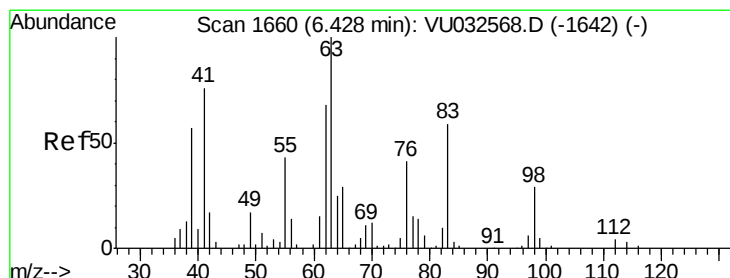
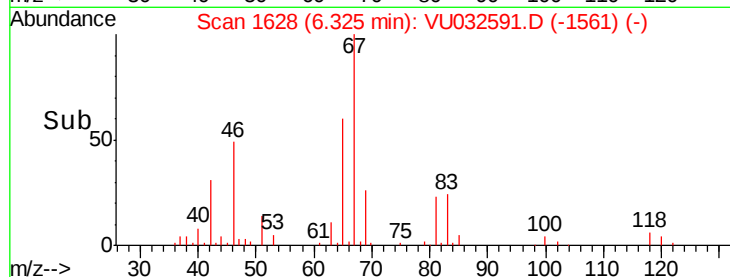
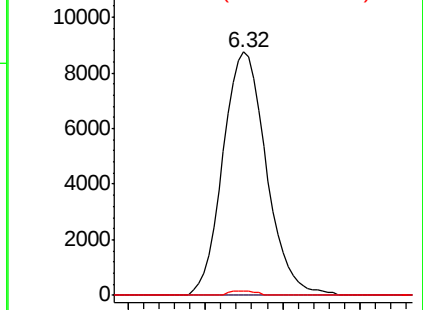
#35
Methylcyclohexane
Concen: 7.995 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032591.D
Acq: 11 Jun 2019 01:23

Instrument :
MSVOA_U
ClientSampleId :
DB8D2

Tgt Ion: 83 Resp: 17072
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 0.0 37.4 56.2#

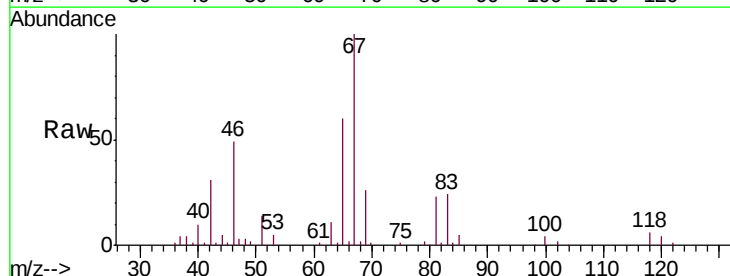


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

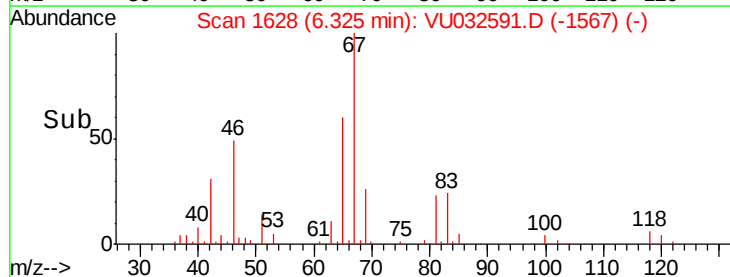
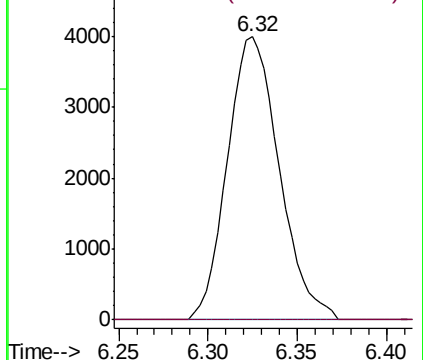


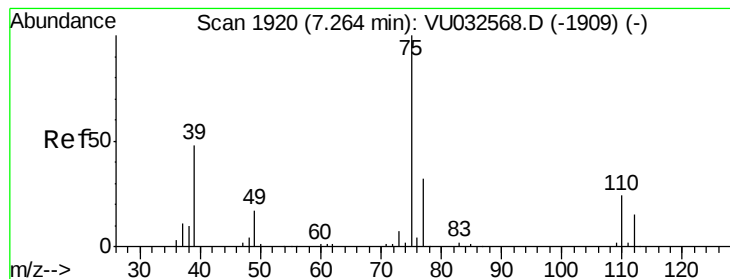
#37
1,2-Dichloropropane
Concen: 6.310 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032591.D
Acq: 11 Jun 2019 01:23

Tgt Ion: 63 Resp: 8109
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



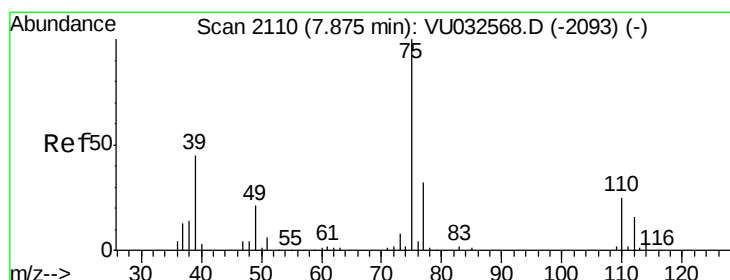
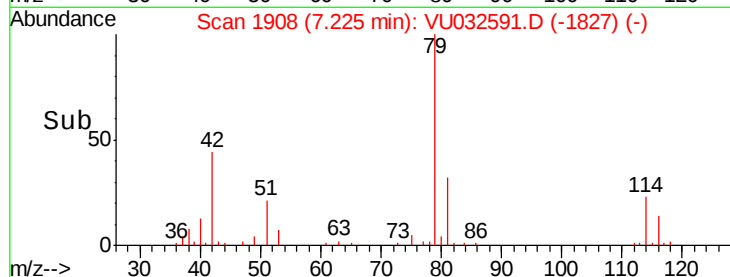
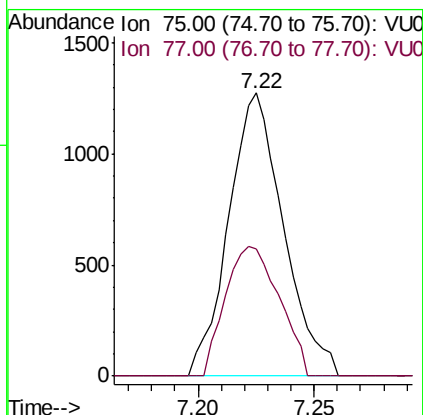
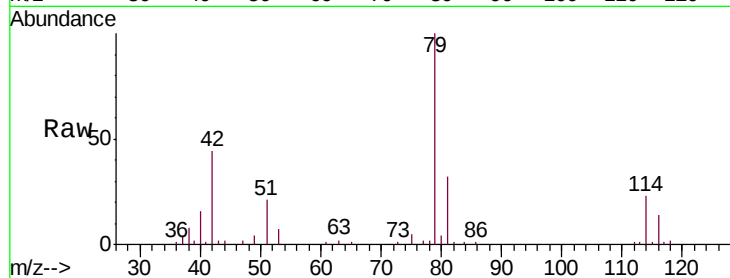


#39

cis-1,3-Dichloropropene
Concen: 1.032 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032591.D
Acq: 11 Jun 2019 01:23

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DB8D2

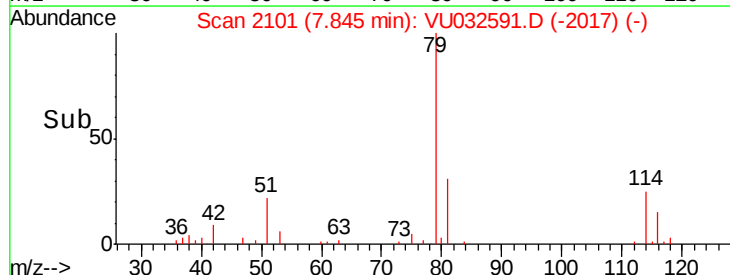
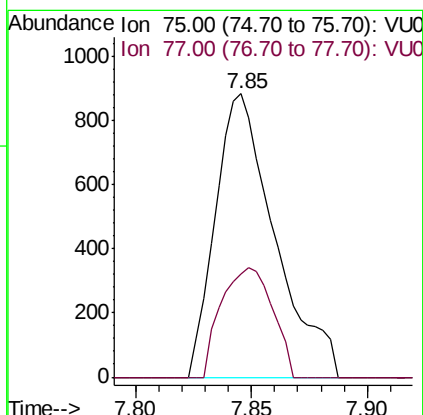
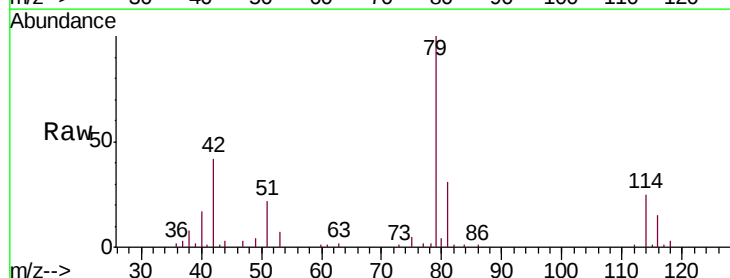
Tgt Ion: 75 Resp: 2092
Ion Ratio Lower Upper
75 100
77 45.0 22.0 41.0#

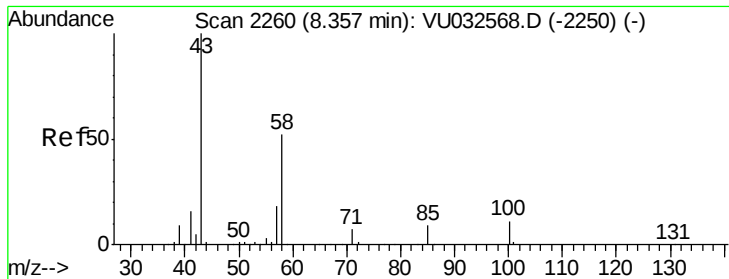


#44

trans-1,3-Dichloropropene
Concen: 0.870 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032591.D
Acq: 11 Jun 2019 01:23

Tgt Ion: 75 Resp: 1565
Ion Ratio Lower Upper
75 100
77 36.5 22.1 41.1

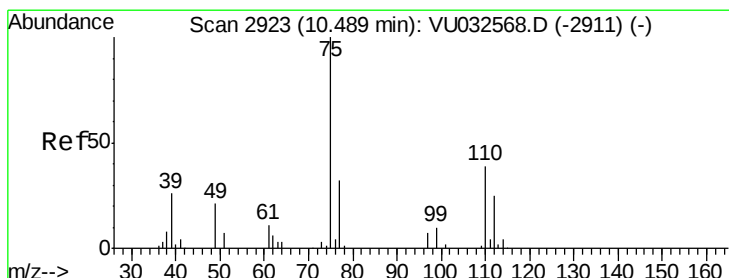
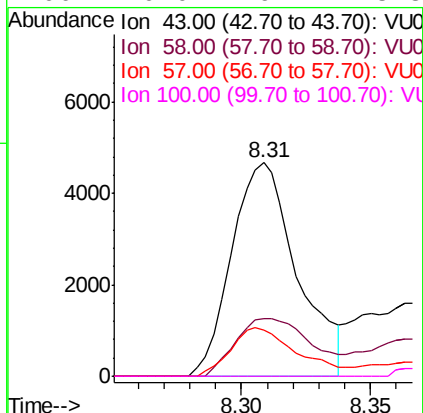
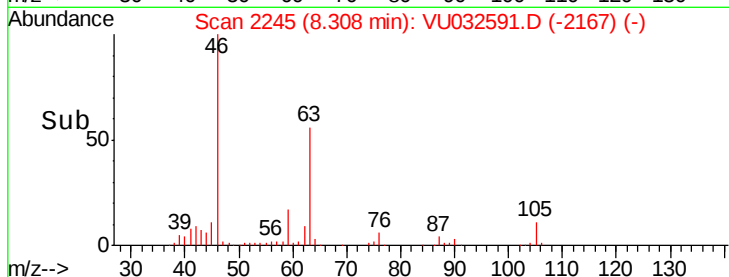
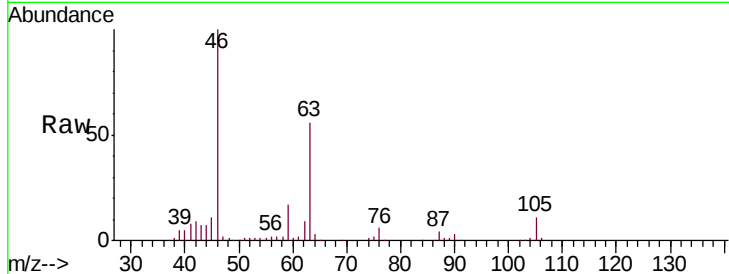




#48
2-Hexanone
Concen: 4.888 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU032591.D
Acq: 11 Jun 2019 01:23

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 8300
Ion Ratio Lower Upper
43 100
58 32.0 42.0 63.0#
57 22.9 14.6 22.0#
100 0.0 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.034 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032591.D
Acq: 11 Jun 2019 01:23

Tgt Ion: 75 Resp: 10081
Ion Ratio Lower Upper
75 100
77 36.9 25.6 38.4

