

Data File : VU032572.D
Acq On : 10 Jun 2019 18:07
Operator : JC/SP
Sample : K3277-09DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B4DL

Quant Time: Jun 11 05:42:26 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	196508	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	182607	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55246	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.66%
7) Chloroethane-d5	1.68	69	45338	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.50%
11) 1,1-Dichloroethene-d2	2.27	63	82347	32.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.98%
21) 2-Butanone-d5	4.17	46	96997	90.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.91%
24) Chloroform-d	4.64	84	108910	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.30	65	72880	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
32) Benzene-d6	5.33	84	222850	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
36) 1,2-Dichloropropane-d6	6.32	67	70062	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.26%
41) Toluene-d8	7.56	98	201709	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.85	79	33783	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.31	63	61817	85.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100086	46.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	85345	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%

Target Compounds

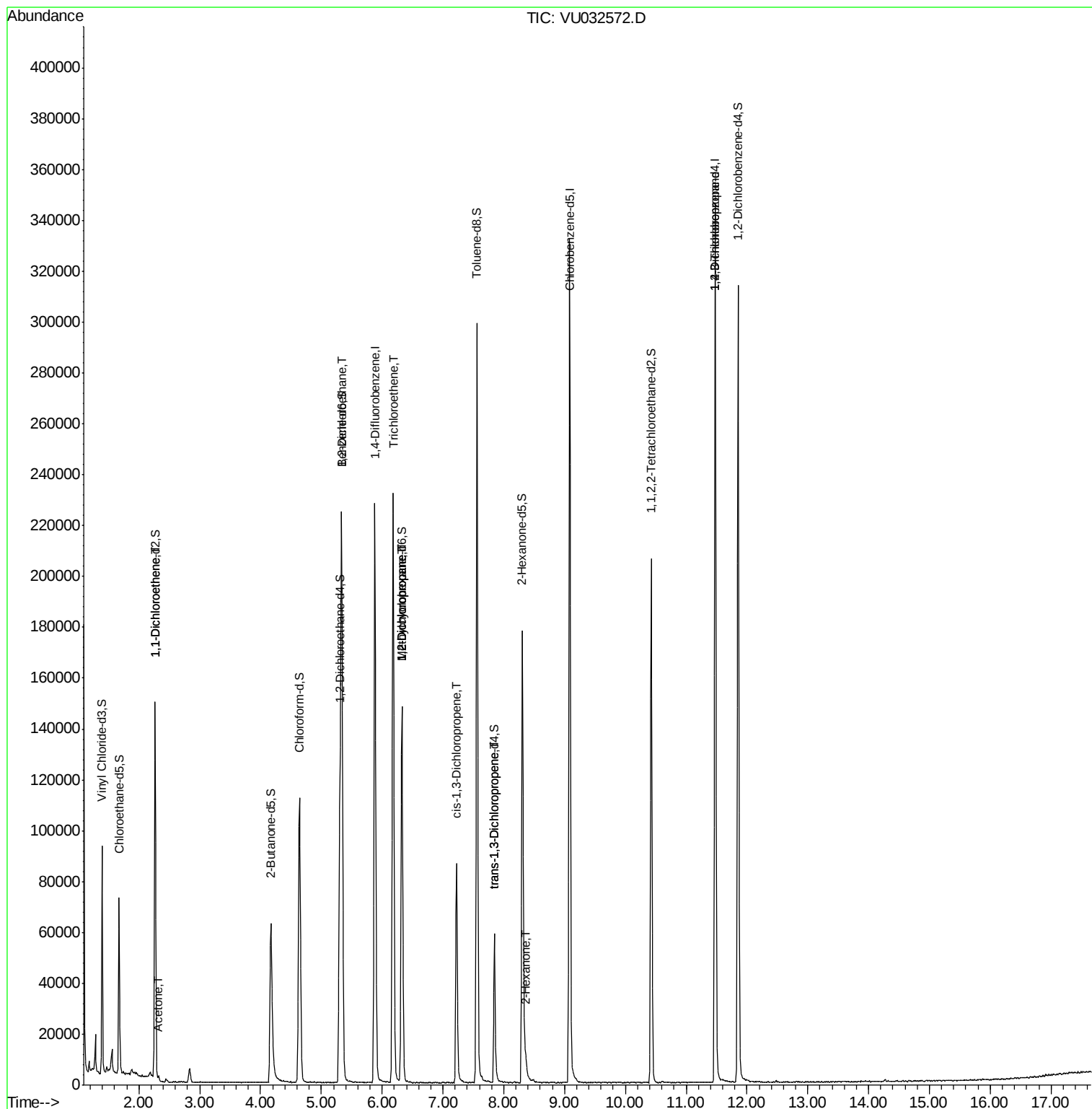
					Qvalue
12) 1,1-Dichloroethene	2.27	96	657	0.563 ug/L #	1
13) Acetone	2.32	43	1327	1.205 ug/L	77
27) 1,2-Dichloroethane	5.34	62	1156	0.615 ug/L #	75
34) Trichloroethene	6.18	95	77655	55.632 ug/L	98
35) Methylcyclohexane	6.32	83	15922	7.046 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7914	5.819 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2435	1.135 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1598	0.839 ug/L	85
48) 2-Hexanone	8.36	43	3701	2.059 ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	11295	6.388 ug/L	92

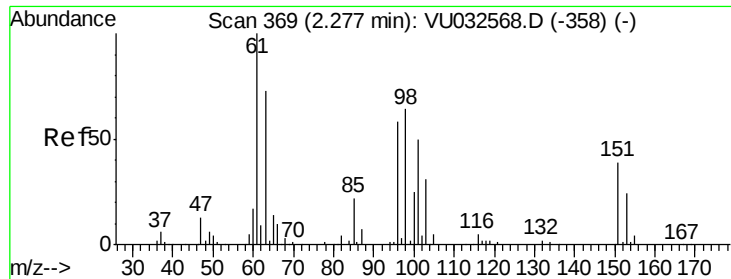
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.563 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032572.D

Acq: 10 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

DB8B4DL

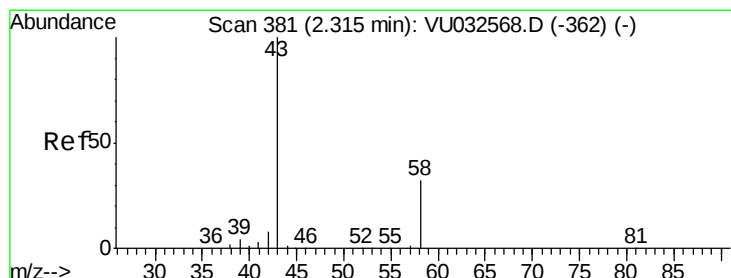
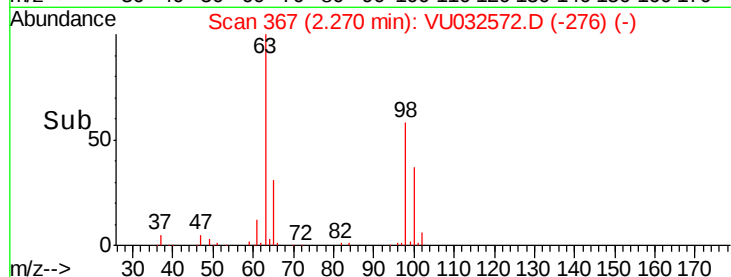
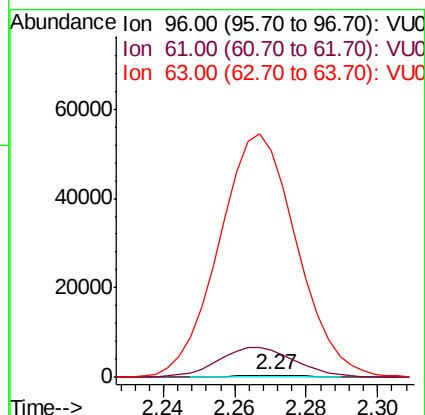
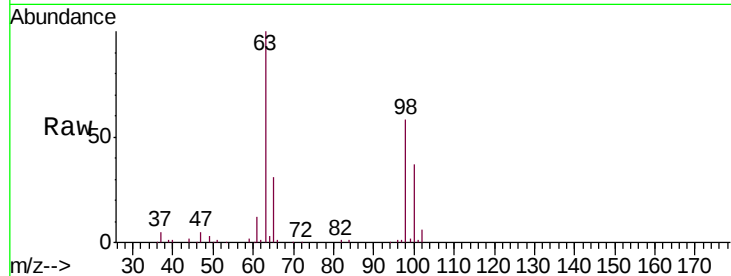
Tgt Ion: 96 Resp: 657

Ion Ratio Lower Upper

96 100

61 1331.3 129.5 240.5#

63 11052.2 103.4 192.0#



#13

Acetone

Concen: 1.205 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032572.D

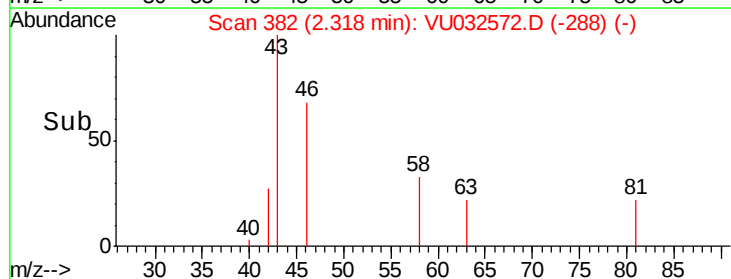
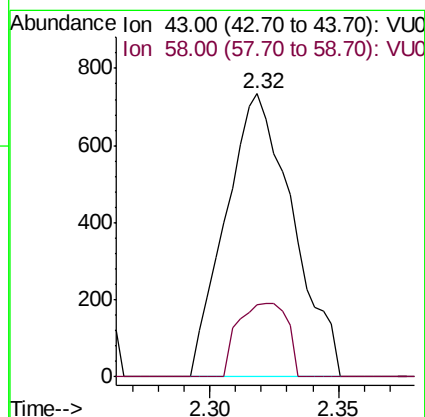
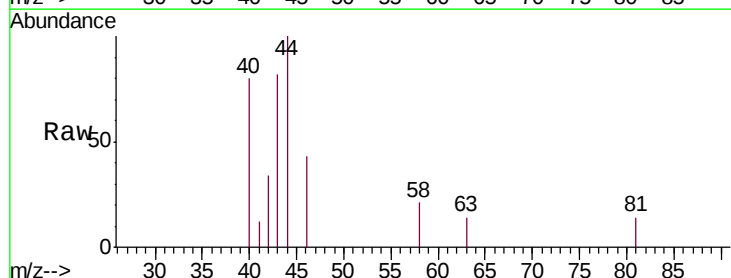
Acq: 10 Jun 2019 18:07

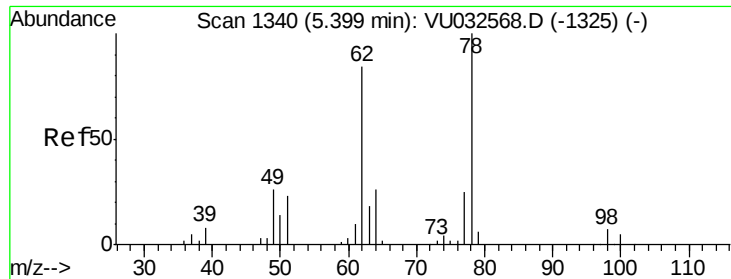
Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

58 19.1 0.0 64.0





#27

1,2-Dichloroethane

Concen: 0.615 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032572.D

Acq: 10 Jun 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

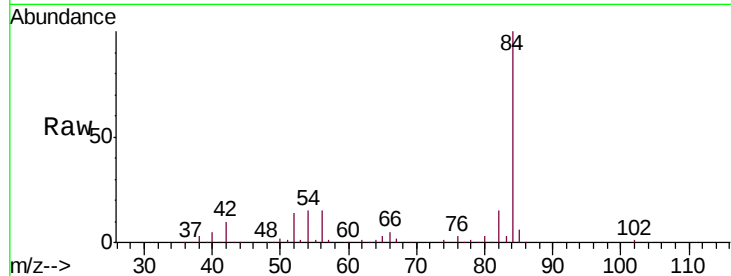
DB8B4DL

Tgt Ion: 62 Resp: 1156

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.34

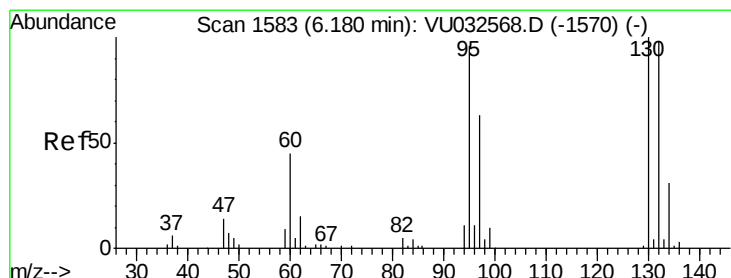
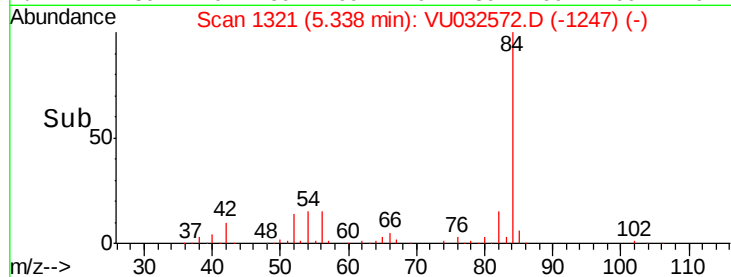
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 55.632 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032572.D

Acq: 10 Jun 2019 18:07

Tgt Ion: 95 Resp: 77655

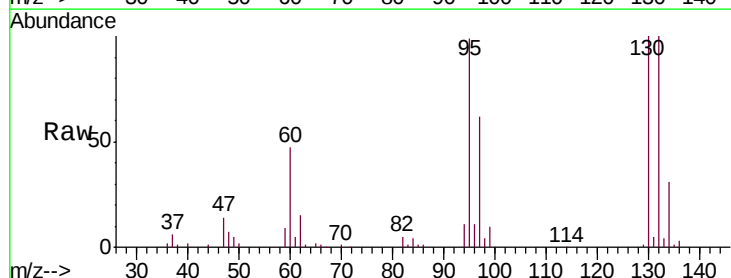
Ion Ratio Lower Upper

95 100

97 63.1 45.8 85.2

132 101.0 71.0 131.8

130 100.9 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

60000

50000

40000

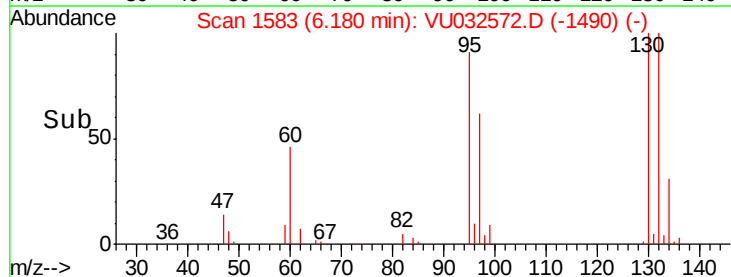
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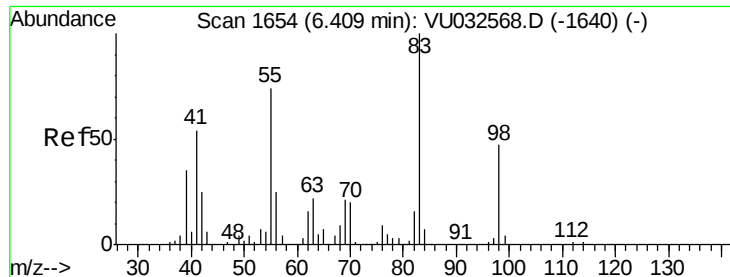
20000

10000

0

Time-->

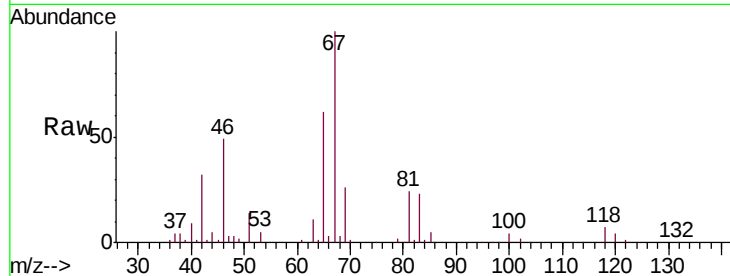




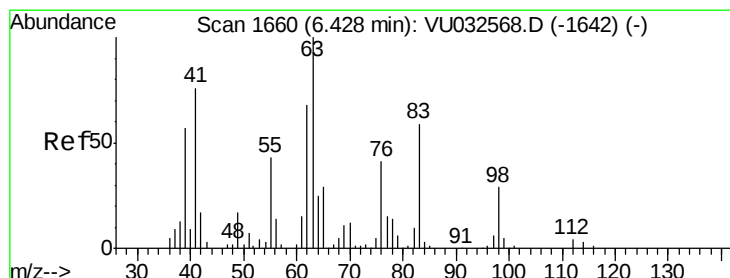
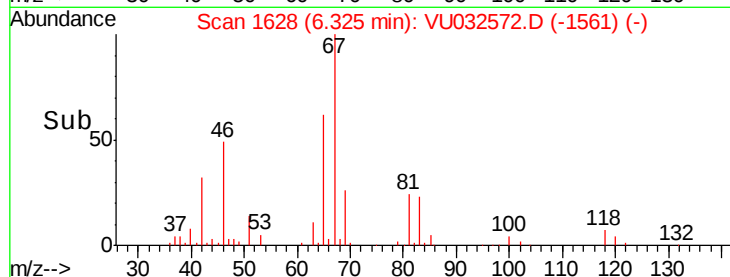
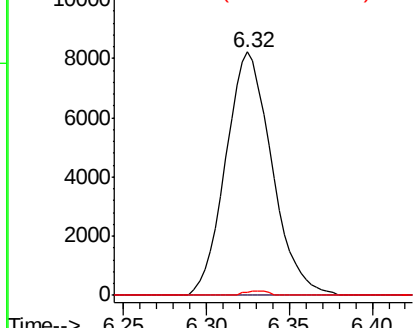
#35
Methylcyclohexane
Concen: 7.046 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032572.D
Acq: 10 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
DB8B4DL

Tgt Ion: 83 Resp: 15922
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 0.9 37.4 56.2#

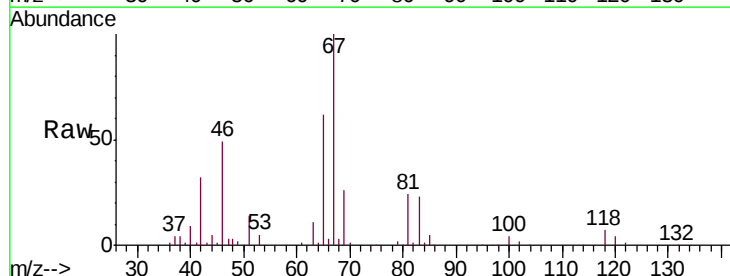


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

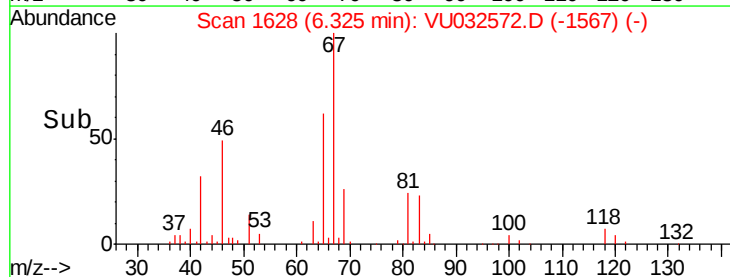
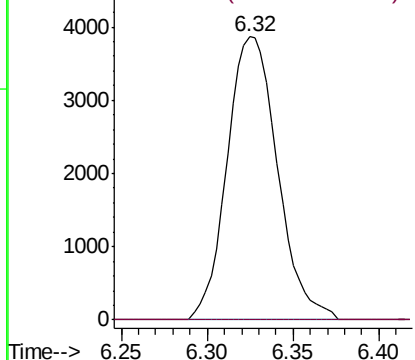


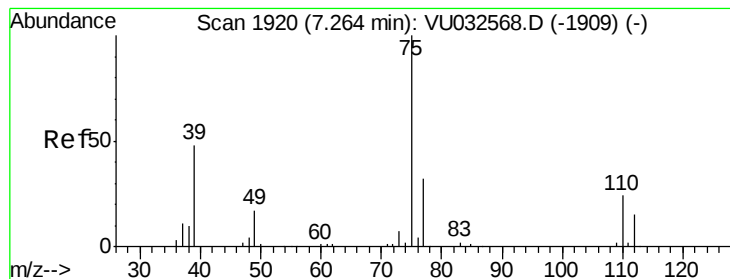
#37
1,2-Dichloropropane
Concen: 5.819 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032572.D
Acq: 10 Jun 2019 18:07

Tgt Ion: 63 Resp: 7914
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



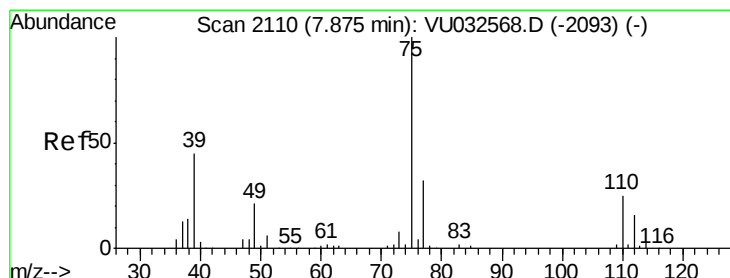
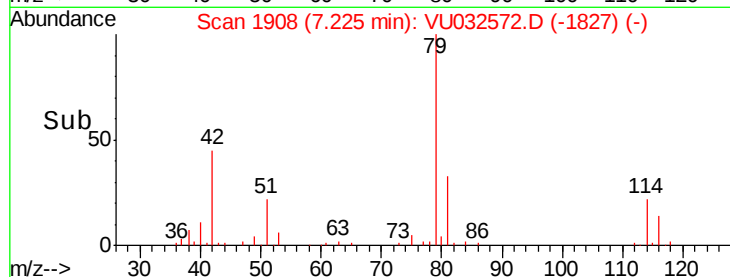
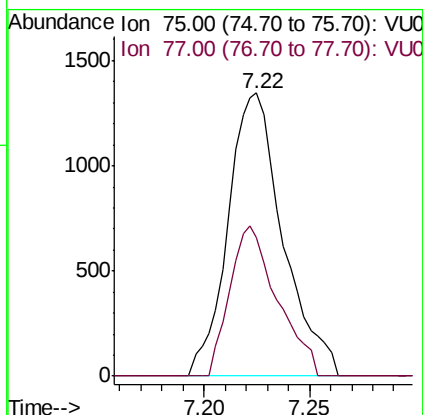
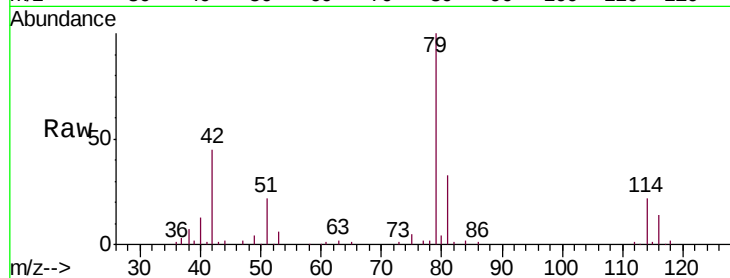


#39

cis-1,3-Dichloropropene
Concen: 1.135 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032572.D
Acq: 10 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
DB8B4DL

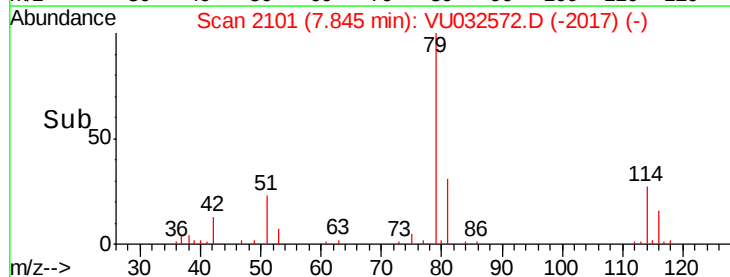
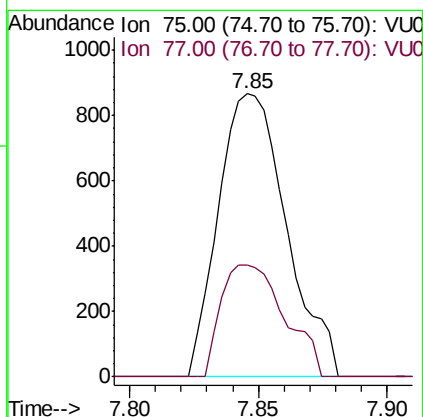
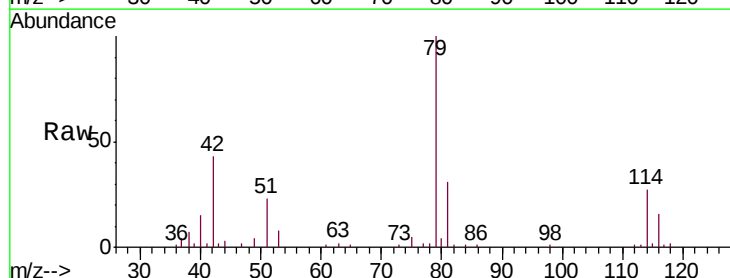
Tgt Ion: 75 Resp: 2435
Ion Ratio Lower Upper
75 100
77 48.8 22.0 41.0#

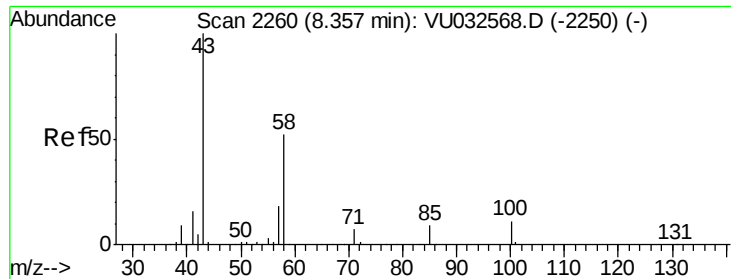


#44

trans-1,3-Dichloropropene
Concen: 0.839 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032572.D
Acq: 10 Jun 2019 18:07

Tgt Ion: 75 Resp: 1598
Ion Ratio Lower Upper
75 100
77 39.7 22.1 41.1

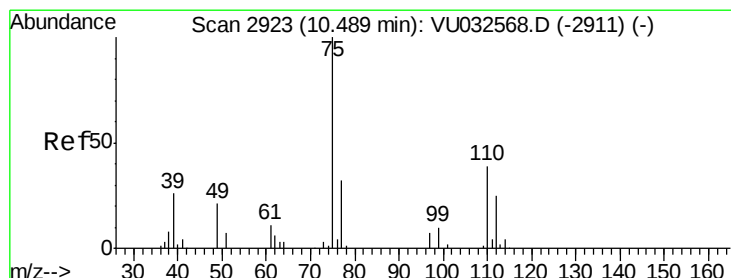
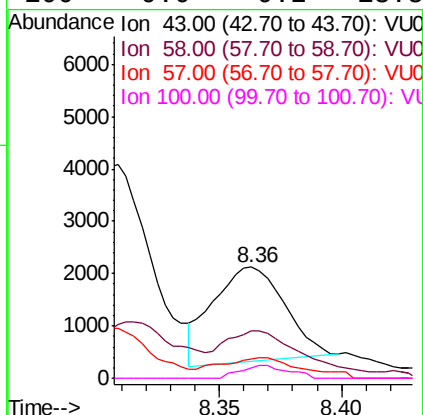
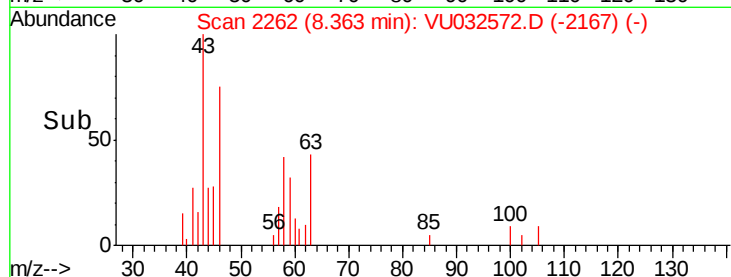
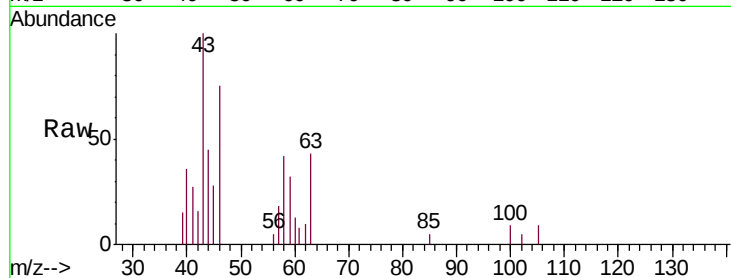




#48
2-Hexanone
Concen: 2.059 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032572.D
Acq: 10 Jun 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
DB8B4DL

Tgt Ion: 43 Resp: 3701
Ion Ratio Lower Upper
43 100
58 57.8 42.0 63.0
57 17.2 14.6 22.0
100 9.0 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.388 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032572.D
Acq: 10 Jun 2019 18:07

Tgt Ion: 75 Resp: 11295
Ion Ratio Lower Upper
75 100
77 36.5 25.6 38.4

